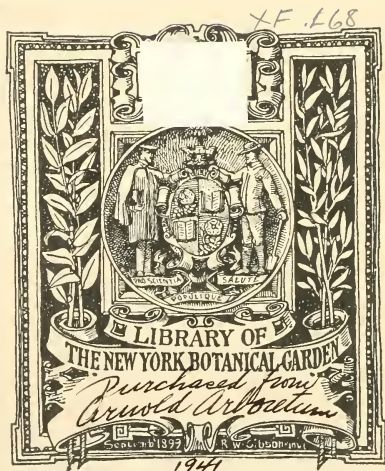


BENJ. M. WATSON,

Jamaica Plain,

Mass.



ARNOLD ARBORETUM
JAMAICA PLAIN, MASS.

THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, MAY 30, 1901.

No. 183.

ESTABLISHED 1830.

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Latanias, 8-inch pots, 3 and 4 plants to pot, 2 1/2 to 3 feet height and diameter, 12 to 14 leaves, \$24.00 per doz.

BIRDSE Rose Plants, on own roots, 2 1/2-inch pots, \$5.00 per 100.
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MISCELLANEOUS SEASONABLE HINTS.



Fuchsias.

In this busy time there is likely to be a neglect of reserving some good stock for yourself. It is all sell now and every effort and energy is used to fill orders. Some stock is easily picked up later in the season but others must be bought for good money and if the season is past money won't buy it. Put by one or two good large plants of the varieties of fuchsias that you intend to grow another year. You can't get satisfactory cuttings early in the winter from weak, unripened wood. Take the good, big fuchsia plants and plunge them out of doors in the shade or where they will get only the morning sun. These by fall will make good, firm wood, which, if handled rightly, will give the best of cuttings next December. We don't grow many fuchsias now but we once did and thousands are sold in our markets.

Hydrangeas.

The young hydrangeas that were propagated this winter should not be let run up in the greenhouse. They should have the leader pinched out and be plunged out of doors in 4-in. pots and when you get more time and they have more roots they will want a 6-in. pot. Those intended for Easter are best grown in pots, but those for later flowering can be planted out in good, deep soil and they lift easily. There has been a good demand for large Hydrangea Otaksa this spring, and they do make a fine and ornamental mass for the lawn, but they are worth a good deal, for it costs considerable to grow them up to a large size (say four to six feet spread) and it is worth something to store them.

A cool, light, half glazed shed where there is little artificial heat or just enough only to keep the frost out is the ideal place and it is getting now a necessity for many of us to have such a house. An ordinary greenhouse is too valuable space to store these large plants and here is the place for sweet bays, oleander and agaves and other unwieldy things that only want to be stored and not grown. It is a digression from the subject, but this storehouse is something we need and the best plan to build it I will leave for a future date. To produce these large tubs of hydrangeas you should begin now. You will likely have some plants in 6 or 7-in. pots that have not flowered abundantly and have not sold. Two or three of these planted in a butter tub or half barrel now and partly shortened back and given every encouragement to grow will make fine, large tubs for next year.

Geraniums.

Of all the plants that it is important for you to plant out in abundance for cuttings this fall is the plebeian but popular geranium. My experience is you cannot buy in this broad land such plants as you can propagate for yourself. They put in the cuttings too thick or they use stumps of hard wood. The big geranium

grower is trying to get quantity before quality, so plant out plenty of the leading bedding varieties and get them into the ground at once so that they will give you lots of cuttings next September.

There are many varieties of zonal geraniums and some are local favorites in different localities. Grow what grows well in your locality and pleases your patrons. There is one semi-double pink that we bought this spring and should have bought last year. It is a grand variety. Its color and habit and bloom are splendid and I think it one of the greatest acquisitions to our rather limited number of good bedders. It is the beautiful light pink "Jean Viand." We find "Alphonse Riccard" for light scarlet; "S. A. Nutt," dark scarlet; "Beaute Poitevine," salmon; "Frances Perkins," pink, are the most valuable of all.

now. You will have a test of their growth and a good stock for next spring. Many other plants are of less importance and more easily and rapidly propagated, but a few of everything should be taken care of for it will save much annoyance.

Avoid This.

In the constant picking out of plants, particularly the geraniums, which will go on for the next two weeks I have often exercised or wents of profanity because the men if they want 50 S. A. Nutt geraniums for an order will take the best and leave a few plants standing all forlorn by themselves to dry out and be knocked over with the hose; in fact to be neglected. The excuse is "I had no time." Now it does not take 10 seconds to bunch up the few plants that you considered not quite good enough for the order. It makes the house tidy, gives you a bench to spread out crowded plants and saves lots of time in watering. I mentioned geraniums but it applies to all plants. Untidiness and disorder bring fret and worry to your already busy mind, so insist that batches of plants are kept up compact and you will save your plants, and money besides.

WILLIAM SCOTT.



Magnolia Soulangeana.

Cannas.

Cannas are another most important plant that should be planted out on your own place in large quantities. Just see how bare scarce they are today with all the thousands that the big firms raise. With these it is not necessary to take your best plants. Small plants if put out in good soil will make a big clump of roots by lifting time. It is likely you want to add a few new cannas to your collection; if so endeavor to buy them

MAGNOLIA SOULANGEANA.

This pretty hybrid magnolia has demonstrated its ability to endure our siroccos and our blizzards and deserves to be much more generally planted. It is most effective when planted in front of a clump of evergreens. In fact, all shrubs or trees that produce their flowers in advance of the foliage should be planted with a background of conifer.

The specimen illustrated is in Humboldt Park, Chicago, and it blooms about

the first week in May a time when flowers are very desirable. It was planted five years ago and has been wrapped in straw every winter. This may not be necessary in the case of specimens sheltered by evergreens, but a good foot of mulch, I think, advisable, though this plant never had any. It came safe through the memorable winter of 1898-99, during which so many of our foreign acquisitions (and natives, too) lost their lives.

The large white and purplish flowers of *Magnolia Soulangiana* cover the tree before a single leaf has appeared, and they add a most attractive feature to our northern landscapes. It is certainly deserving of a much wider popularity than it now enjoys.

This hybrid originated with M. Soulangue, of France, who stated its parents to be *M. conspicua* and *M. gracilis*, the latter the pollen parent. But Nicholson in his Dictionary of Gardening says it is probably a natural hybrid between *M. conspicua* and *M. obovata*. We will leave this question for determination by the professors. The gardener will be satisfied to know that at least one of the pretty Chinese magnolias is hardy and satisfactory in our trying climate.

Chicago.

JAMES JESSEN.

CHRYSANTHEMUMS.

We present herewith an engraving from a photograph of a house of chrysanthemums grown by Mr. John C. Gil-

bert about two months before using, piled up and mixed with a liberal quantity of old decomposed cow manure and a small quantity of leaf mold and sandy loam. After the pile had laid about two weeks, it was moved and turned again, and it received a third moving before being used.

To insure perfect drainage the following method was employed: Two narrow strips half an inch thick and three inches wide were nailed together, so as to form a V or trough, and one of these was placed between every other row of plants, the rows being ten inches apart, and the plants eight inches apart in the row. Over the surface or spaces between these I put about two inches of roughly broken soil which had not been thoroughly rotted. This means assured good drainage.

Of course, the watering and syringing was carefully done, and it was always done in the morning. At no time after the cuttings were made and potted the first time did the plants have any artificial shade. I kept the soil stirred quite frequently, in the earlier part of the season loosening it to a good depth, but later merely keeping the surface of the soil broken up.

About Sept. 15 I applied a top dressing of the same compost about an inch thick. Some of the plants were grown to single stem and some to two stems, but no stem bore more than one bud. Those grown on the side benches were in 6-inch pots.

The shield is very clearly worked out and there will be no difficulty in naming the flowers used. The picture showing the use of palms and flowers at the pier in the Albert Memorial Chapel will, we think, have more than a professional significance to many of our readers, who still claim Great Britain as their native land.

The small pictures show one florist's treatment of the cross and the harp on this occasion.

CARNATION NOTES.

By the time these notes reach you Decoration Day will be past and most of us will be about through with the main part of the spring rush. Of course you have kept your carnations in as good condition as possible until that day, as there is good money then in any kind of a flower, especially colored ones.

How unfortunate it is that we have no scarlet which will stand the heat of our summers like some of the whites and pinks do. A red Ethel Crocker would be a money maker. We are now finding out what a grand summer variety this is. The blooms right now are as large as in mid-winter and the color is grand. It is by far the best pink coming into this market at present. Flora Hill is about the only white variety that is producing good blooms, White Cloud being a poor hot weather variety.

Many of the benches might as well be cleared off now as soon as possible as it does not pay to water a lot of plants which are producing no blooms. Pull up the plants and take them out, but leave the soil on the benches to thoroughly dry out before taking it out. When taking the soil out don't pile it up in a heap, but spread it out in a layer about eighteen inches or two feet deep, and allow it to freeze thoroughly next winter. Then spread on a good coat of lime and manure and in the spring pile it up and mix thoroughly. This soil will make fine stuff for potting all kinds of bedding stock, and if there was no disease in the carnations that were planted in it, it will answer very well for potting the young carnation plants.

I have used the same soil over again in benching carnations after it had been exposed to the weather a couple of years and with good results, but of course you must be careful to use none that had diseased carnations growing on it, and you must enrich it well. A good plan is to sow oats or rye or something else which makes quick growth on the soil while it is spread out and when in full growth, about a foot high, pile it up. This will make it almost as good as fresh soil. Unless the soil is quite heavy we mix in only cow and sheep manure, as these do not lighten the soil as much as stable manure does, and be sure to add some lime.

Next time you house your carnations plant together in the same house those varieties which keep up best in summer so that you can entirely empty most of your houses soon after Decoration Day and get them into shape for planting again early. If there has been much trouble with any kind of insect or disease you can use the strongest kind of disinfectant without sacrificing any good stock. The houses should be thoroughly cleaned out and fumigated with sulphur every summer, and a good coat of whitewash put on all the benches and walls. A



House of Chrysanthemums Grown by Mr. J. C. Gilmore, Gardener to Hon. S. B. Elkins, Elkins, W. Va.

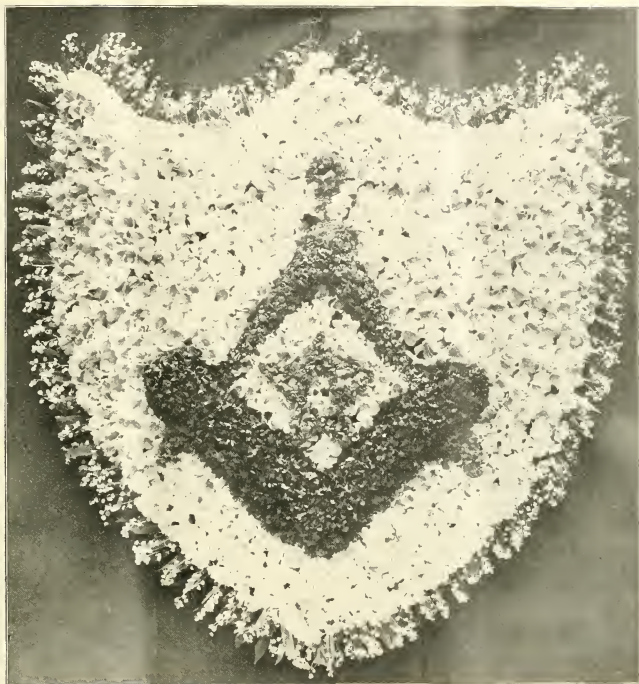
more, gardener to Hon. S. B. Elkins, Elkins, W. Va. In response to our request Mr. Gilmore gives us the following description of his cultural methods:

"The cuttings were struck about March 1st, and when rooted were potted in 2½-inch pots. In due time they were shifted to 4-inch, and then to 5-inch, using only ordinary good soil and not any special compost or mixture. The plants were transferred from the 5-inch pots to the bench about July 15th. This is a center bench which is 8 feet wide and 60 feet long. The soil was sod cut from an old pasture field, which had been

"There were no imperfect blooms in the house and quite a number of the flowers measured 7 to 10 inches; there were practically no small blooms. The foliage was clean and extra good and remained so until the plants were through blooming."

ENGLISH FLORAL WORK.

We present herewith several more pictures of floral arrangements seen at the funeral of Queen Victoria. The two larger pictures are from photographs and the two smaller ones are reproduced from the *Gardener's Chronicle*.



Floral Shield sent to the funeral of Queen Victoria.

good drying out is also one of the very best things to kill all kinds of fungus.

Do all you can to keep those houses cool in which the plants are to keep on blooming, and keep the air moving. Every spring about this time we take out a pane from each fourth row of glass near the bottom to let in fresh air and we find it a great benefit, as the top ventilators are insufficient during the hot summer months. Side ventilators are better if your houses are built separate, and they should be kept open all day and all night. Give plenty of water both overhead and at roots, and attend to the disbudding faithfully. It pays to keep up the quality; true, you do not get as much for them as you did in the winter, but your expenses are lighter, too, and your profit almost as large on what you do sell. The demand seems to increase every summer for good carnation blooms.

Put on more shade as it may be needed. We use the old-fashioned way (lime and water) and we like it best, because a good rain or two will take it off. It has to be put on two or three times each summer, but that is easier than to rub it off in the fall like you

have to do with the various white lead preparations. We use an ordinary hand syringe to spray it on, making countless little spots all over the glass; we prefer this to the strip of shading down the center of the glass. A. F. J. BATH.

HARDY PERENNIALS.

If any person interested in this class of plants will look over the catalogues of the nurseries or florists dealing in them he will observe that a vast majority of the plants included under that head and offered with various degrees of praise are likely to produce a satisfactory showing only in the hands of an expert cultivator and in special locations. By far the greater number of purchasers of plants have only the most general idea of the requirements of vegetation and neither time nor money to spend on experimenting. Consequently any plant which will not succeed under average conditions of weather, culture and location is more than likely to be voted a failure by the dissatisfied buyer.

Again, he may select something commended in the catalogues as "showy

and of easy culture," to find at the end of the season that it will entail years of labor to clear his grounds of the myriads of seedlings or suckers generated by his new acquisition of too easy culture. This spreading habit is less likely to cause serious trouble in private grounds than in parks, yet it is well to avoid plants which are too spontaneous.

To sum up the requirements of an ideal hardy perennial it should be able to endure any ordinary winter without any protection save what nature may give it in the way of fallen leaves, and not be too sensitive to drought in summer. It should be of sufficient size to make a show. Many fine flowers lack the size necessary to show off their beauty. It should not be a spreader either by seeds, roots or stolons. Its habit of growth should not interfere with its neighbor plants.

Here is a brief list of plants which will be found to comply with most of the above requirements. Several are indigenous to this region and of wide distribution in other parts of the country.

Desirable Asters—Aster nove an-

glic, purple-rose and white, of compact root habit and spreads but little by seed; *Aster multilorus*, profuse bloom and heathery habit, pure white; *Aster cordifolius*, tall compact bunches and large thyrse of purplish-white flowers; *Aster sericeus*, satin leaved aster, beautiful flowers, but the plant is rather deficient in size; it will grow in very dry places.

Most of our native golden rods are objectionable because of excessive production of prostrate root stocks. These three



Floral Cross arranged by Standish & Co., for the funeral of Queen Victoria.

make pretty compact groups and are of moderate height. *Solidago latifolia*, *S. rigida*, *S. speciosa*.

The boltonias are much admired for their graceful aspect and beautiful daisy-like flowers. *Boltonia latiscapula* and *Boltonia asteroides* are satisfactory plants.

Helianthus autumnale is a very showy flower, native here. There are some handsome varieties, but less hardy than the type.

There are a few of the sunflowers that can be admitted into our list. *Helianthus decapetalus*, an attractive sulphur-yellow flower, 5 or 6 feet, grows in dense masses; *Helianthus orgyalis*, tall, of graceful appearance, roots compact and permanent; *Helianthus multiflorus* fl. pl., the dwarf double sunflower, too well known to require any remarks; *Helianthus rigidus*; this and the last species require to be reset each spring, as the offsets by which they are reproduced straggle away from the parent group which dies out; they are well worth the trouble, as they are very effective.

One other composite plant, *Echinops ritro*, is quite hardy, very ornamental, foliage and flower of good size, a fine blue, and comparatively little known. Other species of this plant are also in cultivation, but *ritro* will give the best general satisfaction.

In addition to the six genera already enumerated, our list will include

- Aquilegia Canadensis*.
- Aquilegia vulgaris*.
- Paeonia officinalis* vars.
- Paeonia* var. *tennifolia*.

- Funkia undulata*.
- Funkia undulata media picta*.
- Funkia subcordata*.
- Hemerocallis flava*.
- Hemerocallis Sieboldii*.
- Hemerocallis Thunbergii*.
- Papaver orientale*.
- Delphinium formosum*.
- Delphinium bicolor*.
- Cassia Marilandica*.
- Dodecatheon Meadia*.
- Hibiscus Moscheutos*.
- Hibiscus Moscheutos albus* "Crimson Eye."
- Hibiscus militaris*.
- Iris germanica* varieties.
- Iris siberica*.
- Lycynis chalcidensis*.
- Platyodon grandiflora*.

These twelve genera will be generally satisfactory for hardness, size and adaptability under ordinary conditions of culture.

It must not be supposed, however, as many seem to believe, that these or any other perennials will grow year after year and give satisfactory results entirely without care or assistance. Most of them after they are established will produce more shoots from the roots than would have room or nourishment to develop properly. The weaker ones should be removed as early as possible. Amateur cultivators should above all avoid having the soil too rich, and be very chary of over watering.

JOHN HIGGINS.

Chicago.

CULTIVATION OF FIELD-GROWN ROSES FOR THE TRADE.

By JOHN GILL, West Berkeley, Cal.

(Read before the Pacific States Floral Congress in San Francisco.)

The culture of roses in open ground varies but little from other nursery stock. The cuttings or rooted stocks are planted during the winter or early spring months in ground that has been prepared for that purpose. They should be planted in straight rows of about four feet apart, and from eight inches to one foot apart in the row; this allows ample room to hoe between the plants in the row, and between the rows to plow and cultivate. This should be done in a most thorough manner throughout the season. This not only gives the plants a chance to make a good growth, but it has a tendency to keep that troublesome pest, the gopher, out as he has very little use for well cultivated land.

Roses like new land; it is a great mistake to try and take several crops off the same piece of land, and it cannot be done with good success. When grown on fresh soil many of the stronger growing kinds will make fine plants the first year, but the slower growing varieties will take from two to three years to make salable plants; it is well also to grow them without irrigation, as they will make plants which will give the purchaser much better satisfaction, being more dormant than irrigated stock. They will start much better and they can be grown very successfully in this vicinity without any irrigation.

Roses are mostly started from cuttings or from rooted stocks or seedlings imported from Europe. When cuttings are to be used they should be made from good hard wood during the winter or early spring months and planted

as soon after as the ground is in condition to receive them. Imported stocks may also be put in at the same time.

The two methods of growing roses in this state are principally used, namely, on their own roots and budded. To the latter I wish to call especial attention as I consider them by far superior to plants grown on their own roots, as it has a tendency to make the weaker growing varieties much more vigorous, being worked on a strong root and they will give a great deal better satisfaction.

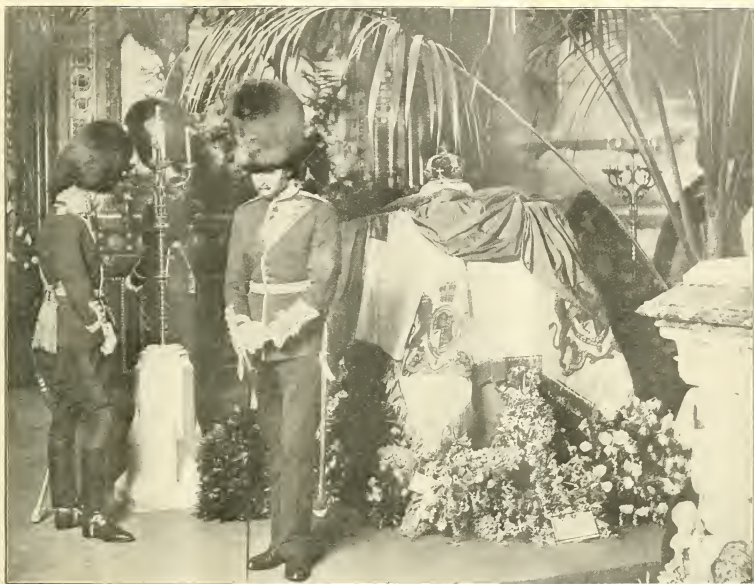
The principal stocks used for budding are the Manetti, De la Grifferie, Rosa Canina or Dog Rose, Flor de Rosomones, Castellian, and the Evergreen stocks. Many of the growers have their preferences regarding the different varieties of stocks and I am satisfied that the rose has its. I find that one variety will do well on one stock while only a partial success on another, and a complete failure on a third; and there is no way by which their preference may be found out that I know of except by experimenting with them. This takes many months, if not years, to accomplish.

I feel that many of our eastern friends in the trade are making a mistake on the subject of grafted roses on the Manetti, for two reasons. First, it is an undisputable fact that many of the tea varieties will not make a good union on that stock, much preferring some other stock. This is shown by the fact that, although they often make a strong growth they are apt to



Floral Harp arranged by Standish & Co., for the funeral of Queen Victoria.

break off where they are grafted or budded, while if they are worked on a stock which they prefer, it is almost impossible to break them after they have made a union. Of course, it must be understood that this does not apply to all tea varieties, for some of them will make an excellent union on the Manetti and for such varieties I consider it an excellent stock. Second: The Manetti stock gets practically dormant during the winter months, more so than any of the other stocks mentioned, except the canina, and it must



Palms and Flowers at the bier of Queen Victoria in the Albert Memorial Chapel.

be expected that the varieties worked on it will be in the same condition to a certain extent, greatly to their detriment for forcing during the winter months, just the time the grower wants flowers and must have them. It can be readily seen that if they were worked on stocks which grow freer during the winter months they would be a great deal more preferable for growing under glass. The foregoing reasons will have the same bearing on budded stock grown in this state and not a small portion of which is sold to florists to be grown in their houses for cut flowers.

The stocks previously referred to must be kept thoroughly cultivated so as to be ready to be budded, which should be done between the first of June and the first of October, the buds to be inserted close to the ground and thoroughly tied. *Raffia* I consider the best tying material. Great care must be taken to have the buds well matured, as it is a very difficult matter to get a good stand off soft buds; also care must be taken in cutting the buds not to get them mixed in any way. After the stocks have been budded, little else is required to be done till the winter, save the cutting of the strings, which will have to be done in about three or four weeks after budding, according to the growth of the stocks. During the winter the top will want to be cut back to the bud and all the weeds carefully removed before the buds begin to start or there will be great danger of break-

ing the young buds off, and the ground should be thoroughly worked as soon as it becomes dry enough to permit.

As soon as the warm weather begins the buds will start readily and make a very strong, vigorous growth, and during the month of May will be a sight worth looking at and long to be remembered.

The roses so grown should have no irrigation whatever, allowing them to dry off naturally after having made their summer's growth. They will be ready for transplanting any time after the first of September, in fact often before that. The forcing varieties so grown cannot be excelled for greenhouse culture. Flowers may be cut from them in about six weeks after planting and will continue to bloom through the season, giving the very finest qualities of flowers, in fact they may be carried over for several years with excellent results. For general sales, the handling of roses begins about the first of November or as soon as the wet weather begins and lasts till about the first of March. In handling roses care must be taken to give them all the roots possible and precaution must be taken against getting the varieties mixed, for it is difficult for one to separate them who is not thoroughly familiar with the looks of the wood, in fact in some cases it is utterly impossible.

Care must be taken not to expose the roots to the sun or drying wind any more than possible, for if they once get

dried out it will take them a long time to recover from the effects of the same. After being dug, all the leaves should be removed, as they will only wither on the plants and give them a bad appearance; then they should be tied in bundles, carefully labeling the same, and after puddling the roots they will be ready for packing and shipping. In handling the roses a great difference may be seen between budded plants and those on their own roots. The former will have a great quantity of active roots, while the latter will have in most cases only two or three straggly ones and will not start for the purchaser nearly as soon or as strong as the budded stock, and will not give near the satisfaction for a long time to come if at all.

At this point I wish to speak of the two principal objections to budded stock. The first is suckers, but if the buds have been worked on carefully prepared stocks and properly planted, there will be little cause to complain from that source. The other, though less frequent, objection, is to their not doing well, but of this we hear little, the principal cause of which is either being worked on inferior stocks or not on the right kind of a stock, but to this I have previously referred.

The varieties of roses grown are almost endless in number, some of the nurseries carrying between three and four hundred varieties in stock; but for many of these there is but little call.

By far the greatest demand is for the varieties now so extensively forced under glass, which we see so beautifully and extensively displayed in our florists' windows, and, of course, all lovers of flowers must have them in their yards. Those varieties principally are the Bride, Bridesmaid, Madame Caroline Testout, K. A. Victoria, American Beauty, Papa Goutier, La France, Perle des Jardins, Souv. de President Carnot, and Belle Siebrecht, all of which will give excellent results outside in this vicinity. Other very popular varieties for general planting are Safrano, Rainbow, Niphotos, Sunset, White La France, Marie Van Houthe, Madame Lambert, Maman Cochet, Madame Hoste, Empereur de Morocco, Paul Neyron, Isabella Sprunt and Viscountess Folkestone, in fact, it is hard for me to bring this list to a close as there are so many favorites. In climbers there are Marechal Niel, La Marque, Cloth of Gold, Climbing La France, Climbing Niphotos, Climbing Perle, Gloire de Dijon, Gloire de Margottin, Rev. d'Or, Reine Marie Henriette, Wm. Allen Richardson, Banksias and Beauty of Glazenwood.

The last named is a beautiful thing when it gets several years' growth on it. The Hybrid Perpetuals and Mosses, I have almost excluded from the list, as the call for them is limited. Crimson Rambler is now used very extensively as a pot plant for forcing for Easter. There are other exceptionally fine old varieties which are practically unknown to the rose lover of to-day, and which should be in every collection, such as Adam, Souvenir d'un Ami, Eliza Savage, Bengere, La Sylphide, Shirley Hibbard, Madame Willermoz, Rubens, Devonensis and many others that I might mention.

The demand for field grown roses was never greater than at the present time, in fact it is almost impossible to get a list of any size of the popular varieties from any of the principal growers late in the season, they being sold out of most of them. One reason for this is that the trade, that is, I mean the retail dealers, are fast learning that they can buy a much larger and stronger plant for less money than they possibly can grow it for in their small yards, to say nothing of the better satisfaction it will give their customers. Also that the small roses grown in the east and sent out here by mail at seemingly a very small price have proven to be anything but satisfactory and dear at any price, as very few of them live or ever give satisfaction, and the general rose buyers are fast learning that they are not to be compared with thoroughly ripened California field grown stock. Another reason is that we can grow any of the tender sorts here without any protection, which cannot be done in any of the other states; hence our market is not confined to this state alone, but they are shipped over the entire coast, and I think the time not far distant when they will be grown here in large quantities for the eastern market, for already many have been shipped there. There are also a great many used for greenhouse forcing, which I have previously referred to.

In conclusion I would say that in order that the demand for field grown roses may continue, strictly first class stock must be put on the market and the same at a fair and reasonable figure.

CALLAS IN ROSE HOUSE.

We are planning to grow 200 callas in our rose house this coming winter. The house is the north house in a range of three and we thought of planting the callas on the south bench under which are the return hot water pipes, and where the temperature will be 58 to 62 degrees at night. Will this be too warm for the callas? D. C. N.

If I state the requirements of the callas it will answer the purpose without selecting any particular spot in the houses described. Callas want the fullest light. They may flower in a shaded house but they will have long weak stems and the flower will not be of good quality. To grow them profitably they should be kept at a temperature of not less than 60 degrees at night.

If you have to buy the bulbs I would procure them as soon as convenient. Don't get the very large bulbs; medium size are best. Start them growing in a 5-inch pot and shift them later into a 7-inch. Plunge them out of doors in the broad sun and keep them well supplied with water during summer. Bring into the house before there is any danger of frost, say the middle of September. By this method you will get flowers early.

Callas are sometimes planted out on a bench, but they scarcely give as many flowers during winter as when grown in pots. Use a good heavy loam with about one-fourth of manure. There is nothing further to be said in growing callas. Usually they are kept too cold to be profitable. There is no reason why they should not be grown in a rose house as the syringing that roses get is entirely agreeable to them. In fact, if kept at a high temperature callas should be frequently syringed. WILLIAM SCOTT.

CRIMSON RAMBLERS.

I have a few plants of Crimson Rambler rose that were received late in the fall and were outside grown. They were potted upon arrival and kept in a temperature of 40 to 45 degrees until they broke, which was from a foot to eighteen inches from top of pot. Now they have some bloom, and shoots from seven to eight feet long without bloom. Ought I to cut these shoots back? If so, when? And how far? Or shall I let them grow? A. S. C.

If the Crimson Ramlers have made three or four good strong shoots that is just what you want to give a good crop of bloom for next Easter. I would cut off the shoots that are bearing flowers. The greatest danger with this early growth is that they are liable to break again on this year's wood and will make lateral growths which will not give you the best trusses.

Keep them growing in a light house with plenty of ventilation until about July 1st. Avoid an attack of mildew, which sometimes troubles them and much impairs their vigor. Towards fall, say in September and October when the canes are ripening, we frequently get copious rains. This tends to start the buds, which you can avoid by laying the plants on their sides. If you can get strong, well ripened canes by next October you are sure then, with anything like ordinary treatment and by starting

them into growth about Christmas, of a fine pot of roses.

We know very well that the large growers of the east depend mostly on the lifted plants and are uniformly successful with them. I have tried hard to be successful with this method, but have always had to depend on plants lifted from the ground two or three hundred miles away and shipped to me. I have never yet succeeded in getting them to break satisfactorily and have now some fifty plants just in about the same condition as those of your correspondent. I believe if you have them growing on your own place and there is not the slightest drying out between their being dug and potted, kept dark and cool and moist for two or three weeks, that the lifted plants are just as good as those grown over summer in pots.

But as I have said above, if you have three or four well ripened canes on a plant that has been grown in a pot the previous summer you are absolutely sure to be able to force it as early as you like and most satisfactorily. If successful with the fall lifted plants it is undoubtedly cheaper than having to grow a plant all summer with its watering and other care. WILLIAM SCOTT.

GLASS.

Under date of May 27th the Sprague-Smith Co., Chicago, quote prices on greenhouse glass as follows:

14x18 and 16x18 double thick A glass, \$6.64 per box; double thick B of same sizes, \$6.20 per box.

16x20 and 16x24 double thick A glass, \$7.28 per box; double thick B of same sizes, \$6.64 per box.

These prices are subject to a cash discount of 2 per cent.

As to the general conditions of the glass market they report:

"With the exception of about six co-operative factories, all the window glass factories in the United States have closed and will not make any more glass until fall. These co-operative factories, we understand, will close May 30th.

"The market is firm and we are assured by the manufacturers that there will not be any lower prices made until after the glass factories start in the fall, and the outlook is that the factories will not start until late."

CLOSED OUT ALL STOCK.

A few words in regard to your classified ads. Last year, late in the season, we had a surplus stock of some considerable thousands of asters on hand, and had about concluded the season was over, but your classified ads, coming to our notice, although we are rather conservative in regard to new things, we concluded to try them, as the rates were so reasonable that there could not be but a small loss if we received no returns. The effect was that we closed out all the stock and returned some cash to customers whose orders we could not fill.—A. & G. ROSNACU, Pemberton, N. J., June 11, 1900.

MILWAUKEE, WIS.—The fifth annual meeting of the Park and Outdoor Art Association will be held in this city June 26 to 28.

LANCASTER, MASS.—Alex McLellan, formerly of Newport, R. I., has taken charge of the gardens of Mr. Bayard Thayer here.



AN EVENING AT LONESOME-HURST.

The assertion that Jaggs couldn't go from Detroit to Windsor without traveling by way of the Hudson Bay route is possibly an exaggeration, but it was generally believed that he found it difficult to journey from Newark to Madison without steering off towards Philadelphia, owing to a slight misunderstanding with some lights of the profession in the vicinity of Short Hills. Somewhere in that neighborhood he had hypnotized a guileless newcomer into making him foreman of a freshly-built range, a position he supported with much dignity for upwards of forty-eight hours. The proprietor was a youthful hardware man. He had been told that there was a lot of money in the florist business—a fact he was ready to believe, after dropping most of his own coin into it; the only trouble being that he couldn't get any of it out again. Jaggs never explained his early separation from the hardware man except to assert that unfortunate was not what he called a thoroughbred. It appears, however, that in the ardor of celebrating his elevation, Jaggs traded off a case of auratum bulbs for a brindled bulldog with a 10x12 pedigree, this animal being looted from a near neighbor, who openly alluded to the hardware man as a dog robber in consequence. The fact that Jaggs potted a choice collection of tuberous begonias on orchid blocks caused no comment at the time, because the hardware man didn't know the difference. He had been heard to remark that in engaging a man like Jaggs he was sure to acquire a vast fund of practical experience, and there is every reason to believe that he did.

When Jaggs drifted back to Lonesomehurst he did not at once ask for his old job. The boss first caught sight of the prodigal melodiously whistling "The Holy City," while removing a mealy bug from a veteran stephanotis, this being an occupation that would keep an active man busy 367 days a year. The boss said nothing, and about the only formal welcome offered was from Carrie Nation

and Dr. Parkhurst, a couple of respectable tame lizards which had a habit of following the men about the warm houses, where they were fed with casual insects. When the potting shed parliament met in the evening, however, there were two years' questions to ask. The horticultural graduate had disappeared. "Blessed if he ain't teachin' literature in a bloomin' young ladies' seminary," said Tommy Atkins, with disgust. "What does a johnny like that try to break into the flower trade for?" Tommy himself had departed suddenly at the outbreak of the South African war, returning more than a year later, very thin, very brown, and very uncommunicative, with a slight limp and a surprisingly accurate acquaintance with Transvaal scenery. It was currently believed that he had again adorned the British army in the interval, and that his departure from it had been effected quite informally, but this, as Tommy had observed with some emphasis, "wasn't nobody's bloomin' business."

After supper the men settled down on an array of crates and boxes outside the potting shed. Davy was the last to join them, his sandy hair wet and streaky from a bath in one of the tanks; he sat down without a look at Jaggs, and began to pack tobacco into his cutty pipe.

"Nec, sociable way Scotty has, hasn't he," observed Jaggs, admiringly. "But ain't he a bit talkative?"

Davy lighted his pipe solemnly, and began to study an Australian paper sent him by a wandering relative. "Will ye be reading about that petrified Australian gum that they dug up over there?" he observed to the company at large. "Kauri gum, they call it—it's from dead and gone fir trees, and they use it for varnish—dig it up like ye dig coal."

"Yes," remarked Jaggs, reflectively, "it reminds me a bit of that place out Calgary way, in Northwest Territory, where a chap got me into a scheme for minin' petrified maple sugar."

"Now, go light, old man," advised Tommy Atkins. "Most of us has been in Canada our own selves. Better stick to Borneo."

Jaggs paused to extract a wisp from the potting shed broom, with which he cleaned his pipe. Then, puffing furiously to restore its impeded circulation, he continued:

"It was a chap from Southampton that got me into the business; said as he used to be a missionary to the Indians up in the Barren Grounds around Hudson Bay, but I reckon collections was slow, and one winter his dog train ate the churche."

"Sure it was a dog train?" inquired Tommy, pleasantly. "Or was they ostriches?"

"His dogs," repeated Jaggs, firmly, "ate the church, which was built, of course, of skins stretched over whalebone. They don't run to brownstone fronts up in the Arctic circle. It was when he was comin' home as he struck the maple sugar. He see a bear diggin' up rocks, eatin' 'em and lookin' pleased, which ain't natural for a bear. He says the bear looked at him and winked, which maybe he did. Anyway, when the old chap strolled off, Higginson, which was the reformed missionary, took hold o' the rock, and sees it was maple sugar—a regular mine of it. It was all in blocks."

"One-pound bricks, none genuine without maker's guarantee, I suppose," observed Tommy.

"Lookin' as fresh as paint," continued Jaggs, fixing Tommy with a disapproving glare. "Higginson says he thought on the dot his fortune was made—all he has to do to lap up simoleons by the barrelful was to get that sugar on the market. Higginson wanted to label it 'Pure Vermont Maple Sugar,' but I says 'No, Higginson,' I says, 'the truth or nothin' for me.' One o' them scientific chaps tell me afterwards as how them prehistoric maples had a loss-up with an earthquake and a volcano or two, and the sugar was filed away like coal. We'd made a lot o' dough if it hadn't been for a man from Ohio."

"Got there first, I s'pose?" said the fireman.

"He loaded the market with pure maple sugar made o' sorghum flavored with maple chips and aniline dye—put it up in fancy packages with colored labels and a lot o' south wind about the pure products o' nature. Course we hadn't no chance. Last I hear o' the missionary chap he was shootin' biscuits at a railroad restaurant, and talked about joinin' the Salvation Army. I reckon he must have a grudge against them Salvationists."

"It was right after that I went rose-growing with a natural hot-water plant; had a range o' modern houses built over a geyser, you know. A chap from East Pohannock, Me., started it. He says all you have to do is to make sure you've got a reliable geyser, and then arrange your flow and return accordin'. Greatest scheme on earth. No coal bills, no cinders, no fireman—makes natural gas look like 30 cents."

"Did it work?" inquired the fireman, with natural interest in the subject.

"For a while," responded Jaggs, thoughtfully. "The trouble was that we didn't get a reliable geyser. It used to sulk some days, and lower the pressure, and then it would turn on a full head o' steam when we was tryin' to cool off—didn't seem to take kindly to harness, I thought. Poor Hiram, he was a good chap, though he couldn't grow Beauties." Jaggs picked up his cap, which gave

circumstantial evidence of having belonged to a much larger man, and prepared to leave.

"Here, what happened to the geyser," inquired a general chorus.

"I don't rightly know," said Jaggs. "I came back from a trip to Minneapolis—"

"There ain't no geysers around Minneapolis," began the fireman, firmly. "I come from St. Paul, and—"

"Did I say there was?" asked Jaggs. "What does a chap from St. Paul know about Minneapolis, anyway? I come back from Minneapolis, and when I get to the greenhouses there wasn't nothink there but a geyser near as big as Lake Erie, steamin' away like a million wash kettles at once. I don't know where the greenhouses was, but I hear they had a rain o' rose bushes as nobody couldn't account for, about 250 miles south, so I reckon that's where our Beauties and Meteorers went."

"Whaur was Hiram?" asked Davy, addressing Jaggs for the first time.

"Well, I couldn't rightly say," returned Jaggs, "because I didn't know nothink about his past life. But he must have gone a good way up, for I reckon he hasn't lit yet."

There was a brief pause. The boss' parrot, which was moulted extensively as the result of a difference with the greenhouse cat, was heard swearing cheerfully in the distance. Jaggs filled his borrowed pipe with annexed tobacco, and the audience gradually drifted away. The general sentiments were expressed by Tommy, who remarked sleepily:

"Same old Jaggs, bless him! He'll be a loss to the trade if he ever does damp off, but I reckon he's like the Wanderin' Jew—he's set for eternity, and they'll have to slug him on the day o' judgment!"

SOCIETY OF AMERICAN FLORISTS.

I have read with interest the report of the work of the incorporators of the S. A. F. as regards affiliation of co-operative societies and I heartily approve of all they have done. It seems to me that they have brought about an affiliation which will tend to the benefit of both the parent society and its active offspring without impairing independent work of the co-operative societies. I agree with that clause which gives one delegate from each society the right to act with the Executive Board.

These co-operative associations or societies have done an immense amount of good work and it is from them that the most active work and progress must be expected, and their relations to the S. A. F. and O. H. will not hamper them in the least. There is one fact connected with all this that is comforting and will doubtless be the means of there being the heartiest co-operation between us all, and that is that every good and active member of any one of the co-operative societies is a loyal and good and active member of the S. A. F. & O. H. It seems to me the incorporators have done good and conscientious work and the floral fraternity of the whole country owes them a hearty vote of thanks.

WM. SCORR.

In the Minneapolis Journal of May 18 appears an illustrated article by Prof. Conway MacMillan on the Pacific Coast Botanical station now being established on Vancouver Island.

PHILADELPHIA.

Business Conditions.

Society has made an unexpected departure. The old legend

"If you are married in May,
You'll soon fade away."

has been decided silly. Consequently many of the pretty girls are breaking away from the old custom of being married in June and are showing good common sense by choosing the present time for their weddings.

The demand for choice roses is brisk; the supply is not excessive and prices are firm. It is not always easy to get really fine flowers now. The growers with solid beds now have the best stuff unless the man with his plants in raised benches is a very artist in his profession. Beauties, specials, bring from \$2 to \$2.50, occasionally \$3 per doz.; Kaisersins, \$6 per 100; Brides and Maids, \$4 to \$5 per 100; carnations, 75 cents to \$1.50 per 100; fancies, \$2. Sweet peas, 50 cents to \$1 per 100. Owing to the dark weather they are not plentiful.

Decoration Day prospects for cut flowers are bright. Though Japanese snow balls and peonies will not be in flower in quantity there will be plenty of common snow balls, white wigeia and other out-door stock to reinforce that grown indoors. Dentzia is over. There is a good deal of valley about.

The phenomenally backward season has upset the plantmen's calculations. The beds are not being planted as rapidly as usual and the plants need sun badly to open their blooms for the 30th. Red geraniums in flower appear scarce, so also, heliotrope, fuchsias, verbenas, etc. Plenty of plants but not plenty in bloom is the general feeling.

Various Notes.

A new departure is noticed in decorating. The church at the corner of Eighteenth and Stiles streets has bought a number of large palms, many of them from J. Wm. Colflesh, for decorating. It is intended to build a small conservatory in the churchyard for these plants before cold weather sets in.

William K. Harris has a fine lot of 6-inch Spirea japonica, well grown, that bring \$3 a doz. He is cutting a few scarlet peonies.

Julius Koebler & Sons grew 10,000 geraniums this season. They have done well with them and expect to have few left at the end of this week. A new greenhouse built last fall has given good returns.

Robert Crawford, Jr., has moved out to his country place, where he has many shrubs planted for cut flowers. It is understood that he expects to grow asters and violets there.

H. H. Battles has purchased the farm adjoining his present place at Newtown Square. This tract of land includes about thirty-three acres admirably suited for cultivating, having scarcely a tree or stone on it.

The Century Flower Shop has made a specialty of the unique sensitive plant in small pots. The stock at this up-to-date place always appears bright and fresh.

Chas. A. Knapp is doing well with crotons, which are now in demand. The price is \$3 to \$6 per doz.

C. J. Ranicar, known to most of us as the manager of the firm who sells us iron pipe, and to some of us as a good bowler, is now in business for himself, at 526 Arch street. He is busy as a bee.

The Florists' Bowling Club has been doing finely throughout the winter. We are not going to say much except that we hope to roll with you at Buffalo, Mr. Scott.

So much interest has been shown in the identity of the writers of these notes that it seems but fair to corroborate the statement made by our croton expert that chrysanthemum notes were not written either in 1897 or 1898 by the real PHIL.

BUFFALO.

The past two weeks have been rather an eventful time with many of our citizens, but you cannot say that the crowd is here yet. Dedication day filled up the streets and gave us a taste of what we may expect later in the season. The visit of Vice-President Roosevelt and other distinguished guests gave rise to several decorations more or less elaborate. Mr. and Mrs. Roosevelt were kept busy up till Tuesday night of last week attending some affair in their honor. Morning, noon and evening, instead of shooting lions in the Rockies, fair eyes were shooting at him.

It is only within the last two weeks that there have been any flowers going to waste. Now there is rather an excess of roses and carnations. What a splendid spring carnation the Marquis is proving. It puts all the other pinks in the shade, or appears to because our crop of Lawson is a little off. Sweet peas are in great abundance and fine, with not a very brisk demand. It appears now that all outside flowers are quite ten days later than the average season, and this makes it about right for Decoration Day. Late tulips that are usually over will be at their best, and so will lily of the valley and lilies. Peonies are very late, but we never expect to get any of those till the 10th of June. There was a lively demand for plants a week ago, and many people wanted their yards fixed up by Decoration Day, but a very cool, wet spell has put a damper on their anxiety, and the rush will not begin for a few days yet.

As I expected, there is going to be a more than ordinary demand for all kinds of decorative plants. Many hotels and fashionable boarding places are putting on extra frills and in many ways the demand will be increased. We could with justice to ourselves and without the slightest extortion raise the price of our plants this spring for nearly everything that goes to produce them has cost us more, but I don't suppose we will get any material advance. We can, however, be firm and make no material reductions for the sake of getting an order.

Among the visitors of the week have been Mr. and Mrs. H. H. Groff of Simcoe, Ont., William T. Bell of Franklin, Pa., Mr. Broadhead, with his manager, Mr. Roney, of Jamestown, Mr. Dille-muth of Toronto. If I don't extend the same time and attention to a florist friend now-a-days that I always liked to they must remember the wish is there but the opportunity is not.

At the last moment who should come in the Horticulture Building but the

majestic Mr. Bob Halliday of Baltimore. He was up as far as Watkins, this state, and could not resist a few hours' visit to the Pan-American. He was amazed and charmed, and has gone back to Baltimore to bring everybody up here in August.

Mr. Adams informs me that he has engaged amongst other places the Larkin Flats. This is an entirely new house, most centrally situated in a beautiful part of the city, and will accommodate 150 people. Any one finding room in this place cannot but be satisfied.

W. S.

PAN-AMERICAN EXPOSITION.

Ten days of almost continual rain and drizzle with a low temperature has retarded work and dampened the spirits of all who need fine weather to complete their work. The blanket of the Indian is wet and soggy, and the voice of the Midway Barker is hoarse and despondent. But this state of things cannot last and when summer weather comes beauty will reign on every hand.

Mr. Ulrich, in spite of the weather, has been placing a great many evergreens and large masses of rhododendrons in the Grand Court and Sunken Gardens. On each side of the Grand Court there is an avenue of palms and sweet thays which add greatly to the beauty of the scene, as they are a relief from the buildings and statuary. One of the prettiest views, at least horticulturally, is the Mall. Once this was old Amherst street. The banks on each side now slope up to an elevation of ten feet. Each side of the street is lined by rows of Lombardy poplars and on the sloping sod banks are a great number of beds of rhododendrons and azaleas which are now at their best. The pansy beds at the front of the Grand Court are now most effective. Wisely the colors have been confined to white, yellow, blue and black, and for good effect this is about all the colors in pansies you need where they are used in extensive bedding.

A great many aquatic plants have been planted in the Sunken Gardens—confined to the margins as the water in the center is too much agitated by the fountains. The Eastern Basin, known as the Court of Cypress, has lately been planted with 100 nelumbiums in three groups and 200 of the choicest nymphs in twenty-four groups. These circular basins are 120 feet in diameter. Everything has been done to insure success. Large boxes were made and fifteen inches of heavy enriched soil was placed in them. Over them will be about fifteen inches of water. As seen from the Liberal Arts Building these basins will be very beautiful and are filled entirely as an exhibit of Henry A. Dreer, Philadelphia.

In the Rose Garden, devoted to horticultural exhibits, tulips are being removed as fast as out of flower and the beds are being planted with a variety of the leading bedding plants. Cannas of many varieties will be very prominent here. There is a bed of Crimson Rambler roses covering an area of 1,300 square feet, which promises to be a brilliant mass. The many large beds of roses planted by Ellwanger & Barry, Nelson, Bogue and Jackson & Perkins, have also done well. W. Atlee Burpee & Co. have a fine bed of the Burbank

rose. A little bed that is very much admired just now is the *Aquilegiaerulea*, the Rocky Mountain columbine, the exhibit of the Park Floral Company, of Denver. A few hundred of the many vases are now filled with specimen palms and agaves. These vases, so lavishly used, are going to add greatly to the beauty of the courts and grounds. The Mexican cacti bed is attracting a good deal of attention. It is well and artistically planted by Mr. McDowell, of Mexico City, who has charge of all the horticultural exhibits from Mexico.

I hope another week to have more in the horticultural line to report. At present the weather is good only for pansies. Our exhibition of cut peonies was to open today but we found that even in the neighborhood of New York it will be another week before any peonies, except perhaps of the officinalis type, will be in bloom, so we have decided to accept and stage peonies whenever they come and shall be glad to receive them for the next three weeks.

I would just like to mention once more how remarkably well the flowers have kept in our Horticulture Building. It has been most encouraging. Carnations lasted in good order nine days and at the rose show, just held, flowers kept in excellent order for five or six days.

WM. SCOTT.

CINCINNATI.

The Market.

Decoration day, cold, cloudy weather and a considerable shortening of supply have acted together to bring prices back to a pacy basis. Business is now very satisfactory, with barely enough stock to go around. The chances are that Decoration Day will find every one sold out clean and looking for more stock. The commission houses report shipping trade to be very good.

Carnations are selling now at from \$1.50 to \$1 per 100; roses, \$3 to \$5 per 100. Some extra fine iris is coming in, which readily brings 3 cents a spike. Owing to the bad weather peonies are scarce and sell at from 3 to 6 cents. Hartsii and callas sell from 50 cents to \$1 per dozen. In greens, smilax is scarce at from \$12.50 to \$15; asparagus, 50 to 75 cents; eastern ferns, though they are poor, \$2 to \$2.50 per 1,000. There are but few new ferns on the market as yet, and they are very soft. It will be two weeks before these ferns will be at their best.

Various Items.

The florists back of Price Hill are reporting considerable loss of carnation plants in the field through rabbits. These animals eat the soft young plants down to the ground; they will grow up again, but into very inferior plants. William Murphy says they seem to be especially fond of Estelle plants, as they will pick that variety out of a field and leave others untouched. C. C. Murphy has already lost about one-half of his field stock, which will compel him to buy plants this fall to fill up.

Mr. J. A. Peterson's palm sale took place on Thursday last. It was a success and he is much pleased with the result. A number of the local craft were present; also Mr. John Bertermann of Indianapolis, Ind., and Mr. J. S. Wilson of Chicago.

A meeting of the florists of this city was held last Friday evening in the College Building to make arrangements for a florists' picnic. A temporary organization was effected, with C. J. Jones, president; F. Ball, secretary, and Deak Sunderbruch, treasurer. It was decided to hold a picnic at Coney Island, Thursday, July 18. The following committee of nine was appointed to make the necessary arrangements: C. Critchell, L. Kirk, H. Schwartz, O. Walke, F. Benson, A. Heckman, G. Adrian, W. Schuman, Jr., and Ben George. This committee will hold a meeting on Friday evening, May 31, to start things.

Of the growers holding stands in the Jabez Elliott flower market, all will continue holding them with the exception of five, Messrs. J. T. Conger, Fred Walz, R. A. Murphy, Carl Schweitzer and J. A. Peterson. So far there are three new firms who have taken stands for this year, Sidney Murphy, Grove Bros. and Lewis Juniet.

Mr. H. M. Altick, of Dayton, O., was in the city Sunday. He reports that the floral business in the Gem city is poor, as is most every other business, owing to the number of men who are out on strikes.

The five 100-foot greenhouses owned by Ed. Fries, situated back of Newport, Ky., are for sale. Mr. Fries intends joining forces with his father, John Fries, who is erecting five houses 150 feet long, as an addition to his plant.

Mr. Heller, of the South Park Floral Co., Newcastle, Ind., was a visitor this week. The large ranges of glass that are being erected near that city are rapidly nearing completion. He reports stock looking in all shape.

C. J. OHMER.

BOSTON.

Trade Conditions.

During the week closing with the 25th a big lot of material came in, although as much of it as possible was kept back for the end of the month. But there was a surprisingly good call for all kinds of material for the date and Saturday we saw everything cleaned up in good shape, but of course prices ran a bit low all the week, matching those of the previous week exactly. Quality of the goods was hardly up to the mark. There were two reasons for this: Keeping them back as much as possible and the changeable weather. But Mark Twain tells us "New England weather is never quiet—it is always doing something!"

"Coming events cast their shadows before," and "Every cloud has a silver lining," but the shadow of our coming day has a silver lining, a greenback facing and golden trimmings. By the time you read this you will know whether my prophecy, herewith expressed, of a great plenty of goods, except roses, will be correct. Bet a cookie it is!

And what a day Memorial Day is getting to be for us! The florist gives more genuine satisfaction on that day than on any other, largely because the expense entailed is not severe to any one individual while the aggregate to the florist is considerable. The best part of the whole thing is that every cemetery gets better care during the whole year on account of it, doing away with the neglected look of so many small ones so

noticeable only a few years since. I wish I could feel as well disposed toward the results of floral art upon all occasions, but think I should better make a period here. But I want to record a hope that the floral monstrosities sometimes seen are the fault of the customer's taste rather than that of the maker.

J. S. MANTER.

CHICAGO.

The Market.

On Tuesday the wholesalers were in all kinds of trouble trying to find stock with which to meet the great shipping demand. Orders for Decoration Day were more numerous and larger than ever before and there was much less stock than usual at the season. One thing that helped to aggravate the situation was the failure of peonies to materialize in quantity. There was a serious shortage in everything and while prices were not generally elevated they were kept stiffly up to quotations, and many orders were necessarily cut short.

The only outdoor flower that cut much figure in the market was *Spiraea Van Houttei*, which sold well and was a big help.

Everything available was well cleaned up and the business, though much larger than last year as it was, would have shown a great deal larger increase had there been more stock to work with.

One thing that adds to the woes of the wholesalers at busy times is the telegram which reads, "Add to my order," without specifying the order or the date it is to be shipped. Shippers keep their orders by dates for shipping and not by names and with a host of orders for various days it is a case of looking through the whole bunch when the day is not given.

Various Items.

William Fancourt, well known to the trade for many years and who had been employed in many local establishments, died at the county hospital May 20 aged about 70 years.

Albert F. Amling, the Maywood florist, is vice president and a director of the Maywood State Bank.

Mr. E. S. Thompson, manager of the West Michigan Seed Co., South Haven, Mich., was a visitor last Tuesday.

Mr. John Munro has opened his city salesroom in the place formerly occupied by Poehlmann Bros. Co. in the building at 51 Wabash avenue.

Kennicott Bros. Co. received a shipment of snowballs from Lake City, Minn., last week though this shrub is not in bloom here yet. But snowballs stand little chance in the cut flower market nowadays.

The damage to the partly constructed greenhouse of Bentley & Co., at New Castle, Ind., which was blown down in the storm, was slight and the loss was merely the labor necessary to reconstruct it, and which \$100 will cover.

Mr. N. Wietor went on a fishing trip last week and he and a companion caught 160 lbs. of fish.

The chilly weather has very materially retarded the bedding out season and it may result in lessening the sales in this department. Some venturesome ones bedded out geraniums a week ago, but the plants show the effects of the

weather badly, and it will probably take them a long time to fully recover. Hardy plants and shrubs are, however, in unusually fine condition, though late in blooming.

Bowling.

In the fourth series of league games played last Tuesday night the Retailers won two games from the Growers and the Growers one from the Retailers, while the Wholesalers won two from the Seedsmen and the 53-men one from the wholesalers. Only one of those prizes was shaken from the tree and this fell into the hands of George Asmus for a score of 201. The scores follow:

RETAILERS.			
C. Balluff	142	155	163
E. Enders	145	156	172
O. Kretling	154	112	148
F. J. Hauswirth	156	116	169
George Asmus	156	111	201
755			714

GROWERS.			
G. Stollery	155	147	170
F. Matti	185	169	154
E. Bahl	108	123	112
F. Faulstich	120	155	170
F. Stollery	148	187	166
726			731

WHOLESALEERS.			
E. F. Winterson	135	130	191
M. Foerster	119	—	—
W. S. Heffron	103	123	—
Jno. Reardon	115	—	—
J. H. Deussen	124	148	144
G. L. Grant	139	123	163
Jos. Foerster	181	177	142
680			627

SEEDSMEN.			
Jno. Deegan	150	167	143
C. W. Scott	114	114	121
A. Henderson	148	104	121
J. H. Deussen	84	168	129
J. MacHutchison	99	105	111
584			655

Below we give the averages to date of those who have played in more than one series of games, omitting fractions where less than one-half and counting more than one-half as one.

Games. Total. High. Av.			
Jos. Foerster	12	2013	193
E. F. Winterson	12	2012	191
George Asmus	9	1489	201
C. Balluff	12	1398	214
E. F. Winterson	12	1293	202
G. Stollery	12	1855	199
F. Matti	12	1872	165
John Deussen	12	1848	157
F. J. Hauswirth	9	1344	173
J. H. Deussen	11	1595	166
G. L. Grant	11	1209	174
N. A. Schmitz	9	1240	178
C. Huns	6	628	114
C. A. Hunt	6	775	127
C. W. Scott	11	1348	168
W. S. Heffron	11	1342	184
O. Kretling	12	1430	154
W. Kretling	6	711	144
A. Henderson	6	705	117
W. Nague	10	1075	168

ST. LOUIS.

The Market.

A slight improvement has been felt in the cut flower circles during the past week. The retailers have realized better prices owing to the fact that the fakirs have been kept off the streets. The supply of high-grade stock is falling off somewhat. At this writing stock is a little scarce, especially roses, and the price is up a notch or two, that is for first-class stock; on common stuff the price continues low.

Best grade American Beauties sell at \$2.50 per dozen. The best grade in Meeters, Maids, Brides and Golden Gates sells at from \$4 to \$5; seconds at \$3, short-stemmed stuff as low as \$1 per 100. Some really good Jacks are now coming in and sell at \$3 per 100.

Carnations are coming in in great quantities every morning and during the past week many remained unsold, and of course go to the waste pile. Only the best of stock is selling and brings from \$1 to \$1.50 per 100. Common in whites bring 50 cents; common in colored have little call.

Sweet peas are also very plentiful now and good in quality; the only fault with

them is that the stems are very short, 25 and 30 cents is the price asked; in 1,000 lots they go at 15 and 20 cents. Peonies, white, pink and red, are becoming very plentiful and bring 3 and 4 cents and about \$2 in 1,000 lots. Quality of stock good. Gladioli spikes are now coming in and have quite a demand. The best spikes bring 5 cents each. Cornflowers are not selling well at 25 cents per 100. Some extra fine white lilac from Gasser, of Cleveland, was seen at Kuehn's the past week. It sold well at \$4 per 100 sprays. Smilax is selling at 15 and 20 cents per string, according to quality, and is not in oversupply.

Damage by Hail.

The terrific downpour of rain and hail, accompanied by a high wind on last Thursday afternoon and night caused great damage to some of our florists, the parks and the residence part of the city. Much damage was done in the parks and many fine trees were blown down. The following florists suffered loss by hail: Charles J. Juengel, 457 panes of glass; Meyer Bros., about 300 small panes; Wm. Schray, 75, and F. J. Fillmore, 25. The damage at John Walther's place at 3645 Iowa avenue will be about \$30. Fifteen fine large trees on ex-Gov. Francis' place on Maryland avenue were broken off short. The loss to the city parks amounts to about \$200 in all.

Notes.

Arnold Ringier, the popular salesman representing W. W. Barnard & Co., Chicago, was in town last week and reports the best trade in his line. Mr. Ringier is now known as Doctor Ringier. He was attacked in the hotel by a crazy person who mistook him for a doctor and only for the promptness of the manager of the hotel Arnold would have had to stay with us a few weeks longer.

Mrs. Oughton, mother of Wm. Oughton, the well known Washington avenue florist, died last Monday at her home on King's highway. Mrs. Oughton was well known among the craft, as she did all the buying at the wholesale houses. Mr. Oughton and his sister have the sympathy of all the florists.

Carew Sanders, one of the oldest and well known florists and nurserymen, who has been very sick the past two weeks has had a relapse and at this writing his condition is quite serious.

The exhibition committee met at Ellis' place on Saturday night and worked on the premium list. Chairman Meinhardt has taken hold and with the assistance of Secretary Schray and Treasurer Sanders will make the show a good one. The rest of the committee, Messrs. Windler, Ellis and Mohr, are good workers, too, and the show cannot help being a great success. All the members of the club should take hold now and give the committee all the assistance they can.

Club Meeting.

The St. Louis Florists' Club will hold its next regular meeting on Thursday afternoon, June 13, at 3 o'clock, in the Commercial Club rooms at Belleville, Ill., the home of the president of the club. President Guy has requested your correspondent to state in the next issue of the REVIEW that he expects each member of the club to make special arrangements ahead so that nothing will stand in the way of his attending this meeting. The Belleville members of the club have made special arrangements for entertaining the members. The meeting

will be of great importance to all of the members and they should attend without fail. The chairmen of the different committees will make their reports. Four essays are also to be read. Those who fail to attend will miss a good time.

Bowling.

The bowling club on last Monday night rolled five games with seven bowlers in attendance. Some very good scores were made; still, they are not up to the best of the members. F. M. Ellis, our new member, is improving each night. J. W. Kunz could not attend, owing to bad eyes which have troubled him for some time. The busy time for the grocers will soon be over and Sanders, Schray, Deyer and Miller will again be on hand every Monday night. The rolling of last Monday night ended the May series of sixteen games. C. A. Kuehn was high scorer for high single score and high average. The May series ended as follows:

Number Games.	Total Score.	High Average.
C. A. Kuehn.....	13 2144	219 165
A. Y. Ellison.....	11 2147	210 154
J. W. Kunz.....	4 627	169 107
J. J. Benke.....	16 2327	177 146
F. C. Weber.....	13 1777	139 116
Will Adels.....	14 1864	177 133
F. M. Ellis.....	8 980	156 123
John Young.....	31 1200	151 118

The scores of Monday, May 27, were as follows:
C. A. Kuehn.....154 161 174 ... 489 163
A. Y. Ellison.....156 142 182 ... 479 167
J. J. Benke.....137 177 143 ... 457 143
F. C. Weber.....159 125 138 146 147 709 142
Will Adels.....141 128 137 109 177 692 138
F. M. Ellis.....156 127 115 128 104 644 122
John Young.....120 111 107 151 ... 489 152

J. J. B.

PAWTCCKET, R. I.—Gray & Schuyler are building greenhouses at 146 Cottage street, and will do a general business.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. No advertisements not admitted under this head.
Every subscriber is entitled to a free advertisement not exceeding 35 words in an issue circulated during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Good rose and carnation grower; good salary and steady work; must be a good worker and understand general greenhouse work; single, 40 years of age. **Missoula Nursery Co., Missoula, Mont.**

WANTED—All-round experienced florist; state wages wanted with room and board; steady position for right party. **Law Bros., Butte, Mont.**

WANTED—A man handy with tools, for work about greenhouses; one with some knowledge of the business preferred; steady position to right party. **Address M. T. care Florists' Review.**

SITUATION WANTED—As foreman, by steady young man; good grower of carnations, roses, mums, and general bedding stock; also capable of design work; the best of references as to ability, honesty, etc. **Address W. M. care Florists' Review.**

FOR SALE—3 new carnation boxes, 17x18; 15 acres fine land, large dwelling; near 180 large New York State cities, bargain for some one; part cash. **Address G. care Florists' Review.**

FOR SALE—\$1000—Greenhouses and flower store combined; central location, transfer corner; ornamental and nursery stock, saddle back boiler, two basins, working and delivery wagons. For particulars address **the Florists' Review**, or **Carlson, 500 Haight St., San Francisco, Cal.**

FOR SALE—Florist establishment, in best city in Wisconsin; 1200 population; 1,500 feet of glass; office connected with residence; center of town; lot 60x100; street cars pass door; owner must leave for Europe July 1st. If you are looking for a good thing write **G. K. care Florists' Review.**

FOR SALE—1000 feet or more of Hitching's 4-in. pipe, as good as new. Price per foot delivered on cars here, in lengths of 3 and 4 pipes each. **Joseph Bradbury, South Orange, N. J.**

WANTED—A man that can grow violets and carnations for wholesale market to run place on shares, or will rent. **Commercial, care Florists' Review.**

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some extra guaranteed sound. **W. H. Salter, Rochester, N. Y.**

VINCAS, Extra Fine. We can fill your order AT ONCE with the best stock on the market.

Vines 2 to 3 feet long.	\$10.00	and \$15.00; 2 in.	\$2 75	2 1/2 in.	\$3.00	3 in.	\$4.00	3 1/2 in.	\$6.00	Per 100
Ageratum, 2-inch.....	\$4.00									
Alyssum, Double, Giant, 2 1/2-inch.....	2.00									
Alternanthera, R. & Y., 2 1/2-inch.....	3.00									
Canna, 3 1/2-inch.....	8.00									
Coleus, 2 1/2-inch.....	3.00									
Chrysanthemums, assorted, 2 1/2-inch.....	3.00									
Copa Scandens, 2 1/2-inch.....	3.00									
Cubena, 2-inch.....	2.00									
Dahlia, 3 1/2-inch.....	6.00									
Fuchsia, 2 1/2-inch.....	3.00									
Mars, 2 1/2-inch.....	4.00									
Mrs. Parker, 2 1/2-inch.....	8.00									
Silver Leaf, 2 1/2-inch.....	4.00									

GERANIUMS.

Per 100	Per 100	Per 100								
Begonia Rex.....	\$2.00	Petunia, single.....	\$1.25							
Begonia Verbanas.....	1.50	Geraniums, large, assorted.....	1.75							
Stevia Var.....	1.50	Verbenas.....	.75							
Verbenas.....	.75	Fuchsia, single.....	1.25							
Fuchsia, single.....	1.25	double.....	1.50							
Alternanthera, R. & Y.....	.60									

Write for prices on large quantities. Remember we can fill your order on receipt. Terms Cash or C. O. D. **GREENE & UNDERHILL, - - WATERTOWN, N. Y.** Mention The Review when you write.

FOR SALE—Two greenhouses; a well established trade, land, stock and supplies; well situated in a city of 10,000 inhabitants; terms very easy. **Address 29, care Florists' Review.**

WANTED—Man with considerable experience, to manage palms and fern business. **Address Aug. S. Swanson, 117-119 Endicott Arcade, St. Paul, Minn.**

WANTED—100 ft. of good second hand 1-inch pipe. **Meyer & Behring, 1113 15th St., Rock Island, Ill.**

BOILERS FOR SALE. Two No. 10 Furman Boilers, heated 20,000 feet glass last seven winters. Price \$225.00 each. It's a good bargain.

JOHN A. SALZER SEED CO., La Crosse, Wis.

SITUATION WANTED

By a thoroughly up-to-date young man, 35 years of age. **A Decorator and Designer second to none,** with best references in the country, wants a permanent position. **Address Salesman, care Florists' Review.**

FOR SALE!

80 boxes of 16x 18 D. S. A. glass. **Address Box 493, Fairmont, Minn.**

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG, Publisher, Buffalo. **Mention THE REVIEW when you write.**

GERANIUMS.

FINEST SORTS FOR PLANTING. \$2.00 per hundred.

W. L. SMITH, AURORA, ILL. Mention The Review when you write.

GERANIUMS.

A fine lot of 3-inch, strong healthy plants. **White Double, Bruins, Scarlet Double, Naema, Double Pink, Single Gen'l Grant** and others at \$3.50 per 100, \$20.00 per 1000, assorted. **Mme. Salleri, 3 in.** \$3.00 per 100; **2 1/2 in.** \$2.00 per 100.

COLEUS.

Five sorts, 2 1/2-inch pots. 12 sorts, mostly **Verschaffeltii** and **Fibrebrand**, \$2.00 per 100, \$18.00 per 1000.

FERNS.

Bostons. 3-in. pot, grown strong plants, \$ 8.00 per 100. 4-in. " " 10.00 " 6-in. " " 18.00 " **Zophrotelis Cordata Compacta.** 3-in. " " \$ 8.00 per 100. 4-in. " " 10.00 " 6-in. " " 20.00 " A very fine stock of the above 2 sorts of ferns. Satisfaction guaranteed. Cash with order, please.

CRITCHELL'S

Station 1, CINCINNATI, O. Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS, The Exotic Nurseries. **DAYTON, OHIO.** SEND FOR PRICE LIST. Mention The Review when you write.

Send to **THE MOON** Company For { Trees, Shrubs, Vines, Your } and Small Fruits. Descriptive Illustrated Catalogue Free. **THE WM. H. MOON CO., Morrisville, Pa.**

Always mention the Florists' Review when writing advertisers.

PITTSBURG.

The Coming Flower Show.

A special meeting of the Florists' Club was held at the Cut Flower Co.'s store, 504 Liberty street, to consider arrangements for and details of the rose show to be held by the club in this city June 13. The school room of the First German Evangelical Church, corner of Smithfield street and Sixth avenue, has been secured for the show. It is a most excellent place and in the very center and most convenient part of the city.

While outdoor roses are to be the main feature of the exhibition, all manner of other hardy flowers are to be included; also an exhibit of greenhouse flowers. And Dr. Holland, the director of the Carnegie Museum, has kindly undertaken to get up a large collection of wild flowers and name them properly and exhibit them at our show.

Everything looks fair to having a very interesting exhibition and the club members are going into it with a hearty good will. The professors of botany in the high schools have asked permission to bring their classes in a body to see the flowers, and amateurs, gardeners and park men are enthusiastic in the matter, and so are the church folks, for they have given us the use of their church without money and without price. No prizes will be given and no admission charged. Everything will be free; the club bears all expenses.

Now if any one of our good friends throughout the country have any roses or other flowers, hardy, tender or wild, they wish to show to our Pittsburg people, and they will kindly send them here so as to reach us on June 12, we shall be glad to have them and shall take care of them and stage them and affix name and address of donor to them. Please address boxes to Pittsburg Cut Flower Co., 504 Liberty street, Pittsburg, and mark on each box or basket "For Florists' Club," and they will be taken proper care of. After the show the flowers are to be sent to the different hospitals. P. A.

ROCHESTER, N. Y.—The annual convention of the American Seed Trade Association will be held in this city June 11 to 13. Headquarters will be at Powers' Hotel, rates \$3 to \$4 a day. American plan. Rooms may be reserved by addressing Mr. W. J. Mandeville, this city.

HOLYOKE, MASS.—At the annual meeting of the Horticultural Society officers were elected as follows: Dr. E. A. Reed, president; A. F. Sickman, vice-president; G. H. Sinclair, secretary; C. E. Mackintosh, treasurer.

NIAGARA FALLS, N. Y.—The headquarters of the American Association of Nurserymen during the annual convention, to be held here June 12 to 14, will be at the Cataract House.

IN THE advertisement of Messrs. Welch Bros. on page 843 of our last issue the quotation of \$1.50 per 1,000 applied to dagger ferns only and to nothing else in the ad.

SOUTH HAVEN, MICH.—A heavy frost on May 14 did serious damage to the fruits in this section, destroying many of the blossoms.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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Bassett & Washburn

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Wholesale Growers of
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Don't forget we are at 4 WASHINGTON
STREET, CHICAGO.

Write for special quotations on large orders.

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J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

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GROWER of

CUT FLOWERS

FRANK GARLAND,

WHOLESALE GROWER
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55-57 Wabash Avenue,

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C. A. KUEHN

WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
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Special Attention given to Shipping Orders.

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THE LARGEST,
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MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.32, 34, 36 Randolph St.
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Wholesale
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CUT FLOWERS,

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Shipping orders receive prompt and careful attention.

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Headquarters for All School Closing Novelties and
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500,000 Dagger Ferns

NEW CROP, \$1.50 per 1000.

WELCH BROS., 15 Province St., BOSTON, MASS.

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CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...
CUT FLOWERS.
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

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Maplewood Cut Flower and Plant Co., GEO. M. KILLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We
have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of
points in Minnesota, both Dakotas, Montana,
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TRY US.

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ONE DOLLAR FIFTY PER 1000 FOR BRONZE

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

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Abutilons. Eclipson, Souv. de Bonn. \$2.50 per 100. C. L. Reese, Springfield, Ohio.
Abutilons, 6 colors, 2½-in., \$1.50 per 100. Good & Reese Co., Springfield, Ohio.

ACALYPHA.

Acalypha Sanderi, 2½-in., \$2.50 per 100. Good & Reese Co., Springfield, Ohio.

AGERATUM.

Ageratum Stella Garnsey, from 2½-in. pots, \$2.50 per 100. Rooted cuttings, postpaid, \$1.50 per 100. Cash, R. Vincent, Jr., & Son, White Marsh, Md.
Ageratums Snow Drift, Princess Pauline and Stella Garnsey, from 2½-in. pots, \$1.50 per 100. Buckley Plant Co., Springfield, Ill.

Ageratum Blue Beauty, from flats, in bud, \$1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.
Princess Pauline, 2-in., \$2.00 per 100. Walker Bros., Hollis, Bro. of Queens, N. Y.

Ageratum, 2-in., \$4.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

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Alternantheras, red and yellow; fine plants, \$5.00 per 1000; strong rooted cuttings, \$2.00 per 1000. Rose Hill Greenhouses, Columbia, S. C.

Alternantheras, per 100; Red and yellow, 2½-in., \$2.00 rooted cuttings, 60¢. Cash, Greene & Underhill, Watertown, N. Y.

Alternantheras, red and green; strong 2½-in., \$1.25 per 100; \$12.00 per 1000. Buckley Plant Co., Springfield, Ill.

Alternantheras, 6 varieties; strong plants, 2½-in., \$2.00 per 100; \$15.00 per 1000. C. Winterich, Defiance, Ohio.

Alternantheras, red, yellow, pink, strong plants; 2-in., \$2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red, \$1.50; yellow, \$2.00 per 100. Cash, Jos. H. Cunningham, Delaware, O.

Alternantheras, red, also pink, \$2.00 per 100. Morris Floral Co., Morris, Ill.

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Boston ivy, \$2.50 per 100. John A. Doyle Co., Springfield, Ohio.

JASMINE.

Jasmines, Grand Duke, 2½-in., \$3.00; Maid of Orleans, 2-in., \$2.50 per 100. Good & Reese Co., Springfield, Ohio.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

LANTANAS.

Lantana, good varieties and weeping, 2 and 2½-in., \$2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Lantanas, assorted, 2½-in., \$3.00 per 100. Cash. G. W. Weatherly, Chillicothe, Mo.

Weeping lantana, 2-in., \$2.00 per 100. Walker Bros., Hollis, Boro of Queens, N. Y.

LOBELIA.

Lobelia Crystal Palace Gem, 2½-in., \$1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

Lobelia, 2½-in. pots, \$2.50 per 100. Nathan Smith & Son, Adrian, Mich.

MOONVINE.

Moon flower, 4-in. (staked), \$6.00 per 100. James Frost, Greenville, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtium, dwarf, also tall, 2½-in., \$1.00 per 100. Cash. Morris Floral Co., Morris, Ill.

ORANGES.

Osabete Oranges. Per 100. 2½-in. pots, \$3.00; 2½-in. pots, 5-in. pot, \$2.00; 5-in. pots, 2 ft. high, \$10.00 per 100. The McGregor Bros. Co., Springfield, O.

ORCHIDS.

To close an estate, Cypripedium insignis, 6-in. pots, good, healthy plants, \$3.00 per doz.; \$18.25 per 25; \$30.00 per 50; \$55.00 per 100. Special prices larger lots. Cash or C. O. D. M. L. Sallinger, 112 Washington St., Mt. Vernon, N. Y.

We have always on hand a stock of established and unestablished orchids. A number of vases now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at \$3.00 per dozen; 100 roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and ready to ship. It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be able to do this. Write valued patron KENTIA BELMOREANA.

Size.	Height.	No.	Per
Feet.	Inches.	Leaves.	Each.
2½	8 to 9	3 to 4	..... \$1.50
3	10 to 12	4 to 5	..... 2.00
3½	12 to 14	5 to 6	..... \$2.50
4	14 to 16	5 to 7	..... 4.00
4½	16 to 20	6 to 7	..... 7.50
6	20 to 22	6 to 7	..... 125.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.
2½	8 to 9	3 to 4	..... \$1.50
3	10 to 12	4 to 5	..... 2.00
3½	12 to 14	5 to 6	..... \$2.50
4	14 to 16	5 to 7	..... 4.00
4½	16 to 20	6 to 7	..... 7.50
6	20 to 22	6 to 6	..... 125.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.
3	12 to 15	5 to 6	..... \$1.50
4	16 to 18	5 to 7	..... 2.50
6	20 to 24	6 to 8	..... 6.00

ARECA LUTESCENS.

Pot.	Height.	Leaves.	Each.	Doz.
2½	6 to 8	3 plants in pot	..... \$1.00
3	12 to 14	3 plants in pot	..... 2.00
3	18 to 20	3 plants in pot	..... 4.00
6	20 to 24	3 plants in pot	..... 7.50

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.
3	4 to 6	3 \$1.50	

PHOENIX CANARIENSIS.

3-inch pot, 6 to 8 leaves, \$1.50 per dozen; \$10.00 per 100.

PANDANUS.

Yelchli, 7-inch, strong, \$2.25 each. Yelchli, 8-inch, strong, \$3.00 each. SANSVERGIA JAVA VAR. Strong plants, per dozen, 3-inch, \$1.43; 4-inch, \$2.00; 6-inch, \$3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago, Ill.

LANTANAS. Per dozen; 1-in. pots, 1 plant to pot, \$15.00; 3-in. pots, 7 plants to pot, \$18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 feet in h't. and dia., 12 to 14 to \$25.00.

J. W. COLPESH, 63rd and Woodland Ave., Philadelphia, Pa.

Lantania borbonica, strong, 3-in., \$5.00 per 100; 2½-in., \$4.00 per 100; 5-in. pots, \$5.00 per doz.; 8-in., \$5.00 per doz. Walker & McLean, Youngstown, Ohio.

PALMS Continued.

LATANIA BORBONICA, 20,000 cheap for cash. Inch inches No. Price Per 100. 3 high, leaves, each, 10, 100, 1000. 3 to 10 to 3 to 4 \$0.05 \$0.45 \$ 4.00 \$23.00 4 to 15 13 to 5 to 6 \$1.20 19.00 35.00 5 to 15 to 20 to 4 to 6 .28 2.70 28.00 350.00 6 to 20 to 22 to 6 to 6 .45 4.00 28.00 350.00 7 to 20 to 28 to 6 to 8 .75 7.00 85.00 350.00 3 plants in 8-in. pots, 24 to 27 inches high, 3 to 10 to 10 leaves, \$1.10 each, \$10.00 per 10, \$90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.

W. J. HESSER, PLATSMOUTH, NEB.

Fresh seeds of Kentia Belmoreana or Forsteriana, 50c. per 100; \$4.00 per 1000. Coccos Weddelliana, 75c per 100; \$6.00 per 1000. Pandanus utilis, \$1.00 per 100; \$7.50 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Fresh seeds of Kentia Belmoreana and Forsteriana at \$4.50 per 1000; 5.00 and up, \$4.00 per 1000. Areca tucensis, 50.00 per 1000; 5000 and up, \$5.00 per 1000. J. M. Thorburn & Co., 28 Cortland St., New York.

Palms. *Corypha australis*, 25-in., \$3.00 per 100. *Phoenix canariensis*, 25-in., \$2.00 per 100. *Phoenix dactyloides*, 25-in., \$2.00 per 100. Kentia Belmoreana, fine, healthy stock, 2-in., \$7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Pandanus utilis, 3-in., \$3.00 per 100. Cash. C. Mearns & Son, Mentor, Ohio.

Fine, clean stock; growth cool. J. B. Helms, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Fine young oasny plants of the Jennings' strain, in bloom, \$1.50 to \$2.00 per 100. Strong young plants, to transplant, \$1.00 per 100; these are not overgrown, but are outdoor plants and will not suffer by shipping. Cincinnati Floral Co., 233 Harrison Ave., Cincinnati, Ohio.

Pansies. Fine stocky plants, in bud and bloom, from cold frame, \$1.25 per 100; \$10.00 per 1000. Cash with order. Peter Brown, Lancaster, Pa.

Pansies, \$4.00 per 1,000 by adv., 60c per 100 by mail. From seed bed of fall-sown, choice, selected seed. W. C. Jennison, Natick, Mass.

Pansies. Choice plants, \$1.00 per 100; small plants, 50c per 100. Martinsville, Ind. Co., Nixon H. Gano, Mer., Martinsville, Ind.

Strong pansy plants, from cold frame, in bud and bloom, \$1.25 per 100; \$10.00 per 1000. Buckley Plant Co., Springfield, Ill.

For the finest pansies in the market write Geo. Sanderson & Sons, Elm St., Weston, Mass.

Best pansy in the market, \$2.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

PELARGONIUMS.

Pelargoniums, named varieties, 3-in., \$4.00 per 100. Cash. S. D. Brandt, Clay Center, Kan.

PETUNIAS.

Petunias, finest fringed and mixed, Dreer's best double, 2-in., \$2.00; 3-in., \$3.50; in bud and flower. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, white, pink, purple and blotched, strong 2 1/2-in., \$1.50 per 100; \$12.00 per 1000. Buckley Plant Co., Springfield, Ill.

Petunias, Dreer's strain, 2 1/2-in., \$3.00 per 100. Cash. G. W. Weatherly, Chillicothe, Mo.

Dbl. fringed petunias, rooted cuttings, \$1.00 per 100. Krueger Bros., Toledo, Ohio.

Double fringed petunias, 2-in., \$2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Petunias. Double fringed, \$3.00 per 100. C. L. Reese, Springfield, Ohio.

PRIMROSES.

Dreer's Prize Primulas. *Alba magnifica*, the finest white; *Rubra*, a good dark red; *Kermesina splendens*, rich crimson; *Chewick Red*, bright red; *Holburn Blue*, Rosy, for rose pink; *Punctata elegantissima*, spotted; *Robusta grandiflora*, mixed, a very strong-growing type; *Penn-leaved*, mixed, and *Dreer's Choclate Mixture*, made up out of the finest named sorts. Price per 1/2 of the above, \$1.00 per trade pkt., 60c per 1/2.

H. A. DREER,
714 Chestnut St., Philadelphia.

Primula obconica and Baby Primrose, 2 1/2-in., \$1.00 per 100. Chinese white and pink, 2 1/2-in., \$2.50 per 100. Good & Reese Co., Springfield, O.

Baby Primroses. Good stock from 2 1/2-in. pots, \$2.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

500 Baby Primroses, 2 1/2-in., \$1.50 per 100. Cash. Raney Bros., West Grove, Pa.

Chinese primroses, 2 1/2-in., mixed, \$2.00 per 100. Morris Floral Co., Morris, Ill.

PLANT LIST.

SPECIAL TRADE LIST.
Ageratum Princess Victoria Louise, new, 2 1/2-in. pots, \$4.00 per 100.

Ageratum variegated, elegant plants for borders, 2 1/2-in. pots, \$3.00 per 100.

Anthericum, strong plants, 4-in. pots, \$1.00 per 100.

Bouvardias, double and single white, single pink, scarlet and Humboldtii, 2 1/2-in. pots, \$1.00 per 100.

Canna Florence Vaughan, well established plants from pots, \$6.00 per 100.

Clematis ginculata, 2 years old, 4-in. pots, \$1.00 per 100.

Clematis paniculata, 1 year old, 3-in. pots, \$3.00 per 100.

Dracaena indivisa, 4 1/2-in. pots, \$3.00 per doz.

Echeverria (The Queen of the Alps), produces a beautiful white everlasting flower, useful in finest design work. Plants from 2-in. pots, \$1.00 per 100.

Echeverria glauca, fine plants, \$1.00 per doz.

Forget-me-not Palustris, Pheasant's Eye, This is an improved summer flowering Forget-me-not. Clumps, \$4.00 per 100.

Lobelia Emperor William, 2 1/2-in. pots, \$1.00 per 100.

Phoenix reclinata, fine plants, 4-in. pots, \$3.00 each.

Semprevivum geranium, 3-in. pots, \$4.00 per 100.

Semprevivum tartaricum, \$3.00 per 100.

Variegated yuccas, elegant plants for center pieces, \$3.00 per pair.

C. EISELE, 11th and Jefferson Sts., Philadelphia, Pa.

Decorative and flowering plants for spring and summer season.

Boxwood (Pyramids), from \$1.50, \$2.00, \$3.00, \$4.00 and \$5.00 a pair. Also crowns of Boxwood, stem about 3 feet high, \$3.00, \$4.00 and \$5.00 a pair.

Crown Bay Trees, \$15.00, \$30.00, \$25.00 and \$35.00 a pair.

Kentias, all sizes. Latania, 50c to \$2.00 each. Areca, 3 in a pot, \$4.00 per doz. Rubbers, 3 feet high, \$6.00 per doz. Araucaria Excelsa, \$1.50 and \$1.50 each. Araucaria Robusta, \$1.00 up to \$5.00 each. Araucaria Glauca, \$2.00 up to \$4.00 each.

Great Bay plants, \$4.00 to \$15.00 each; 3 to 6 fruits each.

Hydrangeas, in pots, \$50.00, \$75.00, \$100.00 each. For lawns, etc., in bud. Also some in bloom now.

Goat Ferns, 50c, \$1.00, \$1.50 and \$2.00 each, fine plants.

CUT FLOWERS.

Valley, selected, \$3.00 per 100; first size, \$2.00 per 100. Very fine flowers. Can supply all the year around.

A. SCHULTHEIS, P. O. Box 78, Queens Bor., N. Y., College Point, L. I.

POINSETTIAS.

Poinsettia pulcherrima, the favorite Christmas plant. Strong spring struck plants from 2 1/2-in., \$5.00 per 100. Ready June 15. Wm. Scott, Main and Balcon Sts., Buffalo, N. Y.

PRIVET.

CALIFORNIA PRIVET. Per 1,000
One year, 10 to 15 inches.....\$ 8.00
One year, 15 to 18 inches.....10.00
One year, 18 to 24 inches.....13.00
Two year, 15 to 24 inches.....25.00
Three yr., 4 to 6 ft. for sale by the 100.....90.00

For terms, call on Myrtle, \$1.25 per 100. ATLANTIC COAST NURSERIES, Office 604 4th Ave., Asbury Park, N. J.

PRIVET.....\$1.25 1,000
12 to 15 inches.....10.00
15 to 18 inches.....13.00
18 to 24 inches, finely branched.....25.00
Elizabeth Nursery Co., Elizabeth, N. J.

ROSES.

Rose Plants from 2 1/2-in. pots. Liberty, \$10.00 per 100; \$80.00 per 1000; American Beauty, \$6.00 per 100; \$50.00 per 1000. Golden Gate, \$10.00 per 100; \$80.00 per 1000. Bride, Meteor, Kaiserin, Perle, \$2.75 per 100; \$25.00 per 1000.

American Beauty, 3-in. pots, \$8.00 per 100; \$75.00 per 1000. Brideismaid, Meteor, Bride, Golden Gate, 3-in. pots, \$4.00 per 100; \$35.00 per 1000.

Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG,
51 Wabash Ave., CHICAGO.

ROSE STOCKS.

Brides, Maids, Kaiserins, Carnots, Meteors, and Perles:
2-in. \$2.00 per 100, \$20.00 per 1000
3-in. 7.00 per 100, 65.00 per 1000
4-in. 8.00 per 100, 75.00 per 1000
2 1/2-in. \$6.00 per 100, \$60.00 per 1000
W. H. ELLIOTT, Brighton, Mass.

Hardwood Jacks, from 3-in. pots. We have 16,000 plants of this variety in superb condition; strong, well rooted. All in every way, \$6.00 per 100; \$50.00 per 1000. Queen of the Valley, strong plants from 3-in. pots, \$2.00 per 100; \$20.00 per 1000. American Beauty; strong, well rooted plants, from 2 1/2-in. pots, ready for a shift; very clean; \$5.00 per 100; \$50.00 per 1000. This stock is in the pink of condition. The Dinges & Conrad Co., Philadelphia.

Clean, healthy stock, 2 1/2-in., \$2.00 per 100, \$18.00 per 1000, of the following varieties:

Universal Favorite, C. de La Barthe, C. Souper, Dr. Grille, Evering Gem, H. H. Stanley, Pink Roamer, Queen's Scariat, Gen. De Turck, Acropolis, Mandel's Triumph, A. Ferairo.

H. W. DUCKBEE, Rockford, Ill.

15,000 Roses—Stock healthy, 16,000 nice plants of Brides, Maids and Kaiserin from 3-in. pots, at \$4.00 per 100 or \$35.00 per 1000; 4,000 Nides and Maids from 2 1/2-in. pots, ready for shift, at \$20.00 per 1000. In barain. Also 100 Kaiserin from 4-in. pots at \$10.00 per 100. Just right for planting. 2000 Major Bonaffant mums, from 2 1/2-in. pots, at \$1.00 per 100. Write for prices. J. C. Underwood, W. T. Hillborn, Newtown, Buck Co., Pa.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2 1/2-in. and 3-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Deussen, Philadelphia.

New Roses—The Baltimore, color a light pink and of the largest size, \$5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, \$5.00 per doz. Cash with order. John Cook, 313 N. Charles St., Baltimore, Md.

Roses. About 4,000 H. P., such as Jack, Brunner, Mrs. John Laing, Magna Charta and others, in pots and boxes, have been forced once, at \$3.00 per 100. Cash. Shady Side Greenhouses, Box 170, Paterson, N. J.

Roses, choice 3-in. plants ready for immediate planting. For 2 1/2-in. and 3-in. plants, Maid, Bride, Golden Gate, \$12.00, 10 sample plants (to florists only) for \$1.00. J. L. Dillon, Bloomington, Pa.

Roses. Good healthy plants of Kaiserin Augusta Victoria, 3-in., \$4.00 per 100; \$35.00 per 1,000; 2-in., \$2.00 per 100; \$25.00 per 1,000. Cash with order. Geo. A. Magnuson, 2009 No. Western Ave., Chicago.

Roses. Gates, Maids, Brides, Meteors, 2 1/2-in., \$3.00 per 100; \$25.00 per 1,000. Gates in 2 1/2-in., \$2.00 per 100. Cash with order. 3-in., \$4.00 per 100. Pochmann Bros. Co., Morton Grove, Ill.

A few thousand strictly first-class, 2-in., Meteor rose plants at \$3.00 per 100. Maids, Brides, 2-in. and Gates, 2 1/2-in., \$2.50 per 1,000. J. A. Budlong, 37 Randolph St., Chicago.

Roses, fine plants, 5-in., 9c. C. Souper, Jacqueminot, C. des Blancches, C. des Alps, etc. Queen of the Valley, same size, \$2.00. Cash. W. H. Salter, Rochester, N. Y.

Bride and Brideismaid, from grafted plants potted in sterilized, from 4-in. pots, \$10.00 per 100; \$80.00 per 1000. Geo. E. Parker, 67 Washington St., Dorchester, Mass.

Rosea. Fine, strong plants from 2 1/2-in. pots. Bride, Brideismaid and Golden Gate, \$2.75 per 100; \$25.00 per 1,000. Mrs. J. W. Crouch, Chattanooga, Tenn.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Ebbetts, Atkins, Rutherford, N. J.

Roses—2 1/2-in. pots. Brideismaid, \$3.00 per 100; \$25.00 per 1000. Brides, \$3.00 per 100; \$25.00 per 1000. Edw. J. Taylor, Southport, Conn.

Roses. Crimson Rambler, 3 and 4-in. pots, nice bushy plants. Price on application. Joseph Bradbury, South Orange, N. J.

Roses for forcing. Splendid young stock at \$2.00 per 100. Send 25c for samples. W. H. Guillet & Sons, New York.

Brides and Maids, choice plants 2-in., \$20.00; 3-in., \$35.00 per 1000. Samuel S. Pennock, 1612-18 Ludlow St., Philadelphia.

Kaiserin, first class stock, 3-in., \$4.00 per 100; 4-in., \$6.00 per 100. Cash with order. Jos. F. Smith, Burlington, N. J.

Bride rose plants, on own roots, 2 1/2-in., \$3.00 per 100. W. Wm. Colfeish, 53rd and Woodland Sts., Philadelphia.

American Beauties from 3-in. pots, \$3.00 per 100; \$30.00 per 1000. Jos. Heacock, Wynote, Pa.

Brides and Maids, strong, clean, 2 1/2-in., \$2.50 per 100. Krueger Bros., Toledo, Ohio.

Roses. Send for our surplus list. Phoenix Nursery Co., Box 65, Bloomington, Pa.

Rosea. Bride, Brideismaid, Golden Gate, \$2.00 per 100. C. L. Reese, Springfield, Ohio.

Brides and Maids, 2 1/2-in. pots, \$3.00 per 100. Walker & McLean, Youngstown, Ohio.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELLIA.

Russelia multiflora, 2-in., fine plants, 50c per doz., \$4.00 per 100. A. J. Baldwin, Newark, O.

SALVIA.

Salvia Bonfire, from 2 1/2-in. pots, \$2.00 per 100. Rooted cuttings, \$1.00 per 100, postpaid. Cash, H. Vincent, Jr., 100 W. Wash. Marsh, Md.

Holt's Mammoth Sage, strong rooted cuttings, \$1.00 per 100, \$5.00 per 1,000. Cash, Bend, Connell, West Gray, Pa.

SEEDS.

Cineraria Hybrida Grandiflora, the most brilliant coloring, pkt., about 500 seeds, 25c; 5 pkts., \$1.00.

Cineraria, dwarf flowering, pkt., 25; 5 pkts., \$1.00.

Primula Sinensis Fimbriata, in separate colors: Rose Splendens 25c 1.75

Araucanguinea, blood red, 25c 1.75

Alba, pure white, 25c 1.75

Ceruletta (True Blue), 25c 2.00

All mixed, 25c 1.50

Send for our estimate blank on all French and Dutch forcing bulbs, spiraea, azaleas, fern hails. We can save you 10 per cent on early orders.

H. H. BERGER & CO., 47 Barclay St., New York.

XXXX seeds, 15 varieties, primrose, large-flowering fringed, 50 cents; single and double, mixed, 50 cents; \$1.00; half pkt., 50c. Parsny, the best of the mammoth-flowering varieties, mixed, 4,000 seeds, \$1.00; half pkt., 50c. Cinerarias, large-flowering dwarf varieties, mixed, 10,000 seeds, 50c. Primula obconica hybrida, grand giant-flowering, mixed, 10,000 seeds, 50c. John F. Rupp, Shiremans-ton, Pa.

Wholesale price lists for florists and market gardeners.

A. H. Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Washburn Ave., Chicago.

Wardwell Dwarf Kidney Wax Beans, \$4.50 per bushel. Fred H. Burdett, Clifton, N. Y.

SMILAX.

Smilax, 2-in., \$1.00 per 100; \$10.00 per 1000. Cash, Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2-in., \$1.00 per 100; \$7.50 per 1000. Good & Reese Co., Springfield, Ohio.

Smilax, \$1.50 per 100, \$12.50 per 1000. A. M. Herr, Lancaster, Pa.

Smilax, 2 1/2-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

SPIRÆA.

1000 chrysopteris (blue spiraea), 2 1/2-in., \$2.00 per 100. Cash, Romeo Bros., West Grove, Pa.

Spiraea Anthony Waterer, 2 1/2-in., \$1.50 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia, per 100; 2 1/2-in., \$2.50; rooted cuttings, \$1.50. Foshimens Bros., Co. Morton Grove, Ill.

SWAINSONA.

Swainsona, white and pink, 2 1/2-in., \$2.50 per 100. Good & Reese Co., Springfield, Ohio.

VEGETABLE PLANTS.

10,000 horseradish plants, 8 to 10 in. long, \$2.00 per 1000 by express; large seedlings from flats, 3 to 5 in. long, 50c per 100; \$1.50 per 1000, 3,000 asparagus, Converse's, one year old roots, 50c per 100; \$3.00 per 1000. Cash, Ludwig Mosbach, 3000 Anthony Ave., near 26th Chicago Ave., So. Chicago, Ill.

Sweet potato plants. Vineland Nansemond Bush grows no runners; good yielder; extra fine quality, 75c per 100 by mail, \$5.00 per 1000 by express. Also extra fine strain Yellow Jersey, \$2.00 per 1000. N. O. Caswell, Delavan, Ill.

Sweet potato plants. White green, red and white Bermuda, Jersey yellow and red, \$1.75 per 1000; purple van, \$2.50 per 1000; Brazilian, \$4.00 per 1000. If mailed by mail add 15c per 100 plants. E. P. Hall, Shelbyville, Ky.

Cabbage—All Head, Wakefield, Winnigstad and Flat Dutch, \$1.25 per 1000. Tomato—Champion, Aristocrat and Stone, \$1.25 per 1000. Cauliflower—Golden Selfblanching, \$1.00 per 1000. W. D. Chase & Son, New London, Ohio.

Sweet potato plants. A large stock of clean, healthy plants. Big stem Jerseys, 75c per 100, \$7.00 per 1000. Cudville, 50c per 100, \$5.00 per 1000. All orders promptly filled. H. Austin, Felton, Del.

Beauty tomato plants, 15c per 100, \$1.25 per 1000. Jersey Wakefield cabbage, \$1.00 per 1000, \$10.00 per 10,000. Celery plants, June 10. Cash, Mrs. Griswold, Worthington, Ohio.

For cabbage, celery, egg, pepper, lettuce, best and tomato plants see our display adv. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants—Beauty, Champion, Matchless, Perfection and Imperial, \$1.50 per 100. Cash, Converse Greenhouses, Webster, Mass.

100,000 late cabbage plants, Flat Dutch, \$2.00 per 1000. Morris Floral Co., Morris, Ill.

VERBENAS.

Verbenas, per 100; 2-in., \$2.50; 2 1/2-in., \$3.00; rooted cuttings, 70c. Lemon verbenas, extra fine, 2-in., \$3.00, 2 1/2-in., \$4.00. 3-in., \$5.00. Cash, Greene & Underhill, Watertown, N. Y.

Verbenas, very best mammoth varieties, clean and healthy; 2-in. pots, \$3.00 per 100. N. J.

Mammoth varieties. Extra fine, coming in bud and bloom, \$1.50 per 100; \$15.00 per 1000. Cash, please, J. W. Miller, Hatton, Pa.

Mammoth verbenas, fine plants from flats, in bud and flower, 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, choice varieties in bud and bloom. Per 100, \$3.00; 2 1/2-in., \$4.00. J. L. Dillon, Bloomsburg, Pa.

Verbenas, 30 grand varieties, strong 2 1/2-in., \$1.00 per 100; \$10.00 per 1000. Buckley Plant Co., Springfield, Ill.

Verbenas, best varieties from 2 1/2-in., in bud and bloom, \$2.00 per 100. J. Palmer Gordon, Ashland, Va.

Lemon verbenas, 2-in., \$1.50 per 100. Good & Reese Co., Springfield, Ohio.

Verbenas, \$2.00 per 100. W. H. Gullett & Sons, Lincoln, Ill.

VINCAS.

Vinea, green trailing, Myrtle, \$1.25 per 100; \$10.00 per 1,000. Euconymus Japonica, green, 2 1/2-in. pots, \$2.50 per 100. For Privet see my ad under "Cuttings." Cash orders, please, Atlantic Coast Nurseries, office 606 4th Ave., Ashbury Park, N. J.

Extra fine vincas, vines 2 to 3 ft. long \$10.00 to \$15.00, 2-in., \$2.50; 2 1/2-in., \$3.00; 3-in., \$4.00. Cash, Greene & Underhill, Watertown, N. Y.

Vinea variegata, strong and fine, extra plants and 2 1/2-in., \$2.50 per 100; \$20.00 per 1,000. Big bargain. Geo. M. Brinkerhoff, Springfield, Ill.

Vinea Major, var. and green, 2 1/2-in., \$3.00; 4-in., \$6.00; 5-in., \$10.00; 6-in., \$15.00, \$30.00. Cash, please, W. Nelson, Box 9, Paterson, N. J.

Vincas. Strong vincas, 4-in., \$10.00 per 100. Geo. A. Rackham, 830 Van Dyke Ave., Detroit, Mich.

Vinea variegata, 2 1/2-in., \$1.50 per 100; \$12.50 per 1000. Good & Reese Co., Springfield, Ohio.

Vinea major variegata, 4-in., very strong, \$10.00 per 100. A. J. Baldwin, Newark, Ohio.

Vincas vines, green leaves, \$1.00 per 100. Cash, Jos. H. Cunningham, Delaware, Ohio.

Vinea major variegata, 2 1/2-in., \$3.00 per 100. Nathan Smith & Son, Adrian, Mich.

Periwinkle, 2 1/2-in., \$3.00 per 100. Cash, Chas. Zimmer, West Collingswood, N. J.

Vinea, green and variegated, \$1.50 per 100. James Frost, Greenville, Ohio.

Vinea var., 4-in., \$12.00 per 100. Converse Greenhouses, Webster, Mass.

If you read these advs. others would read yours.

VIOLETS.

Healthy, well-rooted plants from seed of Lady Campbell, now ready, 5c per 100; \$5.00 per 1000; 500 at 1.00 rates. Imperial, ready about May 15th, \$1.00 per 100. These are young runners, but will give you 250 plants per 100 divided. Will send only good stock. Chas. Hightstown, N. J.

Marie Louise, 10,000 strong, healthy plants. Dager ferns, \$2.50 per 100; \$25.00 per 10,000. Inspection invited. James Duncan, New Ham-burgh, N. Y.

California violets, healthy, well rooted runners, ready June 1st, \$1.50 per 100; \$25.00 per 10,000. Cash with order. W. A. Finger, Hicksville, L. I., N. Y.

Marie Louise, March struck. Fine plants ready June 1st, \$1.50 per 100. Cash please. C. Lawrizen, Rhinebeck-on-Hudson, N. Y.

Lady Campbell, 10,000 large clumps, with plenty of rooted runners, cheap for cash, \$5.00 per 100. L. E. Love, West E. Mass.

Rooted cuttings and pot plants of Imperial, Marie Louise, Faruhar and Lady Campbell, Crab & Hunter, Grand Rapids, Mich.

Violets Swanley White, Lady Huns, Campbell and Huns, \$2.50 per 100; \$20.00 per 1000. Good & Reese Co., Springfield, Ohio.

Princess of Wales, extra strong plants from soil, \$1.25 per 100; \$10.00 per 1,000. Nathan Smith & Son, Adrian, Mich.

MISCELLANEOUS.

Miscellaneous plants. Per 100: Clorodendron Balfour, 2 1/2-in., \$2.00; Impatiens Sultan, 2 1/2-in., \$2.50; Oxalis Ortseii, upright variety, fine for basket, 2 1/2-in., \$2.50; Fumivivida variegata, fine for foliage plant, 2 1/2-in., \$2.50; Pomegranate, 3 varieties, all double, 2 1/2-in., \$1.50; Plum-bago, 2 1/2-in., \$2.50; variety, 2 1/2-in., \$2.00; Stephanotis forbunda, 2 1/2-in., \$2.00. Good & Reese Co., Springfield, Ohio.

Miscellaneous plants per 100: Cuphea, 2-in., \$2.00; Impatiens Sultan, 2 1/2-in., \$1.50; 3-in., \$2.00; Pyrethrum, Little Gem, 2-in., \$3.00, 2 1/2-in., \$4.00; 3-in., \$6.00. Mignonette, \$2.00. Cash, Greene & Underhill, Watertown, N. Y.

Cigar plants, Sedum variegatum and California moss, in 2 1/2-in., \$1.25 per 100. California Ice plant, 2 1/2-in., \$5.00 per 100; 25 at 100 rate. Cash, Mrs. Little, Erie, Pa.

Isotria gracilis, 2 1/2-in., \$2.50 per 100. Phalaris viridis, 2 1/2-in., \$3.00 per 100. Nathan Smith & Son, Adrian, Mich.

Flora (artillery plant), \$2.50 per 100. Cuphea (cigar plant), \$5.00 per 100. C. L. Reese, Springfield, Ohio.

Cuphea and Artillery plants, 2-in., \$2.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

TO EXCHANGE.

Agaves, yuccas, senesvieras, cereus, aloes, ferns (see classified ad), bananas, canna lilies, Agave, Ananas, aca, orchids, tilandias and many others, for sale cheap, or will exchange for Pandanus utilis, F. nitida, and 30,000 callas. Star Buys, Little River, Fla.

To Exchange—200 chrysanthemums (very fine), from 3-in. pots, for Sprenger and plumosum nanus. F. R. Perkins, Paris, Texas.

WANTED.

Wanted—Crimson Rambler roses, rooted cuttings or 2 1/2-in. plants. I have them 3. Give price. Theo. Furr, Beloit, Ohio.

Wanted—500-2-in. smilax plants. Write lowest cash price to Bassett & Washburn, 76 Washburn Ave., Chicago.

CUT FLOWER BOXES.

Star Florists' Boxes, Edwards & Ducker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes The J. W. Sefton Mfg. Co., 241-243 S. Jefferson St., Chicago.

H. Schultz & Co., 117-112 Market St., Chicago.

DECORATIVE MATERIAL.

Carters' new crop ferns are ready for market. Dager ferns, carefully selected, neatly packed, \$1.00 per 1000. Fancy ferns, carefully selected, neatly packed, \$1.25 per 1000. Write for prices on large quantities. Geo. M. Carter, Evergreen, Ala.

Our new crop of Dager ferns is now ready and is of a No. 1 quality; \$1.50 per 1000. Discount on large orders. Order early. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 26 Court St., Boston, Mass.

Dager ferns, new crop now ready, \$1.50 per 1,000; discount on large orders. Princess Pine, \$2.00 per 100 lbs. Laurel festooning, 4 5 and 6 per 25. Laurel and pine wreaths, etc. Crowl Fern Co., Millington, Mass.

New crop fancy and Dager ferns. Book orders now and insure a supply for Decoration. Price \$1.50 per 1000. Write for prices on large quantities. Caldwell The Woodsman Co., Evergreen, Ala.

Seminole specialties. Fresh green palm runners, crowns and buds, needle pine, southern moss. Lowest prices; most liberal terms. Seminole Palm Co., Davenport, Fla.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to Mc Kellar & Winterson, 45, 47, 49 Washburn Ave., Chicago.

FERTILIZERS.

Pure pulverized sheep manure and fine bone flour. Samples and price mailed on application. C. L. Child, Cambridge, Bethelton, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucotox sprays, address the introducer.

Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Galax leaves, bronze and green, 75¢ per 1,000 here; in lots of 5,000 or more, \$1.00 per 1,000 delivered to any part of U. S. Crown Fern Co., Millington, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 22-26 Court Sq., Boston, Mass.

Bronze galax leaves, \$1.50 per 1,000 delivered, Fifty Leaves mailed for 10c. American Rose Co., Washington.

GARDEN TOOLS.

Farlin & Orendorff Co., Canton, Ill.

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We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth St., Philadelphia, Pa.

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Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Friton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 141 Lake St., CHICAGO.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose, J.G. & A. Esler, Saddle River, N.J.

Penn Rubber Co., 508 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Seaboard Dip Co., Chicago.

If you want healthy plants, fumigate with Nicotidite. Tobacco Warehousing and Trading Co., 1602 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.

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POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Cape, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 351-353 Herndon St. (near Wrightway Ave.) Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.

Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Columbia plant tubs—Invald Applinace Co., 150-152 Yelder St., Chicago.

Red pots. Jacobs & Landis, Colebrook, Ia.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

SPHAGNUM MOSS.

5-hbl. bale, \$1.00; 3 bales, \$2.50; 5 bales, \$4.00. H. R. Akers, Chatsworth, N. J.

L. B. Bragne, Htnadale, Mass.

G. W. Lyona, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 20 to 24, 75¢ per box.

Galv. rose stakes and Excelcor carnation supports. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterston, 43, E. 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

INDIANAPOLIS, IND.

This has been the most remarkable spring in the memory of our oldest florists. Extremes of heat and cold have followed each other regularly for at least two months and everything, especially outside stock, has been thrown out of its regular season. The earliest shrubs were forced out ahead of time by a very hot spell early in April and a very cold spell lately and another one now have kept the late ones back.

Paconies, which are usually gone by June 1st, will not be in by Decoration Day, at which time they are in extra good demand. Up to this date (the 28th) there has not been a pacony out around here, and, as it is cold and raining and the weather man reports rain for tomorrow, we are likely to be obliged to do our Decoration Day business without paconies this year. The carnation glut of a few weeks ago is past, and there will not be enough to fill all orders. Some of the carnation growers are firing up again to partly make up for the missing sunshine.

All the plant men report a very good bedding season, except for being a trifle late. The unfavorable weather has kept geraniums and other bedding plants from blooming and many sales are lost on that account. A. B.

OCEAN CITY, N. J.

The season here is very backward, being fully ten days or two weeks late. We have had great quantities of rain, being almost inundated. The weather is cold for this place, and bedding plants that have been set out do but little good, and there is so much dampness and so little sun the plants mildew in the greenhouses. This place is built right on the shore of the Atlantic ocean and we are not more than a quarter of a mile from the breakers. In the spring and early summer the winds that blow from the ocean are very cool and this year nearly all our winds have been from the ocean; that is the reason it has been so cold and the season backward.

G. P. MOORE.

KOKOMO, IND.—The trade generally will sympathize with Mr. W. W. Coles in the loss he has sustained in the death of his wife which occurred May 15.

SIoux CITY, IA.—J. R. Elder is building a new house 30x150 and putting in new boilers and a water works.

WOODSIDE, N. Y.—R. Dryer has begun the erection of another large greenhouse.

NEW HAVEN, CONN.—C. P. Lines, the well known nurseryman, died May 8.

PAN-AMERICAN EXPOSITION.**Exhibition of Hardy Roses.**

The special exhibition of hardy roses will be held June 18th to 28th. Following are the classes in which awards will be made:

- Class 1—General display of bedding and polyantha varieties; not less than 5 clusters of each variety.
- Class 2—General display of Bourbon, Bengal, Austrian and China roses; not less than 5 blooms of each variety.
- Class 3—General display of climbers and ramblers; not less than 5 clusters of each variety.
- Class 4—Exhibit of any novelty or variety not classified above.
- Class 5—General display of hybrid perpetual or remontant varieties; not less than 5 flowers of each variety.
- Class 6—General display of all classes of hardy roses.

Entries must be received by superintendent not later than June 10th.

Exhibits must be in place not later than noon of the opening day.

Any exhibit in one class will not be considered as competing for award in other classes.

Entries should be addressed to Wm. Scott, Horticulture Building, Pan-American Exposition, Buffalo, N. Y.

Other special exhibitions to take place during the summer are as follows: Sweet Peas, July 23 to Aug. 2; Gladioli, Aug. 6 to 17; Asters, Aug. 27 to Sept. 7; Dahlias, Sept. 17 to 27; Chrysanthemums, Oct. 22 to 31.

WASHINGTON.

Everyone is astir now getting ready for Decoration Day. Stock of all kinds was in oversupply last week, but on account of cloudy weather and rain for the last few days the supply has shortened considerably.

From present indications there will be more flowers used this year than usual on account of the large number of bodies that have been brought back from the Philippines and buried at Arlington, our National cemetery.

Prices for fine stock have advanced about 25 per cent for Decoration Day. The bulk of the outdoor stuff has been ruined by the rain.

D. B. Long of Buffalo paid the boys a short visit last week. F. H. KRAMER.

BATAVIA, ILL.—Thos. McAllister & Co. have succeeded to the business of E. Fryer.

WE CAN'T get along without the Review.—JOHN C. MURPHY, Coal Center, Pa.

HUDSON, MASS.—E. A. Chamberlain has started in the business here.

MENASHA, WIS.—L. Otto has opened a floral store here.

AMERICAN SEED TRADE ASSOCIATION, Rochester, N. Y., June 11-13.

Route—Wabash Railroad the "Niagara Falls Short Line."

Rate—Fifteen dollars and seventy-six cents (\$15.76) from Chicago to Rochester and return.

Accommodations—A special Pullman sleeper for accommodation of delegates and their friends will leave Chicago on the Wabash Continental Limited, 11:00 a. m., Monday, June 10, and arrive Rochester 6 o'clock next morning.

Supper in Wabash dining car.

Stopover at Buffalo allowed.

For sleeping car reservations and full particulars call at City Ticket Office, 97 Adams street, or write F. A. Palmer, A. G. P. A.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

GRAFTING CLEMATIS: Clay will do to cover the union if it be well made in the ordinary manner. Bottom-heat of 70 to 75 degrees is essential, also a close case, standing within a house having a temperature of 60 degrees.

CHRYSANTHEMUM: Dr. Griffiths gives the following as the composition of Chrysanthemums: Oxide of iron, 3.66; potash, 10.23; soda, 10.39; lime, 26.28; magnesia, 10.22; silica, 5.99; phosphoric acid, 19.52; sulphuric acid, 4.65; chlorine, 3.60; albuminoids, 2.92.

FLOWERING THE SECOND TIME OF LILY OF THE VALLEY: As is the three-year-old buds that produce the flowers, and these, and the second, and one year growths must be made in the open ground, either separately as crowns, or altogether as clumps. The growth made under glass by plants that have been forced, whether retarded or non-retarded, being too weak to afford good blooms.

PHRYNIUM VAREGATUM is treated somewhat differently to the ordinary run of plants. Here, it is given a thorough rest similar to cannas. At this season (March) the fleshy rhizomes are shaken out of the soil and potted, or they are placed in pans, according to the uses to which the plants are to be put, placing them in the stove. They soon begin to grow, and should be afforded abundance of light, in order to bring out the leaf tint.

OVER-LARGE TREE FERNS: Sink their roots into the floor of the house if you can, and build a wall of bricks without mortar around the stems a foot distant from them to let air reach them, and keep off any pressure from the earth. If this cannot be done, ring the stems, and keep a quantity of sphagnum-moss bound round them, and maintain this and the stem in a moist state till roots in quantity push forth, when the old-rooted butt ends may be severed, and the plants tubbed or potted.

IRRITATING PROPERTIES OF PRIMULA OBCONICA: There is a note in *Knowledge* of Feb. 1, 1901, p. 32, regarding the irritation that *Primula obconica* sometimes produces. It runs thus: "A piece from the base of the leaf-stalk applied to the wrist by an elastic band for two hours produced acute irritation, with blisters and swelling of the arm. Herr Nestler shows that it is the yellowish-green matter in the glandular hairs which possesses the poisonous properties."

DAHLIA CUTTINGS ROOTING: You should take slips with a heel, not hollow shoots made like ordinary cuttings, as these seldom can be got to strike. Put each singly into thumb pots filled with sandy loam coated with sand, and plunge in bottom-heat of 80 degrees; keep close and shade from bright sunshine. If in a frame, leave a $\frac{1}{2}$ -inch opening all night at the back of the sash. In a propagating house no ventilation may be necessary, unless the cuttings are placed in a close case.

DENDROBIUM NOBILE: The usual practice is to retain the pseudo-bulbs that have flowered for two or three years, and then remove them. Those gardeners who have very warm houses may cut off after flowering all the pseudo-bulbs of whatever age at the level of the compost, and force a plant to make entirely new pseudo-bulbs, of which most of the stronger ones will flower abundantly

the next year. Under ordinary conditions the former is the better practice.

ANISAL DIANTHUS: We have received from Herr Ernst Benary, Erfurt, a large and handsome colored plate showing what are familiarly known as "single and double pinks." There is a fine variety here; some are white, others pink, red, crimson, and there is a nearly black-maroon blossom; yet others, again, showing these same colors as streaks or flakes, or edges on a white ground. The picture suggests that our gardeners might do worse this season than spare a bed or border for a display of these fine and much varied annual diantus.

CHLOROSIS IN PLANTS: Recent researches by Dr. Roux confirm the notion that the yellow condition of the leaves known as chlorosis is due to some deficiency in the chemical constituents of the soil. The liquid absorbed by the roots has an excess of lime, and a deficiency of potash and phosphorus. The consequence is a stoppage of the work done in the leaves, and of transpiration ending in the degeneration and death of the cells from starvation.

CINERARIA-LEAVES INJURED: The work of the larvæ of a fly—*Phytomyza nigricornis*. Nip the larvæ between the thumb-nail and the finger, or take them out of the leaves with an awl or a needle, if there are but few of them, badly infested leaves being collected and burnt. No substance can be applied to the leaves to destroy the grubs that will not destroy the former as well. Quassa-water and soft-soap made according to the usual formula might render the leaves distasteful to the fly, but as she does not feed upon them it is not certain that it would deter the deposition of eggs.

I SHOULD like to mention my experience with the Rose Kaiserin Augusta Victoria, and to ask whether it is a matter of common experience. It is this, viz., that the buds, when picked in a very firm and unopening form, open out into a full flower in a way very unusual, if not unknown, with most roses. I picked out of doors a bud about half an inch or less in length, and less than a quarter of an inch in largest diameter, and after three or four days in water it opened out into a full blown and well formed flower, though showing a little center.

GODETIA: It may interest your readers to hear of the wonderful keeping properties of godetia. I plucked a large branch of rose colored godetia in the first week of October, and have it still (February). It was placed in tall jars of water, the water changed every week. There has rarely been a fire in the room it is in, although there has been frost several times. Every flower bud has come out, and as the first flowers slowly faded, after many weeks, they were picked off. There are still eight blossoms of a pale rose hue, looking as fresh as if plucked last week. Two pots of the same, potted rather later, and kept in the house, did fairly well till the end of the year.

BEGONIA GLOIRE DE LORRAINE: In our conservatory there are at the present time (Dec. 27) twenty-four large plants of this showy variety, which were raised from buds, with a leaf attached, last April, and treated like cuttings of verbenas. The plants are now growing in 6-inch pots, and present masses of flowers, measuring 18 inches in diameter. I examined the plants last week for seed-bearing blossoms, and found no seed-

than seventeen of these, which I fertilized with pollen taken from other varieties of begonias. These occur almost entirely at the ends of the racemes, and are usually the last of the cluster.

GARDENIAS FAILING TO FLOWER AND DYING OFF: The plant sent had roots that were thoroughly infested with ear-worms. The creatures are imported with the soil, and increase prodigiously under the favorable conditions found in a warm plant house. We are unaware of any remedy that will kill them, that will not likewise kill the plants. One efficient safeguard is to stack the soil two years before using it, keeping the stack meanwhile quite free from herbage, a sort of treatment that kills by starvation. Small quantities of soil might be rendered free of them by pouring boiling water over it, or by desiccation (not charring) on sheets of iron over a fire.

PRUNING ORCHIDS: You must be very careful about following the instructions given by your friends, who advise you to cut off orchid bulbs after they have done flowering. Pruning in a reasonable manner is beneficial, but to begin with, you had better confine your practice to the cutting away of damaged portions, or any of the small pseudo-bulbs which you know to be useless. In most collections useless bulbs are left far too long on the plants. They have to be supported by the forward and actively growing part of the plant, the leading flowering growth suffering in consequence. In the case of dendrobiums, such as *D. noble*, you can cut the portions removed into lengths and place them like cuttings in an orchid pan, and young plants will result.

GREENHOUSE VENTILATORS IN THE FRONT: Plants kept in a house having ventilation at the top only cannot be so well grown as where there is front ventilation likewise. The latter is very necessary in the summer months; and, on the whole, we prefer the air to be admitted below the staging, and the hot water pipes so arranged that when necessary the air may impinge on the heated pipes on entering the house. The front ventilation needs careful management in cold, bright weather, or the plants will be chilled, and thus enfeebled they fall a prey to aphids. It is generally advisable to reduce the quantity, or entirely shut out front air an hour or thereabouts before finally closing the upper sashes or air openings, and there are early bright days in the spring months when air should not be admitted at the front of a house.

THE "SOCIÉTÉ NATIONALE D'HORTICULTURE DE FRANCE": The last number of the *Journal* of the Society contains a brief epitome of the history of the Society from its foundation in 1826 to the present time. It has had many names, but its organization has continued practically intact during the numerous political vicissitudes to which it has been subjected, and its labors were not suspended even during the siege. When the Germans withdrew and the Commune was suppressed, the ravages of the war were rapidly repaired by the energy of the French horticulturists. The assistance rendered on that occasion by English horticulturists is also acknowledged. In 1860 the society took up its quarters in a building which it had purchased out of its funds, and where may be found meeting rooms, committee rooms, and a hall for large meetings and special exhibitions.

Choice Lot of Plants of Brides and Maids

Which we are offering at \$20 per 1000 in 2-in. pots, \$35 per 1000 in 3-in. pots.

SAMUEL S. PENNOCK, 1612-18 Ludlow Street, PHILADELPHIA.

Mention THE REVIEW when you write.

DETROIT.

The Detroit Florists' Club is distributing 5,000 young chrysanthemums to the pupils of the sixth and seventh grades in the public schools through the principals and teachers. These plants are to be grown by the children and shown at the exhibition Nov. 13 to 16 next. With each plant was given a printed slip containing directions for growing, as follows:

"You will receive the plant in a 2½-inch pot. Transplant it to a 4-inch pot at once. Place the pot in the garden in partial shade, sinking it in the earth up to the rim. Be careful to give the plant a good watering when first repotted. Keep it well watered all summer. When the buds come you must remove some, but be very careful to leave at least one bud on every branch.

"About the 5th of September dig up the pot and transfer the plant to a 6-inch pot. Take it indoors at night to protect from a frost. If you have no good earth, go to the nearest florist, who will supply you with it, and for any information you wish consult any of the florists whose names are attached."

The prizes offered to the school children are: A gold fountain pen to the pupil exhibiting the best and largest chrysanthemum plant from each public school in the city; \$5 gold piece to the pupil exhibiting the best plant, selected from among all the prize winners; a \$25 palm and jardiniere to the school making the largest and best exhibit, the number of pupils to be considered.

The children of florists will be excluded from competition. All children exhibiting plants will be entitled to free admission to the flower show.

PROVIDENCE, R. I.—At the last meeting of the Florists' club there was an exhibition of roses and carnations. E. D. Clark, S. J. Reuter and F. Macrae received awards for roses, and the same gentlemen and J. Z. Dodge won awards for carnations. Z. R. Corp, an old time florist, died here recently.

OTTAWA, ONT.—At a recent meeting of the Horticultural Society it was announced that Lady Minto had given \$100 to be awarded in prizes for the best kept gardens in the city where no gardener is kept, and a gold medal for the best garden where a gardener is employed.

DOVER, DEL.—W. W. and J. W. Pullen were, on May 16, each held in \$2,000 bail by Acting United States Commissioner Geo. Hollis on the charge of using the mails to defraud. These are the parties who failed to fill orders for holly after receiving money for same.

TRENTON, N. Y.—C. A. Nicholson has purchased land upon which he will erect several greenhouses.

RALEIGH, N. C.—J. L. O'Quinn & Co. have added a fine new palm house.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2167.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

DREER'S PRIZE PRIMULAS

For best results these should be sown at once. Our strain is unequalled for size, texture and freedom of bloom.

Alba Magnifica, the finest white.
Alba, the standard pure white.
Euba, a good dark red.
Kermesina Splendens, rich crimson.
Cheswick Red, brightest red.
Holborn Blue, blue.
Royal Morn, rosy pink.
Punctata Elegantissima, spotted.
Robusta Grandiflora, mixed, a very strong growing type.
Fern Leaved, mixed.
Dreer's Choicest Mixture, made up out of the finest named sorts.

Price, any of the above, \$1.00 per trade packet, 60c per ½ trade packet. A trade packet contains from 500 to 1000 seeds, according to variety.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

Grafted Roses.

LIBERTY, \$18.00 per 100.
 BRIDESMAIDS, BRIDES,
 GOLDEN GATES, \$12.00

Choice plants, 3-in. pots, ready for immediate planting. Ten sample plants (to florists only) for \$1.00.

Verbenas

Choice varieties in bud and bloom.
 3-in. pots, \$3 per 100; 2½-in. pots, \$2 per 100.
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Hardy Herbaceous Plants.

Strong Field-Grown Clumps. **Acutifolia**, **Digitalis**, **Alyssum Saxatile Compactum**, **Corseopsis Laeucolata**, **Gaillardia Grandiflora**, **Gypsophila Paniculata**, **Hibiscus Crimson Eye**, **Rudbeckia Golden Glow**, **Aranis Alpina**, **Lathyrus Latifolius**, \$5.00 per 100. **Primula Veris** and **Aquilegia Chrysantha**, 2½ in., \$2.00 per 100. Ready soon—**Hardy Phlox**, choice named sorts; **Hardy Pompon Chrysanthemums**, in 5 fine sorts; rooted cuttings, 4½ to 10, postal; 2½ in., \$2.00 per 100. Cash with order please. **F. H. ARLEN S. DETTON**, 85 W. 12th St., Holland, Mich.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,

199 Grant Avenue, Jersey City, N. J.
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NEW CROP DAGGER FERNS

\$1.50 per 1000. Discount on large orders.

We would respectfully inform the trade that our new crop Dagger Ferns are now ready and are A No. 1 quality. Be sure and order them early to avoid disappointment.

We carry a full assortment of Florists' Hardy Supplies, as follows: Galax, Leucothoe Sprays, Hardy Ferns, Moss, Bouquet Laurel, Laurel Festooning, Bundle Laurel, etc.

Trusting we shall receive your orders, we remain, Yours very truly,

HENRY M. ROBINSON & CO.
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3,000 ENGLISH IVY.

WHO WANTS SOME OF THEM?

4-inch pots, 4 to 5 feet long, strong, at \$10.00 per 100
 2½ (60) rooted cuttings of same, from flats, \$1.50 per 100
Pertwinkle, 2½-inch pots, \$3.00 per 100.
Best Pansy in market, \$2.00 per 100.

Remember me for coming Chrysanthemum planting. Largest and greatest variety. Cash with order please.
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Florists' Review
 When Writing Advertisers

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.

GEORGE M. KELLOGG.

Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual" was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere trifle.

H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.

JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same.

M. S. WORDEN.

North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to get or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature falls with the Manual.

GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.

BOBBINK & ATKINS.

Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.

M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time.

N. ZWEIFEL.

Milwaukee, Wis.

It is certainly a neat and handsome book and does you very well.

BENJAMI. HAMMOND.

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It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.

C. C. POLLWORTH CO.

Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.

JOHN WELSH YOUNG.

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The Florists' Manual is worth five times the price. It is just what a busy florist wants.

E. DUEBHEL & SON.

Columbus, O.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point.

W. A. KENNEDY.

Milwaukee, Wis.

Am very much pleased with the book: it is very handy for reference.

F. E. BONHAM.

Macomb, Ill.

Unlike so many of our books, it has the very flavor and essence of actual experience.

L. H. BAILEY.

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We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.

JOS. KIPT & SON.

Philadelphia.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.

TRUETT BROS.

Franklin, Tenn.

The Florists' Manual is a gem. No florist can afford to be without it.

A. J. BAUR.

Madison, N. J.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.

H. D. DARLINGTON.

Flushing, N. Y.

I am more than pleased with the Florists' Manual. I have ordered a copy.

OTT BROWN.

May City, N. J.

Manual to hand. Am well satisfied that it is the first work of its kind ever published.

JAS. HARTSHORNE.

Joliet, Ill.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florists' business.

J. T. TEMPLE.

Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased and wish to congratulate you on the practical manner with which you have treated the subject.

The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book.

Respectfully yours, COMMISSIONERS OF PARKS AND BULEVARDS. R. J. COREYELL, Gen'l Supt.

Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is \$5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual by William Scott. Publisher: Florists' Publishing Company, Chicago. Price, \$5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commer-

cial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or lesser extent obsolete, owing to the continued mutability of methods, etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. It is called by Mr. Scott's instructors in matters horticultural, and is so well known to the trade to require any elaboration at our hands; suffice it to say that the said instructors have done a most careful handling of every subject dealt with, generally characterizing the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists and others commercially connected, although gardeners and amateurs are interested in it, as a work exactly fitting their requirements. Rather judge it through the author's own words, i. e., "If those who favor us with a perusal of its pages glean only one hint which may help them in their money. A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seedling lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable lines of horticulture—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Mechan's Monthly.

THE FLORISTS' MANUAL
By WM. SCOTT

IS A BOOK OF 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopaedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A COMPLETE REFERENCE BOOK FOR COMMERCIAL FLORISTS

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, \$5.00 Carriage Prepaid.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

The above mentioned book is one that you need in your business—One that you can't afford to be without.

KANSAS CITY, MO.

The beautifying of lawns and the spring bedding is now in full operation. Last year this branch of our industry received an impetus from the liberal premiums offered by our enterprising citizens for the most artistic flower beds and best kept lawns through the summer. These inducements were the means of bringing about an evolution in landscaping and arrangements of flower beds. The grounds of many of our fine residences were very noticeably improved with a great abundance of plants, harmonizing in color, with new and original designs not used in previous years.

We had plenty of rain conducive to vegetation, and our parks and gardens were gorgeous with fine blooms and foliage. There is no comparison between this spring and last. No rain to speak of in five weeks and the plants-men are consequently working under great difficulties. An increase in sales in this line is reported, with prices a shade lower than a year ago.

Business at the retail stores has been brisk for two weeks. The principal demand is for funeral work, and the market is pretty well cleaned up every day of all good material. Prices remain firm, with best Brides and Maids bringing \$5 per 100. The carnation crop, we regret to say, is being neglected, and 100 blooms and 500 buds can be bought for \$1. Paeonies have made their appearance and are selling well. The present indications are we will have a good Decoration Day trade. Very few designs or emblems are used, the call being mostly for cut flowers and plants. If trade is equal to that of a year ago there will be none too many cut flowers, as outside blooms, with few exceptions, are a failure this season.

Mr. and Mrs. James Hayes of Topeka, Kan., looking well and prosperous, were visitors here last week. H. J. M.

CLARKSVILLE, TENN.—A heavy hail storm on May 24 riddled the greenhouses of Mr. James Morton, doing considerable damage to plants in the houses as well as breaking a lot of glass. The loss through broken glass is estimated at \$750 and that on plants at \$250. Mr. Morton did not carry any hail insurance. He had not lost so much as a single light of glass from hail before during his seventeen years' experience here. Fortunately the weather was not cold or the loss in plants through freezing would have been heavy.

HIAWATHA, KANS.—J. W. Margrave & Co. lost more than half of their glass through a destructive hail storm last week. Fortunately but little damage was done to the stock in the houses. They carried insurance in the Hail Association, but the present high price of glass will make the insurance come considerably short of covering the loss.

NEW ORLEANS, LA.—A meeting of the New Orleans Horticultural Society was held May 16 to complete arrangements for the chrysanthemum show to be held next November. Several additional special prizes were reported.

STERLING, ILL.—J. S. Swartley will this summer tear down one of his old greenhouses and will build a new one 50x25, which will contain 1,450 square feet of glass.

Seasonable Stock.

.....GERANIUMS.....

We have the following varieties in 2½-inch pots at \$3.00 per 100, and in 3-inch pots at \$5.00 per 100:—*Duc de Montemar*, *H. A. Nutt*, *Marvel*, *Wm. Plitzer*, *La Favorite*, *Mme. Brunat*, *Dr. Despres*, *Cæsar*, *Pierre Le Brun*, *La Fayette*, *Kleber* and *Richelieu*. The following in 3-inch pots only:—*Mrs. A. Borie*, *Aine*, *M. Alph*, *Ricard*, *Mme. Burber*, *Sam Sloan* and *M. Canovas*.

MARS, from 2½-inch pots, \$4.00 per 100. **AMERICA**, from 2½-inch pots, \$8.00 per 100. **Chrysanthemums**. Fine stock of the following varieties from 2½-inch pots:—*monte*, *Glory of Pacific*, *Maj. Bonaffon*, *Ivory*, *Pink Ivory*, *Harry A. Parr*, *Mrs. S. T. Murdock* and *Nazoya*.

Canna. Well established plants from 3-in. pots, \$6.00 per 100. *Souv. de Mme. Crozy*, *Directeur Roulet*, *Fierston's Premier*, *Ex. Campbell*, *Robusta*, *Florence Vaughan*, *Queen Charlotte*, *Egandale*, *A. Bouvier*, *Chas. Henderson*, *Burbank*, *Beaute Poitevine* and *Crimson Bieder*.

Allemania, \$8.00 per 100. **Black Prince**, \$10.00 per 100. **Carex Jap. Variegata**, 2½-inch pots, \$5.00 per 100. **Lobelia**, 2½-inch pots, \$2.50 per 100. **Cyperus Alternifolius**, 2½-inch pots, \$2.50 per 100. **Vincn Major Variegata**, 2½-inch pots, \$3.00 per 100. **Anemone Queen Charlotte**, \$5.00 per 100. **Endbeckia Golden Glow**, 2½-inch pots, \$2.50 per 100. **Isotopsis Gracilis**, 2½-inch pots, \$2.50 per 100. **Phalaris Variegata**, 2½-inch pots, \$3.00 per 100. **Princess of Wales Violet**, extra strong plants from soil, \$1.25 per 100; \$1.00 per 1000.

NATHAN SMITH & SON, -- ADRIAN, MICH.

Mention The Review when you write.

NORWAY MAPLES,

3 to 4 Inches Caliper,
14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, WILLIAM WARNER HARPER, PROP., CHESTNUT HILL, PHILA., PA.
Mention THE REVIEW when you write.

Burpee's Seeds Grow

VEGETABLE PLANTS.

CABBAGE.—*Wakefield*, *Succession*, *All Head*, *Early* and *Late Flat Dutch*, *Savoy* and other varieties. 10c per 100; \$1.00 per 1000; \$8.50 per 10,000.

CELERY.—*White Plume*, *Golden Self-Blanching* and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000; small for transplanting, 7c cts. per 1000.

EGG PLANTS.—*N. Y. Improved*, 25c per 100; \$2.00 per 1000.

PEPPER.—*Bull Nose*, *Ruby King* and *Sweet Mountain*, 25c per 100; \$2.00 per 1000.

TOMATO.—In var., 20c per 100; \$1.25 per 1000.

LETUCE.—In var., 15c per 100; \$1.00 per 1000.

BEETS.—20c per 100; \$1.50 per 1000.

If any of the above are wanted by add 10c per 100 plants. Cash with **R. VINCENT, Jr. & SON, White Marsh, Md.**

Mention The Review when you write.

...VIOLETS...

Orders booked now for Rooted Cuttings and Pot Plants of *Imperial*, *Marie Louise*, *Furqubar*, and *Lady Campbell*. 10,000 Cans. *White Cloud* and *Flora Hill*, from soil, at a bargain. Write for catalogue.

CRABB & HUNTER, Grand Rapids, Mich.

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THE E. G. HILL CO.

Wholesale
Florists,

RICHMOND, INDIANA.

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PAN-AMERICAN EXPOSITION



THE

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IS THE SHORTEST LINE
TO BUFFALO FROM
KANSAS CITY, ST. LOUIS, CHICAGO

AND INTERMEDIATE POINTS.
For Descriptive Matter, Rates, etc., call us nearest
Ticket Agent, or address
C. S. CRANE, Gen'l Pass & Ticket Agent, ST. LOUIS.

A GREAT SELLER.

Through my adv. in the REVIEW I sold all my plants and could have sold many more if I had had them. I think your paper a great seller.—Mrs. E. KUNTZ, Frankfort, Ind.

OUR PRICES on Spring Stock.

100,000 Plants in first class condition and ready to ship.

PANSIES.—SPECIAL. Our last crop of 15,000 plants is now ready and in fine condition. Fine large plants from cold frame in bud and bloom, worth \$2.00 per 100. **Special Price**—\$1.25 per 100; \$10.00 per 1000.

VERSENAS.—SPECIAL. The 20th Century Collection. New Mammoth, 20 grand varieties, including all the newest sorts, true to name. Strong 2½ inch, worth \$1.50 per 100. **Special Price**—\$1.00 per 100; \$10.00 per 1000.

ALYSSUM. California Giant for vases and baskets, and **Little Gem** for borders. Strong 2½ in., \$1.25 per 100; \$10.00 per 1000.

ALTERNANTHERA. Red and green. Strong 2½ in., \$1.25 per 100; \$12.00 per 1000.

ACERATUMS. Snow Drift, the white novelty of 1900. Princess Pauline and Stella Gurney. Strong 2½ in. pot plants, \$1.50 per 100.

PETUNIAS. Double Fringed. Eight novelties in white, pink and bicolors. Strong 2½ in. pot plants, \$1.50 per 100; \$12.00 per 1000.

COLEUS. Our champion collection of 15 varieties, all bright colors and including only those decided merit. Strong rooted cuttings, well rooted, 60c per 100, \$5.00 per 1000. Golden Buzzer and Verschaffelt, 75c per 100, \$6.00 per 1000.

ROSE GERANIUMS. Strong 2½-inch, \$2.00 per 100.

W.M.E. SALLERIO GERANIUMS. Strong 2½ in., \$2.00 per 100.

GERANIUMS. S. A. Nutt, Bruanti, Grant, Francis Perkins, E. G. Hill, La Favorite, Beate Poitevine. Strong rooted cuttings, \$1.50 per 100; \$14.00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

Carnations.

NORWAY, EGYPT and GENEVIEF LOD.

Other new and standard varieties.

Chrysanthemums.

TIMOTHY EATON, the biggest and most emotional white. Complete list of other new and standard varieties. Fine stock for immediate shipment. Send for price list.

H. WEBER & SONS, Oakland, Md.
Mention The Review when you write.

THE LARGEST FANCY CARNATION..... PROSPERITY.

A few thousand ready for immediate delivery. All orders filled in strict rotation.
Price for Rooted Cuttings—1 plant, 50 cents; 12 plants, \$5.00; 25 plants, \$8.25; 50 plants, \$10.00
100 " 16.00; 250 " 37.50; 500 " 70.00
750 " 101.25; 1000 " 140.00.

Write for full description.
DAILLEDOUZE BROS., Flatbush, N. Y.
Mention THE REVIEW when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

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ROSES.

From 5-in. pots at 9c, fine clean plants. Chablis de Scapin, Geo. Jacquemiot, La France Coquette des Blanches, Coquette des Alpes, etc., Queen of the Prairie, same size, at 8c.

CLEMATIS, finest purple, white and lavender sorts, 3-year, dormant, 2½ in. from 3-in. pots, 15c; fine 1-year at very moderate price.

CLEMATIS PANICULATA, strong plants, from 2-6 in. pots. Packing free for cash.
W. H. SALTER, - ROCHESTER, N. Y.
Mention The Review when you write.

Chrysanthemums, Roses, Marguerites, Stevias

We grow only good commercial varieties of mums in large quantities, select our stock carefully and supervise all shipments personally, so that satisfaction is practically assured. Prices are fixed as low as good stock can be sold for, allowing a fair profit.

CHRYSANTHEMUMS.

WHITE.		Yellow.		Pink.	
R. C.	2½-in. Per 100.	R. C.	2½-in. Per 100.	R. C.	2½-in. Per 100.
Fitzwygram	\$1.30	\$2.00	Golden Trophy	\$1.30	\$2.00
Independence	1.50	2.50	Mrs. Whilldin	1.30	2.00
Bergmann	1.50	2.50	Modesito	1.30	2.00
Kalb	1.30	2.00	Bonnafon	1.30	2.00
Robinson	1.30	2.00	Pennsylvania	2.00	4.00
Ivory	1.30	2.00	Golden Wedding	1.75	2.50
Woodford	1.30	2.00	Harry Hurrell	1.50	2.50
The Queen	1.50	2.50	Riemann	1.50	2.50
Mayflower	1.50	2.50	Yellow Jones	1.50	2.00
Jerome Jones	1.20	2.00	Ecclipse, Yell. Chud.		
Grechen Buetner	1.30	2.00	wick	2.50	3.50
Minnie Wannamaker	1.30	2.00	Yellow Mayflower	2.00	3.00
Chadwick	2.00	3.00	Yellow Queen	1.30	2.00
			Par (early)	1.50	2.50
YELLOW.					
Yellow Fitzwygram	2.00	2.50			
October Sunshine	2.00	3.00	PINK.		
Col. Appleton (new)	5.00	6.00	Marquis de Montmort	1.25	2.00

ROSES.

	Per 100	Per 1000	Per 100	Per 1000
Gates	2½-in., \$3.00	\$25.00	3-in., \$5.00	
Maidis	" 2.00	25.00	" 4.50	
Brides	" 3.00	25.00	" 4.50	
Meteors	" 3.00	25.00	" 4.50	

BEAUTIES will be listed later.

When less than 25 plants of a variety are ordered, add 50 per cent. 5 per cent discount will be allowed on orders from 300 to 1000 plants. 10 per cent discount will be allowed on orders for 1000 and over. Remittances must accompany orders from unknown parties. Goods will be sent C. O. D. if requested. All orders are filled as soon as stock is ready. Every order has our personal supervision and is guaranteed to the best of our ability. In every case when stock is shipped satisfaction is guaranteed, or money refunded.

RECORD—225,000 Sold during 1900 without a kick.

Have the stock to double the amount of sales.

MARGUERITES.

California White	Rooted Cuttings, \$3.00 per 100
Glory Yellow	" " 4.00 "
Common White	" " 2.00 "

STEVIA.

Rooted Cuttings, \$1.00 per 100; 2½ in., \$2.50 per 100

POEHLMANN BROS. COMPANY, - - MORTON GROVE, ILL.
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WE ARE HEADQUARTERS FOR

CARNATIONS and GERANIUMS

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

Governor Roosevelt.

Descriptive Catalogue sent on request.

THE COTTAGE GARDENS, - QUEENS, N. Y.

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HENRY W. GIBBONS COMPANY

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Greenhouse Architects and Builders and Manufacturers of

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STEAM and HOT WATER HEATING and VENTILATING MATERIALS. IRON FRAMES FOR GREENHOUSES.

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HENRY W. GIBBONS, Pres., NEW YORK. J. L. DILLON, Treas., BLOOMSBURG, PA.
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SOLD OUT. PELARGONIUMS

Our stock of young Carnations is sold out. Place your order now for **FIELD PLANTS for FALL DELIVERY.**

All the best varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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Good named varieties. 3-inch pots, \$5.00 per 100.

CASH WITH ORDERS.

S. D. BRANT, Clay Center, Kan.

Mention THE REVIEW when you write.

Always mention the Florists' Review when writing advertisers.

KALAMAZOO, MICH.

Trade conditions here during the last three weeks have been fair. Real good stock of roses and carnations is becoming scarcer every day; the demand for such has been quite brisk ever since Easter, and from present indications seems likely to continue so.

In this section we are not troubled with those excessively warm nights so prevalent around Chicago, and, consequently, our stock does not deteriorate so early in the summer. The cut of roses and carnations at present is exceptionally good, and the growers have no trouble in cleaning out every day.

The sale of bedding stock, baskets and window boxes bids fair to outlive all previous years. Rose planting is in full swing and will be all finished by the middle of June. Carnations in the field are looking well. The copious rains of the last ten days and nice cool nights are doing wonders with them. I have seldom seen better looking stock at this season.

The Dunkley Floral Co. are contemplating remodeling their carnation houses.

George Taylor of Portage street, who has been in Borgess hospital suffering from blood poisoning, has sold his greenhouses, stock and good will to G. Van Bochove & Bro. George is the pioneer florist of this city.

The Van Bochove Bros. have nearly finished their new structure, which will be planted to carnations of the highest grade varieties at an early date.

RIBES.

ADRIAN, MICH.

About 8:30 in the evening of May 23 the most severe storm in years passed over Adrian, rain and hail falling in torrents for about twenty minutes, causing much damage to small fruits and garden truck. The greenhouses escaped with some broken glass, and the hail-stones still lay packed in the gutters at noon on the 24th.

The worst loss in the city is with market gardeners and fruit growers, gooseberries, currants and raspberries being literally stripped from the bushes in many cases. It is impossible to estimate the damage done to gardens in this city.

W. W.

LOS ANGELES, CAL.—The great floral pageant on May 9, during the visit of President McKinley, put completely in the shade any previous feast of flowers. The city went flower mad, and the blossoms were everywhere. The floral floats and decorated vehicles formed a long procession and they were interspersed with many original features, such, for instance, as the great Chinese dragon, whose long, snake-like body was supported by several score of Celestials.

ROCK ISLAND, ILL.—The new firm of Meyer & Behring will start with two houses, as that is all they will be able to get ready this season. Mr. Meyer, who has been a resident of Rock Island for the past six years, will handle the business department, while Mr. Behring, who was formerly of Richmond, Ind., will have charge of the growing.

SAULT STE. MARIE, MICH.—W. F. Webster, of Negaunee, has bought land here upon which he will build greenhouses and engage in the business.

ROSE PLANTS

This stock is in fine condition and is sure to give satisfaction.

From 2½-inch Pots.

Liberty, 100	\$10.00	1000	\$80.00	Bridesmaid, 100	\$2.75	1000	\$25.00	Meteor, 100	\$2.75	1000	\$25.00
Beauty, 100	6.00	1000	55.00	Bride, 100	2.75	1000	25.00	Golden Gate, 100	2.75	1000	25.00
Perle, 100	\$2.75	1000	\$25.00	per 1000.	Kaiserin, 100	\$2.75	per 1000.	\$25.00	per 1000.		

From 3-inch Pots.

American Beauty, 100	\$8.00	per 100;	\$75.00	per 1000.
Meteor, Bridesmaid, Bride, Golden Gate, 100	\$4.00	per 100;	\$35.00	per 1000.

Our 3-inch American Beauty are extra fine plants and will be sure to give the best of satisfaction.

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

ONLY A FEW THOUSAND LEFT.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, 2-in., \$20 per 1000
3-in., \$30 per 1000

Brides, Maids, Perles and Gates,
2-inch, \$25 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

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American Beauties...

From 3-in. pots, \$9 per 100; \$80 per 1000. **JOSEPH HEACOCK, Wyncote, Pa.**

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ROSES...
TO CLOSE OUT

Clean Healthy Stock from
2½-in. pots, \$2 per 100, \$18 per 1000.

Universal Favorite	Comtesse de la Barthe
C. Soupert	Doctor Grill
Evergreen Gem	H. M. Stanley
Pink Roamer	Queen's Scarpel
Gen. de Tartas	Agrippina
Mme. Françoise Kruger	Greville
Manda's Triumph	Aug. Ferrario

Fine stock for immediate sales while they last.

Rockford Seed Farms. H. W. BUCKEKE,
Forest City Greenhouses, Rockford, Ill.

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SOLD OUT.

Please state in your next issue that I am sold out of asters. Have had to return orders, though I had a large supply. I lay it all to the Florists' Review adv.
—T. C. BREECE, West Berlin, O.

Rose Plants

GOOD, HEALTHY STOCK.

Kaiserin Augusta Victoria,

3-inch.....\$4.00 per 100; \$35.00 per 1000.
2-inch..... 3.00 per 100; 25.00 per 1000.

Cash with order.

Martin A. Magnuson,

3309 N. Western Ave., CHICAGO, ILL.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS

PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . GREENHOUSE BUILDING

Mention The Review when you write.

BEAUTY PRODUCTIVENESS AND PROFIT

YOU WILL FIND ALL these qualities in the grand new fern *Nephrolepis Wittboldii*. You can realize the largest profit by buying a dozen plants now and working up a stock ready for the big general demand next season. Everyone who has seen it agrees that it is the "Great Fern of the Future," and there is bound to be a big demand at good figures. We offer you a share of the profit in this valuable novelty as we simply have't room to provide for the increase in stock.

We are offering fine plants, ready for 3 and 4-inch pots, that will immediately produce runners if planted out in bench, at \$1.00 each, \$10.00 per doz., \$75.00 per 100. Send in your order now.

The  **Geo. Wittbold Co.**
1657 BUCKINGHAM PLACE... CHICAGO, ILL.

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IF YOU WANT
HEALTHY PLANTS
FUMIGATE WITH
NICOTICIDE
THE BEST OF ALL
INSECTICIDES
Write for full particulars to
The Tobacco Warehousing & Trading Co.,
1002 Magnolia Ave., Louisville, Ky.


Greenhouse Material
Of Clear Louisiana Cypress and California Red Cedar
BEST GRADES. PERFECT WORKMANSHIP.
A. DIETSCH & CO.,
615 to 621 Sheffield Ave., CHICAGO, ILL.
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BEST AND CHEAPEST ALL-ROUND INSECTICIDE on the Market.

For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

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PLANTS TO CLOSE OUT.

	Per 100		Per 100
5,000 Geraniums, mixed, 2½-in.	\$ 1.50	1,000 Asparagus Plumosus Nanus, 3-in.	\$ 5.00
1,000 Jean Vaand, 3-in.	10.00	5,000 Geraniums, mixed, 3-in.	5.00
2,000 Marguerites, white, 3-in.	2.00	8,000 Smilax, 2½-in.	1.50
2,000 " " 2½-in.	1.25	5,000 Nasturtiums, dwarf, also tall, 2½-in.	1.00
7,000 Cigar Plants, 2½-in.	1.25	1,000 Dracaena Ind., strong, 4½-in.	15.00
7,000 Sedum Variegatum, 2½-in.	1.25	2,000 Lobelias, Crystal Palace Gem, 2½-in.	1.50
5,000 California Moss, 2½-in.	1.25	5,000 Chinese Primulas, mixed, 2½-in.	2.00
1,000 California Ice Plant (new), 2½-in.	5.00	1,000 Alternantheras, red, also pink	2.50
10,000 Asparagus Plu. Nanus, from flats.	2.00	100,000 Late Cabbage, Flat Dutch, \$2.00 per 1000.	

The above plants are A No. 1. (CASH.) 5 plants at 100 rate.

THE MORRIS FLORAL CO. Morris, Ill.

ASPARAGUS.

Sprenger, 2-inch pots	per 100, \$2.00
Plumosus	2.50
Decumbens	10.00

SMILAX.

2-inch pots, \$10.00 per 1000	per 100, \$1.00
Coleus, 2½-inch pots	2.00
Vinca Vine, green leaves	1.00

GERANIUMS, to close out, per 100, \$3.00.

CASH.

JOS. H. CUNNINGHAM, DELAWARE, CHIO.

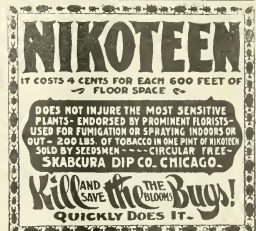
Iron Reservoir Vases

AND Lawn Settees,
Manufactured by
McDONALD BROS.,
108-114 Liberty St., COLUMBUS, O.
Send for our 1901 Catalogue.



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NIKOTEEN
IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE
DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING, INDOORS OR OUT—2.00 LBS. OF TOBACCO IN ONE PINT OF MIXTURE SOLD BY SEEDSMEN—CIRCULAR TREE-SMOKCURA DIP CO. CHICAGO.
Kill AND SAVE THE BUDS!
QUICKLY DOES IT.



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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO. 529-535 Caxton Building, 334 Dearborn Street, Chicago.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$15; full page, \$30. Discounts: 5 times, 5 per cent; 12 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This Index covers only those having displayed advertisements. There is a host of others making offers in our classified ads and they will be found there under their proper headings.

Table listing advertisers and their page numbers, including American Rose Co., Amling E. C., Anstoria Nurseries, etc.

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We are very much pleased with the results we have received from your valuable paper and shall always continue to keep our advertisement in it. We are sure that our advertisement in your paper has increased our sales among the florists and nurserymen one-third.—S. WILKS MFG. CO., Chicago.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

Advertisement for Standard Flower Pottery Co. featuring a large image of a flower pot and the text 'WHILLDIN POTTERY CO. JERSEY CITY LONG ISLAND CITY PHILADELPHIA'.

Mention The Review when you write.

Advertisement for Dress Greenhouse Material by John & Moninger Co. featuring an image of a greenhouse and the text 'WRITE FOR CATALOGUE OF EVERY DESCRIPTION JOHN & MONINGER CO. 111 & 125 BLACKHAWK ST. CHICAGO FOR HAWTHORNE AVE.'.



STANDARD.

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Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 3 inches of shade. No drip whatever from glass or gutter.

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They will save you the amount they cost you in one week. No. 1, \$10.00; No. 2, \$15; No. 3, \$25.

Send for Catalogue and Testimonials.

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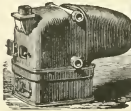
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PLEASE send us the news of the trade in your vicinity.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

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Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus. Send Four Cents for Catalogue.

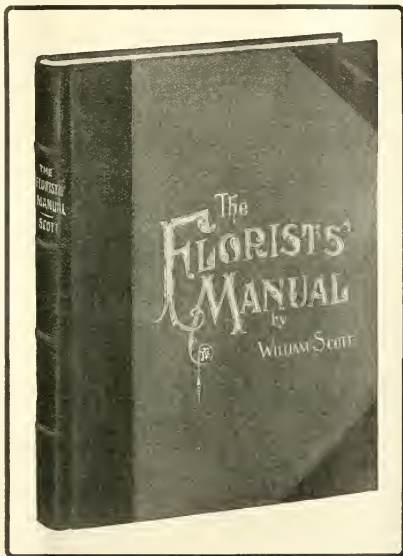
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NO SCIENCE BUT LOTS OF
PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.



The book treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

It is a book that you need in your business just as you need any other useful labor and money saving implement or device.

The price is \$5.00, carriage prepaid.

If you have not already obtained a copy of this book order one now.

If you cannot spare the full price at once, write us for our monthly payment offer.

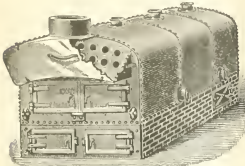
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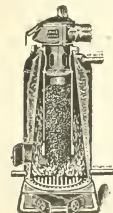
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Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around front, sides and back. Write for information. Mention The Review when you write.



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Best made for GREENHOUSES. SELF-FEEDING MAGAZINE.

All Steel. Simple, Strong, Durable.

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DEALER IN ALL KINDS OF

ESPECIALLY FOR

GREENHOUSES...

Having had an extensive experience in the line of Lumber and Posts needed for greenhouse work, I am prepared to meet all inquiries. Send for prices.

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CHICAGO, ILL. Telephone North 228.

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Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

Quaker City Machine Works,

RICHMOND, IND.

Mention The Review when you write.

High Grade BOILERS

Get our Catalogue.

For GREENHOUSES.

STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

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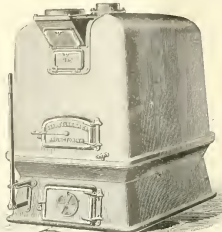
Florists' Review

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Send for Circular of Cypress Hot Bed Sash and Frames.

We make special greenhouse PUTTY. Price on application.

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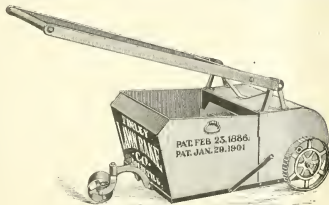
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THE FINLEY LAWN RAKE FOR 1901.



1901 MODEL.

We have a line of literature that tells all about this great invention. Anyone who writes in will receive it and full and explicit information about our rake. No person who has a lawn can afford to be without this labor and grass saver. Two sizes—20-inch, \$12.00; 14-inch, \$10.00 net. F. O. B. Joliet. Two colors—vermillion or dark green. Endorsed by Florists, Gardeners, Seedsmen and others. Send for circular. Address

FINLEY LAWN RAKE CO.....Joliet, Ill.

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GARLAND'S IRON GUTTER

is giving satisfaction.



Write for Catalogue containing testimonials of the leading growers.

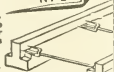
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GEO. M. GARLAND, DES PLAINES, ILL.

Holds Glass Firmly

FULL SIZE NO 2

See the Point #2 The Van Keyser Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid. HENRY A. DREER, 114 Chestnut St., Philadelphia.



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Nursery... Seed... Florists' Catalogues

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HOT WATER BOILERS, PIPES AND FITTINGS. SEND FOUR CENTS FOR CATALOGUE.

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, JUNE 6, 1901.

No. 184.

A SEASONABLE HINT.

INVEST A DOLLAR OR TWO IN

POINSETTIA PULCHERRIMA

THE FAVORITE CHRISTMAS PLANT.

STRONG SPRING STRUCK PLANTS, from 2½-inch pots, \$8.00 per hundred. Ready June 15th.

These will make the largest plants. Later propagated will be equally as useful. Poinsettia will not endure any disturbance of the roots when large, so start with small healthy plants.

WILLIAM SCOTT, MAIN and BALCOM STS., BUFFALO, N. Y.

WE ARE HEADQUARTERS FOR

Carnations and Geraniums

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced.

Governor Roosevelt.

Descriptive Catalogue sent on request.

THE COTTAGE GARDENS, QUEENS, N. Y.

KENNICOTT BROS. Co.

WHOLESALE COMMISSION FLORISTS

and Dealers in all kinds of Florists' Supplies.

42 and 44 East Randolph St., CHICAGO, ILL.

WM. F. KASTING

WHOLESALE
COMMISSION
FLORIST....

ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs.

481 Washington St., BUFFALO, N. Y.

Open Day and Night. Give Us a Trial. We Can Please You.



Barnard's Special FOR THIS WEEK ONLY

Ending next Thursday.

Pulverized Sheep Fertilizer.

Dry, clean and easy to handle.

Per 100 lbs., 90c; 500 lbs., \$4.25; 1000 lbs., \$8.00; ton, \$15.00.

Primula Sinensis Fimbriata, Extra Quality, double or single, in separate colors or mixed, per trade pkt., 50c.

Cineraria Grandiflora and Calceolaria Grandiflora, Prize Strains, per trade pkt., 50c.

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Mention Special Weekly Offer in Review when ordering.

You will find ALL the best offers ALL the time
in the Review's Classified Advs.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED IN FINE CONDITION
CYCAS REVOLUTA STEMS

Assorted sizes. Price, single stems at 10c per pound; in 100-pound lots at 8c per pound.

ALSO FRESH SEEDS OF

Areca Lutescens	Per 1000	5000 & up at
Kentia Belmoreana	\$5.50	\$5.00
" " Belmoreana	4.50	4.00
" " Forsteriana	4.50	4.00

J. M. THORBURN & Co.

(Lots of 15 John St.)

36 CORTLANDT STREET, NEW YORK.

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CYCAS REVOLUTA,

Long Leaved Sort. **OUR SPECIALTY**
For 16 years. In 100-pound lots from 1 to 15 lbs.

FRESH SEEDS.	100	1000	5000
Asparagus Pl. Nansu	85c	\$5.00	\$30.00
Asparagus Sprenger	50c	\$2.00	9.00
CINERARIA Hybrida Grandiflora, the most brilliant coloring, pkt. about 300 seeds. 25c; 2 pkts. \$1.00.			
CINERARIA dwarf growing, pkt. 25c; 5 pkts. \$1.00.			
PRIMULA Stenosis Flumibrata. In separate colors.	100	1000	
ROSE Splendens	25c	\$1.75	
Atrorubra	25c	1.75	
Alba, purest white	25c	1.75	
CERUELA True Blue	30c	2.00	
All mixed	30c	1.50	

FRESH PALM SEEDS.

Kentia Bel. or Forst.	50c	4.00
Cocos Weddelliana	75c	6.00
Pandanus Utilis	\$1.00	7.50

Send for our Estimate Blank on all French and Dutch Forcing Enchiloes, Spirals, Azalea, Fern Balls. We can save you ten per cent on EARLY orders. Address—

H. H. BERGER & Co.,

Est. 1878. 47 Barclay St., NEW YORK.

New Roses

THE BALTIMORE (Certificated), of the largest size, flowers light pink and color a light pink, still stems, blooms very early. **\$5.00** per doz.

ADMIRAL SCHLEY, the best crimson colored, bedder ever introduced. **\$3.00** per doz.

New **Chrysanthemum Joseph W. Cook**, scored 89 commercial points at Philadelphia. A light bluish pink, stiff stems, blooms very early. **\$2.50** per doz. Cash with the order. Send for descriptive slip.

JOHN C. JOK, 318 N. Charles Street, BALTIMORE, MD.

...SMILAX...

\$1.50 per 100; \$12.50 per 1000.

ASPARAGUS PLUMOSUS, \$1.00 to \$5.00 per 100; \$25.00 to \$10.00 per 1000. Pot plants ready for delivery July 1. Send for sample plant.

ALBERT M. HERR, Lancaster, Pa.

GERANIUMS good collection, 2-in., \$2.00 per 100. Double fringed Peris japonica, choice, 2-in., \$2.00 per 100. Cryptomeria Japonica (Japan Cedar) 2-inch, \$3.00 per 100. Asparagus Sprenger (see ad above) \$1.00 per 100.

E. I. RAWLINGS, Quakertown, Pa. Mention The Review when you write.



Mention THE REVIEW when you write.

Cycas Revoluta.

Dormant Stems. The LONG LEAF Variety ONLY HANDED.

NEW IMPORTATION JUST ARRIVED.

Per 100 lbs.	.....	\$8.00	Per 1000 lbs.	.....	\$70.00
Per 500 lbs.	.....	\$37.50	Per 2000 lbs.	.....	\$130.00

Please state with order what size wanted, from 1/4 lb. to 30 lbs.

Prices on all Summer, Fall and Winter Bulbs cheerfully given by

F. W. O. SCHMITZ, Jersey City, N. J.

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USE Up-to-date **FLORISTS' SUPPLIES.**

M. RICE & CO.

Importers and Manufacturers,
918 Filbert Street, PHILADELPHIA, PA.

Catalogue on the asking.

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ORCHIDS..

Arrived in fine condition the following Orchids:—Miltonia Canadica, Oncidium Crispum, O. Sarcochilus, O. Varicosum, Kopschii, Zygopetalum Mackayii and Z. Crispatum.

First class Peat, Moss, and orchid baskets always on hand.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Mention The Review when you write.

XXX SEEDS

Not to be compared to cheap imported seeds

CHINESE PRIMROSE—Finest known: large flowering fringed, 15 varieties, single and double, mixed; 500 seeds, \$1.00; half pkt., 50c.

PANSY, Finest Giants—Extra fine; the best of the mammoth flowering varieties, critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.

CINERARIA—Choicest large flowering dwarf varieties, mixed; 1000 seeds, 50c.

JOHN F. KUPP, - - Shirmanstown, Pa. The Home of Primroses.

Mention The Review when you write.

25,000 ROSES

in 2 1/2 and 3-inch pots, now ready for putting in benches. Send us a list of your wants and we will take best care of them. Write

GEO. A. KUHL, Florist, Pekin, Ill.

Mention THE REVIEW when you write.

Always Mention the...
Florists' Review
When Writing Advertisers.

WATER LILIES

Dreer's Aquatic Nurseries.

HEADQUARTERS FOR AQUATIC PLANTS OF ALL KINDS.

These may be planted during any summer month, but June is best. We furnish choice plants of Nymphaeas, Tropical day and night flowering varieties. Nelmubiums of all kinds and the Queen of Water Lilies, **The Victoria**, which should not be planted out until last of June unless artificial heat is supplied. We gladly give any information desired, both as to plants and construction of ponds, large or small.

HENRY A. DREER,
PHILADELPHIA, PA.

NEW CROP NORTHERN DAGGER FERNS now ready, 50c per 1000. Galax Leaves, Green or Bronze, 25c per 1000. Laurel Festooning, 1c, 2c and 6c, per yard.

Special attention given to orders for Weddings, etc.



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The New England Wholesale Cut Flower Co.

Wholesale Commission Dealers in CUT FLOWERS and FLORISTS' SUPPLIES

LAWRENCE CUTLER, LAWRENCE J. FLYNN,
No. 3 ORDAWAY PL., Rear of 347 Washington St.,
Telephone Main 907. BOSTON, MASS.

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REED & KELLER,

119 & 122 West 25th St., NEW YORK, N. Y.
Manufacturers of.....Florists' Wire Designs,

Importers and Dealers in Florists' Supplies,
Galax Leaves and all Decorative Greens.

Mention The Review when you write.

LATANIAS.

Lataeola, 7-inch pots, 1 plant to pot, \$15.00 per doz.
Latanias, 8-inch pots, 1 plant to pot, \$18.00 per doz.
Latanias, 8-inch pots, 3 and 4 plants to pot, 2 1/2 to 3 feet height and diameter, 12 to 14 leaves, \$5.00 per doz.

BRIDE Rose Plants, on own roots, 2 1/2-inch pots, \$1.00 per 100.
J. W. M. COLLENSH,
53rd and Woodland Aves., Philadelphia.
Mention The Review when you write.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

MISCELLANEOUS SEASONABLE HINTS.



Stock Plants.

There are some plants that to perpetuate your stock are better kept in pots and with some it is not only better, but essential, and before you are sold out you should reserve a few plants of each. The lemon verbena is one. Lantana is another, and the heliotrope should also be kept in pots, as they do not propagate from the cuttings taken from outside. We shift young plants of these into 4 or 5-inch pots and plunge them out in a frame.

I suppose you still grow that useful Christmas flower, the sweet stevia. The only trouble with it is that it is not profitable, yet you cannot do without it, and it matters not how much we have of it, there is never enough. You should have small plants of it now propagated in March, and they must be planted out in the open ground, growing them two feet each way. It should not be highly enriched ground, for the stevia is a rank grower. It is the only one of the stevias or eupatoriums that is worth growing.

Primroses.

If you have not sown primulas for next winter's flowering you should do so at once. Cover the seed very lightly with sifted leaf mold and keep moist. Keep them constantly shaded till the plants are up, and look out for slugs, for young primroses are a dainty dish for these nocturnal enemies.

Azaleas.

With us it is time now to get our azaleas plunged into a frame or the open ground. They should be in the broad sun, never behind a wall, or worse yet, under a tree. They grow a great deal during the summer and should not be crowded for several reasons. You want to get at them on all sides with the hose and they need daylight and air between them. In the hottest weather we have to water them twice a day and give them plenty of syringing.

The finest azaleas we have had for the past three or four years have been those that were unsold in the spring and were carried over for another season. Some of the varieties, in fact, do not turn out well the first season, but make splendid plants if carefully treated during the summer. Don't fail either to plunge them in the ground or thoroughly surround the pots with spent hops, tan bark or some such material. Another plan is, plant them out for the summer months and they do very well this way if you have a good, deep, friable soil, but I like growing them better in pots.

Poinsettias.

This is a good time to propagate the poinsettias, in fact, any time on till the first of September. They should not be long shoots; three joints long is enough. They root very readily, but you must keep them constantly moist. Water the sand twice a day and when potted

off keep them shaded and moist till they get a start in the pots. After that they grow like weeds, but must have the lightest and brightest house you have.

Please remember when shifting to be careful not to disturb the roots. When in active growth poinsettias do not like it and if their roots are disturbed after October 1st it is fatal to the foliage. If you want very large bracts you can produce them best by planting them on a bench in 6 or 8 inches of good soil, but we grow them all in pots. The pans have of late years been most profitable, and for this purpose the cuttings that are taken off the old plants at the end of August are most suitable.

Chrysanthemums.

We never get a chance to plant out our chrysanthemums till the bedding plant season is over, which is toward the end of this month, and many are planted in July and give us a most satisfactory crop. So you can still put in all the cuttings you can get. We used to fail on many num cuttings in the hot weather of June simply because we did not keep them soaked sufficiently. Keep them

planting that will save you space and annoyance in the fall. Begin at the end of a bench or occupy all of one bench or one house with the early varieties; the same with the mid-season, and same again with the late varieties; then you are cut clean off a bench and can clean off the whole space for lilies or other things that need the space.

WILLIAM SCOTT.

DRACAENA INDIVISA.

We present herewith an engraving we have reproduced from the Gardeners' Chronicle showing a fine specimen of *Cordylina* (*Dracaena*) *indivisa* in flower. The specimen illustrated was in the garden of Dr. Ramsay at Forquay and the Chronicle notes that both this species and *C. australis* are hardy in the southwestern counties of England and the Scilly Islands.

SIDE ISSUES.

The specialist in our business is troubled with fewer details in regard to his stock than is his less fortunate brother who finds it necessary to grow a general line of plants and flowers in order to accommodate his retail trade. But there is also the possibility of failure on the part of the specialist from some unforeseen contingency, and in that case the general grower has the opportunity to comfort himself by quoting that old adage about carrying all of his eggs in one basket.

The testing of novelties is one of the things in which both the specialist and



Dracaena Indivisa in Bloom.

saturated and they will root as well as in February.

Four inches of good heavy loam will grow flowers of the best quality. If you grow two or three flowers to a plant then eight inches apart is about right. We prefer a stem to every flower and plant six inches between rows and five inches between plants. A few days after planting every bit of shading that you may have had on the glass for other plants should come off. All the air you can give, but the broadest light, is needed. There is one thing to be observed in

the retail grower are interested, for each is on the lookout for something that will be an advance on the present stock, though the purchase of novelties does seem to be akin to that of lottery tickets, the prizes being few and far between.

Nevertheless there would be but little advance made in our business were it not for those enthusiastic growers who are willing to risk a little space each season in the testing of some novelties, or for the purpose of doing some hybridizing or otherwise improving existing varie-

ties. The showy cinerarias, the beautiful Chinese primroses, the extraordinary nignonette of Daillouze or May, and such advances in the carnation world as the Lawson and Prosperity are not the result of chance, but are due to patient and painstaking effort on the part of their growers and originators.

Such labor is not lacking in interest and sometimes is productive of capital, too. Of course there will be disappointments in the various attempts that may be made, just as there was in the first experience of the writer as a hybridist. This occurred many moons since, when it seemed to the youthful mind that there was a crying need for a variegated abutilon with white flowers, and various crosses were made with this in view, the resulting seed pods being carefully guarded and the seeds sown as soon as

termed *Cordylone australis*) and is one of the easiest plants to manage and also one of the most enduring. It is also useful as a window plant, and for decorating, while a large specimen is a most attractive object when planted out or plunged on the lawn.

Seeds of this plant should have been sown in the fall or during the winter and the seedlings either pricked out into flats or potted into small pots as soon as they were large enough to be conveniently handled, and should then have reached size enough to be planted out in the open ground about June 1. This method gives stouter and stronger plants in one season than may be had by keeping them in pots and under glass throughout the season.

Many variations are liable to appear in a lot of seedlings of the cordylone, and

edging plant around a bed of taller grasses. This plant is of quite bushy habit and throws up a large number of short canes from the underground stems, this habit making its propagation quite easy by means of division.

Other variegated plants that are frequently useful for the sake of variety are *Rohdea japonica variegata*, a tough leaved plant of which Japanese gardeners are very fond; *Ophiopogon Jaburan* var., a dense growing, striped leaved plant that also produces a number of spikes of small purple flowers, and *Antiericum vittatum variegatum*, the latter being much the most common of the three. All of these are cool house plants, and may be kept in good condition during the winter in a night temperature of 45 degrees.

Ivies are favorite house plants in many localities, and while the ordinary English



Table of Caladiums shown by Golden Gate Park, not for competition, at the San Francisco Exhibition, May 16 to 19.

they were ripe. The seedlings came up freely, and numbered some hundreds, but there were but two in the lot that had variegated foliage and the flowers of these were not the right color and were way below par in size. But these little reverses are frequently met with in the field of experiment, and ought not to deter any enthusiast from continuing his investigations.

And these reminiscences may perhaps be pardoned on the ground that they, too, are decidedly side issues, although it was not intended in the beginning to give this article such a direction, the intention being rather to offer a suggestion or two regarding some useful plants that may be termed side issues in the preparation for future business.

There are a variety of uses to which one may put *Draecena indivisa*, that very well-known narrow leaved species that is so often seen as a center plant in vases (and which is now correctly

among them is sometimes found that variegated form known as *C. Doucettii*, a very pretty plant and one that has never become common.

One of the bamboos, *Arundinaria japonica*, also known as *Bambusa Metake*, has been spoken of as a useful plant for decorating, having been used for this purpose perhaps more frequently in Europe than in our own country, but when used in this way the plants should be in a well hardened condition and also should not be permitted to suffer from lack of water, for the foliage of a grass, to which family the bamboos belong, will not stand much drought. This very graceful plant is also valuable for outdoor planting, being quite hardy in the vicinity of Philadelphia, and some seasons almost evergreen.

Another of the bamboos, *A. Fortunei*, is a handsomely variegated plant of quite dwarf growth and may be used to advantage in filling porch boxes or as an

ivy is all that is necessary in some places, yet there are others in which some variation from the ordinary stock may be appreciated. Where this latter remark applies it might be worth while to try a few sorts that are less common, and among the broad-leaved ivies, *Hedera algeriensis* and *H. poetica* can be safely recommended, both these varieties having large and handsome leaves and being vigorous growers. Two small leaved ivies that are distinct and pretty being found in *H. Donerailensis* and *H. digitata*, both of which are acceptable window plants.

Any of these ivies may be readily propagated during the latter part of the summer by means of cuttings two or three joints in length, the cuttings being planted in flats containing sand or sandy soil, kept moist and placed in a sheltered frame, preferably on the north side of a building. When rooted the cuttings may



Table Winning First Premium at the San Francisco Exhibition May 16 to 19. Exhibited by F. Pelicano & Co.

be planted in flats of good soil and allowed to remain in the flats until the following spring, when they may be planted out in the open ground at about the same time as carnations, well cultivated during the season, and in the fall should be lifted and potted into 5-inch or 6-inch pots, according to size, neatly staked up and tied, and if well done will soon attract the attention of customers.

And from the fact that ivies generally are shade-loving plants it is not so difficult to find a place for some of them in the fall, for they will flourish under the edge of a bench or stored among other plants, though in common with even the hardiest of plants a little attention will be repaid by better results.

W. H. TAPLIN.

GREENHOUSE GRAPES.

R. S. C. has a grapy in which the vines don't break good. Boiler is too small, so he has to freeze the vines in winter. Also has a vine of Barbarossa three years old that does not fruit though growing strongly.

The fact that the vines get frozen should not militate against their breaking properly if they are handled right. After the wood is ripe the vines should be pruned and laid down and covered with mats or leaves, or anything that will keep off the sun. It is always understood that it is not the freezing of a plant that causes trouble but the alternate freezing and thawing. We have been troubled here by young vines breaking irregularly that never were frozen, and I have seen the same thing at other places.

What is the cause of it no one seems definitely able to state. The trouble is only on the last year's wood from which the bud at the base of the past year's

shoot refuses to break freely. When the wood is two years old and has formed a spur it breaks freely enough.

I take it the vines of R. S. C. are all young since he speaks of his 3-year-old Barbarossa. As his vines get older he will find the trouble will cease. One man claimed it all arose from the sulphuric acid that had been used to dissolve the bone having an injurious effect on the roots, but I have seen it in a house where no bone whatever had been used in the compost.

The second query as to why the vine of Barbarossa does not fruit is because this variety is one of the most uncertain of all the varieties grown to fruit properly. When it does fruit it will probably throw an enormous bunch. I have never seen more than three or four bunches on a vine at once. It is only a third-rate grape as regards flavor, but of course the enormous bunches make it popular in some quarters. The experts tell us that the proper name of this variety is Gros Guillaume, and that the true Barbarossa is a red grape.

CHAS. TOTTY.

THE SAN FRANCISCO SHOW.

We present in this issue two engravings from photographs of displays at the San Francisco exhibition, which was fully reported in our issue of May 23. They indicate that the florists of the Pacific coast are able to show first-class stock in cut flowers as well as in plants. It must have been a very instructive as well as interesting exhibition.

"RETURNS SATISFACTORY."

That's what the Vick & Hill Co., Rochester, N. Y., report regarding their classified ads. in the REVIEW.

CHRYSANTHEMUM NOTES.

The cuttings for use as single stem plants in 6-inch pots should now be rooted. The classes for this particular kind of plants always make an exceptionally good feature at the fall exhibitions if the plants have been well grown. As soon as they are rooted pot up into 2 1/2-inch pots, and from that to the flowering size, 6-inch. The chief points to observe are not to let the young plants get pot bound, and never let them get dried out in the pots. If they are allowed to get dry a few times the wood will get hard and the bottom foliage will die off, leaving several inches of bare stem visible, while the ideal single stem pot plant should have foliage from the pot right up to the flower.

Dwarf sturdy varieties are the best to use for this purpose, Robinson being the universal favorite. Other good varieties are Sunderbruch, Morel (if you can get it good), Appleton, Wedding, Merza, Bonaffon, Nellie Pockett and Mrs. Barkley. Almost any variety will do well for this purpose, in fact, providing said variety has a compact habit. A good place to grow these plants after their final potting is in a sheltered position outside, where they will be protected from violent storms and where they could be plunged in a bed of coal ashes to keep the roots cool and moist.

In going over your plants nowadays you will occasionally notice on the under side of the leaves a small circular patch of tiny yellow eggs. They are the eggs of butterflies, and if not removed will soon hatch out an assortment of caterpillars whose appetite can only be equalled by a Weary Willie after a six days' fast. July and August are the worst months for caterpillars but strag-

glets will be found through the greater part of the season. **WALTER BENT**

MEMORIAL TREES.

In the *Washington Star* of May 25 appears an interesting illustrated article on the trees planted at the national capital by or in memory of famous men. Mr. W. R. Smith, superintendent of

trell said, "If your friend, Mr. Bingham, will withdraw the force bill and pass the Crittenden resolutions, I will guarantee that Georgia will not go out of the Union."

"Mr. Bingham said: 'I will do what I can about the business.' Subsequently he said: 'Things have gone too far to be controlled by any one man. It was because of this little episode that I asked

luxuriantly in vases and hanging baskets when supplied with proper moisture, and it will also grow very nicely indeed on rock work. We planted it last season in the full sun. I have come to the conclusion that if you start with strong, healthy stock of russelias you can grow it and keep it as easily as you can a geranium or coleus or any other plant of that character.

C. W. WARD.

Queens, N. Y.

A FLORAL FLAG.

We present herewith an engraving from a photograph of a floral flag arranged by the Shanahan Florist Company, San Francisco, and used at the funeral of Lieut. Philip Lansdale, hero of Samoa. It occupied a position of honor at the church amid a wealth of other flowers.

IMPROVEMENT ASSOCIATIONS.

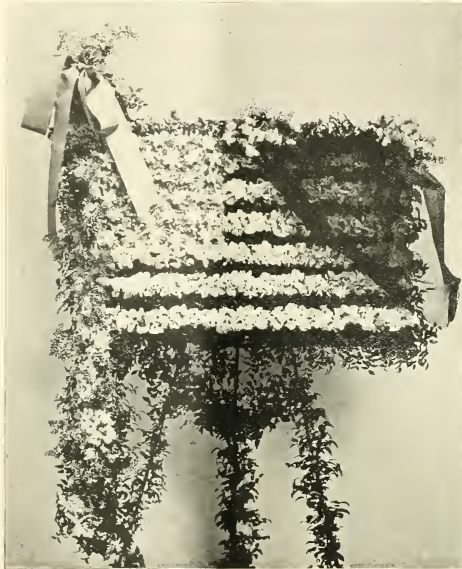
The National League of Improvement Associations will hold its annual convention in Buffalo Aug. 12 to 15 next. The sessions of the first three days will be held in the banquet hall of the City Convention Home, Buffalo, N. Y. The last day's session will be at Lake Chautauque, N. Y.

There will be no day sessions of the convention on Monday. The time will be devoted to mutual acquaintance and to visits to the Pan-American Exposition and other points of interest in Buffalo. The chief event of the evening session will be an illustrated lecture by Prof. Charles Zueblin, of the University of Chicago, a leading authority on the public beauty movement, and one of the best speakers in the country.

On Tuesday the morning session will be devoted to organization, to reports of affiliated associations, and to brief addresses on the general topic, "What We Have Done and How We Did It." The afternoon session will be devoted to thirty-minute papers on the various phases of improvement work. Each of these papers will be prepared by an expert, and all topics discussed will be of vital interest. Among the subjects already arranged for may be mentioned "The Work of the Cleveland Home Gardening Association," by W. H. Monlton, secretary industrial committee Cleveland Chamber of Commerce, and "The Influence of Neighborhood Improvement Associations in the Embellishment of Cities," by Charles M. Loring, ex-president American Park and Outdoor Art Association. In the evening there will be an illustrated address by Miss Mira Loyd Dock, of Harrisburg, Pa.

The morning session of Wednesday will be devoted to the report of the executive board of the league, the election of officers for the ensuing year, the formulation of plans for further work, and to general business. In the afternoon the delegates will visit the Pan-American Exposition and some of the parks of Buffalo, under the escort of committees appointed by the florists of the city, the board of park commissioners and local improvement associations. At the evening session there will be another illustrated lecture.

The delegates will go to Lake Chautauque on the morning of Thursday. It is planned to have a "School of Methods" on topics essentially allied to educational work. At 4 o'clock in the after-



Floral Flag Arranged by Shanahan Florist Co., San Francisco, for the Funeral of Lieut. Lansdale.

the Botanic Garden, related to the reporter the following story regarding the Crittenden oak:

"This oak was planted by that great statesman, John J. Crittenden of Kentucky, to commemorate his grand but unsuccessful efforts for peace between the north and south. My close personal relations with Mr. Crittenden and his favorite colleague, Mr. Robert Mallory, prompted me to ask them to bring from Kentucky the largest acorns they could find to plant in the garden. Mr. Crittenden planted one of the acorns here, the place in the garden being selected on account of an incident which I will tell you. Representative Gartrell, a friendly colleague of Alexander Stephens of Georgia, and Representative John A. Bingham of Ohio, one of the leaders in the republican party, met by accident in the garden. The three of us walked eastward toward the Capitol, and as we came near this gate, and I being in the middle, I facetiously offered myself as a mediator between the sections. Mr. Gar-

Mr. Crittenden to plant one of the Kentucky acorns here. That was forty years ago."

THE RUSSELLIA.

In reply to Subscriber's request for information regarding the growing of russelia, we find this plant so easy to grow that we take no especial pains with it. The young wood roots as easy as a coleus in almost any temperature above 55 degrees. The plants grow luxuriantly in any of our houses wherever the temperature runs above 55 at night. We have carried quite a lot of the stock in our carnation houses and it continues to grow thrifty, but not quite so fast as in the warmer houses.

Young plants set out in the fields with geraniums and cultivated in the same manner, grow splendidly the entire summer, making large strong clumps which bloom freely, throwing spikes two to three feet in length. There is apparently no skill required in growing it; it grows



A Table Decoration.

noon Prof. Charles Zueblin will deliver a lecture, and in the evening Mr. Edwin L. Shuey will present an illustrated address.

Mr. D. J. Thomas, Springfield, Ohio, is corresponding secretary of the League.

A TABLE DECORATION.

The accompanying engraving is from a photograph of a dinner table decoration arranged by Walter Kreitling & Co., Chicago, for a dinner tendered to the French ambassador at the Chicago Club during his recent visit to the city. We mentioned it in our Chicago notes at the time.

There were thirty-six covers and as will be seen the table was in the form of a square. The electric lights that studded the inner edge of the table were alternately red and white and in the central square was a frame work that sloped gradually down to the fountain in the center. This framework was covered with hardy fern fronds and the edge of the basin of the fountain was defined by a huge circle of yellow variegated parrot tulips. At each corner of the inner square was laid a flag of red and white carnations and blue corn flowers, two American and two French. Between these were placed loose bunches of red peonies. On the tables was a tracery of Sprenger and apple blossoms.

The huge canopy over the table was filled solidly with lilac, white and purple mixed, and the air was heavy with the fragrance. The price of the decoration was \$200. The photograph was taken the morning after the banquet which will explain any raggedness in the appearance of any of the details.

A GOOD DRUMMER.

The REVIEW is a good drummer. It sells plants quicker than any other trade paper we have in the country.—C. LAWITZEN, Rhinebeck, N. Y.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

CHRYSANTHEMUM RUST: In a paper read before the French Society of Chrysanthemum Growers, and published in their journal for February of the present year, M. Thiriat observes that his plants raised from cuttings in April are only slightly attacked with rust, while those plants raised from cuttings struck in January and February are the most severely attacked. He considers that preventive measures are less efficacious than those which tend to increase the health and vigor of the plants. Plenty of air and abundance of sunlight are essentials. M. Chantrier recommends in the same publication the application of a solution of potassium pentasulphide (liver of sulphur), which checks but does not cure the disease. The quantity used is 300 grammes to 100 litres of water.

BEGONIA GLOIRE DE LORRAINE: After the plants have ceased to bloom and have been rested for a short time by lessening the quantity of water afforded, and keeping them slightly cooler, cut them down and place in the stove, when in a short space of time suckers will be thrown up. Cuttings of the strongest of these should be taken and struck in small pots in a steady bottom heat of 80 degrees. When rooted keep in the stove near the glass without shade, and repeat when necessary. Potting materials may consist of peat and turfy loam in equal proportions, with a good deal of sand. Good drainage is requisite for this and all other species. As the weather gets warmer the plants may be transferred to a heated pit, and in the warmest summer months accorded intermediate house treatment. The largest sized pot admissible is an 8-inch, but very nice plants may be grown in 4 and 6-inch pots. The plant will bear liquid manure once a week while growing.

CULTURE OF PALMS: Palms for the

decoration of the dinner table and of apartments should be of moderate or small sizes, and necessarily the pots should be as small as is consistent with the plants being in a presentable condition. When the plants are grown in very small pots, manurial aids should be frequently afforded, and one of these good to use is clear soot water. Sulphate of iron in powder, at the rate of a small teaspoonful to a 10-inch pot, and washed in with water, gives a healthy color to the leaves. When plants have been forced upwards by strong roots, as is often the case with *Latania borbonica*, repotting becomes a necessity. The new pots should be sufficiently deep to allow the surface of the ball of the plant to come an inch or more below the rims of the pots. Mutilation of the roots is not recommended as a means of attaining this object.

HELIANTHEMUM "JUBILEE": Among the many forms of *Helianthemum* variable, none of the varieties with double flowers is equal to that known as *H. venustum*, fl. pl., but for some years back sent out as *H. mutabile*, fl. pl., with the exception of that now referred to under the name of *H. Jubilee*. The double flowered crimson colored variety, which should have some special name given it to distinguish it from other double flowered forms of the same color, has the merit of long blooming, and of showing its blooms well above the foliage. They are quite upright in habit of growth, and effective in the rock garden for a long season. There are few persons who see this variety without desiring to possess it. It is so greatly superior to the ordinary double flowered forms of *H. variable* that a few companions of different colors are much to be wished for. Until lately we have not had such, but a sport from the double crimson has now given us at least one other color—a good yellow. This sport occurred in the garden of Mr. P. H. Normand, who has propagated the sport, and named it "Jubilee."

LILACS IN POTS: Lilacs once forced into bloom should not be forced the next year, but grown on as described before for two years. In fact, except under very exceptional conditions of weather and situation, it is not possible to get lilacs to flower again so well as when first brought over from the continent. Assuming that no forcing has been practiced, but the plants (Continental) have flowered naturally in a greenhouse, let them be hardened off before anything else be done. Then, having chosen a spot about the middle of a south border, away from all shadow thrown by east and west walls, shake off some of the soil, and loosen the outer roots, and having some loamy soil and manure handy, proceed to plant them at 2 to 3 feet apart, putting the loam and manure immediately round the balls; apply water, and make firm. These plants need only to have the weaker shoots removed. Give to each a short stake, and a tie to keep them steady. Put no other plants between the rows, as there must be nothing to shade the soil and keep it cool. The main idea is to obtain short, stocky, well ripened shoots. The surface must be kept friable with the hoe, and never allowed to cake. Water up to the beginning of August may be afforded in hot weather occasionally; not later, or the wood will ripen imperfectly. In a hot summer you may get shoots well set with flower buds. Lilacs which have been forced should be hardened off, and similarly treated, except that the stronger shoots may be tipped. These plants would stand for two summers in the bed, and be lifted and potted in September or October of the second year, provided the show of flower buds gives hope of good returns. No harm results to a lilac bush if it flag considerably in hot weather—in fact, it seems to conduce to greater floriferousness and early ripening of the wood.

HARDY PLANTS.

The garden of hardy plants at Lincoln Park, Chicago, was so beautiful, even before any bloom of consequence had appeared, we felt it should be shared by the readers of the REVIEW so we had the accompanying photograph taken. But now that we have the picture in black and white we realize more than ever what a large part of the garden's beauty was due to the foliage color tones. The deep red brown of the peonies and the great variety of harmonizing tones of green in the other rapidly growing herbaceous plants, supplemented by the delightful greens of the young foliage on the trees and shrubs, created a most pleasing and deeply satisfying picture.

Some slight idea of the color contrasts may be had by a close examination of the picture, but so much must be left to the imagination that it is a disappointment as an illustration.

The peonies are now in bud, the German irises are beginning to bloom and the aquilegias are approaching their best estate. The wild geranium, several specimens of which have been in fine bloom, is now passing. Several masses of the native phloxes are still a sheet of flowers and the dodonaeas are about at their best. Scilla hyacinthoides still shows hundreds of spikes of white flowers and the Oriental poppies are ready to burst their buds.

Shrubs are late and the lilacs are now about at their best, as are also *Lonicera*

tartarica and *tartarica grandiflora*. *Spiraea Van Houttei* is barely showing color yet. And curiously enough plants of this *spiraea* in Washington Park, in equally exposed situations, are already in nearly full bloom.

BOSTON.

Trade Conditions.

It seems to me that things consist more of a past, present and future just now than usually. Of course last week was a busy one and I think utilized more natural flowers than ever, one peculiarity being that hardly any artificial material was called for, and those who stocked up with it must have lost on their venture. I notice that some of the city florists must have been bitten slightly last year in this respect, as their windows did not make such a display in this line as formerly. Buyers began purchasing for Thursday as early as the previous Saturday. Monday, Tuesday and Wednesday forenoon there was a big demand, even though the weather was against us, but Wednesday afternoon found all hands supplied, and on Thursday morning but little wholesale business was done. My prediction of plenty of material except roses was correct, and even roses were not needed late in the busy time.

A tremendous lot of plants were sold, not much being left in that line save a few pansies and daisies. Geraniums are called good property now. Also a peculiarity of last week was the presence of hundreds of first class Easter lilies much better in quality than is usual for the date.

Just at present there is more coming in than could be expected considering the weather and the fact that everything was quite closely cut for Memorial Day. There is also more demand than might be looked for, so that everything goes along very smoothly. What the future will bring forth is an open question; June weddings are an unknown quantity. Last June was not a heavy one, but the one preceding was good, and I think this one will be the same. I know of some good orders already located for work during the first week. But it looks to me as though pinks will become so plentiful that only the best will stand much show.

J. S. MANTER.

BUFFALO.

We hardly ever remember the week of Decoration Day being such a gloomy time. It was not the amount of rain that fell, but drizzle, drizzle continuously for five or six days, and the day itself was gloomy in the extreme. Yet I think business was up to the average, although the crowds that usually visit the cemeteries were not so visible. There appeared to be flowers enough to go round. The weather has much retarded the work of the plant man, and he deserves sympathy, for the people did not want them nor could we fill the orders during the wretched weather, but now let the sun shine for a few days and we will be just swamped.

It appears that at last we have the genuine Greek with us. Not the sort that was alluded to a few weeks ago, who had a counter in a department store, but a stall in the entrance of the Moon-ey-Brisbane building in the very center of the city and one of the first office buildings. Well, let them come. There

is a wide difference of opinion about their influence, and if other cities can stand it I am sure we can.

The Pan-American is not filling the city to suffocation, yet there are many strangers here, and if the weather had been warm and pleasant the attendance would have more than exceeded expectations of the sanguine. It is cheerful to hear men from Ohio, Indiana and Illinois, as well as from the great cities of the east, all agree that the attendance in mid-summer will be enormous. We always thought so, and never more confidently than this moment.

I am afraid we did not see all the horticultural visitors for the past week, but we did see Mr. and Mrs. Groff of Simcoe, Ontario; Charles Vick and Mr. King, of Rochester, and President Patrick O'Mara, of New York. Mr. O'Mara helped to put good spirits into Julius Heinrich. Mr. Heinrich has worked hard to complete the fine exhibit of the Peter Henderson Company, but weather and circumstances have been against him. He will come out all right, and their plot will be a beauty spot when finished. Mr. Fotheringham, representing the F. R. Pierson Company, is also here, and he is more than delighted with horticulture at the Pan-Am. If I were to repeat all his pleasant utterances you would think they were said to please me, but they were not. He said as he stood in the midst of the rose garden and looked around, "This beats the World's Fair a hundredfold and is a credit to horticulture." W. S.

DENVER, COLO.

Decoration Day.

The demand for cut flowers and plants was on an average larger this Decoration Day than we have had before. Though lots of snowballs and iris (which were in perfection) were used, there was a good demand for the choicer flowers at a good price, roses running about 50 cents more a dozen than the usual prices, and consequently every one is happy.

Our weather out in this ordinarily very dry climate has taken quite a change and now seems very much like eastern weather, as we have had rain or cloudy days pretty nearly every day for quite a long time.

Some Fakes.

To show how much the florist can be disappointed at times, the Gallup Floral Company secured some seed of what was supposed to be our native columbine from a lady in the edge of the mountains, who claimed to have gathered them from the native plants, but when Mr. Lewis, of that firm, showed them to me today they were of any old kind but the Rocky Mt. Columbine, of which there was not one. He says he thinks he will go to the mountains himself and get his own seed.

And writing of fakes in our line of business, it calls to mind a scheme that was played on the Park Floral Company. Some one representing himself as Mr. Berry, of that firm, has been around among the Capitol Hill houses taking orders, much to the chagrin of the true Jno. Berry, especially when some customers jumped on him with both feet for having sold them worthless stock. The outcome of the matter is that now the employees of the firm have



A Spring View of the Garden of Hardy Plants at Lincoln Park, Chicago. Photographed May 24, 1901.

an official badge, on which is displayed the name and number of each employe and the firm has distributed thousands of price lists in which they call special attention to said swindle.

Various Notes.

Mr. Valentine, manager of the Park Floral Company, has returned from his eastern trip, going from here via Galveston to New York, to Buffalo, then through the lakes to Duluth and then home. He looks as if he thoroughly enjoyed his trip.

Mr. Phil Scott (who, by the way, is considered the best bowler in Denver) is to be married to Miss Simkins on June 4, and later in the season when business is not quite so brisk he and his wife intend to take in the exposition at Buffalo.

On May 24 the Denver Floral Club had one of their monthly socials, at which there was a good attendance, though it rained all the evening. The time was most pleasantly spent with cards and music and the latter was of such a fine character that the card players forgot their games. Our vice president John Satterthwaite, is just at home with the violin. T. R. S.

BALTIMORE.

The Weather.

The weather is considered a trite subject, but it is for all a very important one to the trade to which this journal is dedicated, and information and comparison from diverse sections of a common country with mutual interests at stake are not without interest and occasionally considerable profit. Here, for about two weeks preceding the date of this writing (June 3d) we have had an abnormally dull and rainy experience. The downfall has not been extreme, but the persistence of the drizzle and the continued clouds have made an uncomfortable May, and flowers, neither out-

side nor indoors, have been abundant. During the month rain fell on nineteen days, and the total precipitation was 3.67 inches.

The supply of flowers has not been excessive; indeed, neither roses nor carnations have been equal to the demand, except of poor stuff, which nobody wants and nobody will have if they can help themselves. Roses from outdoors are beginning to come in now, but they are very late, and the same may be said of peonies.

Decoration Day.

There is some divergence of opinion as to whether Decoration Day is not growing in importance here from a commercial standpoint. Some dealers report a much larger trade than usual, but this is attributable perhaps to the paucity of blooms of hardy shrubs which usually make up the bulk of floral decorations on the day. There seems, however, a growing tendency to enlarge the observance of the custom of decorating the graves not only of those who have served in army and navy, but of friends and relatives. The Spanish war seems to have revived the usage, which has not been so general for the past few years, and the fact that the day is a legal holiday will give renewed emphasis to this patriotic use of flowers, such as is seen in more northern localities. The Confederate Memorial Day is June 6th, but the effect of this on trade is scarcely perceptible.

Various Items.

Alexander Scott, manager of the Florists' Exchange, has been confined to his house for nearly two weeks by an attack of erysipelas, but he is again at his post. Theodore Eckhardt, who has been superintending the gardens and improvements of the grounds at the Springfield Insane Asylum, has resigned from that post and will go to Yokohama, Japan, where he will assume the position of general manager for the extensive house of L. Boehmer & Co., largely known as

exporters of bulbs and Japan plants, seeds, etc. The work inaugurated by Mr. E. already began to show his skill and taste in that line.

Amongst recent visitors to this city were Wm. G. Bertermann, of Indianapolis, president of the American Carnation Society, and Mr. Buettner, of Chicago.

Benjamin Durfee, of the American Rose Co., of Washington, was seen here a few days ago. He reports trade as bustling there, the official observance of Decoration Day making things lively at the capital. He is as enthusiastic as ever over the merits of the Golden Gate rose, and especially of its white form.

George A. Black has had plans prepared for a modern establishment at Lutherville, where he will grow cut flowers on the property acquired by him. The old establishment will be dismantled and the material used in part in some of the smaller of the new houses, and the land leased or sold. R.

ST. LOUIS.

The Market.

Decoration Day business in our city never amounts to much and what little was done this year was fully up to the expectations. The florists, though, who are located close to the cemeteries had all they could do and were kept bustling all day long. At the wholesale houses all hands were busy during the morning, and shipping orders the day before amounted to more than the local trade. The sale of dried stuff did not amount to much and fresh flowers had the call by long odds. Most of the stock called for was cheap outdoor stuff.

The supply of fancy stock in roses and carnations was limited. The supply of roses was hardly sufficient and much of the good stock was badly mildewed owing to the cool days and nights we have had the past week. Prices on really good stock ran from \$4 to \$6 per 100; seconds,

\$2 and \$3; the latter stuff was quite plentiful. Jacques sold well at \$3 per 100.

Carnations were in full supply and all were sold out clean before noon at prices ranging from \$1 to \$1.50 per 100. A slight advance in price was noticeable when stock was good and this was especially so in colored varieties.

Paeonies were in great demand and sold well at \$3 per 100; the supply was limited. Harrisii and callas, at \$6 per 100, sold well, but only a few were to be had. Carniflowers, sweet peas and gladioli spikes sold well at regular prices. Cape Jasmines are now coming in in large lots and are selling at \$1 per 100, but cheaper in 1,000 lots. Snitax at 15 cents per string, is having a good call just now.

Various Items.

The plantsmen at Union market report great sales of plants the day before Decoration Day, and now that the rush is over, they are taking things easy, as the season is about over and very little business will be done in that line from now on.

The commencements at the various schools will take place this month and will help the florists out a little. Charlie Kuehn, whom everybody knows, is quite a poet. This is his latest on Decoration Day:

"A florist stood on the burning deck,
On a certain warm occasion;
It was on the 30th day of May,
So he made a deck-oration."

Carew Sanders is still confined to his bed and from latest reports is still very sick.

Max Herzog and wife leave for Europe Wednesday, June 5, to be gone several months.

Thompson, Kennedy & Anderson, the horticultural builders, report that they have a very busy season before them.

Park Commissioner Ridgely will attend the annual meeting of the Park and Outdoor Art Association at Milwaukee, June 26 to 28.

The North Floral Co. report lots of G. A. R. work on Decoration Day. This, with plenty of funeral work, has made quite a busy month for them.

Theo. Miller on Delmar boulevard says that the planting season has been a good one with him; better, even, than last year. He will now rest up for a while and make the trip to Buffalo this summer.

Will Adels and F. H. Weber have matrimonial contracts on hand for this month. Both are young members of the Florists' Club and we wish them good luck.

Don't forget the club meeting next Thursday at 3 o'clock in the Belleville Commercial Club rooms.

Frank M. Ellis, one of our wholesale men, had the misfortune to lose his pocket book the past week, containing checks and post office orders, on which payment has been stopped.

Shaw's Garden was thrown open to the public last Sunday, June 2. Nearly 20,000 people passed through the gates. The garden is in fine shape this year and the visitors enjoyed themselves the entire day.

Prof. William Trelease of the Missouri Botanical Garden, is away on his usual summer vacation and will take in the Pan-American Exposition on his return home.

Fred C. Weber, state vice president,

would like to hear from all the florists in the state who are not members of the S. A. F. O. H.

The St. Louis bowlers are taking great interest in watching the four teams in the Florists' League at Chicago and we are glad to see some of the old timers take hold and make some good scores. A match game between St. Louis and Chicago florists about now, or just before the convention, to see how we stand, would awaken interest.

Bowling.

The bowlers had a warm night of it Monday. The attendance was better than usual, nine being in attendance, and some fair bowling was done. The scores are as follows:

	1	2	3	4	Tot. Av.
Kuehn	201	128	192	...	521 174
Ellison	156	182	171	...	489 163
Beneke	146	159	138	387	628 157
Sanders	132	127	150	...	409 136
Adels	145	121	126	...	392 131
Kung	182	93	166	138	542 135
Ellis	168	113	126	128	435 124
Miller	111	130	151	78	470 118
Weber	97	133	106	131	368

J. J. B.

PHILADELPHIA.

The Market.

The cut flower market has been in great shape since the report of one week ago. Decoration Day saw an active demand and this week the call for fancy stock especially is surprising. The grower who has really fine roses or sweet peas has the glad hand extended to him now while the grower with good paeonies is greeted with open arms. This week's prices are about the same as last week; the buoyancy of the market has prevented sudden fluctuations, all grades seeming to move well. Choice Beauties are eagerly sought; \$2 and \$2.50 a doz. is the city price, while \$3 is obtained for selected stock for shipping. Sweet peas are coming in from outside and are quickly snapped up at 50 to 75 cents per 100. The color is glorious now that we have bright weather at last. Paeonies usually depended upon at this time of commencements and weddings are late like everything else outdoors. P. officinalis is pretty nearly over and the other varieties need a little more sun; the result is there are not enough to go around. One commission man needed 1,000 on Monday and had much worry over getting that number, ordinarily an easy matter at this time. Eight dollars is the price for the cream, \$5 and \$6 for nice flowers. Carnations are selling well, \$2 and \$2.50 is the price for fancies, while ordinary varieties bring \$1, more or less, according to quality.

Returning again to Decoration Day there was a strong demand for outside stuff, a bunch that would make a good show for a dollar. Snow balls at 60 and 75 cents a bunch went well, also spirea and other shrubby flowers. Most of the paeonies brought prices noted above but there were at least two dozen sold at \$1.50 per doz.

Plants.

The dark weather kept cemetery work back and the florists who depend on that trade have hardly done as well as usual. They expect, however, to make it up later, as the work is pretty sure to be only delayed, not abandoned. It is probably as well the demand was a bit checked as nearly everything in a pot with a bloom on it was cleaned up on this day.

Despite the wet May the bedding plants are being moved rapidly. Nearly all choice stock is sold or engaged excepting here and there and then the grower generally knows where he can place it. Suburban retail prices on much of this stock are much too low. One dollar per doz. for geraniums from 4½-inch pots delivered and planted is the price asked by many of our out of town florists. It is their own product and they say they cannot get more. The stock is cheaply produced yet it can hardly be profitable. Nearly all of these retail growers are located on expensive properties and their bedding plants are an important if not the principal crop.

Crotons are in great demand. They go out of doors this week and next, and will add richness to the effects on many lawns and gardens.

The hardy rose business was never better for the florist than now. This is rather curious. For several years past the department stores, notably John Wanamaker, have done a thriving business in dormant roses at \$1.25 per doz. These roses are good value when carefully handled but in a dry spring they often suffer for water and do not flourish. The popular tide has turned this season and the very spring when J. W.'s roses would have had a great chance they have been neglected for the pot grown stock of our own growers and we are reaping a good harvest. It is delightful to hear the brethren assure their customers that J. W.'s roses are not safe to buy.

Various Items.

Harry Faust, of Merion, has some fine Hydrangea Otaksa in 5-inch pots.

J. J. Habermehl & Sons had a fine lot of gladioli in colors in their window before Decoration Day. Whoever grew these flowers deserves great credit for his work.

W. H. Wanger, 17th and French streets, noticed an increased demand among school children for five cent plants to give the Grand Army Post on Decoration Day. He bought 3,000 of these little plants at 3 cents and sold them at 5 cents.

There is some rose Sunrise about town this week. It is a beautiful thing and should prove a great acquisition from all standpoints.

Centauria imperialis is selling well. More of our growers should take it up.

The commencement at the Young Ladies' School at Ogontz on Tuesday created a lively demand for flowers, especially colored roses.

The prona meeting of the Florists' Club was also an event of Tuesday. A good show was seen in the club rooms at Horticultural Hall that evening by the members present. PHIL.

BEGONIA GLOIRE DE LORRAINE.

We have reproduced the accompanying illustration from the Gardener's Chronicle, which says regarding it:

"The illustration well portrays the exceedingly decorative qualities of the winter flowering Begonia Gloire de Lorraine. A novelty only a few seasons ago, the variety has become so popular that it is now cultivated in almost every garden that possesses the necessary



Begonia Gloire de Lorraine in Conservatory Decoration.

means. It is propagated by cuttings without difficulty on mild bottom-heat in a propagating frame. While the plants are growing they require an intermediate temperature, and should be kept close to the glass, that the growths may be strong and shrubby. When in bloom in the conservatory they make a beautiful effect, as may be seen in our illustration, reproduced from a photograph."

CHICAGO.

The Market.

All the wholesalers agree that it was a record breaking Decoration Day business and that such a brisk demand had never before been known for the occasion. Everything was completely cleaned up and not even scraps were left. Prices held stiffly up to quotations all through and the only regret is that some of the stock now coming in so abundantly was not in evidence last week, when orders had to be seriously cut for lack of it. The shortage in the supply of paeonies and the entire absence of Cape Jasmynes and other flowers of that class made life wearisome to the dealers who were buried under an avalanche of orders. This week a similar avalanche would be very welcome and there would be little necessity for cutting any orders.

Paeonies are now coming in freely and Cape Jasmine is arriving from the south in considerable quantities. There will be an abundance of both these flowers as well as standard stock for the school closings, or such of them as will use flowers this year. Locally this demand will be considerably interfered with by the order of the board of education forbidding the

use of flowers at the graduating exercises of the public schools.

After Decoration Day the general demand kept up well the remainder of the week, but last Monday there was a sharp slackening which became more pronounced on Tuesday. At present there is a fair shipping demand, but aside from this the market is weak and as usual the poorer grades are getting very much the worst of it.

Tea roses are held at \$4 to \$5 for good shipping grades and some specially select as high as \$6, while ordinary sells at from \$3 down. The best Beauties are \$3 a dozen and from that through the regular grades down to 75 cents. Good ordinary carnations are \$1 to \$1.50 and the fancy range from \$2 to \$3, but culls are sold at as low as 40 cents in clean up lots. In paeonies commons are quoted at \$4 to \$5 and fancy at \$6 to \$8. Some fine old reds brought \$1 a dozen readily, but in the pinks there are many that are not up to the usual standard in quality.

One outside buyer who had a telegraphic order declined by three different houses last Wednesday, took a train to the city to pick up some stock himself, and after putting in the afternoon, departed with a few odds and ends that he would have probably kicked vigorously about had they been shipped to him. Before leaving he was forced to admit that when the dealers wired back that stock was not to be had it was no fairy tale.

Various Items.

Kennicott Bros. Co. had 4,600 dozen paeonies for Decoration Day, but could have sold twice that number. They were obliged to refuse about \$1,500 worth of business.

Bassett & Washburn report shipping business as holding up finely and they are still badly rushed with orders.

McKellar & Winterson are receiving some extra fine long-stemmed white paeonies and plenty of Cape Jasmynes, which last they would have been overjoyed to have last week, but are not nearly so anxious for this week.

Wietor Bros. have already replanted twenty-two of their Beauty houses and still have sixteen left to cut from. They have also replanted eighteen of their houses of Brides and Maids.

A regular meeting of the Florists' Club will be held at the usual place tomorrow (Friday) evening. Action will probably be taken at this meeting regarding the proposed picnic.

The Geo. Wittbold Co. has a very large stock of latanias in all sizes and in extra good condition.

Head Gardener Stromback is bedding out his tender plants at Lincoln park. A new feature is a bed of fancy pelargoniums. Two beds of Azalea mollis have lately been making a gay display here. In the hardy garden the native phloxes have been making a brave show and the dodecatheons are now about at their best. The aquilegias and irises are now beginning to bloom. The paeonies are in bud and promise a great display this season, unless some accident intervenes.

Mr. Kanst has been making some radical changes in the space in front of the conservatory at Washington park. The drive is now the height of the mound at the west and those driving through have an excellent view of the bedding on the lower level between the drive and the conservatory. Most of the beds are already planted. The trees

and shrubs in this and Jackson park are in fine condition.

Bowling.

In the fifth series of league games played last Tuesday evening the Growers gave the Wholesalers mildew and black spot in two games, while the Wholesalers disbanded the Growers in one game. The Retailers presented the Seedsmen with cel-worms, smut and weevils in the three games. John Degnan, of the Seedsmen, is putting up a good game, but needs support. F. Stollery captured one of the dollar prizes with a score of 202. The scores follow:

GROWERS.			
G. Stollery	.....	158	154
F. Matti	.....	96	121
A. Schmitz	.....	147	129
J. Paulus	.....	129	109
F. Stollery	.....	202	161
		809	729

WHOLESALESAERS.			
E. F. Winterston	.....	164	140
G. L. Grant	.....	144	148
C. Hughes	.....	121	120
J. Stierrett	.....	9	29
W. S. Heffron	.....	131	103
John Foerster	.....	162	136
		722	630

RETAILERS.			
C. Balluff	.....	174	155
W. Kretling	.....	119	127
P. J. Hauswirth	.....	151	139
E. Enders	.....	123	114
Geo. Asmus	.....	179	157
		722	630

SEEDSMEN.			
Jno. Degnan	.....	183	162
C. W. Scott	.....	100	95
W. Nagle	.....	88	84
Duncan	.....	137	144
		606	588

The teams now stand as follows:

	Games won.	Games lost.
Growers	10
Wholesalers	10
Retailers	7
Seedsmen	12

Below we give the averages to date of those who have played in more than one series of games, omitting fractions where less than one-half and rounding more than one-half as one.

	Games.	Total High.	Avg.
F. Stollery	15,232	262
Geo. Asmus	2,621	105
Jos. Foerster	15,470	193
C. Balluff	15,242	214
John Degnan	15,297	153
E. F. Winterston	15,296	202
F. Matti	15,261	185
G. Stollery	12,835	157
P. J. Hauswirth	12,769	178
G. L. Grant	14,268	147
G. Paulus	15,264	171
N. A. Schmitz	12,640	177
C. A. Hunt	6,719	329
C. Hughes	6,899	144
W. S. Heffron	14,174	184
W. Kretling	9,194	144
G. Paulus	12,430	154
C. W. Scott	14,164	163
A. Henderson	6,765	148
W. Nagle	15,362	163

ST. PAUL.

Trade Conditions.

Spring trade has been decidedly good and every one in the business has been busy. Cut flowers have been in big demand, while bedding plants have sold exceedingly well. There has been a good cut of flowers, still not enough to meet all demands.

Memorial Day Trade.

Decoration Day trade was the best on record. Cut flowers were in great demand and owing to the absence of nearly all outside stock the supply was wholly insufficient. Lilacs were in bloom May 5, valleys May 15, snowballs May 20 and peonies are not yet open. Add to these shortages the lateness of the Cape Jasmine crop in the south and the inability to obtain anything but roses in carnations and valley, and you have the true condition of the market here for Memorial Day trade.

Grave decorations were extensive but

not elaborate, loose flowers being employed more than made-up designs, though some of the latter were seen.

An immense business was done in the plant line, as nearly every one with a loved one underneath the sod decorated the grave or lot with plants. Vases and beds are numerous.

The Oakland Cemetery Association, of this city, own and operate a range of houses in which many thousands of bedding plants are grown annually. These are sold at low rates and lot owners buying from the association have plants watered during the summer free of charge. All others pay \$1.50 for each bed or vase watered. As the Cemetery Association is exempt from taxation, the injustice to the florist is readily seen.

But to return to Decoration Day trade. The city demand for cut flowers was not heavy, but the increased demand from the country was enormous, and places this day as one of the best holidays in the year for the florists' business.

Fancy carnations, retailed at \$1 per doz., a few choice Bradts and Lawsons bringing \$1.50; ordinary stock, 50 to 75 cents. Roses, \$1.50 to \$2; Beauties, \$3 to \$5.

Trade Items.

June trade opens up very well, especially in the shipping line. The great call for commencements, weddings and funerals keeps down all surplus and finds a shortage nearly every night.

The growers are busy filling porch boxes, vases and beds and in planting out their own stock plants and preparing for another season's business.

L. L. May & Co. have received a large importation of palms and arancarias, which came through in first class condition. They find spring importations of palms much more satisfactory than fall, as they receive better plants and can give them the benefit of three months' growth during the hot weather in otherwise unused space. They have commenced repainting their houses, intending to give them a thorough cleaning inside and out.

The convention of doctors this week and of Woodmen next will undoubtedly give the business a little boom, though there is no great demand for flowers for their social or business sessions.

Robt. Brown, formerly foreman for L. L. May & Co., is now located at Oil City, Pa.

While it is a little to early to plan for the convention at Buffalo, I think the North Star state will be well represented. The florists here were never as prosperous as they are this season and prospects were never higher. X. Y. Z.

MILFORD, DEL.—The case of W. W. and J. C. W. Pullen will come before the United States Grand Jury June 11.

WEBSTER, MASS.—F. C. Riebe has purchased the greenhouses and business formerly conducted by the late Mrs. A. L. Converse and will continue same, retaining the title "Converse Greenhouses."

PATERSON, N. J.—Robert Smith succeeds to the business of Robert Smith & Co. An attempt is being made to have a license collected from all who sell plants at the market, the competition from farmers who sell plants from their wagons there having proved serious.

COLUMBUS, O.—John G. Dreher, formerly superintendent of parks, is now in the employ of G. Drobisch. John Reihn, lately with Mr. Drobisch, is now with John R. Hellenthal.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. No advertising in this column to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words and board, address Growers' care Florists' Review.

SITUATION WANTED—To take charge of cut flower growing establishment within 200 miles of Chicago; 10 years in one place; wages \$4.00 per month and board. Address Growers' care Florists' Review.

FOR SALE—Good upright steel boiler, 10 H. P. In use 2 years; has been carrying 20 to 30 lbs. of steam; in good repair; price \$7.00 cash; bargain. C. L. Osborn, Sidney, Ohio.

FOR SALE—Two greenhouses, 16x24 and 16x36. Full of heat, all in good repair; dwelling, 11 rooms, gas, electric light, hot water; good barn, all on same lot. Bargain; little cash. R. M. Roland, London, Ohio.

FOR EXCHANGE—I will exchange a No. 1 fruit farm of 160 acres in South Dakota for \$100 worth of ornamental trees, plants and shrubs; suitable for street and park planting. Address S. C. Burnett, 1201 Michigan Ave., Chicago, Ill.

WANTED—Good rose grower, same must also be successful grower of bedding stock; state age, references and wages; good wages to right party. Jos. Labo, Joliet, Ill.

WANTED—Good rose and carnation grower; good salary and steady work; must be a good worker and understand general greenhouse work; single. Apply at once. Missouri Nursery Co., Missouri, Mont.

WANTED—All-round experienced florist; state wages wanted with room and board; steady position for right party. Law Bros., Butte, Mont.

WANTED—A man handy with tools, for work about greenhouses; one with some knowledge of the business preferred; steady position to right party. Address M. T. care Florists' Review.

SITUATION WANTED—As foreman, by steady young man; good grower of carnations, roses, mums and general bedding stock; also capable of design work; the best of references as to ability, honesty, etc. Address W. M., care Florists' Review.

FOR SALE—\$3,000—Greenhouses and flower store combined; central location, transfer cases, ornaments and nursery stock, saddle back boiler, two horses, working and delivery wagons. For particulars address The Florists' Review, or Carlson, 300 Haight St., San Francisco, Cal.

FOR SALE—Florist establishment in best city in Wisconsin; 15,000 population; 5,300 feet of glass; office connected with residence; center of town; lot 46x40; street cars pass door; owner must leave for Europe July 1st. If you are looking for a good thing write G. E. care Florists' Review.

FOR SALE—1000 feet or more of Hitching's 4-in. pipe 200 feet new. Price 10c per foot, delivered on cars here, in lengths of 3 and 4 pipes each. Joseph Bradbury, South Orange, N. J.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in. guaranteed sound. W. H. Saiter, Rochester, N. Y.

FOR SALE—Two greenhouses; a well established trade; land stock and supplies; well situated in city of 10,000 inhabitants; terms very easy. Address 20, care Florists' Review.

BOILERS FOR SALE.

Two No. 10 Furman Boilers, heated 20,000 feet glass last seven winters. Price \$225.00 each. It's a great bargain.

JOHN A. SALZER SEED CO., La Crosse, Wis.

SITUATION WANTED.

By a thoroughly up-to-date young man, 33 years of age.

A Decorator and Designer second to none, with best references in the country.

Address Salesman, care Florists' Review.

IMPORTANT!

Joseph Heacock

To MAKE ROOM, offers the following **PALMS** of the most profitable sizes for growing on. They are home grown (never been sea sick), strong and healthy, free from insects and disease, and are of unusual good value at prices quoted. Just the kind of plants that will grow rapidly into **MONEY FOR YOU.**

ARECA LUTESCENS.

	Per doz.	Per 100
2-in. pot, 1 plant in pot, 6 to 8 in. high, per 1000, \$45.00.....	\$1.00	\$6.00
4-in. pot, 3 plants in pot, 15 in. high.....	3.00	25.00
6-in. pot, 3 plants in pot, 20 in. high.....	9.00	75.00
6-in. pot, 3 plants in pot, 24 in. high.....	12.00	100.00
	Each.	Per doz.
8-in. pot, 3 plants in pot, 30 in. high.....	\$2.50	\$30.00

KENTIA BELMOREANA.

	Per doz.	Per 100
2½ in. pot, 3 to 4 leaves, 8 in. high, per 1000, \$100.00.....	\$1.50	12.00
3-in. pot, 4 to 5 leaves, 10 to 12 in. high.....	3.00	25.00
4-in. pot, 5 to 6 leaves, 15 in. high.....	4.50	35.00
5-in. pot, 5 to 6 leaves, 20 in. high.....	9.00	75.00
	Each.	Per doz.
6-in. pot, 6 leaves, 24 in. high.....	\$1.25	\$15.00
6-in. pot, 6 to 7 leaves, 26 to 28 in. high.....	1.50	18.00

KENTIA FORSTERIANA.

	Per doz.	Per 100
2½ in. pot, 4 leaves, 8 in. high, per 1000, \$100.00.....	\$1.50	\$12.00
3-in. pot, 4 leaves, 12 in. high.....	2.50	20.00
4-in. pot, 4 to 5 leaves, 15 in. high.....	4.50	35.00
	Each.	Per doz.
6-in. pot, 5 leaves, 24 to 28 in. high.....	\$1.00	\$12.00
6-in. pot, 5 to 6 leaves, 30 in. high.....	1.25	15.00
6-in. pot, 6 leaves, 28 to 32 in. high.....	1.50	18.00
7-in. pot, 6 to 7 leaves, 30 to 36 in. high.....	2.00	24.00



Areca lutescens.

JOSEPH HEACOCK

WYNCOTE, PA.

CINCINNATI

Decoration Day Trade.

Decoration Day trade demonstrated that the people will have flowers. There was a general scramble among the trade for the few flowers in sight. Anything and everything sold; even irises of the poorer grade, which were the only flowers in over supply, were finally cleaned up at fair figures, leaving the commission houses a blank. The long-distance telephone was ringing constantly, but the only answer was that you could do nothing for them.

Never before have flowers been quite so scarce for that day in this city, and we hope it will never be so again. It is a bad thing to be compelled to turn down orders, for there are always some customers who seem to be unable to realize that flowers are not manufactured and that the weather has something to do with the supply.

Various Items.

We have now the June weddings and commencements to look forward to, and with bright, sunny weather in sight everything looks well. Already there is an increased supply, but the demand is here also, and prices remain about the same as last stated.

Park Superintendent B. P. Critchell is to be complimented on the efficiency of his work this spring. The parks look better than I have ever seen them before. Garfield park, especially, deserves mention. By arranging the large palms, with which the city greenhouses are well stocked, throughout the park in artistic groups, burying the pots in the soil, a tropical effect is produced which is very pleasing, doubly so as this park is situated almost in the center of the city. Mr. Critchell says that cut worms have been doing some damage in the flower beds, but as yet it has been slight.

A thief has for some time been lifting articles of various kinds, including flowers and plants, from the greenhouses of George & Allan. After much trouble they have been able to locate most of the articles taken, but as yet the thief is at large. They now know who the party is and his capture will follow shortly.

Mr. J. A. Peterson will hold a public auction of plants at his Race street store on Saturday, and on Monday following he will sell out his fixtures and close up his retail business in the city.

The annual meeting and election of officers of the Cincinnati Florists' Society will be held Saturday evening, June 8, at the clubrooms. A full attendance is requested. C. J. OHMER.

EVANSVILLE, IND.—Julius Niednagel has bought the Carmody greenhouses, which he has leased for many years, and will move them to a new location. Wm. Blackman has removed to a new store at 402 Main street. He is adding three new houses to his greenhouse plant.

GREENSBURG, IND.—Hedges & Clark are building two new houses.

EASTON, PA.—The Keller greenhouses have been sold to F. L. Morgenstern.

EXCELSIOR, MINN.—A. Brackett has started in the business here.

COUNCIL BLUFFS, IA.—J. F. Wilcox is building six new houses, each 26x200.

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- Asparagus P. Nanus, flats, \$1.75 per 100;
- \$15.00 per 1000.
- Celery Plants, in quantity, after June 10th, write for prices on large lots.
- German Ivy, 2-inch, \$1.00 per 100.
- R. C., 60c per 100. Cash please.

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A fine assortment, 2-inch pots, \$2.00 per 100; \$15.00 per 1000.

- GERANIUMS, the best bedding varieties, \$2.00 per 100
- BOSTON FERN, 2 1/2-inch, \$3.00 per 100
- ASPARAGUS tenuissimus, 2 1/2-in. \$2.50 per 100
- CHRYSANTHEMUMS, the leading cut flower varieties, 2 1/2-in. pots, \$1.50 per 100
- HYDRANGEAS, 2 1/2-in. pots, the best varieties. Thos. Hogg and Otaska Monstrosa, \$3.00 per 100; \$25.00 per 1000
- BOSTON IVY, \$2.00 per 100.
- CLEMATIS PANICULATA, from flats, \$1.25 per 100

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons. **ECULPIS**, Souv. de Bonn, \$2.50 per 100. C. L. Reese, Springfield, Ohio.
Abutilons, 6 colors, 2 1/2-in., \$1.50 per 100. Good & Reese Co., Springfield, Ohio.

ACALYPHA.

Acalypha Sanderi, 2 1/2-in., \$2.50 per 100. Good & Reese Co., Springfield, Ohio.

AGERATUM.

Ageratum Stella Garney, from 2 1/2-in. pots, \$2.00 per 100. Rooted cuttings, postpaid, \$1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.
Ageratums Snow Drift, Princess Pauline and Stella Gurney, strong 2 1/2-in., \$1.50 per 100. Buckley Plant Co., Springfield, Ill.
Princess Pauline, 2-in., \$2.00 per 100. Walker Bros., Hollis, Boro of Queens, N. Y.
Ageratum, 2-in., \$1.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ALTERNANTHERA.

New red Alternanthera Hermodorf, imported from Europe; best in the market; very dwarf growing, never blooms; keeps color during hottest season. Strong plants out of 2 1/2-inch pots, \$1.50 per dozen; \$3.00 per 100. Cash with order. John Baumann, E. Box 48, Middle Village, L. I., N. Y.
5000 extra strong alternanthers, red and yellow, from 2 1/2-in. pots (fall struck cuttings), \$1.50 per 100; \$10.00 per 1000. Chas. W. Thompson, 676 Ave. E, Bayonne, N. J.

Alternanthera Paronychioides major and aurea nana, rooted cuttings, 30c per 100; \$2.50 per 1000 prepaidd. Cash. G. W. Weatherly, Chillicothe, Mo.
Alternanthera, red and yellow; fine plants, \$5.00 per 1000; strong rooted cuttings, \$2.00 per 1000. Rose Hill Greenhouses, Columbia, S. C.
Alternanthera, per 100: Red and yellow, 2-in., \$2.00; rooted cuttings, 60c. Cash. Greene & Underhill, Watertown, N. Y.

Alternanthera, red and green; strong 2 1/2-in., \$2.00 per 100; \$12.00 per 1000. Buckley Plant Co., Springfield, Ill.
Alternanthera, 6 varieties; strong plants, 2 1/2-in., \$2.00 per 100; \$18.00 per 1000. C. Winterich, Defiance, Ohio.
Alternanthera, red, 1 1/2; yellow, 2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.
Alternanthera, small pink, 2 1/2-in., \$1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

ALYSSUM.

California Giant, for vases and baskets, and Little Gem, for borders, 2 1/2-in., \$1.25 per 100; \$10.00 per 1000. Buckley Plant Co., Springfield, Ill.
Alyssum, per 100: Double Giant, 2-in., \$2.00; 2 1/2-in., \$3.00. Cash. Greene & Underhill, Watertown, N. Y.
Alyssum, Double Giant, 2-in., \$2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AQUATICS.

Water lilies may be planted during any summer month, but June is best. Dreyer's aquatic nurseries are headquarters for aquatic plants of all kinds. We gladly furnish any information desired, both as to plants and construction of ponds, large or small.
H. A. Dreyer, 731 Chestnut St., Philadelphia, Pa.

ASPARAGUS.

Asparagus Sprengeri, 2-in., \$2.00; 2 1/2-in., \$2.00; 3-in., \$4.00 per 100. Mammoth verbenas, strong plants, 2 1/2-in., \$2.00 per 100. French cannaes, Samuel C. Moon, Morrisville, Bucks Co., Pa.
Strong, tested bulbs, \$1.00 a doz. South Florida Nursery Co., Dade City, Fla.

A fine lot of young Humousus Nana in 2 1/2-in. pots, ready for benching. Pays better than ferns to cut from. Price, \$3.00 per 100; \$25.00 per 1,000. Cash with order. Address Joseph Towell, Paterson, N. J.
Asparagus plumosus nanus, from flats, \$1.50 per 100. Buy your asparagus from flats and save risk of poor seed. Edw. J. Taylor, Southampton, N. Y.
200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; \$7.50 per 1,000, prepaid.
Asparagus plumosus, \$2.00 to \$5.00 per 100; \$25.00 to \$40.00 per 1000. Pot plants ready July 1. Send for sample plant. A. M. Herr, Lancaster, Pa.
A. Sprengeri, 2 1/2-in., \$2.50; 2-in., \$4.00 per 100; A. plumosus, 2 1/2-in., \$5.00; 3-in., \$6.00 per 100. Carl Hagenburger, West Mentor, Ohio.
A. plumosus nanus, 2-in., \$1.00 per 100, \$25.00 per 1,000; 2-in., \$5.00 per 100, \$40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.
Asparagus, 2-in. pots, per 100: Sprengeri, \$2.00; plumosus, \$2.50; decumbens, \$10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.
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Asparagus plumosus nanus, 3-in., \$5.00 per 100; from flats, \$2.00 per 100. Morris Floral Co., Morris, Ill.
Asparagus plumosus nanus, 2-in., \$3.00 per 100; \$27.50 per 1000. Good & Reese Co., Springfield, Ohio.
Asparagus Sprengeri, 2-in., ready for a shift, \$2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.
Asparagus tenuissimus, 2 1/2-in., \$2.50 per 100. Cash. Deibel & Springer, Ohio.
Asparagus Sprengeri and plumosus, Geo. A. Kuhl, Pekin, Ill.
Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.
Asparagus Sprengeri, seedlings, \$1.00 per 100. E. L. Rawlings, Quakertown, Pa.

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Asters. Semple's Victoria and Comet, from plants, in separate colors, white, pink, lavender, violet and crimson. J. B. Shurtleff, Jr., Cushman Ave., Revere, Mass.
Semple's asters; separate colors; purple, shell pink, rose, lavender and white, \$2.50 per 1000. A. G. Rosbach, Pemberton, N. J.
Asters, white, pink and lavender, best strain for cut flowers, 1 1/2-in. pots, \$1.50 per 100. C. L. Reese, Springfield, Ohio.
Semple's, Queen of the Market and Giant Comet Branching, 5c per 100; \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.
Asters. Semple's Blanching; white, pink, lavender, red, 5c per 100. Harry White, New Holland, Ind.
Asters, all the leading varieties, 5c per 100. Cash. Converse Greenhouses, Webster, Mass.

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Azalea Amoena, one of the choicest hardy dwarf shrubs. Two-year-old, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; \$12.00 per 100. French cannaes, Samuel C. Moon, Morrisville, Bucks Co., Pa.
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BANANAS.

The Florists' Manual, by William Scott is a whole Library on Commercial Floriculture.

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Geraniums, dbl. and single Grant, Nutt. Hill, from 2 1/2-in., \$2.50; 3-in., \$3.50; 3 1/2-in., \$4.00; 4-in., \$5.00 per 100. Mammoth verbenas, strong plants, 2 1/2-in., \$2.00 per 100. Lobelia, dwarf and trailing, 2 1/2-in., \$2.00 per 100. Sweet alyssum, in bloom, 2-in. pots, 100. French cannaes, in variety, well started, \$3.50 per 100; mixture of best varieties, \$3.00 per 100. Ivy, from pots, to 4 ft., with 2 to 4 branches, \$1.50 per doz.; \$15.00 per 100. Cash with order. Jas. Ambacher, Long Branch, N. J.
Send for our surplus list of bedding plants Phoenix Nursery Co., Box 625, Bloomington, Ill.
Gymnocarum, 2 1/2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

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Golden Queen or Beeder \$1.00, 100.
Crimson Verschaffelt 6.00, 50.
25 other varieties 5.00, 50.
Alternanthera, A. Nana 6.00, 50.
Heliotropes, 12 varieties 1.00, 100.
Salvia, Redona Splendens and Silverpot. 1.00, 100.
Cuphea, Cigar Plant75
Sweet Alyssum, Giant Double50
Valeriana, Abyssinian50
Aceratums, Stella Gurney and others50
The above are rooted cuttings. By mail, 10% extra.

Geraniums, Nutt and others, 2-inch pots, \$2.50 per 100; our selection, per 100 \$2.00
Ivy Geraniums, 2-in. pots, 2-in. pots 1.00
100 3.00
Heliotropes, 2-in. pots, per 100 1.50
Vinca Variegated, 2-in. pots, per 100 2.50
Vinca Variegated, 4-in. pots, per 100 8.00
Polargioniums, Mrs. Loyal, Victor and Robert Sandford, 4-in. pots, per 400 10.00
Cash with order.

C. A. HARRIS & CO., Deland, N. Y.

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200 BLUE HYDRANGEAS, from 8-in., 9-in. and 10-in. pots, 10 to 15 flower heads, 15 per 100; 40 plants in wooden flats, 20 to 25 flower heads, 15c per head.
1000 ENGLISH IVIES, bushy, 5 ft. long, \$12.00 per 100.
150 LEMON VERBENA, stock plants, 4-in. pots, \$1.00 per doz.
400 CANNIA AUSTRIA, strong, 4-in. pots, \$5.00 per 100.
200 CANNIA CH. HENDERSON, 4-in., \$3.00 per 100.
ALBISTUM, Double Giant, 2 1/2-in. pots, \$2.00 per 100.
AGERATUM, Best Dwarf Blue, 2 1/2-in. pots, \$3.00 per 100.
FUNKIA VARIEGATA, 60c per doz. clumps.
ASSORTED COLEUS, 1 1/2-in. pots, \$2.00 per 100.
Geraniums, not in bloom, 3-in. pots, 5c; 4-in. pots, 8c.
JOHN RECK, Bridgeport, Conn.

Geraniums in bud and bloom, S. A. Nutt, Le Pilote, Double Gen. Grant, La Favor, Mrs. Thibaut, Redona Splendens, 6 1/2-in. pots, \$5.00 per 100; Ivy Geraniums, in variety, 3 1/2-in. pots, \$5.00 per 100; Heliotrope, in three varieties, 2 1/2-in. pots, \$2.00 per 100; Verbenas, 3-in. pots, \$2.50 per 100; Double Petunias, 2-in. pots, \$3.00 per 100; Salvia, 2 1/2-in. pots, \$2.50 per 100; Ageratum, best, 2-in. pots, \$2.50 per 100; Periwinkle, 2-in. pots, very fine, \$3.00 per 100; Geraniums, large blooms, 2 1/2-in. pots, \$2.50 per 100; Geraniums in variety, 2 1/2-in. pots, \$2.50 per 100; Parrot, 2-in. pots, very fine, \$3.00 per 100; Parlor Ivy, Nasturtium, Tradescantia var. and Bronze Thunbergia, Lobelia and Maurandias, in variety, \$1.00 per 100. Cash with order. Wm. J. Chinnick, Trenton, N. J.

Will sell for cash with order or exchange for Boston Ferns, young stock or Crimson Rambler Roses: Per 100

2,000 Geraniums, from 4-in. pots \$5.00
1,000 Begonia, 5 vars., our selection, 2-in. 4.00
500 Ivy Geraniums, from 4-in. pots 4.50
4,000 Alternanthera, red and yellow 2.00
1,000 Achyranthus, red, from 4-in. pots 2.00
1,600 Holyhocks, Albany and Chartiers, 3-in. 2.50

GROVEDALE NURSERY, 1000 N. Y. Ave., MALDEN, Jr., MAINE. Fishers Lane and Wyoming Ave., PHILA., PA.
\$1.00 geraniums from 4 1/2-in. down to 3-in.; 20,000 pansies, finest colors, mixed; 6,000 daisies, which are red and 20 other varieties for bedding, all strong and healthy plants. I want to sell them at wholesale. Ludwig Mosbach, 6500 Atlantic Ave., near So. Chicago Ave., So. Chicago, Ill.

Geraniums—Good varieties, 4-in. pots, \$5.00 per 100; 2-in. pots, \$3.00 per 100.
Ivy Geraniums, 4-in. pots, \$5.00 per 100.
Cannaes—Mixed, 2 1/2-in. pots, \$5.00 per 100.
Vinca Major var.—2 1/2-in. pots, \$3.00 per 100.
Cash with order. G. RUMMLER, Nyack, N. Y.

A few thousand Geraniums, 4-inch stock, in fine condition, in bud and bloom, \$6.00 per 100. Heliotrope, four varieties, 4-inch pots in bud and full bloom, \$6.00 per 100. Selection of sorts to remain with us. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Fine geraniums, Centaur and Gen. Grant, 4-in. pots, \$6.00; 2-in., \$4.00; 3-in., \$2.00 per 100. Salvia Splendens, 2 1/2-in., \$2.00 per 100. 150 Maurandias plants, \$2.50 per 100. Cash with order. W. Keith, Piquette, Md.
Centaura gymnocarpa, \$2.50 per 100. C. L. Reese, Springfield, Ohio.

BEGONIAS.

GRAND NEW CLIMBING BEGONIA, "MARJORIE DAW." The most wonderful and rapid grower of any begonia in existence. A cross between *rubra* and *sinclairiana* scandens. Large flowers, borne in large clusters on long stems. Color an exquisite salmon pink. No collection is complete without it. Plants from 2 1/2-in. pots, \$1.55 per doz., post-paid. Send for trade list. Mrs. Theodora B. Shepley, Ventura, Cal.—Sole agent on application. Wm. Bierstadt & Son, Springfield, Ill.

Begonia, Pres. Carnot. Argentine-gutta. Bertha de Chateaurocher. Polka. Fairy. \$2.00 per 100. Manicata aura. 3-in. pots, \$5.00 per 100. C. L. Reese, Springfield, Ohio.

Gloire de Lorraine Begonia. I have the largest stock in America. \$1.50 per 100, out of 2 1/2-in. pots. Write for prices on large lots. Thomas Roland, Nahant, Mass.

Begonia Vernon, Erfordii, Sandersoni, pietas and mixtures, all sizes. 2 and 2 1/2-in., \$2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Begonia Vernon, 2 1/2-in. pots, \$2.50 per 100; 4-in. pots, \$5.00 per 100. Fine bedding plants. Larchmont Nurseries, Larchmont, N. Y.

Begonia. Dark red, pink and white, dwarf growers; fine plants, 2 1/2-in., \$2.00 per 100; \$18.00 per 1000. C. Winterich, Defiance, Ohio.

Tuberosa rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Begonia, flowering, 10 choice varieties, 2 1/2-in., \$2.25 per 100. Good & Reese Co., Springfield, Ohio.

Begonia—Feastli and Marguerite, from 2 1/2-in., \$2.50 per 100. Fairview Floral Co., Beatty, Ohio.

Begonia Rex, rooted cuttings, \$2.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

BULBS.

CALIFORNIA BULBS. Field-grown.
Calla, mammoth \$1.50 100.
Calla, extra large, 2 1/2-in. diam. \$1.50 100.
Calla, large select, 1 1/2 to 2-in. diam. 5.00 40.00
Calla, medium, 1 1/2 to 1 3/4-in. diam. 4.00 30.00
Calla, medium, 1 1/2 to 1 3/4-in. diam. 3.00 20.00
Calla, small, 1 to 1 1/4-in. diam. 2.00 15.00
Amaryllis formosissima, strong..... 2.00 15.00
Narcissus polyanthus, 2.00 15.00
Ornithogalum Arabicum 2.00 20.00
Ready to ship June 15. A. R. McCreve & Son, 25 So. Broadway, Los Angeles, Cal.

Zephyranthes rosea. Flowers profusely in hottest sun. Lasts several days when cut. Just the thing for florists. Flowering bulbs, 30¢ per doz.; 12 1/2 per doz. Single vines and stock left at \$1.00 per 100 to close out. Cannas and dahlias, mixed, strong roots, \$1.50 per 100. C. M. Homans, Box 51, Buckley, Ill.

Lilies at Christmas. 20,000 cold storage bulbs ready July. Special forcing varieties; no disease; 15 weeks done the trick easy. 5-7 inches, \$5.00 per 100, \$49.00 per 1000. F. O. B. Victoria, B. C. Edw. Alex. Wallace, Investivast Nursery, Victoria, B. C.

2,000,000 Roman hyacinths, also Dutch and French bulbs of every description. Forcing plants and valley pils. Prices on application. W. J. Walz & Co., Rochester, N. Y.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. See our prices and stock list. James Vick's Sons, Rochester, N. Y.

Plants on all summer, fall and winter bulbs cheerfully given by F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

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Swainsona, white and pink, 2 1/2-in., \$2.50 per 100. Good & Reese Co., Springfield, Ohio.

VEGETABLE PLANTS.

Cabbage. Large late Flat Dutch, Drumhead, Surehead, Danish Ballhead, 2 1/2-in. Beater, Hollander and Autumn King. Fine plants, \$1.00 per 100. Lettuce, Hanson, Doan, Golden Queen, Big Boston and Simpson. Special to clear out, for 10,000. Cash. E. W. Dyer, Chambersburg, Pa.

10,000 horseradish plants, 3 to 10 in. long, \$3.00 per 1000 by express. Sage seedlings from flat, 2 to 5 in. long, per 100, \$1.50 per 1000. 3,000 asparagus, Conover's bicolor, one year old roots, 50c per 100; \$3.00 per 1000. Cash. Ludwig Moshak, 859 North Ave., near So. Chicago Ave., So. Chicago, Ill.

Sweet potato plants. Vineland Nansemond Bush grows no runners; good yielder; extra fine quality, 75c per 100 by mail; \$5.00 per 1000 by express. Also extra fine strain Yellow Jersey, \$2.00 per 1000. N. O. Cassell, Delaware, Ill.

Sweet potato plants. White green, red and white Bermuda, Jersey yellow and red, \$1.25 per 1000; purple yam, \$2.50 per 1000; Brazillan, \$1.00 per 1000. If wanted by mail, add 75c per 100 plants. E. P. Hall, Shelbyville, Va.

Cabbage—All Head, Wakefield, Winnigatad and Flat Dutch, \$1.25 per 1000. Tomato—Champion, Aristocrat, Golden Bicolor, one year celery—Golden Selfblanching, \$1.00 per 1000. W. D. Chase & Son, New London, Ohio.

Sweet potato plants. A large stock of clean, healthy plants. Big stem Jerseys, 75c per 1000; Cedarville, 50c per 1000. Cash with order. All orders promptly filled. H. Austin, Felton, Del.

Beauty tomato plants, 1 1/2 per 100, \$1.25 per 1000. Jersey Wakefield cabbage, \$1.00 per 1000. \$3.00 per 10,000. Celery plants June 10, Cash. Mrs. Griswold, Worthington, Ohio.

For cabbage, celery, egg, pepper, lettuce, bean and tomato plants, see my display at R. Vincent, Jr., & Son, White Star, Pa.

Tomato plants—Beauty, Champion, Matchless, Perfection and Imperial, \$1.50 per 100. Cash. Conover Greenhouses, Webster, Mass.

Cabbage plants, ready to plant out, \$1.25 per 1000. J. C. Schmidt, Bristol, Pa.

VERBENAS.

Verbena, per 100, 2-in., \$2.50; 2 1/2-in., 3 1/2-in.; rooted cuttings, 75c. Lemon verbenas, extra fine, 2-in., \$3.00; 2 1/2-in., \$4.00; 3-in., \$5.00; 3 1/2-in., \$5.00; rooted cuttings, \$1.00. Cash. Greene & Underhill, Watertown, N. Y.

Verbena, very best mammoth varieties, clean and healthy; 3-in. pots, \$3.00 per 100. Cash with order. Joseph P. Smith, Burlington, N. J.

Mammoth varieties. Extra fine coming in bud and bloom, \$1.50 per 100; \$10.00 per 1000. Cash please. J. W. Miller, Hatton, Pa.

Mammoth verbenas. Fine plants from flats, 15-17 Gray Ave., Utica, N. Y.

Verbena, choice varieties in bud and bloom. Per 100, 2-in., \$3.00; 2 1/2-in., \$2.00. J. L. Dillon, Bloomburg, Pa.

Verbena, 50 grand varieties, strong 2 1/2-in., \$1.00 per 100; \$10.00 per 1000. Buckley Plant Co., Springfield, Ill.

Mammoth fine plants from soil, 40c per 100; \$3.00 per 1000. J. C. Schmidt, Bristol, Pa.

Lemon verbenas, 2-in., \$1.50 per 100. Good & Reese Co., Springfield, Ohio.

Verbena, \$2.00 per 100. W. H. Gullett & Sons, Lincoln, Ill.

VINCAS.

Vinca, green trailing, Myrtle, \$1.25 per 100; \$10.00 per 1,000. Eumonymus Japonica, green, 2 1/2-in. pots, \$2.50 per 100. Port Fritzel see my ad under that heading. Cash with order. Atlantic Coast Nurseries, office 606 4th Ave., Asbury Park, N. J.

Extra fine vincas, vines 2 to 3 ft. long, \$3.00 to \$15.00; 2-in., \$2.50; 2 1/2-in., \$3.00; 3-in., \$4.00; 3 1/2-in., \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Vinca variegata, strong and fine, extra plants, 2 and 2 1/2-in., \$2.50; 3-in., \$3.00; 4-in., \$12.00 per 100. Big bargain. Geo. M. Brinkerhoff, Springfield, Ill.

Vinca Major, var. and green, 2 1/2-in., \$3.00; 4-in., \$5.00; 5-in., \$11.00; 6-in., \$15.00 per 100. Cash, please. W. Nelson, 450, Patterson, N. J.

Vinca, strong vincas, 4-in., \$10.00 per 100. Geo. A. Rackham, 889 Van Dyke Ave., Detroit, Mich.

Vinca variegata, 2 1/2-in., \$1.50 per 100; \$12.00 per 1000. Good & Reese Co., Springfield, Ohio.

Vinca vines, green leaves, \$1.00 per 100. Cash. Jos. Cunningham, Delaware, Ohio.

Vinca major variegata, 2 1/2-in., \$3.00 per 100. Nathan Smith & Son, Adrian, Mich.

Vinca, green and variegated, \$2.00 per 100. James Frost, Greenville, Ohio.

Vinca var., 4-in., \$12.00 per 100. Converse Greenhouses, Webster, Mass.

VIOLETS.

Healthy, well rooted plants from sand of Lady Campbell now ready, 75c per 100; \$5.00 per 500; 500 at 1000 rates. Imperial, \$1.00 per 100. These are young runners. Struck in sand and not old plants divided. Will send only good stock. Chas. Black, Hightstown, N. J.

Vinca. Good healthy stock, from 3 1/2-in. pots, \$3.00 per 100; \$25.00 per 1000. Cash with order. Mount Homes Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell, \$1.00 per 100; \$25.00 per 1000. A stock. Crab & Hunter, Grand Rapids, Mich.

Marie Louise, 10,000 strong, healthy plants. December rooted, \$2.00 per 100; \$10.00 per 1000. Inspection invited. James Duncan, New Hamburg, N. Y.

California violets, healthy, well rooted runners, 100 per 100, \$1.50 per 100; \$10.00 per 1000. Cash with order. W. A. Finger, Hickville, L. N. Y.

Lady Campbell, 10,000 large clumps, with plenty of rooted runners, cheap for cash, \$5.00 per 100. E. B. Lowe, West Roxbury, Mass.

Violets. Swanley White, Lady Home Campbell and Hardy Russian, 2 1/2-in., \$2.00 per 100. Good Reese Co., Springfield, Ohio.

Princess of Wales, extra strong plants from soil, \$1.25 per 100; \$10.00 per 1000. Nathan Smith & Son, Adrian, Mich.

Marie Louise, March struck, fine plants, \$10.00 per 100. Cash, please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Lady Campbell violet runners, \$4.00 per 1000. Cash. R. Fabst, Rutledge, Del Co., Pa.

WILD FLOWERS.

Yellow jessamine, trumpet crocer and wild morning glory, 3 of Florida's most beautiful and easily grown climbers, 50c a doz. South Florida Nursery Co., Dade City, Fla.

MISCELLANEOUS.

Miscellaneous plants, per 100: Cuphea, 2-in., \$2.50. Impatiens Sultan, 2 1/2-in., \$4.00; 3-in., \$5.00. Pyrethrum, Little Gem, 5-in., \$3.00; 2 1/2-in., \$4.00; 3-in., \$5.00. Mignonette, \$2.00. Cash. Greene & Underhill, Watertown, N. Y.

Isolaipa gracilis, 2 1/2-in., \$2.50 per 100. Phalaris variegata, 3 1/2-in., \$2.00 per 100. Nathan Smith & Son, Adrian, Mich.

Pilea (artillery plant), \$2.50 per 100. Cuphea (cigar plants), \$2.00 per 100. C. L. Reese, Springfield, Ohio.

Cuphea and artillery plants, 2-in., \$2.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

TO EXCHANGE.

Agaves, yuccas, senecios, cacti, aloes, ferns (see classified ad), hostas, Anstraria, Ananassa sativa, orchids, tillandsias and many others, for sale cheap, or will exchange for Ficusus utilis, F. Velez, 30,000 callas. Soar Bros., Little River, Fla.

To Exchange—500 chrysanthemums (very fine), from 3-in. pots, for Sprengeri and plum-gold namus. E. R. Perkins, Paris, Texas.

WANTED.

Wanted—Crimson Rambler roses, rooted cuttings or 2 1/2-in. Who has them? Give price. Theer, Rip, Beloit, Ohio.

CUT FLOWER BOXES.

New crop Northern dagger ferns now ready, 75c per 100. Laurel festooning, 4, 5 and 6c per 100. Crowl Fern Co., Millington, Mass.

Star and Florist's Boxes, Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florist's Boxes. The J. W. Sefton Mfg. Co., 241-27 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKeitar & Winterson, 45, 47, 49 Washab Ave., Chicago.

DECORATIVE MATERIAL.

Our new crop of Digger ferns is now ready in lots and in various shades. Price, 10c. D. and is of a No. 1 quality; \$1.50 per 1000. Discount on large orders. Also a full line of hardy ferns, most beautiful green, laurel festooning, etc. H. M. Robinson & Co., 39 Court St., Boston, Mass.

Seminoles specialists. Fresh green palm leaves, 25c per 100. Also, needle plants, southern ones. Lowest prices; most beautiful. Seminoles Palm Co., Davenport, Ia.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves and Leucocoe aprays, address the introducer.

Harlan P. Kelsey, 116 Tremont Bldg., Boston, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 236 Court St., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green or bronze, 75c per 1000. Crowl Fern Co., Millington, Mass.

Selected galax leaves. No trash. Chas. H. Ricksacker, Livinle, N. C.

GARDEN TOOLS.

Farlin & Orendoff Co., Canton, Ill.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 265 to 281 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Pant Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Triton" and "Whirlpool" hoses made only by The B. F. GOODRICH CO., 141 LaSalle St., Chicago.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Ester, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila. Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists.

For fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.

Skabucra Dip Co., Chicago.

If you want healthy plants, fumigate with Nicotina. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.

Clippor Lawn Mower Co., Norristown, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantity. See Catalogues and price lists furnished on application. N. Y. Jersey City, N. J.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots, white bottoms, well burned and porous. Recd. prices.

Harrison Pottery, Chicago, Ohio

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Red pots. Sample pot and price list on application. C. C. Whitlow Co., Milwaukee, Wis.

Columbia plant tins. Invalid Appliance Co., 150-160 Veder St., Chicago.

Red pots. Jacobs & Landis, Colerburg, Ia.

PRINTING.

J. Horace McFarland Co., specialists in Horticultural Printing, Harrisburg, Pa.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.
G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.
Galv. rose stakes and Excelair carnation supports. H. F. Littlefield, Worcester, Mass.
3000 carnation supports, \$15.00 per 1000. J. N. Kidd, St. Joseph, Mo.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 125 W. 25th St., New York, Manufacturers of Wire Designs.
E. H. Hunt, 78-73 Wabash Ave., Chicago.

"DISBUDDING."

Under the heading, "Have you ever studied a perfect chrysanthemum," the Chicago Daily American moralizes as follows:

The chrysanthemum, imported from Japan, may be developed to almost any size and color, according to the attention of the gardener.

When you see at the top of a long stem one solitary chrysanthemum blooming in marvelous perfection, well developed on all sides, beautiful in color, containing in itself all the possible product of the plant, you see what intelligent control can do for one flower.

You also see what intelligent control can do for one human being.

The chrysanthemum left to itself is a spry, shrubby plant, producing a considerable number of small, uninteresting flowers.

These numerous flowers sap the strength of the plant and make it impossible for that plant to produce any flower of full development and perfect beauty.

The intelligent gardener, wishing to obtain a chrysanthemum of value, proceeds first of all to suppress all but the most promising bud on the plant. All the little buds which might have developed into indifferent chrysanthemums are picked off—murdered.

In their early budhood they are condemned to death, and only one bud is left to receive the accumulated energies of the stem. Hence the plant produces finally one splendid flower of real value, instead of a score of worthless, puny blossoms.

In the treatment of a chrysanthemum there is an important lesson for every man who wishes to amount to something in the world.

Like the chrysanthemum, which starts out with a great many buds, man is born here with a great many possibilities. Almost every man can do a little music, a little writing, a good deal of talking, some acting, some inventing, some mechanical work, and so on.

Every man who wishes to produce a result worth while must treat himself as the intelligent Japanese gardener treats the chrysanthemum plant. He must select among his various qualities the one quality worth preservation; he must select that development, that faculty which is his best, as the gardener selects the best bud on the plant.

Don't try to do a dozen things well. You can't succeed. You may possibly succeed in developing properly one of your buds, one of your talents. You can't develop them all. There is not in your being sufficient energy to provide actual success in more than one direction.

You may read of The Admirable Crichton who could do almost everything. But on closer investigation you will learn that everything that The Admirable Crichton could do was done better by some one else who devoted himself to that special thing.

You read that Michael Angelo was the greatest engineer, the greatest architect, the greatest artist of his day. But in the end he was really only a great artist. His architecture and art and engineering were developments of the same faculty.

Among the buds that grow on every human being there are several that should be taken off first of all. They never could amount to anything, and they could only hurt the useful buds.

A few of such buds are: Conceit, self-indulgence, drinking, smoking, gambling.

Pick off these buds at once, if you have the strength to get them off.

It is depressing to think of how many of the best men devote their strength to keeping the harmful buds alive.

The money, time and fond attention which men give to their vices, to the useless, harmful buds, would suffice to make them successful, and to produce at least one good result.

We invite young readers—and some old ones (it is never too late for a good move)—to select some of their buds for decapitation.

See if you can't rid yourselves of some of your useless ideas, ambitions or personal indulgences, and give to something worth while the energies scattered in many directions.

THE EXPERIMENT STATIONS.

There are now 49 agricultural experiment stations in the United States. The number of chemists employed in these stations is 157; the number of botanists is 50, and the number of entomologists is 42. Other branches of science also are represented at the stations, though the number of such employes is less than that of the botanists and entomologists. Dr. Wiley of the Agricultural department, calls attention to the comparatively large number of chemists thus employed as illustrative of the very important part which this science has had in the furthering of agricultural prosperity. Of the 49 directors of the stations, 20 were professional chemists at the time of their appointment.

ST. JOSEPH, MO.—The florists have entered a vigorous protest against the giving away of large quantities of flowers by the officials of the public parks and threaten legal steps to protect the taxpayers and themselves.

SHIREMANSTOWN, PA.—Mr. D. C. Rupp, the nurseryman, is arranging to attend the S. A. F. convention in Buffalo.

PARIS, FRANCE.—The Horticultural Exposition was opened by President Loubet on May 30th.

THE BEST, and the cheapest—THE REVIEW'S classified advs.

EDWARDSBURG, WIS.—Wm. Nero & Co. have started in the business here.

COATESVILLE, PA.—James Brown is building two houses, each 24x104.

READERS will confer a favor by sending in items of trade interest.

PROVIDENCE, R. I.—F. A. Fairbrother, the well-known florist, died May 23 of pneumonia, aged 72 years.

INCREASE your foreman's ability by giving him a copy of our Florists' Manual—prepared for \$5.00.

CLIFTON, N. J.—William Simpson is building two new Beauty houses, and it is reported that S. C. Nash will add new glass.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

The carnation is now being advocated for adoption as the national flower and it is reported that President McKinley is much in favor of it.

CLEVELAND, O.—The J. M. Gasser Company have built two houses for summer roses, largely Beauty, Testout, Kaiserin and Meteor. All are grafted plants except the Meteor.

THE Florists' Manual contains 200 articles by Mr. Wm. Scott on important trade subjects and they are illustrated by 224 handsome engravings from photographs.

DELAWARE, OHIO.—Franz Henry Clonson, a "traveling German florist," was arrested here recently, having given evidence of an unbalanced mind. He claimed to have come to America from Berlin with Christopher Columbus.

WE HAVE received a copy of the thirty-fifth annual report of the Iowa State Horticultural Society from the secretary, Mr. Wesley Greene, Davenport, Iowa. It contains 578 pages, and the reports of the proceedings of the several sessions are very full and complete.

COLORADO SPRINGS, COLO.—The annual flower show of the Horticultural Society will be held in a big tent in the North Park Aug. 15 and 16. Over \$650 in cash prizes are offered and all will be paid in gold. Copies of the premium lists may be had by addressing Wm. Jackson, secretary, this city.

BELLEFONTAINE, OHIO.—Poole & Purlant presented the local G. A. R. Post with a wreath for the soldiers' monument. It was of red, white and blue flowers on a background of galax. The firm reports a good Decoration Day business, the largest sales being in bedding and pot plants, though cut flowers were well cleaned up.

"SUCCESSFUL Summer Planting" is the title of a pamphlet issued by Thos. Meehan & Sons, Germantown, Pa., in which they offer pot grown hardy vines and plants. They mention vines especially, and state that these they offer were potted in large pots last fall and carried in a cool house till late winter, when they were brought into the greenhouse and kept at a moderate temperature where they came gradually into leaf and made a vigorous, hard growth.

Choice Lot of Plants of Brides and Maids

Which we are offering at \$20 per 1000 in 2-in. pots, \$35 per 1000 in 3-in. pots.

SAMUELS. PENNOCK, 1612-18 Ludlow Street, PHILADELPHIA.

Mention THE REVIEW when you write.

BUFFALO HOTELS.

The Buffalo Florists' Club have undertaken to arrange for the accommodation of the visitors who expect to attend the convention of the S. A. F. in Buffalo.

While it is true the hotel rates will be higher than usual, there are any number of apartment houses that have been fitted out for the accommodation of San-American visitors; also private houses in the residence portion of the city, where rooms can be had for \$1 and up for each person, and in many instances will be served if desired, while other places will give all meals, the latter not so plentiful.

The hotel committee have a list of houses and hotels with the rates, and any person or persons wishing to engage rooms can have same secured in advance by addressing the chairman of the committee, W. A. Adams, 473 Main street, Buffalo, N. Y., stating whether they want accommodations at hotel, apartment or private house, with or without breakfast, and the number of persons desiring accommodations together. It will be necessary to inform the committee early, as they have the refusal of several apartments for the week, where from one hundred to one hundred and fifty can be accommodated in one place.

It will be unnecessary to communicate with W. J. Stewart, secretary of the Buffalo Club as the executive committee look to the Buffalo Club to accommodate the visitors, which the hotel committee are willing to do, providing they are notified in time.

Street car facilities are excellent, the restaurants plentiful and rates reasonable. No one will be overcharged at any place, and with the above desirable apartments and private houses every one will be taken care of if they notify the committee in time.

THE COMMITTEE.

CHICAGO TO BUFFALO.

The Chicago Florists' Club has instructed the committee appointed to arrange for transportation to the convention of the Society of American Florists at Buffalo next August, to issue an announcement to the members and the trade in general that it hopes to secure especially advantageous terms and accommodations this year and that the larger the party the better the chances of securing the greatest consideration from the transportation lines.

The annual convention of the S. A. F. and the Pan-American Exposition combined will no doubt prove a great drawing card and the attendance will unquestionably be large.

If it could be known definitely in advance just about how many will compose the party from Chicago, so the committee could name an approximate number with some degree of certainty, it would materially strengthen them in their efforts to secure the largest possible concessions.

Will you therefore notify the committee—First—Whether you are reasonably certain of attending the convention and intend traveling with the club's special party?

Second—Whether you hope to join the party but are uncertain of being able to do so?

Third—Whether you have made up your mind that you cannot attend this year?

Please address reply to any one of the committees as below.

G. L. GRANT,
324 Dearborn Street,
P. J. HAUSWIRTH,
222 Michigan Avenue,
E. W. INTERSON,
45 Wabash Avenue.

Chicago, May 3, 1901.

MANSFIELD, O.—Geo. W. Hunt & Son have built two new houses, one 10x80 and the other 16x50. They report a grand Decoration Day trade. It kept three horses and wagons on the jump to make the deliveries of plants, etc.

MINNEAPOLIS, MINN.—Prof. Otto Luger, Minnesota state entomologist, died May 21, aged 56 years. He was born in Germany and came to America in 1866. He was at one time superintendent of parks in Baltimore.

DES MOINES, IA.—The park board has appropriated over \$12,000 to be expended in tree and shrub planting in the parks this season.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List.

PITTSBURG, PA.

Mention The Review when you write.

GERANIUMS.

We have the following list of Standard and New Varieties, in 3-inch pots, at \$5.00 per 100 EXCELLENT STOCK FOR PEDDING.

Duc de Montemari—Double, velvety carmine. One of the best bedders.

S. A. Nutt—The best double crimson bedder.

Marvet—Double crimson, grown by many in place of S. A. Nutt.

Wm. Plattner—The best double salmon bedder.

La Favorite—Double white, the leader of its color.

Mme. Bruant—Single white, veined and bordered carmine.

Dr. Despres—Extra large double florets, bright scarlet with vermilion shading.

Cesar—Rich red selfermo, double dwarf and free.

Pierre Le Brun—Single bedder, deep rose, vein'd bright carmine, very free.

La Fayette—Very double dwarf, deep violet crimson.

Kleber—Dark violet, rich and striking, double distinct in color.

Richelieu—Double, deep crimson, with dark orange center, extra strong grower.

M. A. Berle Alue—Very double crimson, sturdy compact growth.

Sam Sloan—One of the best single crimson bedders.

M. Canovas—Double, brilliant fiery scarlet, one of the darkest Geraniums.

We also have large quantities of other seasonable stock, such as

CANNAS, CHRYSANTHEMUMS, Etc.

For description and prices see issue of May 30.

NATHAN SMITH & SON, Adrian, Mich.

Mention THE REVIEW when you write.

ASPARAGUS. SMILAX.

Spencer, 2-inch pots per 100, \$2.50
Plumose, 2.00
Incumbens 10.00

2-inch pots, \$10.00 per 1000 per 100, \$1.00
Culcus, 2½-inch pots 2.00
Vinea Vine, green leaves 1.00

GERANIUMS, to close out, per 100, \$3.00.

CASH.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.



NEW CROP DAGGER FERNS

\$1.50 per 1000. Discount on large orders.

We would respectfully inform the trade that our new crop Dagger Ferns are now ready and are A. No. 1 quality. Be sure and order them early to avoid disappointment.

We carry a full assortment of Florists' Hardy Supplies, as follows: Galax, Leucothoe Sprays, Hardy Ferns, Moss, Bouquet Green, Laurel Festooning, Bundle Laurel, etc.

Trusting we shall receive your orders, we remain, Yours very truly,

HENRY M. ROBINSON & CO.

36 Court Sq., Boston, Mass.

Mention The Review when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,

199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,

Publisher, Buffalo.

Hardy Herbaceous Plants.

Strong Field-Grown Clumps. Aquilegia, Digitalis, Alyssum Saxatile Compactum, Coreopsis Leucocoma, Gallardia Grandiflora, Gypsophila Paniculata, Hibiscus Crimson Eye, Rudbeckia Golden Glow, Arabis Alpina, Lathyrus Latifolius, \$2.00 per 100. Triboulla Vertic and Aquilegia Chrysantha, 2½-in., \$2.00 per 100. Ready soon—Hardy Phlox, choice named sorts; Hardy Pompan Chrysanthemums, in 8 fine sorts; rooted cuttings, \$1.25 per 100, postpaid; 2½-in., \$3.00 per 100. Cash with order please. **CHARLES S. DUTTON,** 85 W. 12th St., Holland, Mich.

..CANNAS..

LIST OF CANNAS:

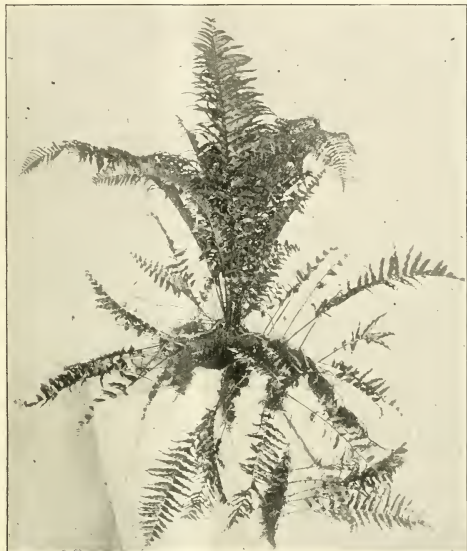
A. Bouvier, Austria, Burbank, Cal., Henderson, Florence, Vaughan, Me. Crozy, Pres. McKinley, Pres. Cleveland, Queen Charlotte, Chicago.

BOSTON FERNS of all sizes. Write

GEO. A. KUHLL, Pekin, Ill.

Mention The Review when you write.

Nephrolepis Wittboldii



HERE is a plant of *N. Wittboldii* lifted from the bench. After being photographed 40 runners were taken from this plant and potted up. It is even more prolific than the well-known Boston fern. It has not only greatly added beauty and grace but possesses every characteristic necessary to make it a money maker for the small as well as large grower. It produces with remarkable freedom, grows quickly into a fine specimen and as a house plant is fully as tough and lasting as *N. Bostoniensis*.

YOU NEED IT IN YOUR BUSINESS.

We are offering fine plants, ready for 3 and 4-inch pots at \$1 each, \$10 per doz., \$75 per 100. The demand will be immense next year and you ought to have a stock ready.

SEND IN YOUR ORDER NOW.

See our offers of PALMS, FERNS, ASPARAGUS and IVIES in Classified Advs. in this issue of the Review.

SPECIAL OFFER FOR JUNE.

We have a specially large and fine stock of **LATANIA BORBONICA**, and to reduce same quickly and gain needed room we will give **free with Latania Orders our Grand New Fern** as follows:

With a \$ 10.00 order,	One	<i>Nephrolepis Wittboldii</i> .
“ 25.00	“ Three	“ “
“ 40.00	“ Five	“ “
“ 50.00	“ Seven	“ “

Our **LATANIAS** are fine sturdy stock that will please you and we offer them as below:

2-inch pots,	\$5.00 per 100.	4-inch pots,	\$20.00 per 100.
3 “	8.00 “	5 “	35.00 “

They are exceptionally good value and you get the new fern without extra cost.

The Geo. Wittbold Co.

1657 BUCKINGHAM PLACE....

CHICAGO, ILL.

COLORADO SPRINGS, COLO.

A rain each day, for three days prior to Decoration Day did not spoil all the business here but on the last and all important day, an all day "wet" interfered seriously with the retail trade.

Clark reports wholesale orders from New Mexico, Utah and throughout this state very heavy on all kinds of cut flowers and blooming plants. Bridal wreath, honeysuckle and bloom from all kinds of flowering shrubs played an important part in filling outside orders; taking the place of inside stock as carnations and roses were very scarce.

The demand for window and porch boxes and also for bedding plants was larger this year than any previous year, but fortunately the local florists were all up to date with a good supply of everything needed.

William Clark, "the old timer" here, who is making fancy shrubs, etc., a long suit, is planting the grounds surrounding the new "Antlers Hotel" (considered the finest in Colorado) and will also put in special boxes for the balconies.

J. W. Smith and the Crump Greenhouses report good trade in cut flowers and bedding plants. J. B. B.

CHICAGO TO ROCHESTER.

Mr. Peter Hollenbach, 12 N. Halsted street, Chicago, committee on transportation for the Seed Trade Association, announces that he has arranged for a special car on the Wabash train leaving Chicago at 11 a. m. Monday, June 10, and reaching Rochester at 6 a. m. Tuesday, the opening day of the Seed Trade convention. Delegates from the west and northwest are invited to join the party.

The railroad fare from Chicago will be \$15.76 for the round trip. Sleeping car fare \$3.00 per double berth from Chicago to Rochester. Delegates will have the privilege of stopping over at Buffalo to visit the Pan-American Exposition. Those who desire can also stop over at Niagara Falls.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Good & Reese Co., Springfield, Ohio, register climbing rose "Gainsborough," a sport from Viscountess Folkestone, identical with that variety in every way, excepting that it is a vigorous climber. The flowers are described as of immense size, resembling a huge fluffy paony.

WM. J. STEWART, Secretary.

MUCH APPRECIATE IT.

Enclosed find \$1.00 for renewal of subscription to your valuable paper, the WEEKLY FLORISTS' REVIEW, which we very much appreciate and feel we could not afford to be without.—W. T. STEPHENS, Brookfield, Mo.

CLASSIFIED ADVS. O. K.

Please discontinue my adv. in REVIEW, as plants are all sold. The classified ads. are O. K.—HARVEY E. SNOW, Camden, N. J.

Hiawatha, Kans.—Mr. J. W. Margrave, of this city, is probably the oldest florist still in active business. He lacks but a few months of being 87 years of age.

VINCAS, Extra Fine.

Vines 2 to 3 feet long, \$10.00 and \$15.00, 2 in., \$2.50; 2 1/2 in., \$3.00; 3 in., \$1.00; 3 1/2 in., \$6.00 per 100.	Per 100
Ageratum, 2-inch.....	\$1.00
Alyssum, Dble, Giant, 2-inch.....	2.00
Alternanthera, R. & Y., 2".....	3.00
Cannas, 2 1/2-inch.....	8.00
Coleus, 2 1/2".....	3.00
Chrysanthemums, assorted, 2 1/2-inch.....	3.00
Coleus Scandens, 2 1/2-inch.....	3.00
Cuphea, 2-inch.....	2.00
Dahlia, 2 1/2-inch.....	6.00
Fuchsia, 2 1/2".....	3.00

GERANIUMS.

Mars, 2 1/2-inch.....	4.00
Mrs. Parker, 2 1/2-inch.....	6.00
Silver Leaf, 2 1/2".....	4.00

100,000 ROOTED CUTTINGS.

Begonia Rex.....	\$2.00
Begonia Verbanas.....	1.50
Stevia Var.....	1.00
Verbena.....	.75
Fuchsia, single.....	1.25
double.....	1.50

Write for prices on large quantities. Remember we can fill your order on receipt.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

NORWAY MAPLES, 3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 8 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, WILLIAM WARNER HARPER, PROP., CHESTNUT HILL, PHILA., PA.

Mention THE REVIEW when you write.

Burpee's Seeds Grow

VEGETABLE PLANTS.

CABBAGE.—Wakefield, Succession, All Head, Early and Late Flat Dutch, Savoy and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

CELERY.—White Plume, Golden Self-Blanching and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000; small for transplanting, 75 cts. per 1000.

EGG PLANTS.—N. Y. Improved, 25c per 100; \$2.00 per 1000.

PEPPER.—Bull Nose, Ruby King and Sweet Mountain, 25c per 100; \$2.00 per 1000.

TOMATO.—In var., 20c per 100; \$1.25 per 1000.

LETTUCE.—In var., 15c per 100; \$1.00 per 1000.

BEETS.—20c per 100; \$1.50 per 1000.

If any of the above are wanted by add 10c per 100 plants. Cash with R. VINCENT, Jr. & SON, White Marsh, Md. Mention The Review when you write.

Fancy Leaved Caladiums at Half Value.

Plants of Fancy Leaved Caladiums, from 2 1/2-inch pots, in great variety, at from \$4.00 per 100 upwards. Address:

F. J. ULBRIGHT, ANNISTON, ALA.
Mention THE REVIEW when you write.

THE E. G. HILL CO. Wholesale Florists, RICHMOND, INDIANA.

Mention THE REVIEW when you write.

We can fill your order AT ONCE with the best stock on the market.

GERANIUMS.	Per 100
American, 2 1/2 inch.....	\$6.00
Double Star Life, 2 1/2-inch.....	5.00
Dryden, 2 1/2-inch.....	6.00
Frank of Nature, 2 1/2-inch.....	4.00
10 varieties for bedding, including S. A. Nutt, 2 in., \$3.00; 2 1/2 in., \$4.00; 3 in., \$5.00; 3 1/2 in., \$6.00 per 100.	
Mrs. Pollock, 2 1/2-inch.....	4.00
Mme. Salleron, 2.....	2.50
80,000 3 1/2 in.....	3.00
3 1/2".....	5.00
3 1/2".....	6.00
Symplocos, 2 1/2-inch.....	2.00
Impatiens Sultan, 2 1/2-inch.....	4.00
2 1/2".....	6.00
Lemon Verbena, extra fine, 2 1/2-inch.....	3.00

Per 100	
Lemon Verbena, extra fine, 2 1/2".....	\$4.00
3".....	6.00
3 1/2".....	8.00
Lobelia, 2-inch.....	3.00
2 1/2".....	3.00
3".....	4.00
3 1/2".....	2.00
Marguerites.....	\$5.00
Nasturtium Plants.....	2.00
Pyrethrum, Little Gem, 2 in., 3 in., 2 1/2-inch.....	3.00
3".....	6.00
3".....	6.00
Pansies in bloom.....	1.50
Salvia, 2-inch.....	2.00
3".....	3.00
3".....	4.00
Verbena, 2-inch.....	2.50
2 1/2".....	3.00

Per 100	Per 100
Alternanthera, per 1000.....	\$5.00
Lobelia.....	\$1.00
Chrysanthemums.....	2.00
Vinca Var.....	1.00
Marguerites.....	2.00
Carnations.....	2.00

PAN-AMERICAN EXPOSITION

THE WABASH

IS THE SHORTEST LINE TO BUFFALO FROM KANSAS CITY, ST. LOUIS, CHICAGO AND INTERMEDIATE POINTS.

For Descriptive Matter, Rates, etc., call on agent or Ticket Agent, or address O. S. CRANE, Gen'l. Pass. & Ticket Agent, ST. LOUIS.

A GREAT SELLER.

Through my adv. in the REVIEW I sold all my plants and could have sold many more if I had had them. I think your paper a great seller.—Mrs. E. KUNTZ, Frankfort, Ind.

The Model Extension Carnation Support.

Galvanized Steel Rose Stakes, Pot Hangers, Plant Stakes and Tomato Supports.



PLANTING, BROOKLYN, N. Y., Feb. 18, '97.

MR. THERON PARKER, Dear Sir: Your wire stake is certainly a gem. Without hesitating we endorse it as an up-to-date Carnation Support. Yours truly,

DAILEDOUZE BROS.

W. HOBOKEN, N. J., Feb. 18, '97.

MR. THERON PARKER, Brooklyn, N. Y.

Dear Sir - It gives me much pleasure to congratulate you upon your success in getting up Carnation Supports. I think that those I have had from you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, a thing I have been looking for a long time. Wishing you every success in the sale of them, I am, Yours truly,

E. ASHCUS.

Write for Prices and Descriptive Circular.

THE PARKER-BRUEN MFG. CO.,

(Formerly Model Plant Stake Co.)

MODEL PLANT STAKES,

Theron Parker, Mgr., Inventor and Patentee, 430 Kent Ave.,

(Removed from 226 N. 9th St.) Brooklyn, N. Y. Mention THE REVIEW when you write.

Carnations.

NORWAY, EGYPT and GENEVIE LORD.

Other new and standard varieties.

Chrysanthemums.

TIMOTHY EATON, the biggest and most timothy white. Complete list of other new and standard varieties. Fine stock for immediate shipment. Send for price list.

H. WEBER & SONS, Oakland, Md.

Mention THE Review when you write

THE LARGEST FANCY CARNATION....

PROSPERITY.

A few thousand ready for immediate delivery. All orders filled in strict rotation. Prices for Rooted Cuttings - 1 plant, 50 cents; 12 plants, \$5.00; 25 plants, \$8.25; 50 plants, \$10.00 100 " 16.00; 250 " 37.50; 500 " 70.00 750 " 100.00

Write for full description.

DAILEDOUZE BROS., Flatbush, N. Y. Mention THE REVIEW when you write.

CARNATIONS

F. DDRNER & SONS CO., LaFayette, Ind.

ROSES.

From 5-in. pots at 9c. fine clean plants. Clothilde Seeger, Geo. Jacquemin, La France, Coquette des Blanches, Coquette des Alpes, etc., Queen of the Prairie, same size, at 9c.

CLEMATIS, finest purple, white and lavender sorts, 2-year, 30c; fine 2-year, dormant, or from 5-in. pots, 10c. Fine 1-year very moderate price. CLEMATIS PAVILLATA, strong plants, from 5-in. pots, 10c. Packing free for cash.

W. H. SAFFER, ROCHESTER, N. Y. Mention THE Review when you write.

Always mention the Florists' Review when writing advertisers.

Chrysanthemums, Roses, Marguerites, Stevia

We grow only good commercial varieties of plants in large quantities, select our stock carefully and supervise all shipments personally so that satisfaction is practically assured. Prices are fixed as low as good stock can be sold for allowing a fair profit.

CHRYSANTHEMUMS.

WHITE.	R. C.	2 1/2-in.	Yellow.	R. C.	2 1/2-in.	Pink.	R. C.	2 1/2-in.
Flizwetnam	Per 100	Per 100	Golden Trophy	Per 100	Per 100	Glory d'Pacific	Per 100	Per 100
Independence	1.50	2.50	Mrs. Whildin	1.50	2.50	Maud Dean	1.50	2.50
Bergmann	1.50	2.50	Modesto	1.50	2.50	Perrin	1.50	2.50
Kid	1.50	2.50	Bonafon	1.50	2.50	Vivand	1.50	2.50
Robison	1.50	2.50	Pennsylvania	2.00	4.00	Pres. Smith	1.50	2.50
Ivory	1.50	2.50	Golden Wedding	1.75	2.50	Spriding	1.50	2.50
Woodford	1.50	2.50	Harry Hurrell	1.50	2.50	Murlock	1.50	2.50
The Queen	1.50	2.50	Rienan	1.50	2.50	Autumn Glory	1.50	2.50
Mighty Joe	1.50	2.50	Yellow Jubilee	1.40	2.00	Pink Ivory	1.50	2.50
Jerome Jones	1.50	2.00	Eclipse, Yell. Chadwick	1.50	2.50			
Gretchen Buetner	1.50	2.00	wick	3.50	5.00			
Middleman	1.50	2.00	Yellow May	2.00	2.00			
Chadwick	2.00	3.00	Parrr (early)	1.50	2.00			

Yellow Flizwetnam 2.00 2.50
October Sunshine 2.00 3.00
Col. Appleton (new) 5.00 6.50
Mrs. O. P. Bassett 1.50 2.00

ROSES.

Per 100	Per 1000	Per 100	Per 1000
Gates	2 1/2-in. \$3.00	3-in. \$5.00	3-in. \$8.00
Maid	3.00	25.00	4.50
Brides	3.00	25.00	4.50
Meteor	3.00	25.00	4.50

BEAUTIES will be listed later. When less than 25 plants of a variety are ordered, add 20 per cent. 5 per cent discount will be allowed on orders from 50 to 1000 plants. 10 per cent discount will be allowed on orders for 1500 and over. Remittances must accompany orders from unknown parties. Goods will be sent C. O. D. if requested. All orders are filled as soon as stock is ready. Every order has our personal supervision and will be executed to the best of our ability. In every case when stock is shipped satisfaction is guaranteed, or money refunded.

RECORD - \$25,000 Sold during 1900 without a kick.

Have the stock to double the amount of sales.

OLD ROSE STOCKS - Brides, Maids, Meteors, Peries and Beauties, healthiest stock around Chicago, \$1.00 and \$3.00 per 100. No order for less than 10 plants accepted. Mention THE REVIEW when you write.

POEHLMANN BROS. COMPANY, - - MORTON GROVE, ILL.

Primulas, Plants, Etc.

Per 100	Per 1000
Chinese Primulas, mixed and white, 2 1/2-in.	\$ 2.00
Smilax, 2 1/2-in.	1.50
from flats	25
Asparagus Plumosus Nanus, 3-in.	5.00
from flats	2.50
Geraniums, dbl. red, pink and white, 3-in.	1.00
Robinson	3.00
Aikenanthera, small pink, 2 1/2-in.	1.50
Dracaena Indiva, 4-in.	10.00
California Ice Plant, for baskets, 2 1/2-in.	3.00
Geranium, Jean Vialad, 3-in.	10.00

CASH THE MORRIS FLORAL CO., Morris, Ill. Mention THE REVIEW when you write.

4000 CHRYSANTHEMUMS 4000

Fine Healthy Stock.

MRS. J. JONES	Per 100
PIES, 8 1/2	25
YELLOW QUEEN	2 1/2-in., \$1 50
BERGMANN	3-in., 2.00
ROBINSON	
GOLDEN WEDDING	
QUEEN	
IVORY	
STINDERBICH	
VIOLESCENT	
MUTUAL FRIEND	
DIANA	

JUST WHAT YOU WANT. 50,000 Flower Pots, assorted sizes. 3,000 Carnation Supports, \$15 per 1000. Write us your wants. Address

J. N. KIDD, - St. Joseph, Mo. Mention THE REVIEW when you write.

SOLD OUT.

Our stock of young Carnations is sold out. Place your order now for FIELED PLANTS for FALL DELIVERY.

All the best varieties. GEO. HANCOCK & SON, Grand Haven, Mich.

Mention THE REVIEW when you write. Always mention the Florists' Review when writing advertisers.

GERANIUMS! GERANIUMS!

Best Red, Pink, Salmon. See Our Prices to Close Out. 4-in. fine sturdy plants, \$6.00 per 100; 3 1/2-in., \$5.00; 3-inch, nice and stocky, \$4.00 per 100. Worth double these figures at retail.

GERANAS. Big 4-in. Crozy, F. Vaughan, Burbank, Henderson, Austria, \$6.00 per 100.

FORCING ROSES. Get a sample 100 of our Fine Young Roses at \$3.00 per 100, \$25.00 per 1000. You will order again.

Standard Mums - Bread-winner. In prime order to plant, \$3.00 per 100. W. H. GULLETT & SONS, LINCOLN, ILL. Mention THE REVIEW when you write.

Mammoth Verbenas

Fine plants from flats. In bud and flower. 7c per 100.

CYCLAMEN Persicum and Gigantum, 2 1/2-in. ready for 2 1/2 in. pots, \$3.00 per 100. SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y. Mention THE REVIEW when you write.

..VIOLETS..

Pot plants of Imperial, Marie Louise, Farouhar and Lady Campbell, \$3.00 per 100; \$2.00 per 100. A-1 stock. CANNAS - Duke Marlborough, Bouvier, Florence Vaughan, etc., named; also mix Bouvier, Chas. Henderson, Crozy, Austria, Florence Vaughan, Etanale and others, \$4.00 per 100. S. A. Nutt and Brunati, 4-inch, \$6.00 per 100 without pots.

GRAB & HUNTER, Grand Rapids, Mich. Mention THE REVIEW when you write.

PLENTY OF GERANIUMS..

In 4s, 3s, 2 1/2s. Coleus, Verbenas, Pelargoniums, Lantanas, Plumosus, Sprengerii, Smilax.

Write GEO. A. KUHLE, Pekin, Ill. Mention THE REVIEW when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J. Mention THE Review when you write.

GRAND RAPIDS, MICH.

Memorial Day Report.

Decoration Day was a surprise. Never before was there a greater profusion of spirea and snowballs, particularly the spirea, the dull, cold weather having held it back just right to land it on Decoration Day in its prime. The cemeteries were resplendent with it; the public vault at Valley City cemetery was very tastefully trimmed with it. The first impression of a florist on seeing such a profusion of outside bloom would be that it would lessen the demand for greenhouse flowers, but such was not the case.

Roses and carnations were in the height of full crop; the cut of each was the largest ever known, and it looked as if but a small portion could be used, but the dear public all over the state came to the rescue. Shipping orders were so large and numerous that very few orders taken Tuesday and Wednesday could be but partially filled, most of them being refused entirely, as no flowers could be obtained to fill them with. Everything in the shape of a flower was used up close, no matter whether good, bad or indifferent. It was a clean up, surpassing in that respect both Xmas and Easter. There was nothing left.

Blooming plants sold out close also. The people swooped down on the greenhouses in droves. The geranium was the principal plant called for, although any nice blooming plant was in demand. The amount of increased business over last year at a rough estimate was 50 per cent.

The three weeks previous to Decoration Day were very hard on plant growth. The quality of a large percentage of the flowers was poor on account of the continued unpleasant weather. The atmosphere had become so humid that it affected carnations, causing them to begin to rot on the plants. This was the occasion of some complaint from shipping orders, as the blooms did not keep as they ought after being shipped, although perfectly fresh when shipped.

The grade of carnations that retailed at 35 cents was as a whole of very poor quality. The better grade brought 50 cents; a few extra fine Bradts, Marquis and Irene bringing 75 cents per dozen. Roses, \$1 to \$1.25 per dozen. Beauties, \$2 to \$3.50 per dozen, a few exceptionally fine and long stems, 50 cents apiece.

G. F. C.

MILWAUKEE.

Decoration day trade was a record breaker. Anything considered a flower, whether good or inferior, found a market. Carnations led the call and supply was extremely short. Outdoor stock was scarce, owing to the late spring.

GOOD RETURNS.

We have been very well pleased with the advs. we have had in the REVIEW, as they have given us good returns.—ROBERT MAXN, Lansing, Mich.

THE Model Plant Stake Company, Brooklyn, N. Y., has removed from 226 North Ninth street to 430 Kent avenue, and is now the Parker-Bruce Manufacturing Company. Mr. Theron Parker is manager as before.

ROSE PLANTS

This stock is in fine condition and is sure to give satisfaction.

Our 3-inch American Beauty are extra fine plants and will be sure to give the best of satisfaction.

From 2½-inch Pots.

Liberty, 100 \$10.00	1000 \$80.00	Bride, 100 \$2.75	1000 \$25.00	Golden Gate, 100 \$2.75	1000 \$25.00
Bridesmaid, 2.75	25.00	Meteor, 2.75	25.00	Kaiserin, 2.75	25.00

From 3-inch Pots.

American Beauty, 88 00 per 100; \$75.00 per 1000.
Meteor, Bridesmaid, Golden Gate, \$4.00 per 100; \$35.00 per 1000.
Kaiserin, from 3-in. pots, \$5 00 per 100, \$45.00 per 1000; 4-in. \$6.00 per 100, \$55.00 per 1000.

The Kaiserin from 2 and 4-inch pots are unusually large strong plants.

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

FOR LARGE ORDERS, SPECIAL OFFER.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, \$20 per 1000.

Write for special price on large quantities.

We also have Brides, Maids and Golden Gates, at \$20 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

ROSES...
FOR THE TRADE,
SPRING OF 1901.

We believe in shifting young roses often. All stock offered in 2½-in. pots has been shifted from 3-in. and is equal to most stock advertised as 3-in., and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

Meteors, Brides, Maids, Perles, La France, Kaiserin, A. V., Wootton, Belle Siebrecht, Pres. Carnot, Golden Gate, American Beauty, Liberty.

GEO. A. KUHL, PEKIN, ILL.

Mention THE REVIEW when you write.

Change Your
Rose Stock

Strong, clean, healthy, well-established stock of own roots for June shipment.

800 Maids	} 3-inch, at \$5.00 per 100.
600 Brides	
1000 Meteors	} 3-inch, \$6.00 per 100.
500 Golden Gate	
300 Dorothea	} 3-inch, \$10.00 per 100.
500 Liberty	
800 Kaiserin	} 2-inch, \$3.00 per 100.
500 Carnot	

L. L. MAY & CO.

ST. PAUL, MINN.

Mention THE REVIEW when you write.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . GREENHOUSE BUILDING

Grafted
Roses.

LIBERTY, \$18.00 per 100.
BRIDESMAIDS, BRIDES,
GOLDEN GATES, \$12.00.

Choice plants, 2½-in. pots, ready for immediate planting. Ten sample plants (to florists only) for \$1.00.

Verbenas

Choice varieties in bud and bloom.
3-in. pots, \$3 per 100; 2½-in. pots, \$2 per 100.
J. L. DILLON, Bloomsburg, Pa.

Mention THE REVIEW when you write.

Twenty Thousand
CHRYSANTHEMUMS...

Best standard varieties, good healthy plants, out of 2½-inch pots, great assortment.
\$2.50 per 100; \$20 per 1000; \$20 at 1000 rate.
CASH WITH ORDER.

CHAS. ZIMMER, West Collingswood, N. J.
Mention THE REVIEW when you write.

HENRY W. GIBBONS COMPANY

INCORPORATED.

GREENHOUSE ARCHITECTS AND BUILDERS
AND MANUFACTURERS OF

Gulf Cypress Structural Materials.

IRON FRAMES FOR GREENHOUSES.

STEAM AND HOT WATER HEATING AND VENTILATING MATERIALS.

Sales Offices: 136 Liberty St., NEW YORK. Manufactory: General Office, BLOOMSBURG, PA.

WRITE TO NEW YORK OFFICE FOR ESTIMATES, CATALOGUES, PLANS, EXPERT ADVICE, ETC.

HENRY W. GIBBONS, President, NEW YORK. J. L. DILLON, Treasurer, BLOOMSBURG, PA.

OUR PRICES on Spring Stock.

100,000 Plants in first class condition and ready to ship.

PANSIES.—SPECIAL. Our last crop of 15,000 plants is now ready and in fine condition. Fine large plants from cold frame in bud and bloom, worth \$2.00 per 100. **Special Price—** \$1.25 per 100; \$10.00 per 1000.

VERBENAS.—SPECIAL. The 20th Century Collection, New Mammoth, 20 grand varieties, including all the newest sorts, true to name. Strong 2½-inch, worth \$1.50 per 100. **Special Price—** \$1.00 per 100; \$10.00 per 1000.

ALYSUM. California Giant for vases and baskets, and Little Gem for borders. Strong 2½-in., \$1.25 per 100; \$10.00 per 1000.

ALTERNANTHERA. Red and green. Strong 2½-in., \$1.25 per 100; \$12.00 per 1000.

AGERATUMS. Snow Drift, the white novelty of 1900, Princess Pauline and Stella Gurney. Strong 2½-in. pot plants, \$1.50 per 100.

PETUNIAS. Double Fringed. Eight novelties in white, pink and bi-colored. Strong 2½-in. pot plants, \$1.50 per 100; \$12.00 per 1000.

COLEUS. Our champion collection of 15 varieties, all bright colors and including only those of decided merit. Strong rooted cuttings, 50¢ per 100, \$4.00 per 1000. 2½-in., \$1.25 per 100, \$10.00 per 1000. **Golden Bedder and Verschaellitii** in quantity.

ROSE GERANIUMS. Strong 2½-inch, \$2.00 per 100.

MME. SALLEROI GERANIUMS. Strong 2½-in., \$2.00 per 100.

GERANIUMS. S. A. Nutt, Briantii, Grant, Frances Parkins, E. G. Hill, La Favorite, Beaute Potievine. Strong rooted cuttings, \$1.50 per 100, \$14.00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

Rose Plants

GOOD, HEALTHY STOCK.

Kaiserin Augusta Victoria,

3-inch..... \$4.00 per 100; \$35.00 per 1000.
2-inch..... 3.00 per 100; 25.00 per 1000.

Cash with order.

Martin A. Magnuson,

3309 N. Western Ave., CHICAGO, ILL.

Mention The REVIEW when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

AMERICAN SEED TRADE ASSOCIATION, Rochester, N. Y., June 11-13.

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G. L. GRANT, EDITOR AND MANAGER

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
520-535 Caxton Building,
334 Dearborn Street, Chicago.

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only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$12;
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times, 10 per cent; 26 times, 20 per cent; 52 times,
30 per cent. Discounts allowed only on consecu-
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be better.

Entered at the Chicago post-office as mail mat-
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This paper is a member of the Chicago Trade
Press Association.

The Florists' Review is absolutely indepen-
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in a position to dictate its policy; it is not
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than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed
advertisements. There is a host of others mak-
ing offers in our classified ads, and they will be
found here under their proper headings.

American Rose Co. 47	Kidd, J. N. 59
Amling, E. C. 46	Kroeschell Bros. Co. 64
Andorra Nurseries. 58	Kuehn, C. A. 46
Barnard, W. W. & Co. 53	Kuhl, Geo. A. 34, 56-59, 62
Bassett & Washburn. 46	Lager & Hurrell. 34
Bentley & Co. 46	Long, D. B. 56
Berger, H. H. & Co. 44	Lord & Burdham. 64
Berning, H. G. 46	Magnuson, M. A. 41
Brant & Noe 47	McKellar & Winter- er Co. 47
Brinkerhoff & Barnett Engraving Co. 62	May, L. L. & Co. 60
Buckley Plant Co. 61	Moulner, J. C. Co. 62
Budlong, J. A. 46-60	Moore Co. W. H. Co. 61
Burpee, W. Atlee & Co. 58	Morris Floral Co. 59
Chicago Carnation Co. 47	Flower Co. 34
Chicago Cut Flower Co. 48	Parker-Bruen Mfg. Co. 59
Classified Advs. 48	Pennock, S. S. 56
Coltish, J. Wm. 54	Pittsburg Cut Flow- er Co. 56
Cook, John. 34	Poehlmann Bros. Co. Co. 46-59
Cottage Gardens. 53	Quaker City Machine Works 64
Craik & Hunter. 54	Randall, A. L. 46
Crowl Fern Co. 54	Rawlings, E. I. 34
Cunningham, Jos. H. 56	Reed & Keller. 34
Dallcouze Bros. 61	Reagan, P. H. 64
Ditsecb, A. & Co. 61	Reinberg, P. 60
Dillon, J. L. 61	Rice, M. & Co. 34
Dorner, F. & Sons Co. 59	Robinson, H. M. & Co. Co. 60
Doyle Co., J. A. 47	Rupp, John F. 64
Dreer, H. A. 56	Saltz, W. H. 64
Finley Lawn Rake Co. 64	Schillo, Adam. 64
Florists' Supply Co. 64	Schmitz, F. W. O. 34
Garland, F. 46	Scott, Wm. 64
Garland, Geo. M. 64	Skaberna Dip Co. 61
Garbans Co., H. W. 64	Smith, N. & Son. 47
Giblin & Co. 59	Soltau, Ch. 56
Greene & Underhill. 58	Thorburn, J. M. & Co. Co. 34
Grifwold, Mrs. 47	Tobacco Warehouse- ing & Trading Co. 61
Gullett, W. H. & Sons. 59	Ulbricht, F. 58
Hall, W. E. 61	Vincent, Jr. R. & Son Co. 61
Hancock, Geo. & Son. 59	Wabash Ry. 58
Heacock, Jos. 61	Weber & Sons. 59
Heiss, J. E. 61	Wellman, R. C. 59
Herr, Albert M. 34	Welch Bros. 47
Hill Co., E. G. 58	Whilldin Pottery Co. 62
Hitchard, E. 64	Whitton, T. 59
Hitchings & Co. 61	Wietor Bros. 46
Hitchings & Co. 62-64	Wilks Mfg. Co. 64
Horn, E. H. 46	Witchell, Co. Geo. 57
Jackson, E. B. 47	Zimmer, Chas. 60
Kasting, W. F. 53	
Kellogg, Geo. M. 47	
Kennett Bros. Co. 33	

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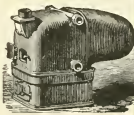
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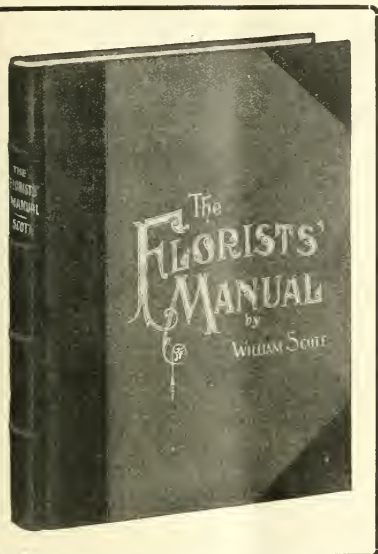
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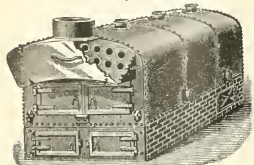
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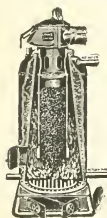


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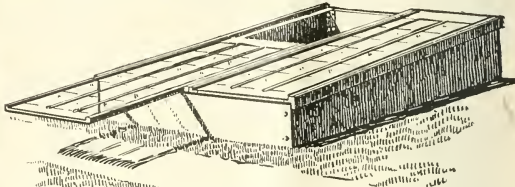


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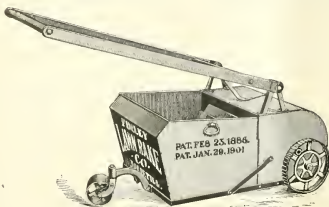
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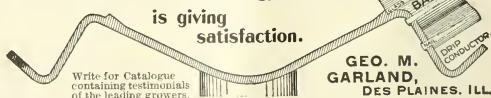


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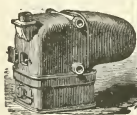
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Alba, purest white	25c	1.75
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All mixed	25c	1.50

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First class Peat, Moss, and Orchid Baskets always on hand.

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The Home of Primroses.
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in 2 1/2 and 3-inch pots, now ready for putting in benches. Send us a list of your wants and we will take best care of them. Write

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BOSTON FERN, 2 1/2-inch, \$3.00 per 100
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Special attention given to orders for Weddings, etc.



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Fine Palms,

For Price List
SEE PAGE 45, JUNE 6th.

REED & KELLER,

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of.....Florists' Wire Designs,
Dealers in Florists' Supplies,
Galax Leaves and all Decorative Greens.

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Fine strain of large blooming Pansies, small plants, 50c per 100, by mail, \$1.00 per 1000, by express. Cash with order please.

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

THE RETAIL FLORIST.....

Plants.

It is a great pleasure to note that in almost every section of the country there was an increased business for Memorial Day, for apart from the financial point of view, it augurs well for the future in many ways. Here in New York whilst the decorations of public monuments were not so elaborate as in the past, the work was more generally done, for scarcely a monument escaped attention in the way of flags, flowers or plants. A few examples of bad taste were shown by inexperienced decorators, but the majority of the work done was simple and inexpensive.

The number of plants used in the several cemeteries around New York for Decoration Day reached high the million mark, and the immense quantities of cut flowers and several sorts of designs used make the event of great importance from a florist's standpoint. Of course the florists whose places are adjacent to the cemeteries reap the greater portion of the benefit, but they have their troubles. A good deal of blackmail is levied upon them; we hear of cases where from \$250.00 to \$500.00 has to be paid the authorities for the privilege of doing business in the cemetery, and apart from this there is a semi war of cut prices among the men themselves which proves nothing except the smallness of small things.

The window boxes and plant vases, we are glad to see, are more popular and better done than ever before; the work is done fuller and with good judgment. Phoenix, hydrangeas and a general assortment of flowering and showy foliage plants are the rule, with heavy vines of ivy, variegated vinea and nasturtiums to finish. A great many *Nasturtium Japonica* are seen in tubs, and there seems to be quite a run on large bay trees.

Notwithstanding the immense quantities of plants of all kinds used, the growers are so far dissatisfied with the season's trade. On account of the weather blooms have been shy a coming, and the aforementioned cutting of prices, and the flooding of the market with rubbish, because one's great grandfather left the stock in the greenhouses when he died.

Whilst we are on the plant question don't belittle the importance of your own place being attractively planted. By having your own place made beautiful you induce others to do likewise, and if it be only a box or a vase, do your best on it and don't wait till July.

June Weddings.

June weddings are of course the most important matters at present, and they have been quite numerous, with many more to follow. There have been some very fine decorations done this month, not very elaborate, it is true, but the work in many cases was well done, and we are sorry it was impossible to get photos of the best. This is one of the draw-

backs in our business. There is either no time or there are prohibitive rules that make it out of the question to illustrate what is worth while.

Flowering shrubs have formed the greater portion of the material thus far used in church decoration, and though this kind of stock may be derived from greenhouses or market quarters, it is nevertheless splendid material for artistic fingers; in fact, there is nothing better nor more appropriate to early June. Spiraea, deutzias, mock orange, snowballs, weigela, in fact, anything you have in bloom can be used to good advantage. Cut the stock in the morning while it is cool and moist, and it will keep in good condition as long as necessary. Laburnum and hawthorn, so shyly used or considered too tender in the north, have of recent years proved themselves worthy of better acquaintance and more appreciation; they are in bloom in the neighborhood of New York at present. Nothing prettier than laburnum can be used for mirror, or any form of pendent decorative work; its recemes of golden chain-like flowers can be made to show off most effectively if care be taken in the makeup of the background. Arches of double red or pink hawthorn can be made very beautiful, providing you don't make them too apparently manufactured. In all cases where long sprayed flowers can be used stiffness or acute formal lines should be avoided; by this we don't mean that your work should have a hap-hazard thrown up appearance; there is a great knack in fixing a spray out of line, as if it grew that way, and you know a spray of flowers always grows beautiful—the sun compels it to face the right way.

The most effective way to arrange flowering shrubs is to group them separately; it is disastrous to many to mix them up; doesn't matter if it is only one vase, or a cluster panel, put them so each will show to advantage; those with thorns should be where they can cause no trouble. With the present abundance of outdoor flowers very good decorations can be done at small cost, and why not give your customers the benefit of the season? You need not put it in your estimate, but if the opportunity is easy you can put it in your work.

Greens always form a most important item in decorative work, whether it be plants or cut material. The absence of wild snailax from the market need not bother you, for the woods abound with splendid stock. The long drooping vine like branches of *Salix babylonica* is fine to use for funeral or memorial decorations, but it is entirely out of place at weddings. Not so with oak, maple or any of the hard foliage trees. Scarlet or swamp maple is perhaps the most effective, but the work must be done the day of the ceremony. There are lots of vines such as Virginia creeper, wild grape, etc., that make good material if cut at the proper time.

Where a hall or room is decorated in

permanent formal designs fine work can be done with galax and lindenleaf (in the lindenleaf sprays on hoops or rings of the desired size and wire your galax leaves into Roman garlands; you can have the wreaths green and the garlands brown, or vice versa; have your loops connect with the center of the top of the wreaths. This scheme can in like manner be worked out in flowers, especially with roses, the wreaths being of different color to the garlands, a bow of ribbon being attached to the top of the wreath connecting with garland. We are sure a hint is all that is necessary to most decorators.

Speaking of roses, of course good work can be done with any kind of stock, but in a week or so there will be an abundance of outdoor roses, and these will enable you to do your very prettiest, which need not be too mechanical. Cut your Crimson Ramblers, or other climbing roses, in long sprays and use them so in garland, or tracery, or arbor, or arch; it is easy for you to wire a few extra ones on where it may seem required, but don't be too exact in execution. There is nothing so bad as a decoration done up in checker board regularity; such decorations are the work of mechanics rather than of artists. From now on outdoor roses will be the choicest of all decorative material, and though there are many grand varieties not grown hereabouts, nevertheless we should do our best with what we can get and encourage the cultivation of the deserving kinds.

Peonies are fine for showy work, and many of the white and light pink varieties are splendid; finer work can be done with them in large decorations than with anything we know of; they look elegant at the end of pews, or in large vases, but can be used in any manner.

A daisy decoration can be made exclusively of grasses and field daisies, which should also constitute the flowers carried or worn; don't despise flowers because they grow wild or are abundant; you can, if you have an artistic reputation, usually get a good price for the arranging of them, and then again, many refined and educated people prefer certain flowers and their own fancies. Thus, though it is not a new custom, some fashionable under flowering trees out on lawns, nature forming and constituting the floral canopy. We might take a hint from this and have less of the bells, horseshoes, lovers-knots, wreaths, etc., connected with church or house decoration. Simplicity may be often lighted, but it is seldom at fault.

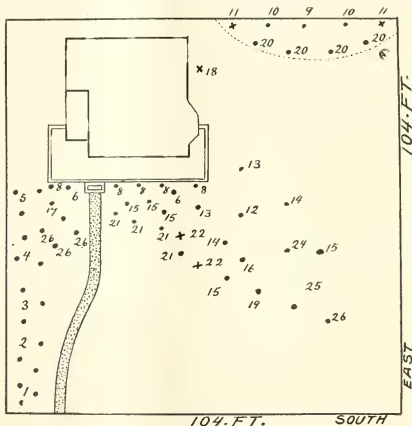
Regarding bouquets, there isn't much new to relate. The custom seems to be more bridesmaids or flower girls, thus making the procession more impressive. On several occasions lately where there has been six or more bridesmaids, the bouquets have been made to match in pairs, that is, two each, of different colors or flowers. Valley and gardenias, and valley and orchids have been among the choice brides' bunches seen, while Cattleya Mendellii or C. Gigas for attendants. But then, as you know, sweet peas or any kind of rose can be made pretty. Long wide tulle ribbon is mostly used on all florist work at present. Spray bunches of small climbing or polyantha roses tied with very narrow ribbon will be the latest for next week. The same will be used for dress garlands and head wreaths, the wreaths

to take the place of hats. Blue corn flowers are being extensively used by both sexes at present for street wear. If you intend to be an up-to-date florist next season plant out a bench of some rose not on the market and which you can make a feature of. If you have no glass make a contract with some good grower. Now is the time to plan for next winter's rose crop and do something to get out of the rut of one or two varieties. We will have an immense variety of carnations to choose from, but very few roses.

IVERA.

surrounding territory and converted it into a poplar jungle. The moral is, plant good trees while you are about it. I recall plantations of sugar maple and black walnut that have made almost as much growth as the soft ones named above, while they are incomparably superior in beauty and value of timber.

The accompanying plan embraces a plot 104 feet each way. This is about a quarter of an acre in the southeast quarter of the farm. A like space directly north can be used for barn and other outbuildings to be reached by road



Key to Plan.

- | | | |
|------------------------------|--------------------------------|----------------------------|
| 1 Berberis vulgaris purpurea | 9 Platanus occidentalis | 17 Pyrus malus floribunda |
| 2 Crataegus Crus-galli | 10 Aesculus glabra | 18 Spiraea Van Ronneit |
| 3 Xanthoxylum americanum | 11 Cercis canadensis | 19 Hibiscus militaris |
| 4 Machura aurantiaca | 12 Acer Schwedleri | 20 Amelanchier Botrapium |
| 5 Gleditsia triacanthos | 13 Loureers tartarica | 21 Peronia officinalis |
| 6 Syringa vulgaris | 14 Crataegus coccinea mollis | 22 Aquilegia canadensis |
| 8 Clematis Jackmani | 15 Pyrus (Cydonia) japonica | 24 Liquidambar styraciflua |
| | 16 Double flowering crab-apple | 25 Prunus Pissardi |

FARM HOMES.

There should be beautiful home grounds in the country as well as in the city and suburbs, and the present period of prosperity for the farmer will no doubt make him more likely to wish for something better around his home than he has had in the past. All farmers are not stingy and many now spend considerable in decorating their home grounds, though rarely with wisdom. Is not this a field to be developed by the florist?

If we look over homes that were founded, say, fifty years ago, or even half that long, many instructive facts may be observed. Perhaps the young farmer in his eagerness for speedy results planted around his house with soft maples and still softer willows, cottonwood, balm of gilead and silver leaf poplars. They grew sure enough beyond his wildest expectations. Their gigantic limbs burdened with leaves beyond their strength became a menace in every storm to the overshadowed house. In summer they abound with every creeping, crawling, boring and biting abomination known to the department of entomology. The silver poplars and balm of gilead with a numberless host of suckers annexed the

along west side of dooryard. The larger trees should have the grass sod removed from a circle of, say, five feet in diameter till they get established.

Chicago. JOHN HIGGINS.

CHRYSA nth EMUM NOTES.

Planting.

Planting the benches should be proceeded with now as soon as the plants are in a fit condition and the house is ready.

The arrangement for supporting the plants should be put up, where possible, before the benches are filled, as it is then a much quicker and simpler operation. If you propose to run your plants up on strings, put up your wires over the top to run your string up to when the time comes. If you run several wires lengthwise over the bench and tie your plants to them direct, you can fix up the ends of the benches ready, so that by-and-by all you will need to do will be to just run your wires along and fasten them.

Be sure that your bed will be well drained before you get your soil in, no matter whether you use solid beds or

benches. The mums need lots of water while growing, but the bed should be so arranged that the surplus water will pass away readily, for good results cannot possibly be attained if the soil gets sour and stagnant.

Some growers put a layer of rotten manure in the bottom of the bench before putting in the soil, but it is a practice I do not agree with. The constant watering will have leached away most of the good properties of the manure before the roots of the mums will be in a condition to use it. Keep your manure until August or September and then use as a top dressing when the watering will wash the goodness into the soil instead of out of the bottom of the bench. The best possible thing to put in the bottom of the bench is a layer of fresh green sod. The water drains readily through this and as it rots it will be of great benefit to the plants. This you can see for yourself when you empty your benches in the fall, and see the perfect net work of roots where the sod was laid. If you cannot by any means procure sod the excelsior used for packing will fill up the cracks and drain all right, but it is of course no other benefit to the plants.

If your soil is very heavy it will probably pay you to use a liberal proportion of coarse sand in it. While the mum is not by any means fastidious as to soil I have found a light sandy loam well enriched to suit it better than anything else. If you use bone meal in your soil (and it is the best thing you can use), make sure that it is evenly distributed through the heap by turning it over twice before wheeling into the house.

The distance apart to plant is a matter that every man must settle for himself, since everything depends on the grade of flowers it is proposed to grow. For the very best flowers ten inches by ten is not too much for the varieties with large and abundant foliage, such as Robinson, Wedding, Hurrell, etc., but varieties with small foliage and less vigorous habit, such as Pennsylvania, Evangeline, Morel, etc., or varieties whose foliage hangs down close against the stem, like Sanderbrinck, can be planted 9x8 and still give extra fine flowers.

Timothy Eaton is apparently a variety that can, from its habit, be grown a little closer than the average, and if this variety produces a good, even crop of flowers it will undoubtedly rank high as a commercial variety. For smaller flowers of course you can plant closer, say 8x6, or even 7x6, but remember that close planting and an extra fine stem and foliage cannot possibly go together.

I like to get my flowers as good as I can and let the other fellow grow the smaller ones. The case to my mind resolves itself into a question of arithmetic. Which is the most profitable, an average of one flower to a foot, bringing in from 30 to 50 cents, or four flowers from the same space, bringing in, say, 5 to 6 cents each? If more growers grew finer flowers it would cut down the quantity about half and this would do much to obviate the glut which always occurs along in November. It is unnecessary to say that it is always the smallest flowers that drag the most in a glutted market.

How on earth some men can afford to grow mums at the prices they get for their flowers is more than I can fathom.



Bridal Bouquet of Orchids Arranged by the Shanahan Florist Co., San Francisco.

It sometimes requires close figuring for the best growers to show a balance on the right side of the ledger. Mum growing is not like Standard Oil stock as a dividend payer, and about the only satisfaction you have is when the flowers are open and Mrs. So and So comes round to your free exhibition and exclaims: "Oh, how perfectly lovely! How you must love to look after these beautiful flowers!" It makes you feel good for a little while till you recollect that winter is coming on apace and you haven't yet got the price for your coal, or the thought grips your heart with a sudden fear, as the novelists say, that the last installment on the new boiler is due to be paid tomorrow. Then you observe slowly and sorrowfully: "Yes, madam, there is more love than money in mum growing."

BRIAN BOBU.

JAPAN LILIES FOR EASTER.

One of your subscribers sends a question for W. S. which is this: "Will it be practicable to grow *Lilium longiflorum*, Japanese bulbs, for next Easter? As it comes March 30th I have thought it would be doubtful about getting them early. Will Mr. Scott tell us how to treat them if it can be done with any reasonable prospect of success."

We believe there will be as many of the Japan lilies grown for next Easter as there were last spring, although Easter came two weeks later this year than next. There was no difficulty at all in getting them in early last April and we believe with a little extra effort they will be easily flowered by March 30th.

About their cultivation. It is a great object to get the bulbs delivered to you as

early as possible. We have had the best results by getting them potted immediately they arrive and put out of doors and covering with an inch of spent hops or very well decayed manure, and leave them till towards the end of November. They are then thoroughly well rooted and will endure a good heat. After being in the houses two or three weeks, or say until New Year's, a strong, steady heat is then necessary with no let-up and they will come along very fast. The last two months 70 degrees at night will not hurt them. Getting them well rooted outside and then rushing them along at a uniformly steady heat in the houses is much better than having them under glass early in the fall and keeping them at a lower or fluctuating temperature.

WILLIAM SCOTT.

BRIDAL BOUQUET.

The accompanying engraving is from a photograph of a bridal bouquet of orchids arranged by the Shanahan Florist Company, San Francisco. It is certainly a very handsome bouquet and the detail in the picture is so good that our readers will have no difficulty in naming the species used.

HYBRID WATER LILIES.

"About the year 1879," says M. Latour-Marliac, in the London Garden, "I commenced the work in earnest by crossing the finest types of hardy and tropical nymphaeas which I had in cultivation here. These early attempts were at first negative in their results, but soon afterwards I scored an unexpected success in obtaining a hybrid with deep red flowers, the seed-parent of which was *Nymphaea pygmaea alba*, fertilized with pollen from the flowers of *N. rubra indica*. Unfortunately, and to my great disappointment, this magnificent specimen proved hopelessly barren. In order to obtain plants of a really ornamental character, I considered that it was especially necessary that I should make it a point not to employ as seed-parents any subjects except such as were very free-flowering, and by rigorously adhering to this principle, I succeeded, little by little, by means of numerous sowings and strict selections, in raising types which were in every way improved in the form and other characteristics of their flowers. It was thus that one of these new subjects (*N. alba*), fertilized with the pollen from the American species, *N. flava*, produced *N. Marliacea chromatella*, which has achieved such a high reputation. In the following year I obtained the hybrid *N. odorata sulphurea* from a similar crossing of *N. odorata alba* with *N. flava*, and the last named species has also been the pollen-parent of *N. pygmaea Helvola*.

"About the same time two species bearing a high character made their first appearance in gardens, viz.: *N. sphaerocarpa*, a native of Sweden, and the elegant *N. odorata rubra*, found at Cape Cod, in North America. The sparse-flowering character of *N. sphaerocarpa* determined me to reject it for hybridizing purposes, and I gave all my attention to the fascinating American species, *N. odorata rubra*, which, employed as the pollen-parent, with my choicest specimen of *N. alba* as seed-parent, rewarded me with the sweet *N. Marliacea rosea* and *N. Marliacea carnea*. *N. odorata rubra* was subsequently the parent of

the beautiful *N. odorata exoniata*, the color of which is pink approaching to carmine. As the last-raised specimen of this first group of my lovely hybrid nymphæas, I must mention the remarkable *M. Marliacea albida*, the flowers of which have not yet been surpassed in size by those of any other nymphæas."

GERMAN GARDENING.

We present herewith two engravings we have reproduced from Moeller's *Deutsche Gaertner-Zeitung* which seem to be good examples of the formal and more natural use of tender plants in German gardening.

The first is certainly a beautiful picture and shows to what excellent use

Both photographs were of gardens in the city of Frankfort-on-the-Main.

BUFFALO.

As we expected, the week or more of varying weather which delayed all planting till the 3rd or 4th of this month has crowded the whole work into a few days, for as soon as a fine day came the cry was, "I must have my flowers out by Sunday," or "Why don't you till my vase?" No excuse is accepted by the great majority. There are, however, a few sweet souls who say, "When you have time; I know that you are rushed," and this soothes the savage breast. And we may as well remember that every other business has its troubles, although

the large exhibit of aquatics of Henry A. Dreer. Mr. Chadborn is here putting up their ventilating system in one of the conservatories.

There was a well attended meeting of the club last week and all the committees reported progress. Perhaps the most important is the committee on exhibition, who have as their manager Mr. Keitsch, and it is a pleasure to be able to speak continuously of the splendid work he is doing.

The Hotel Committee's chairman, Mr. Adams, reports lots of correspondence and inquiries, and is willing to locate everyone if they will state definitely what they want. The committee on sports are very busy men just now but



German Gardening.

palms and similar subjects may be put in the summer time. Visitors to Glen Island during the New York convention last August will remember that the gardener there had made similar use of palms and other decorative plants along shaded walks and in available nooks with the most pleasing effect. We believe there are great possibilities in this direction.

The second picture shows a good example of the formal style of German gardening, and this style certainly has many admirers. Illustrative of the importance attached to it we may add that the same issue of the journal mentioned contained separate engravings of each of two of the beds on the slope at the back, together with a large diagram of each showing just how they were planted.

I believe there are few that crowd so much work into a few days as we do, and heavy work at that.

Business I would call quite lively; in fact good all around, and seldom are there any flowers to spare. Some of our florists have done considerable business at the Pan-American. C. D. Zimmerman has embellished the grounds of the German Village, and some other the Infant Incubator. Don't laugh at the title—it's a fact. Wee small creatures are here brought along to life who would otherwise have no chance. J. H. Rebstock has also fixed up several of the Midway folks. Mr. Wilson of Western Springs has been here looking after the exhibits of J. C. Vaughan. J. Austin Shaw and Mrs. Shaw are in town. They both are delighted with the Pan Am. Mr. Tricker was here again looking at

they will not forget their duty and Philadelphia shall have a chance to retrieve their laurels on a good alley. We have had but few replies to that letter I sent out about the three-men-team to give smaller or more distant cities a chance; yet we hope to us soon as the hull comes.

Denver's crack bowler has gone and got married. Philip Scott had lots of sport in his make-up but it is all over for some years. The class that he belongs to are awfully good for a number of years but as time rolls on the old sporting tendencies reassert themselves. What a sensible thing if we could start this life-long journey just as we meant to keep it up to the end, and I hope in this case it may be so.

How to Enter the Pan-American.

Some of your readers may visit the



German Gardening.

Pan-American early in the season and for that reason I write a few words of advice. Either from indifference or for some object not clearly known the street cars carry 75 per cent of all the visitors to what is known as the West Amherst gate. This brings you directly to the rear of some of the large buildings, also the noise and hubbub of the Midway, and it is probable you will never see the real beauty of the whole scene. If you do you have already received the impression that the Pan-American is a crowded place and little different from any other big fair. Now this is all wrong.

I beg of you one and all to enter the grounds from Lincoln Parkway. To do this take the Main street cars that are marked "Forest Lawn" and never mind what the conductor says, get off at Lincoln Parkway. A walk of 200 yards brings you to the grand entrance and then another 200 yards through the lovely old park brings you to the Triumphal Causeway with the four majestic towers. To the right or left the view is beautiful, but the view you are facing is one you will never forget. You are now entering the Grand Esplanade; horticulture group on the left, government building on the right, music, ethnology, machinery building, liberal arts, electricity, agriculture to the right and left of the Grand Basin, and in the distance the majestic Electric Tower crowned by the Goddess of Light whose outstretched hand is 405 feet from the ground. This grand court with its setting of magnificent architecture, its fountains, its trees and statuary, is a picture never yet equalled. This is the verdict of men who have seen all that is to be seen. Gov. Roosevelt said so, and so do I, and that settles it.

There are sights enough to last you a week besides all this, but I beg you to take in the beauty of the scene first. Here are the state buildings; the rose garden, a beautiful fifteen acres; the Stadium, the largest and best built arena for athletic sport of modern times. To give you an idea of this Stadium: I saw Cornell and Carlisle Colleges playing a game of baseball and they occupied but one corner. It seats most comfortably 12,000, and as many more could stand without encroaching on the cinder paths, but its wonderful proportions must be seen to be realized. You will be sure to see the Midway and everything else if you have time, but of this it was not my intention to write.

The next best entrance is known as Elmwood Gate, but too many who enter at this beautiful entrance steer for the Midway. If they will walk through the rose garden they will then come to the Triumphal Causeway and take in the same grand scene that I have tried to describe, and you will, I am sure, exclaim as I heard many: "This is worth a long journey to see alone." I am not writing this, reader, for the Pan-American, but for you. Feast your vision and higher senses on the sublime and beautiful. Let the frivolous and common place be seen later. WM. SCOTT.

BOSTON.

Market Conditions.

To the grower and his salesman it is a situation of sublime horror emphasized by comparison with last week. It may not look so bad to the retailer, because there is really a good enough trade

running along, but not enough to handle the immense cut of second and third-class material. The demand is largely for weddings just now, and is therefore chiefly for first-class goods, of which there is a great plenty of all kinds. Cheap grades drag fearfully and thousands of pinks and roses go upon the street at lowest prices, while even this method of being marketed is denied to large lots. The bravest fakir will not handle very poor material now. Sun, wind and dust soon make the best look bad enough, if put upon the street.

It is of but little use to quote prices. Any one can buy very low if they wish, but every salesman has his customers who use him fairly well now in return for decent usage on his part at some other time, so that prices range from very low to fairly good.

Various Items.

While being instrumental in extending courtesies of Mr. Thomas Galvin and his managers a few days ago, I was admitted to a church and an elegant dwelling after both were lavishly decorated by this leading floral concern. It was the first thing of the kind I ever saw, and for amount of material used and skill in arrangement it was surely an eye-opener to me and reflected great credit upon the taste and skill of Mr. Thomas Welch, who had it in charge. It is easier now for me to see where the large expense of a wedding decoration is legitimate. I was not there as a reporter, however, and must not describe some new features they are now utilizing.

The sturdy ranks of the floral Tuohy family has been reinforced by the ar-

rival of a heavy recruit from Liverpool, where he has served upon the police force. Being badly burned out of house and home, he determined to try his fortune in the land where the honest efforts of his five brothers are so successful. He is big enough to hold down any remarks he may make, but Uncle Sam's farm has use for many more of that kind of stock, even if they do take up a little room.

The daily papers give glowing accounts of the first exhibition in the new horticultural hall. The exhibition is for art alone, no prizes being given and participants vying with each other to secure best effects.

In order to prepare the material for his heavy Boston & Main railroad order, J. W. Howard has been utilizing the John Dane place at West Medford for a month or two. His Winter Hill and his Woburn houses are also overrun with an immense amount of stock which is all sold.

Carl J. Dane has been suffering with Bright's disease for some little time and is unable to work regularly.

J. S. MANTER.

NEW YORK.

Club Meeting.

There was a fairly good average attendance at the Florists' Club meeting on Monday night, and those who were absent have cause to regret it for the entertainment committee had provided one of the best programs in many years. Mr. John K. L. M. Farquhar, of Boston, Mass., delivered a most interesting illustrated lecture on "The Peoples, Customs and Flora of the Hawaiian Islands." Mr. Farquhar handled his subject in a masterly manner, showing a remarkable acquaintance with every detail. Some 140 views were thrown on the canvas illustrating the magnificent scenery and resources of the islands. It would appear that in addition to the majority of our most beautiful commercial greenhouse plants, there are a numberless class of plants growing wild on these islands which deserve extensive cultivation.

From the views shown, and the remarks made, the lecturer succeeded in convincing his audience that, in the acquisition of the Hawaiian Islands the United States had procured a horticultural paradise of unlimited possibilities. Experiments were being made in lily culture, and the trial fields of Harrisia and longiflorums shown went far to prove Mr. Farquhar's assertion that these bulbs could be grown better there than in Bermuda or Japan. It was possible, he thought, to get two crops of bulbs a year, and they could be shipped any month desired.

There are no florists' stores on the islands, but the natives gather, arrange and offer for sale the beautiful flowers which grow luxuriantly in the mountains. Many pretty customs of wearing garlands and wreaths of flowers have for a long time been in vogue there, and from the samples of the work shown the florists and peoples of these states could copy much of value. The economic resources of the islands are great. Fields were shown which produced 60 tons of sugar cane to the acre; from this 12 tons of raw sugar could be extracted; all manner of tropical fruit was being grown there, and the lecturer made an

eloquent plea that the government of the United States should see to it that the best varieties of the tropical fruits, at present growing in the British West Indies and in other places, should at once be extensively cultivated in the Hawaiian islands.

The Chinese were the best gardeners out there and the climate rendered possible the cultivation of nearly all varieties of vegetables. Mr. Farquhar gave the New York Florist club an intellectual treat, for which he was given a rising vote of thanks.

The business end of the club meeting disposed of many important matters. The transportation committee placed before the club the terms offered by the several railroads for taking the crowd to Buffalo in August; the committee were inclined to favor the D. L. & W. and L-high Valley systems, but made no recommendations, and left the matter to the club's decision; after a very lengthy discussion, in which every member present took part, it was finally, on motion of Mr. Weathered, decided to go by the West Shore road. The round trip will cost about \$10.70 exclusive of meals.

The New York party will travel in the day time and it is expected that the number will be about 150. The committee were requested to see the West Shore authorities ante tickets available at Niagara Falls, inasmuch as that is supposed to be a part of the Pan-American show. The decision to go by the West Shore was arrived at because that road assisted the club on the occasion of the convention here last year. Mr. O'Mara reported that he had investigated the matter of accommodations for the club's party during his recent visit to Buffalo, and on his recommendation the Larkin Apartment House, leased by the Buffalo florists, was decided to be headquarters for the New York Florists' Club during the convention. There will be accommodation there for 150 people, the rooms will be \$1.00 and \$1.50 per day exclusive of meals. There is a restaurant opposite seating 1,000 people; the location is pleasant and convenient, being only six minutes' front from convention hall, and every comfort is assured.

The summer outing committee reported perfected plans for the club's picnic and sail to Locust Point, on July 8. It was decided to send each member two tickets which are to be paid for at the boat; anyone desirous of going can procure tickets at the dock. The capacity of the boat is 1,000 and the committee hope to see a full turn out of members, relatives and friends. They assure all that the ghost of Iona Island will not appear during this outing.

Progress was reported on matters pertaining to the club's fall show. Peter Crowe, of Utica, through Mr. Nugent, sent \$20.00 as a prize to be offered at the show. On motion of W. J. Stewart, Mr. W. R. Smith, of Washington, D. C. was by rising vote unanimously elected an honorary member of the New York Florists' Club. Mr. Alex. Wallace, who was acting as chairman of the meeting, spoke of Mr. Smith's services to American horticulture. The New York florists would gladly shower any honor or favor in its power on this great old veteran.

A communication was read from the Horticultural Society of New York, announcing the postponement of their rose and strawberry show at Bronx Park till

June 26. The lateness of the season renders this necessary and it is hoped that all will assist in making this a worthy show. Schedules can be got from L. Barron, 136 Liberty St.

Great regret was expressed at the sudden deaths of P. Hilton and wife. Mr. Hilton was a member of the club and superintendent of Salem Fields Cemetery, on Long Island; his wife died shortly after him, and they will both be buried today (Tuesday). The club ordered its floral token sent to both caskets, and appointed Messrs. Miller, Melis and Young a committee to draw up resolutions expressing the regrets of the club at their sad and untimely demise.

Business.

Business in all branches seems to be fairly good for the time of the year. Good roses are short in supply, carnations are plentiful, and there is an abundance of outdoor stock available, rendering it possible to easily furnish any sort of work at short notice.

J. I. D.

PITTSBURG.

Club Meeting.

The regular meeting of the Pittsburg and Allegheny Florists' and Gardeners' Club was held in the Pittsburg Cut Flower Company's rooms, 504 Liberty street, Thursday evening, June 6. We considered the coming flower show, and our intended trip to Buffalo, and sat in session over a lot of rhododendrons from Schenley Park.

Because of the unusual cold, wet weather and consequent lateness of the rose season, the club decided to postpone the date of the show from the 13th till the 19th inst. There is every prospect of a good show. Our home people are exultant, and kind friends in Boston, New York, Rochester, Philadelphia, and other places are going to send us exhibits of flowers. While we cannot aim at the refinement and grandeur of the recent great flower show in Boston, for there is no such plant or flower material here, in our own small way we expect to do big things.

A committee consisting of Mr. Reine-man, Ernest Ludwig and Fred Burki was appointed to look after transportation and other matters pertaining to our visit to the florists' convention at Buffalo in August. We expect to make up a delegation of about fifty and go in a body. And some of our boys are pretty sporty, too, judging by the way they have taken to bowling, and we all are smacking our lips in expectation of quaffing from the silver cup they hope to win in the Rainbow city.

Three new names were proposed for membership.

Then the rhododendron flowers were spread upon the table and passed around for note and discussion. Last winter was very disastrous to these shrubs and the more tender ones succumbed, especially those on clay soils. The unbroken drought of last year from July till November was largely to blame for this. The varieties shown were from the open plantations and unprotected in any way in winter, hence may be considered as among the hardiest and best suited for outdoor cultivation in this neighborhood. Among them were atrosanguineum, Charles Dickens, Kettle drum, Guido, H.

W. Sargent, and Caracacus, bright and deep scarlet; James Bateman and E. S. Rand, scarlet; Softon, maroon; Charles Bagley, cherry red; purpureum grandiflorum, purplish rose; Old Port, plum purple; Everestianum, lilac rose, a gem for outdoor culture; Hannibal and Alexander Dancer, bright rose; roseum elegans, rose, and Miss Owen and Minnie, bluish. P. A.

PHILADELPHIA.

Business.

Business has fallen off a little since one week ago. There are some days of brisk demand and some days of hardly any demand at all. Both prices and quality are declining. Beauties and sweet peas are good stock and sell well on most days; La France and Kaiserins of fair quality are also desirable; Brides and Maids are not so popular, chiefly because they are getting poor. Carnations are only in fair demand; peonies are now very plentiful and have fallen in price, \$3 to \$5 per 100 is about the rate.

While Bridesmaids of ordinary type won't do, really good blooms have been eagerly sought at \$5 and even \$6 per 100. Thomas Foulds grows them on benches better even than the solid beds have them, curiously enough. Carnot is selling well at about same rate as Maid; it is a good summer sort. La France is not altogether satisfactory for first-class work, being often light. A good summer pink of deep color would be an acquisition; under Jacques are bringing \$2 and \$3 per hundred. A goodly number are moved at these figures. Peonies are so much over done at times that one grower said he had thousands of them that it did not pay him to cut and market at prevailing prices. It seems that the early sorts and a few selected varieties are the profitable ones.

Outdoor roses are in full supply this week; thanks to the cool nights they are unusually fine. Rhododendrons are also in bloom and when obtainable make showy decorative material. Sweet peas are very late; only those started under glass have yet bloomed to any extent. The end of this week will see the best of All and the Mont Blanc at their best.

Various Notes.

The weather continues to excite. After an extraordinary storm, which fortunately did little damage, though it brought heavy hail, came some very warm days, then another atmospheric disturbance and this week two nights saw the mercury in the lower fifties. Just think, nearly 50 degrees on June 10, the very day selected by so conservative a plansman as George Huxter as a safe time for planting out crotons!

The plants for beds and boxes are cleared up pretty well; small vines are scarce. Some nice geraniums and other things can be had that would have sold on the 30th of May had they been brightened by a blossom. Crotons have sold well. Robert Craig & Son found it necessary to rope off a lot of these plants in order to keep some for growing on into specimens for fall sales.

The demand for cannas, 4, 5, and 6-inch, has kept pace with, at times, even exceeded the supply. The varieties preferred are the novelties of two to five years ago and one or two old standbys.

There is some seashore demand for

bedding plants, which should be cultivated by those having surplus stock.

The Andorra Nurseries have held many a commencement and wedding decoration with their peonies.

Joseph Heacock is hard at work cleaning and refitting his rose houses. Several are already planted with young stock.

The June Florists' Club meeting showed an encouraging increase in the attendance. It was good to see the president again in his accustomed place. Few men are more respected and esteemed in our profession than William K. Harris.

Charles H. Fox reopened his hotel, LaBelle Inn, at Atlantic City, on the 8th of June for the summer months.

A wager was made last fall between a girl and a man as to who could produce and present the other one sweet pea bloom first this season. Both got seed of Burpee's "Earliest of All." The man sowed his seed in his garden early in March. The girl, who unexpectedly moved into the city during the winter, started her seed in April in pots on the window, transferring them to a tiny back yard known as "the prairie" and watering them with nitric acid. On Friday, June 7th, the man telephoned to his fair adversary that his sweet peas were in bloom. She said she had none, but until he presented his the water was won. The next morning the girl got up early and to her surprise found one little pea blossom open "on the prairie!" She put it in a box, rushed to her opponent's office and left it with many instructions to the office boy to present it promptly to his employer. Two hours later she received the man's box of sweet peas. She had triumphed despite tall chimneys, cats and fences!

The Germantown Horticultural Society held its banner meeting of the season on Monday evening, June 10th. Edwin Lonsdale gave an interesting address on "Begonias" in general and Gloire de Lorraine in particular, illustrated by some specimens of this variety. N. Dubois Miller, who was wonderfully successful in cultivating plants at home in his few leisure hours, told of an "Amateur's Garden." Both speakers were listened to with much interest and received a vote of thanks. N. Dubois Miller's address was an inspiration to his hearers, telling them what they might do with their own hands and the pleasure of doing it. His advice to buy only seeds, not florists' plants, and especially to avoid those plants forced into full bloom to see and consequently somewhat exhausted, was a little hard on some of his audience, but food for thought, nevertheless.

There was an exhibition of outdoor roses, glorioxias and tuberous begonias. The audience was large and appreciative.

Joseph Towell of Hillside has found a very good demand for Centaurea imperialis; in fact he has not been able to cut enough of them.

The rose meeting of the Pennsylvania Horticultural Society will be held on Tuesday, June 18th. PHIL.

ST. LOUIS.

The Market.

The market is very quiet at this writing with the supply greatly exceeding the demand and very little can be said of the local trade the past week. The

wholesale houses have been greatly overstocked with cut flowers of all kinds and the demand slow. The retail trade is rather slow though some of the West End florists have been busy as there is quite a crop of June weddings. The counter trade has dropped down to the summer basis. Mildew seems to be a rule on roses but at times a lot of well-grown flowers are noted.

Prices have remained nearly stationary. American Beauties still lead in demand but first-class stock is out of the question, though our wholesalers are still handling a few good blooms. Two dollars and \$3 per dozen is the price for the best and from that down to \$2 per 100. Meteors have a good call but are off color and there are plenty of butaeads among them; the best have rather short stems; price, \$2 to \$4 per 100. Maids, Brides, Gates, Perles and Jacques are from \$1 to \$4 per 100 with plenty of them on hand for all demands.

Carnations have kept up wonderfully well but are getting small; the supply is larger than ever. All varieties and colors are selling at \$1 per 100 in 100 lots. Saturday about 20,000 were sold at \$2.50 per 1,000. This really is cheaper than they ever have been sold for before and the growers are not feeling so good just now as they did a month ago. Sweet peas are also badly over stocked at present and are cheaper than ever; 15 cents per 100 or \$1 per 1000. Light colors have the call; darker shades go to the waste pile. Peonies, it was feared a week ago, would be badly over stocked, yet, though plenty of them are in, they are selling well. The best bring \$3 per 100; poorer grades go for much less. Cape Jasmines are very plentiful at 50 cents per 100. Gladioli spikes are selling at 5 cents, but sale is slow. Greens of all kinds are in good demand.

Various Items.

Only one or two of our late street fairs remain in the city. Those who had money left town and went to Chicago and Buffalo, where they can have full sway. Some of our downtown florists are about as bad as the fairs were, judging from the price they have displayed in their windows—carnations 15 cents per dozen and roses at 25 cents and really first-class stock at that.

Martin Reukauf, representing H. Bayersdorfer & Co., of Philadelphia, was in town the past week.

Frank Ellis not to be outdone by his friend Kuehn as a poet has dedicated the following poem to the Review:

"In order to sell your stock out quick
The Review is the paper to do the trick.
It's a paper that's second to none—
A little adv. and your work is done."

The Eggeing Floral Co. furnished the decorations for the Anheuser wedding the past week, which was one of the largest of the season.

Mr. Anderson has retired from the firm of Thompson, Anderson & Kennedy, horticultural builders.

Weber, Walbart and Ayers, out in the West End, report business good for this time of the year with wedding, school and funeral work.

Wm. Kalisch & Sons, on Delmar, report that they have been very busy during the planting out season. They had the contract for the flower beds at Mayor Welch's residence. Mr. E. Kalisch will make a trip East next month, returning by the way of Chicago.

Schray, Beyer, Fillmore and Windler, our South End florists are taking things easy just now, as the planting out season is over. All report a good season, being pretty well cleaned up.

Theo. Klockenkemper, J. W. Dunford, Billy Winter and The Chicago Carnation Co. are sending in great quantities of fine carnations to this market.

Carew Sanders has improved much the past week, being now able to sit up. The doctors report that all danger is past.

J. F. Windt, the Bayard avenue florist, suffered the loss of 350 lights of glass from the recent hail storm. Mr. Windt has his place looking in good shape and reports a fine spring trade in plants; the cut flower trade has also been excellent.

E. W. Guy, of Belleville, was in town the past week buying supplies. Mr. Guy reports that his father, F. W. Guy, has left Kimmswick, Mo., and has bought a place near Pacific, Mo.

Bowling.

The weather was very hot on Monday, and this, no doubt, kept many of the bowlers away from the alleys. Only six members rolled, and they made the following scores:

	1	2	3	4	Tl. Av.
A. Y. Ellison	202	154	153	—	509 183
J. Bencke	175	133	153	—	459 154
C. A. Kuehn	154	139	165	—	458 152
F. M. Ellis	123	126	196	151	576 144
E. W. Young	123	151	173	126	513 130
F. C. Weber	146	124	124	310	504 128

J. J. B.

CHICAGO.

The Market.

"There are a few good flowers and a million poor ones. The good ones are wanted and the poor ones are not wanted at any price." That's the way one dealer describes existing conditions and the majority seem to agree with him. There is certainly a great abundance of flowers but still it is a little difficult to pick up any quantity of choice shipping grade. Quotations on the best grade of teas are \$4 to \$5 and on the lower grades the fall is steep and sudden. On carnations \$2 is about the top with excellent stock selling at \$1 to \$1.50 and clean ups at as low as 30 to 50 cents. On Beauties \$3.00 is still the top but the low grades reach down farther and get there quicker. The best Golden Gates bring as high as \$8 and fair Liberties are priced at \$8 to \$10 with extra selects up to Beauty figures.

There is a big supply of peonies now and good ones are quoted at \$3.00 to \$5.00 a hundred with some extras at somewhat higher figures. But there is a great mass of poor stock that the dealers are glad to move at as low as \$1.00 a hundred. Aside from peonies there seems to be practically no demand for outdoor flowers.

Lilies are meeting with very little if any demand though there is a liberal supply of good flowers. Some fine Cape Jasmynes are coming in now and they are offered at as low as 50 cents a hundred with few buyers. This is especially exasperating as had they been in for Decoration Day they could have been readily sold at \$3.00 a hundred. Gladys Colville alba is being received and sells fairly well at \$3.00 per 100.

The stretch of cool weather was broken last Monday and there was a quick shift to the other extreme. Tuesday and Wednesday the mercury was soaring into the nineties. On the whole trade is fully equal to that of last year though the big supply of poor grade goods

makes an unpleasant glut that is difficult to handle. Fortunately shipping trade holds up well but local demand is very thin.

Club Meeting.

At the last meeting of the Florists' Club the entertainment committee reported the grounds on the Reissig estate at Riverside as the most desirable place for the proposed picnic and it was instructed to go ahead and complete arrangements. The electric cars go direct to the grounds. The committee will report the day and other details later.

There was some discussion of the ruling of the Board of Education forbidding the use of flowers at the closing exercises of the public schools but it did not appear that the club was in a position to take any effective action as a body. However some good will no doubt result indirectly from the discussion.

The committee on transportation to the Buffalo convention reported progress. The next meeting will be held June 21 and this will probably be the last for the season as the time for the annual summer vacation is at hand.

Various Items.

Solomon Garland, Sr., died at his home in Des Plaines last Thursday of pneumonia, aged 71 years. He was the father of W. S., Frank, Geo. M. and Solomon Garland, Jr., all in the trade, and the father-in-law of Fred Witthold. He was born at West Farms, N. Y., in 1830 and he removed with his parents to Chicago in 1843. The family settled in Winnetka in 1846 and here Mr. Garland was married, removing in 1861 to Des Plaines, where he has ever since resided. He engaged in farming and market gardening, later building greenhouses, and the sons are now all engaged in the growing of cut flowers except Geo. M., who is now manufacturing and selling the iron gutter invented by him. Mr. Garland retired from business five or six years ago and since then has spent the winters in Florida. He owned considerable property but as the title to same had been several years ago vested in his wife, who survives him, there is no change in title.

The wife of John Thorpe died last Saturday and the funeral was held Tuesday. The many friends of "Uncle John" will deeply sympathize with him in his affliction. Flowers were sent by many in the trade.

John Winterson, a brother of E. F. Winterson, of this city, who was in the service of a Pacific coast railway, was probably fatally injured in an accident at Walla Walla, Wash., last week. He lost both legs and an arm and a report of his death is hourly expected. Ed is getting it thick and fast lately. Soon after he learned of his brother's sad accident he received a telegram announcing that a sister was dying at her home in the west.

The greenhouses of Benthley & Co., at New Castle, Ind., are now all glazed and half of them are planted. They will be all in roses.

Among recent visitors were A. L. Glaser, Dubuque, Ia., and Henry Diers, Sibley, Ill.

Bassett & Washburn are beginning to cut bloom from their big house, 50x600, which they rebuilt and planted with roses for summer flowering. They included in this house a lot of the new Marquise Litta, which they find to be

a splendid summer rose. In form and color it suggests the Beauty but it is a much better finished flower. The other roses in this house are La France, Kaiserin and Pres. Carnot.

Mr. G. Swenson, of Elmhurst, is sending in some remarkably fine candytuft of a new strain.

A team of florists stand a chance of getting their hair curled without charge in a game of baseball to be played with a team of barbers at West Harrison and 40th streets next Sunday afternoon. The florists will start from the corner of Wabash and Randolph at 2 p. m.

Bowling.

In the sixth series of league games, played last Tuesday evening, the Wholesalers gave the Retailers red violets in two games and the Retailers returned pickled stock to the Wholesalers in one game. The winners planted the Seedsmen three games deep. Jos. Foerster captured a dollar prize with a score of 212. The score follows:

WHOLESALEERS.

Jos. Foerster	194	159	212
Wm. Sterrett	134	143	130
G. L. Grant	142	121	151
C. Hughes	146	120	178
W. S. Heffron	141	124	125
	742	661	798

RETAILERS.

Geo. Asmus	191	173	148
J. Kreitling	167	139	82
P. J. Hauswirth	146	174	187
W. Kreitling	109	129	135
C. Balluff	166	131	152
	719	704	654

GROWERS.

N. A. Schmits	177	181	120
F. Matti	139	151	129
Jos. Paulus	148	138	117
G. Stollery	118	140	178
F. Stollery	138	154	168
	792	794	711

SEEDSMEN.

Jno. Degnan	136	169	168
W. W. Scott	164	97	113
C. J. Hillow	127	98	113
E. Hauswirth	166	113	109
E. Enders	124	140	147
	667	680	647

The teams now stand as follows:

	Won.	Lost.
Growers	2542	5
Wholesalers	12	6
Retailers	8	10
Seedsmen	1	2

Below we give the averages to date of those who have played in more than two series of games, omitting fractions where less than one-half and counting more than one-half as one:

	Games.	Total High.	Av.
Geo. Asmus	15	2542	201 170
Jos. Foerster	18	3035	212 169
F. Stollery	18	2562	202 166
G. Stollery	18	2834	159 161
C. Balluff	18	2871	214 160
E. F. Winterson	18	2395	202 158
Jno. Degnan	18	2839	197 157
F. Matti	18	2780	185 155
P. J. Hauswirth	18	2468	174 145
G. L. Grant	15	2172	166 145
N. A. Schmits	15	2137	181 142
Jno. Foerster	9	1264	144 137
E. Enders	9	1189	156 132
C. Hughes	10	1392	150 130
W. S. Heffron	10	1418	144 130
W. Kreitling	12	1458	144 122
O. Kreitling	15	1738	154 117
W. Scott	12	1655	168 115
W. Nagle	13	1363	168 105

A BUNCH OF BOWLERS.

The accompanying engraving is from a flash-light photograph of the Chicago florists who are bowling in the series of league games now in progress.

The young man in the lower left-hand corner with his hair parted nearly amidship is John Degnan, the captain of the team of seedsmen. The score of his team are not parted so nearly in the middle as Johnny's hair. In fact Johnny has to carry the bulk of the load for his team. Next to the right in the front row is George Stollery, who is gaining a name for himself as a good bowler. Directly back of him is Jos. Foerster, whose average of 165 in fifteen games means good bowling. Directly back of him is George Stollery, who is gaining a name for himself as a 200 score on the board opposite and admiring its appearance. To the right of Mr. Foerster is Charley Hughes, who has a pretty ankle and don't care who knows it.

Back of the ball held by Mr. Hughes, with his face to the camera, is the captain of Napoleon White, is President P. J. Hauswirth, while in the front row to the right is Captain E. F. Winterson. Ed doesn't wear any bangs.



A Bunch of Chicago Bowlers.

and the beatific expression on his open countenance is due to a beautiful vision in which the figures 300 are prominent. But it's only a vision. The gentleman at the extreme right, who wears hair at both ends of his face, and whose cigar is making such a violent effort to escape, is John Sterrett.

At the left in the second row is Fred Stolery, holding his knees firmly down with both hands. He had to hold himself that way to keep from getting up and making a strike between flashes. Next to the right is P. Matti, and next to him is N. A. Schmitz, the guardian of the pink orphan. The Sadowitz in the center with lock-stitched arms and fan-cy shirt front is Charley Balluff, and next beyond him is Ed Enders, also of the retailers, with that hundred dollar order angle to his eyes. Next is Oscar Kreitling, whose style is "O. K.," and at the end is the son of President Hanswirth.

At the left in the third row the glasses rest on the nose of Clifford Pruner, who probably never pruned anything in his life unless it was a baseball score or a wheat sheaf. Next is Mr. Duncan, of the seedsmen, and beyond him is C. J. Beardson, whose wife will undoubtedly read the riot act to him when she sees how handsome he is in this picture, and beyond him is W. Nagle.

George Amus is next, hitting the pipe with the same curve that he puts onto his strike balls. Next is Walter Kreitling, whose attention has been attracted by a hoarse call for "Zwei beer," and at the end is Walter Heffron and his football hair. He is the only player who has succeeded in getting over the foul line on two alleys at once. Of the two pated up against the wall the small edition is C. W. Scott and the larger one is John Paulus.

INDIANAPOLIS, IND.

Trade Notes.

This has been the most unsatisfactory Memorial Day in recent years, as far as the florists are concerned. Usually there is an abundance of out-of-door stuff and there is enough to supply the demand at fair prices. This year there was practically nothing from outside, and consequently inside stuff was in great demand and prices jumped up nearly to Easter figures. Good carnations brought from 75 cents to \$1.50 per dozen, and people were glad to get them. What few

home grown paeonies were to be had brought 25 cents each, and so it went all the way through. One grower who is near one of the cemeteries says that he made up all his flowers into bouquets on the 29th, and on the morning of the 30th he began selling them at 50 cents each, but when he saw they were going pretty fast he began to raise, and kept on raising until he sold the last few at \$1.50 each, and the people who paid the latter price were as well pleased as the first ones were.

Bedding out has been almost as brisk during the first week of this month as it was in May, owing to the strange weather in this section. Most of it is done now, but still there is here a bed and there a vase or box to fill, keeping the plantmen going a little while longer. Everybody has had a good spring trade and nearly all good stock has been disposed of at very fair prices.

The cut flower trade has held up remarkably well this spring and the usual number of June weddings, etc., will likely use up all the good stock right along. Roses are coming in mildewed, and poor in general, this having been a very trying spring on the rose growers. Carnations have not suffered so much as the roses, but they are a trifle smaller, all except Baur & Smith's E. Crocker, which are as large and as fine as ever.

Various Items.

Last Sunday a party of florists took advantage of a low rate excursion to Louisville, Ky. They visited several florist establishments and found things O. K., but the one thing they all talk about is their ramble through Cave Hill Cemetery. Superintendent Campbell took

them through and all say that it is the finest of its kind they have ever seen.

Another party took advantage of a similar excursion to Lafayette, Ind., but I have not had a talk with any of them. Of course, they went to Dorners', and that means they had a good time.

On June 4 the State Florists' Association held its regular monthly meeting, with Vice-President Alley in the chair. The secretary read a communication from W. J. Stewart, secretary of the S. A. F. O. H., stating that that society wishes to offer through our society one silver and one bronze medal for any plant or variety of American origin not yet disseminated, and J. Hartje and A. F. J. Baur were appointed to award them at the fall show if anything worthy is shown. W. Billingley, J. Hartje and A. F. J. Baur were appointed a committee to arrange for the annual outing, which is to be held some time in July. There is to be a decided departure from the old arrangements and we hope it may work much good.

There was on exhibition three vases of fine Ethel Crocker carnations, by W. W. Coles, Kokomo, Bertermann Bros., and Baur & Smith. The latter also showed several seedlings which looked nice.

W. Beeman of Knightstown, was elected to membership. In my report of the last meeting I forgot to mention that Charles Riennan, of Connorsville, was elected to membership.

Harry Baisley was in town selling those red flower pots, and he visited the meeting. A. B.

THE SEEDSMEN held their annual convention at Rochester, N. Y., this week.

CINCINNATI

The Market.

The sun, which failed to make its appearance in time to open up flowers for Decoration Day, showed itself with interest as soon as that day was past. The result was another over-supply. The price of carnations started on the toboggan and finally sold as low as \$5 per 1,000. The supply is still much larger than the demand, especially in the darker colors.

Many of the growers are sending in roses that are badly mildewed. Good roses still hold up to a fair price; those without mildew go at from \$3 to .85. Paeonias came in with a rush and met with slow sale, at \$1.50 to \$2 per 100. They are almost gone now and sell better at from \$2 to \$3.

Sweet peas have been unusually scarce this spring. Up to the present time it has been almost impossible to fill orders. Now they are coming in in larger quantities and are of very good quality, 35 to 50 cents per 100 is the price. There is a good demand for long-stemmed American Beauties with but few to supply it; 15 to 25 cents is obtained for the few to be had and they are nothing extra.

The combined commencement of all the high schools, which occurred last Friday evening, used up a large number of flowers. This helped to relieve the glutted condition of the market a great deal and by Saturday the wholesale houses were fairly well cleaned up.

Various Items.

The Cincinnati Florists' Society held its annual meeting Saturday evening. The election of officers for the coming year was in order with the following result: A. Sunderbruch, president; Gus Adrian, vice president; F. Ball, secretary; Ben George, treasurer; H. Schwartz, director.

Chas. Jones reported that the fall festival committee has decided to appropriate \$400 to be divided into prizes for best general display of flowers during the fall festival, which occurs in September. Though this is a pretty bad time for a display of flowers, yet it will pay the boys to look out for it a little.

A letter from Anderson & White, Lexington, Ky., says that they had a narrow escape at the time of the big fire in that city the past week. As luck would have it, though, they pulled through with but slight loss.

The Cincinnati Cut Flower Co. have added another room to their present quarters.

A man was caught in the city parks breaking down rose bushes and making off with the blooms. He is now serving a sentence of four months (\$50 and costs) in the work house. Such work on the part of the police authorities is bound to bring protection to the plants in the parks.

C. J. OHMER.

ROCKFORD, ILL.—J. J. Soper, the florist, was quite badly injured by a fall from his bicycle on May 31st. The fork of the bicycle broke and Mr. Soper struck the brick pavement full on his face.

SEDALIA, Mo.—Archia's Seed Store received an extended notice in the Sedalia Democrat of May 26. The business was established in 1884 and the proprietors are L. H. and E. Archia. They have done a splendid business this season.

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COLEUS. A choice collection of 15 distinct varieties, all bright colors and including only those of decided merit. **Golden Badder** and **Verschaffeltii** in quantity, strong plants from 2 1/2-in. pots, \$1.00 per 100; \$9.00 per 1000.

PETUNIAS. Double Fringed. Eight novelties in white, pink and blotched, all labeled, strong 2 1/2-in., \$1.00 per 100; \$9.00 per 1000.

PANSIES. We still have about 5000 left from last crop, fine plants, nice size, in bud and bloom, \$1.00 per 100; \$8.00 per 1000.

NOTICE. The above stock has been potted about 30 days and is now in fine shape to knock out.

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SURPLUS STOCK OF THE BEST QUALITY AT PRICES that are worth noticing.

10,000 GERANIUMS, 2-in., \$2.00; 2 1/2-in., \$3.00; 3-in., \$4.00; 3 1/2-in., \$5.00; 4-in., \$6.00 per 100.
1,000 SALVIA, 2-in., \$2.00; 2 1/2-in., \$3.00; 3-in., \$4.00 per 100.
5,000 VINCA VAR., 2-in., \$2.00; 2 1/2-in., \$3.00; 3-in., \$4.00; 3 1/2-in., \$5.00; 4-in., \$6.00; extra long vines, 2 to 3 ft., \$10.00 and \$15.00 per 100.

Per 100	1000 Nasturtium, 2 1/2 in.	\$2.00
Per 100	1000 Colea S., 2 1/2 in.	3.00
Per 100	3 in.	5.00
Per 100	1000 Alyssum Double Giant, 2 in.	\$2.00
Per 100	3 in.	4.00
Per 100	GERANIUMS, Fancy, 2 1/2 in.	\$3.00
Per 100	Bronze and Mars 8.00	
Per 100	Silver Leaf and Mrs. Pollock 4.00	
Per 100	Double New Life and Freak of Nature 4.00	
Per 100	Mme. Salicrol 2.00	
Per 100	America 6.00	
Per 100	Mrs. Parkes 3.00	
Per 100	3 in., \$6.00; 3 1/2 in. 8.00	

Per 100	Stevia Var., 2 in.	\$3.00
Per 100	2 1/2 in., \$4.00; 3 in. 6.00	
Per 100	Petunia, single, 2 1/2 in. 2.00	
Per 100	Mignonette, 2 1/2 in. 2.00	
Per 100	Lobelia, 2 in. 2.00	
Per 100	Impatiens Sultan, 2 1/2 in. 2.00	
Per 100	Ageratum, 2 1/2 in. 2.00	
Per 100	3 in. 3.00	
Per 100	Heliotrope, 2 1/2 in. 3.00	
Per 100	Fuchsia, 2 1/2 in. 3.00	
Per 100	Verbena, 2 1/2 in. 2.00	
Per 100	Alternanthera, R. & Y., 2 in. 2.00	
Per 100	German Ivy, 2 1/2 in. 2.00	
Per 100	3 in. 3.00	
Per 100	Marguerite, Double Yellow, 2 in. 3.00	
Per 100	2 1/2 in., \$3.00; 3 in. 4.00	
Per 100	Begonia Rex, 2 1/2 in. 4.00	

DEACAENA IND., Plants, \$5.00 per 100; 2 1/2 in. high, 25c; 3 in. high, 30c; 3 1/2 in., 50c each.
1,000 DAHLIAS, 3 1/2 in., \$4.00 per 100.
1,000 CANNAS, 3 1/2 in., \$6.00; 4 in., \$8.00; 5 in. mixed, \$3.00 per 100.

Per 100	Lemon Verbena, 2 in.	\$2.50
Per 100	3 1/2 in.	4.00
Per 100	3 in.	6.00

ROOTED CUTTINGS.

Per 100	Begonia Rex 82.00
Per 100	Vinca Var. 1.25
Per 100	\$10.00 per 1000. 1.25
Per 100	Double Giant Alyssum 1.00
Per 100	\$8.00 per 1000. 1.25
Per 100	Salvia 2.00
Per 100	\$10.00 per 1000. 1.25

GERANIUMS 1.75
\$15.00 per 1000.

Terms Cash or C. O. D.

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Extra Select, 3c. Fancy 1 1/2 to 2c.

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W. E. HALL, CLYDE, OHIO.

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NEW CROP DAGGER FERNS

\$1.50 per 1000.

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Bronze and Green GALAX,

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Discount on large orders.

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..VIOLETS..

Pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell, \$3.00 per 100; \$25.00 per 1000. A-1 stock.

CANNAS-Duke of Marlborough, Bouvier, Florence Vanplan, etc., named; also mix Bouvier, Class, Henderson, Crozy, Austria, Florence Vanplan, Engandile and others, \$8.00 per 100. S. A. Nutt and Brantii, 4-inch, \$9.00 per 100 without 1000s.

CRABB & HUNTER, Grand Rapids, Mich.

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Coleus, Verbenas, Pelargoniums, Lantanas, Plumosus, Sprengeri, Smilax.

Write **GEO. A. KUHL, Pekin, Ill.**

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Florists' Review
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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

AGERATUM.

Ageratum Stella Gurney, from 2 1/2-in. pots, \$2.00 per 100. Rooted cuttings, paid paid, \$1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum, 2 1/2-in., \$2.00; 3-in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Ernesse Fauline, 2-in., \$2.00 per 100. Walker Bros., Hollis, Broo of Queens, N. Y.

ALTERNANTHERA.

Now read Alternanthera Hermsdorf, imported from Europe; best in the market; very dwarf grower, never blooms; keeps color during hottest season. Strong plants out of 2 1/2-in. pots, \$1.50 per dozen; \$5.00 per 100. Cash with order. John Baumann, P. O. Box 48, Middle Village, L. I., N. Y.

1000 extra strong alternanthera, red and yellow, from 2 1/2-in. pots (fall struck cuttings), \$1.50 per 100; \$10.00 per 1000. Wm. Thompson, 676 Ave. E., Bayonne, N. J.

Alternanthera Paronychioides major and aurea nana, rooted cuttings, 50c per 100; \$2.50 per 1000 prepaid. Cash. G. W. Weatherly, Chillicothe, Mo.

Alternanthera, red and yellow, 3-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Alternanthera, red, \$1.50; yellow, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternanthera, small pink, 2 1/2-in., \$1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

ALYSSUM.

Alyssum, Dbl. Giant, 2-in., \$2.00; 2 1/2-in., \$2.00; 3-in., \$4.00. Rooted cuttings, \$1.00 per 100; \$8.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Alyssum Double Giant, 2-in., \$2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AQUATICS.

Water lilies may be planted during any summer month, but June is best. Desiring nurseries are headquarters for aquatic plants of all kinds. We gladly furnish any information desired, both as to plants and construction of ponds, large or small.

H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ASPARAGUS.

Asparagus Sprenger, 2-in., \$2.00; 2 1/2-in., \$3.00; 3-in., \$4.00 per 100 prepaid. Safe and satisfactory delivery guaranteed. Cash. Fred Raftery, Hermosa Gardens, Santa Ana, Cal.

Fresh seeds of A. plumosus nana, 85c per 100; \$8.50 per 1,000; \$30.00 per 5,000. A. Sprenger, \$2.00 per 100; \$20.00 per 1,000; \$30.00 per 5,000. H. H. Berger & Co., 47 Barclay St., New York.

A fine lot of young Plumous Nana in 2 1/2-in. pots, ready for benching. Pays better than ready to cut from. Price, \$2.00 per 100; \$25.00 per 1,000. Cash with order. Address Joseph Towell, Paterson, N. J.

Asparagus plumosus, \$3.00 to \$5.00 per 100; \$25.00 to \$40.00 per 1,000. Best ready July 1. Send for sample plant. A. M. Herr, Lancaster, Pa.

Renew your benches of plumosus nana now with big bulky 2 1/2-in. plants at \$3.00 per 100. Cash, please. Roney Bros., West Grove, Pa.

Fresh Asparagus plumosus nana seed from our own plants at \$2.00 per 100; \$20.00 per 1,000 prepaid. Wonsetter Greenhouses, Bryan, Ohio.

A. plumosus nana, 2-in., \$3.00 per 100; \$25.00 per 1,000; 3-in., \$5.00 per 100; \$40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Asparagus, 2-in. pots, per 100; Sprenger, \$2.00; plumosus, \$2.00; decumbens, \$10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nana, 3-in., \$5.00 per 100; from flats, \$2.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus tenuissimus, 2 1/2-in., \$2.50 per 100. John A. Doyle Co., Springfield, Ohio.

Asparagus Sprenger and plumosus. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes.

A. S. MacEand Lakewood, N. J.

Asparagus Sprenger, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASTERS.

Asters, Simple's Victoria and Comet, from pots, in separate colors, white, pink, lavender, violet and crimson. J. B. Shurtleff, Jr., Cushman Ave., Revere, Mass.

Simple's asters; separate colors; purple, shell pink, rose, lavender and white, \$2.50 per 1000. A. G. Kosbach, Pemberton, N. J.

Simple's, Queen of the Market and Giant Comet Branching, 55c per 100; \$2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

Asters, Simple's Branching; white, pink, lavender, 55c per 100. Harry White, New Holland, Ind.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs, Two-year-old, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 2 1/2-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BANANAS.

Strong, tested buds, \$1.00 a doz. South Florida Nursey Co., Dade City, Fla.

BEGONIAS.

New begonia semperflorens, Duchess of Edinburgh, large flowers, white, with broad edge of pink; the finest variety of this type. Price: 2 1/2-in., \$6.00 per 100. Sample bloom sent on application. Wm. Bierstadt & Son, Springfield, Ill.

Gloire de Lorraine Begonias, I have the largest stock in America. \$15.00 per 100, out of 2 1/2-in. pots. Write for prices on large lots. Thomas Roland, Nahant, Mass.

Begonia Vernon, 2 1/2-in. pots, \$2.50 per 100; 4-in. pots, \$5.00 per 100. Fine bedding plants. Larchmont Nurseries, Larchmont, N. Y.

Begonias. Dark red, pink and white, dwarf growers; fine plants, 2 1/2-in., \$2.00 per 100; \$18.00 per 1000. C. Winterich, Defiance, Ohio.

Begonia Rex, 2 1/2-in., \$4.00; rooted cuttings, \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Tuberous rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Ruthersford, N. J.

Begonias—Festil and Marguerite, from 2 1/2-in., \$2.50 per 100. Fairview Floral Co., Beaty, Ohio.

BEDDING PLANTS.

A No. 1 STOCK AND CASH PRICES.

200 BLUE HYDRANGEAS, from 8-in., 3-in. and 10-in. pots, 10 to 15 flower heads, 15c per head, 20 plants in wooden tubs, 20 to 25 flower heads, 15c per head.

600 ENGLISH IVIES, bushy, 5 ft. long, \$12.00 per 100.

150 LEMON VERBENA, stock plants, 4-in. pots, \$1.00 per doz.

100 CANNA AUSTRIA, strong, 4-in. pots, \$2.00 per 100.

200 CANNA CH. HENDERSON, 4-in., \$3.00 per 100.

100 ALBISTUM, Double Giant, 2 1/2-in. pots, \$3.00 per 100.

AGERATUM, Best Dwarf Blue, 2 1/2-in. pots, \$3.00 per 100.

PUNICA VARIEGATA, 60c per doz. clumps.

ASSORTED COELUS, 1 1/2-in. pots, \$2.00 per 100.

Geraniums, not in bloom, 3-in. pots, 5c; 4-in. pots, 8c.

JOHN RECK, Bridgeport, Conn.

Geraniums in bud and bloom, S. A. Nutt, Lehigh Valley Nurseries, Lehigh, Pa.

Thibaut and other good varieties, 2 1/2-in. pots, \$5.00 per 100; Ivy Geraniums, in variety, 3 1/2-in. pots, \$5.00 per 100; Heliotrope, in three varieties, 3 1/2-in. pots, \$5.00 per 100; Verbena, 3-in. pots, \$2.50 per 100; Double Petunias, 3-in. pots, \$2.00 per 100; Salvia, 2 1/2-in. pots, \$2.50 per 100; Ageratum, dwarf blue and Princess Pauline, 2 1/2-in. pots, \$2.50 per 100; Single Petunias, large blooms, 2 1/2-in. pots, \$2.50 per 100; Geraniums, in variety, 2 1/2-in. pots, \$2.50 per 100; Periwinkle, 3-in. pots, very fine, \$3.00 per 100; Parlor Ivy, Nasturtium, Tradescantia, var. and Begonia, Tuberosa, Lobelia and Maurandya, 2 1/2-in. pots, \$2.50 per 100. Cash with order. Wm. J. Chinnick, Trenton, N. J.

A few thousand Geraniums, 4-inch stock, in fine condition, bud and bloom, \$6.00 per 1000. Heliotrope, four varieties, 4-inch pots in bud and full bloom, \$6.00 per 100. Selection of sorts to come. Write with order. J. E. Feltshous, Schenectady, N. Y.

Will sell for cash with order or exchange for Boston Ferns, young stock or Crimson Rambler Rose:

2,000 Geraniums, from 4-in. pots,.....	\$5.00
1,000 Begonia, 5 vars., our selection 3-in.,....	4.00
1,000 Geraniums, from 4-in. pots,.....	4.00
4,000 Alternanthera, red and yellow,.....	2.00
1,000 Achyranthes, red, from 2 1/2-in. pots,....	2.00
1,000 Hollyhocks, Allegheny and Chartiers,....	2.00

GROVEDALE NURSERIES, A. MALLON, Jr., Manager, PHILA., PA.

5,000 geraniums from 4 1/2-in. down to 3-in.; 30,000 pansies, finest colors, mixed; 5,000 daisies, white and red and 20 other varieties for bedding, all strong and healthy plants. I want to sell them at wholesale. Ludwig Mosback, 559 Anthony Ave., near So. Chicago Ave., So. Chicago.

Needing the houses for roses I offer the following, cheap for cash: Single and Double Gen. Grant Geraniums, Heliotrope, Feverfew. All from 2 1/2-in. pots, good plants, at \$4.00 per 100. C. L. Howe, Dover, N. H.

Fine Geraniums, Centaur and Gen. Grant, 4-inch, \$6.00; 3-in., \$4.00; 2-in., \$2.00 per 100. Salvia Splendens, 2-in. pots, \$2.00 per 100. 150,000 Paronychia plants, \$2.00 per 100. Cash with order. W. Kehr, Pikesville, Md.

BULBS.

CALIFORNIA BULBS, Field-grown, 100, 1000.

Calla, mammoth	\$7.50
Calla, extra large, to 2 1/2-in. diam.	5.00 50.00
Calla, large select, 1 1/2 to 2-in. diam.	5.00 40.00
Calla, medium, 1 1/2 to 1 1/2-in. diam.	3.00 30.00
Calla, small, to 1 1/2-in. diam.	2.00 15.00
Amaryllis formosissima, strong.....	5.00
Narcissus polyanthus, white.....	2.00 10.00
Ornithogalum aratum.....	1.00 20.00

Ready to ship June 15. A. R. Reserve & Son, 635 So. Broadway, Los Angeles, Cal.

Zephyranthes rosea. Flowers profusely in bud in sun. Lays several days when not. Just the thing for florists. Flowering bulbs, 50c per doz.; \$2.50 per 100. A few vinca minor left, 50c per 100. A few sets of Casan and dahlias, mixed, strong roots, \$1.50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

2,000,000 Roman hyacinths, also Dutch and French bulbs of every description. Foreign plants and valley pips. Prices on application. W. J. Walz & Co., Rochester, N. Y.

R. Darrell & Co., Hamilton, Bermuda. Lilium Harrisii and Longitubum bulbs to growers direct. Stock guaranteed. Delivery in small or large quantities.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilium, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Prices on all summer, fall and winter bulbs cheerfully given by F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Wholesale Bulb Growers, R. Van der Schoot & Son, Hillegrim, near Haarlem, Holland.

CACTI.

Many varieties of choice phyllocacti, cereus, mammillaria and opuntia at 75c to \$1.00 per doz. Very fine plants of all sizes, from 25-cent century, at \$1.50 per doz. Echeverias and succulents at half price for the next month. Cash with order. Mrs. M. E. Patterson, Glendale, Cal.

CALADIUMS.

Fancy-leaved caladiums at one-half value. Plants from 2 1/2-in. pots in great variety, from \$4 per 100 and up. F. J. Ubricht, Box 113, Anneton, Ala.

CANNAS.

We can furnish well established plants, from 3-in. pots, of the following varieties: Austria, large yellow; Alsace, creamy white; Aphrodite, salmon-edged yellow; Bronze Scendling, bronze foliage, curran-red flowers; Furst Bismark, very large crimson; F. Neuvessal, soft carmine, bronze foliage; Florence, yellow, standard yellow; Germania, bronze foliage, carmine flowers; Mlle. Berat, the best pink; Robt. Christie, bright orange red; Souy de France, Carmo, vermilion scarlet, bronze foliage. All the above at \$5.00 per 100; \$40.00 per 1,000. Cash with order. H. A. Dreer, Philadelphia, Pa.

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Well-established plants from 3-in., \$6.00 per 100. Souv. de Mme. Crozy, Director Rozel, Florence Vaughan, Queen Charlotte, Egan-dale, A. Bouvier, Chas. Henderson, Egandale, Marie Poltevine and Crimson Bedder. Alle-mania, \$5.00 per 100. Black Prince \$10.00 per 100. Nathan Smith & Son, Adrian, Mich.

Cannas well established in 3 and 4-in., \$5.00 per 100.00 per 1000; Pres. McKinley, Florence Vaughan, Tarrytown, J. C. Vaughan, Henderson, Egan-dale, Fierston, Egandale, Marie Poltevine and Souv. de Antoine Crozy, Chicago, Queen Charlotte, Comte de Bouchard, Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Cannas from 3 and 4-in. pots, well established, ready to plant out, \$5.00 per 100; \$45.00 per 1,000. Pres. McKinley, Florence Vaughan, Egan-dale, Marie Poltevine, F. Vaughan, J. C. Vaughan, Austria, Chicago, P. Papp, Pres. McKinley, Pres. Cleveland, Flamingo, Souv. de Crozy, Cash, please. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Cannas Queen Charlotte, Austria, Chas. Henderson, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Flamingo, Faps, Burbank and Philadelphia, fine, started plants, from 2-in. pots, \$5.00 per 100; 4-in., \$6.00 per 100. National Plant Co., Chicago, Ill.

Cannas Burbank, Crozy, F. Vaughan, Egan-dale, Pres. Cleveland, Robt. Christie, Asa Gray, Queen Charlotte, Bouvier and Chas. Henderson, in pots, 12 As. 21 inches high, \$5.00 per 100; \$45.00 per 1000. Cash. S. M. Harrison, Danville, Ky.

Cannas Duke of Marlboro, Bouvier, F. Vaughan, etc., named, also Bouvier, G. Henderson, Crozy, Austria, F. Vaughan, Egan-dale and others, \$3.00 per 100. Crab & Hunter, Grand Rapids, Mich.

Souv. de A. Crozy and Beante Poltevine, 2 1/2 and 4-in., \$4.00 per 100; Burbank, from banker \$2.00; Burbank, dry bulbs, \$1.00 per 100. Walter Bros., Hollis, Queens, N. Y.

Cannas 600 extra good 4-in. cannas such as Egan-dale, Burbank, Austria, Chas. Henderson and Queen Charlotte at \$1.00 per 100. Cash. O. L. Baird, Dixon, Ill.

Cannas A. Bouvier, Austria, Burbank, Chas. Henderson, F. Vaughan, Mme. Crozy, Pres. McKinley and other good ones. Write Geo. A. Kuhl, Pekia, Ill.

Cannas Austria, strong roots, 2 to 3 eyes, 50c per 100; \$5.00 per 1000. Austria, strong plants from 3-in. pots, \$2.00 per 100. Fairview Floral Co., Beatty, Ohio.

Cannas. Strong 4-in. Crozy, Chas. Henderson, Florence Vaughan, Mme. Bern, Burbank and Paul Marquant, \$5.00 per 100. H. Hills, Elkhart, Ind.

Cannas Indots, at \$10.00 per 1000. Chas. Henderson, Golden Bedder and Mixed, in perfect condition. J. T. Lovett, Little Silver, N. J.

Cannas. About 600 fine plants, 4-in. pots, of Honson, Burbank, Court and Crozy, \$6.00 per 100. L. C. Holton, Bennington, Vt.

Cannas Italia, Burbank, F. Vaughan, Chas. Henderson, Queen Charlotte, 4-in. pots, \$3.00 per 100. H. Kaden, Gainesville, Tex.

Cannas, big 4-in. Crozy, F. Vaughan, Bur-bank, Henderson, Austria, \$5.00 per 100. W. H. Gullett & Sons, Lincoln, Ill.

Cannas 20 leading varieties, 2 1/2-in. pots; fine plants in each; \$5.00 per 100. Cash, please. T. C. Breese, West Berlin, Ohio.

Cannas, 3 1/2-in., \$6.00; 4-in., \$8.00; 3-in., mixed, \$3.00 per 100. Cash. Greene & Underhill, Waukegan, N. Y.

Cannas Austria and Burbank, nicely started under bench, \$1.50 per 100. M. L. Bonham, Clinton, Mo.

Cash. etc. Write for our special trade list, Robinson & Atkins, Rutherford, N. J.

Canna Chas. Henderson, 3-in., strong plants, \$4.00 per 100. James Frost, Greenville, Ohio.

Canna Austria, \$5.00 per 100. Soar Bros., Little River, Fla.

CAREX.

Carex japonica variegata, 2 1/2-in., \$5.00 per 100. Nathan Smith & Son, Adrian, Mich. C.

Carex japonica \$2.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

CARNATIONS.

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Hydrangea Otakusa. We have a fine stock of this in 5-inch pots, just coming into bud, in first-class shape for getting on. This will make fine salable stock for late trade, and will make fine blooming plants when shifted into 7-in. pots. Also have a fine stock and can offer extra strong plants in 5-in. pots, just showing bud, at \$25.00 per 100. We can also offer extra fine plants in tubs, just showing bud, plants that will have from 10 to 12 flowers each when in bloom. These are fine decorative purposes, and we always have a good demand for them. We can supply these plants in tubs at \$2.00 each. F. R. Pierce, St. Louis, Mo.

Hydrangeas Thos. Hoge and Otakusa monstrosa, 2 1/2-in., \$3.00 per 100; \$25.00 per 1000. John A. Doyle Co., Springfield, Ohio.

IVIES

German ivy, 2 1/2-in., \$2.00; 3-in., \$3.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

Boston ivy, \$2.50 per 100. John A. Doyle Co., Springfield, Ohio.

LANTANAS.

Weeping lantanas, 2 in., \$2.00 per 100. Walker Bros., Hollis,boro of Queens, N. Y.

LOBELIA.

Lobelia, dwarf blue and white, 2 1/2-in., \$1.50 per 100. C. Winterich, Defiance, Ohio. \$1.00 per 100.

Lobelia, 2-in., \$2.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

MIGNONETTE.

Mignonette, 2 1/2-in., \$2.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, 2 1/2-in., \$2.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

ORANGES.

Native Florida seedlings and hardy Japanese, which is much used for hedge, and withstands frost, frost-killed. South Florida Nursery Co., Dade City, Fla.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of variety now in bloom and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

CUT BLOOMS.

THE BEST.

\$3.00 TO \$5.00 PER 100, KENTUCKY BLOSSOM CO., WHOLESALE COMMISSION FLORISTS, 42 AND 44 EAST RANDOLPH ST., CHICAGO, ILL.

PALMS, ETC.

To make room I offer PALMS of the most profitable sizes for growing on. They are home-grown (never been seasked), strong and healthy. Free from insects, disease and just the kind of plants that will grow rapidly into money.

ARECA LUTEASCENS.

	Inch	Inches	Per
	pots.	high.	12.
1 plant	2	6-8	\$1.00
3 plants	4	12	3.00
3 plants	6	20	9.00
3 plants	6	24	100.00
			Each Per 12.
3 plants	8	30	\$2.50

KENTIA BELMOREANA.

	Inch	Inches	Per
	pots.	high.	12.
2 1/2	3	4	\$1.50
4	6	10	3.00
4	6	15	4.50
5	6	20	9.00
6	6	24	12.25
6	6	28-32	1.50

KENTIA FORSTERIANA.

	Inch	Inches	Per
	pots.	high.	12.
2 1/2	3	4	\$1.50
4	6	12	2.50
4	6	15	4.00
6	6	20	12.00
6	6	24	1.25
6	6	28-32	1.50
7	6	30-36	2.00

JOSEPH HEACOCK, Wyncofte, Pa.

Fine palms. *Lantania Borbonica*, from 2 1/2-in. pots, \$3.50 per 100; \$30.00 per 1000; 3-in. pots, \$4.00 per 100; 4-in. pots, \$4.50 per 100; \$2.00 per doz.; 5-in. pots, \$3.00 per 100; \$4.00 per 12; 6-in. pots, \$5.00 per 100; \$7.25 per 12; 8-in. pots, \$6.00 per 100; \$8.50 each and upward, according to size. *Kentia Forsteriana* and *Bembonia*, from 2 1/2-in. pots, \$3.00 per 100; 3-in. pots, strong, \$4.50 per 100; 4-in. pots, \$5.00 per 100; 5-in. pots, \$6.00 per 100; \$8.00 per 12; 6-in. pots, \$15.00 per 12; from 7-in. up at \$17.50 each and more according to size. *Areca Lutescens*, from 2 1/2 and 4-in. pots, at \$5.00 and \$3.00 each and more according to size. *Areca Lutescens*, two fine specimen plants, about 10 ft. high, for \$20.00 the pair. *Coccoloba Weddelliana*, 4-in. pots, \$3.00 per 100; 5-in. pots, \$35.00 per 100; \$1.00, \$4.50 per 12. Large plants from \$1.00 up. *Phoenix Rupicola*, and 7-in. pots, \$1.00 to \$1.50 each. John Badler, Troy Hill, Allegheny, Pa.

LANTANA BORBONICA, 20,000 cheap for cash. In. Inches. Price Per 100. 1 1/2 3 to 10 2 to 4 \$0.05 \$0.45 \$ 4.00 \$35.00 4 15 to 18 2 to 5 .12 1.10 10.00 35.00 5 18 to 20 2 to 6 .23 2.70 26.00 28.00 6 20 to 22 2 to 6 .45 4.20 35.00 350.00 7 20 to 22 2 to 6 .75 7.00 65.00 3 plants in 4-in. pots, 2 to 4 2 in. stems high \$2.00 to 10 leaves, \$1.10 each, \$10.00 per 100, \$30.00 per 1000.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATSMOUTH, N.E.B.

To make room for the palmiums will sell for cash extra order while they last.

100 000 trees, 3 plants in 1 pot, \$5.00 per doz. 2 1/2 in. pots, \$2.00 per 100. *Borbonica*, 6-in., \$4.75 per doz.; \$45.00 per 100.

200 000 *Kentia belmoreana*, 5-in., \$3.00 per doz.; \$25.00 per 100.

200 000 *Pandanus utilis*, 3-in. \$9.00 per 100.

200 000 *Livistona rotundifolia*, \$25.00 per 100.

200 000 *Palms*, 2 to 2 1/2 in. high, \$3.00 per dozen. 7-in. pots, 2 ft. high, \$20.00; \$4.00 per dozen.

F. R. Pierson Co., Tarrytown, N. Y.

Fresh seeds of *Kentia Belmoreana* or *Forsteriana*, 50c per 100; \$3.00 per 1000. *Cocos Weddelliana*, 70c per 100; \$6.00 per 1000. *Pandanus utilis*, \$1.00 per 100; \$7.50 per 1000. H. H. Burger & Co., 47 Wyoming St., New York.

Fresh seeds of *Kentia Belmoreana* and *Forsteriana* at \$4.50 per 1000; 5000 and up, \$3.00 per 1000. *Areca Lutescens*, \$3.50 per 1000; 5000 and up, \$5.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Livistona sinensis. True Japanese variety, far superior to *Lantania borbonica*. Fine fresh seeds in original tin cans, each containing 1000 seeds, at \$5.00 per can. Suzuki & Iida, 31 Barclay St., New York.

Lantania borbonica, strong, 5-in., \$8.00 per 100. *Pandanus utilis*, 4-in., \$35.00 per doz.; 5-in., \$3.00 per doz.; 6-in., \$3.00 per doz. Walker & McLean, Youngstown, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies, transplanted in cold-frames and open ground; fine, strong, bushy plants in bud and bloom; finest Giant, mixed colors, \$12.00 per 100; \$5.00 per 1000. *Blue and orange*, also transplanted, in bud and bloom, \$3.00 per 100. Cash, Ludwig Gotschack, 5300 Anthony Ave., South Chicago, Ill.

Fine strain of large-blooming pansies, 50c per 100 by mail; \$4.00 per 1000 by express. Cash with order. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Pansies, Choice plants, \$1.00 per 100; small plants, 50c per 100. Martinsville Floral Co., Nixon H. Gano, Mgr., Martinsville, Ind.

We have 5,000 left from last crop: fine plants in 2 1/2-in. pots, \$1.00 per 100; \$3.00 per 1000. Buckley Plant Co., Springfield, Ill.

PETUNIAS.

Petunias, dbl. fringed; 8 novelties in white, pink and blue; all labeled. Strong 2 1/2-in. pots, \$3.00 per 100; \$5.00 per 1000. Buckley Plant Co., Springfield, Ill.

Dbl. fringed petunias, rooted cuttings, \$1.00 per 100. Krueger Bros., Toledo, Ohio.

Petunias, single, 2 1/2-in., \$2.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

Double fringed petunias, 2 in., \$2.00 per 100. E. I. Rawlings, Quakertown, Pa.

PLANT LISTS.

	Per 100.
Canna, Crozy's varieties, pot grown,.....	\$4.00
Swainsona, strong, from 4-in., white.....	\$3.00
Swainsona, strong from 3-in., red.....	\$3.00
Ageratum Stella George, 2-in.....	\$3.00
Justicia Velutina, from 4-in.....	\$3.00
Alternanthera, yellow, 2-in.....	\$4.00
Acalypha maritima, 2 1/2-in.....	8.00
Three winter-flowering Jasminum Graciliflorum, Grandiorum and Rafinesquianum, in.....	3.00
Plumbago scandens, blue, in.....	3.50
Asparagus plumosus, from 2-in., in.....	2.00
Antennaria variegatum, 4-in.....	8.00
Primula, Forbesii, from soil.....	2.00
Chrysanthemum, Henry's, 2-in.....	2.00
Christmas, J. E. Lager, Niveus, Ivory, M. Dean, Phoebeus, Robinson, Modesto, Yanoma and many other best commercial varieties, 2 1/2-in.,.....	2.00
Cash with order.	
JOHN C. EISELE, 20th and Ontario Sts., PHILADELPHIA, PA.	

200 000 Ageratum, Cope's Pet., 2-in., \$1.50 per 100; 3-in., \$4.00, 300 000 *Coleus*, 2-in., \$1.25 per 100. 25 000 *Cleome*, 2-in., \$2.00 per 100. 200 000 *Cynerus* at 2 in., \$1.00, 100 Lobelia, 2-in., \$1.00, 100 *Mme. Sallerei*, 2-in., \$3.00, best *Verbena*, 2 1/2-in., \$2.00 per 100. Cash, Dann & Son, Westfield, N. Y.

PLANT LISTS—Continued.

A few good things you want:

Kentia Belmoreana and Forsteriana, 2 1/2-in. Liberty, 15c; 3-in., 25c; 4-in., 35c; 5-in., 45c each.

Arca lutescens, 3-in., 3 plants to pot, 15c; 4-stock, and cannot be duplicated anywhere for the money.

Boston fern, 3-in., \$5.00; 4-in., \$15.00; 5-in., \$30.00 per 100.

Sword fern, *Nephrolepis cordata compacta*, 2 1/2-in., \$3.00 per 100; 3-in., \$5.00 per 100.

Rex begonia, finest varieties, 2 1/2 and 3-in., \$4.00 per 100.

Vinca, variety, 2 1/2-in., \$3.00 per 100; 3-in., \$3.00 per 100.

Asparagus Sprengeri and plumosus, 2-in., \$5.00 3-in., \$5.00 per 100.

Gernianus, 2-in., double and single Grand.

Mme. Braant, Mrs. E. G. Hill, Pottevine, Bonnat, Atkinson, 2 1/2-in., \$4.00; 3-in., \$5.00 per 100.

Campbell violets, strong runners, 6c per 100.

English ivy, 2 1/2- and 3-in., extra, \$5.00 per 100; medium, \$3.00 per 100.

Giant alyssum, acyranthes, lemon verbenas, verbenas, celosus and alternantheras, red and pink; scarlet sage, Clara Edman; ageratum, blue and white and Princess Pauline; heliotropes, blue. Also imperial violets.

All 1 1/2-inch stock, \$2.00 per 100.

Roses, Bride and Bridesmaid, 3-in., \$3.00 per 100.

Dracena Indivisa, 3-in., \$5.00 per 100; 4-in., \$10.00 per 100.

Cash with order or C. O. D.

GEO. M. EMMANS, Newton, N. J.

SPECIAL TRADE LIST.

Ageratum, variegated, elegant plants for borders, 2 1/2-in. Liberty, \$3.00 per 100.

Anthericum, strong plants, 4-in. pots, \$1.00 per dozen.

Evcharidas double white, single pink, scarlet and Humboldtii, 2 1/2-in. pots, 3c per 100.

Canna Florence Vaughan, well established plants from pots, \$3.00 per 100.

Centaura gymnocarpa, 3-in. pots, \$4.00 per 100.

Clematis paniculata, 2 years old, 4-in. pots, \$3.00 per 100.

Clematis paniculata, 1 year old, 3-in. pots, \$5.00 per 100.

Dracena Indivisa, 4 1/2-in. pots, \$3.00 per doz.

Echeveria glauca, fine plants, \$1.00 per doz.

Forget-me-not *Palustris*, Phasant's Eye. This is an improve, strong flowering Forget-me-not. Clumps, \$4.00 per 100.

Lobelia, Emperor William, 2 1/2-in. pots, \$3.00 per 100.

Sempervivum tartaricum, \$3.00 per 100.

Chrysanthemum, from 2 1/2-in. pots, \$2.00 per 100. Best variety only.

C. EISELE, 11th and Jefferson Sts., Philadelphia, Pa.

PRIMROSES.

Baby primroses. In bloom from 2 and 3-in. pots, \$2.50 per 100. Cash with order. Winchester & Son, Peconica, Ill.

Chinese primulas, mixed and white, 2 1/2-in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

ROSES.

Rose plants from 2 1/2-in. pots. Liberty, \$1.00 per 100, \$3.00 per 1000. Golden Gate, Bridesmaid, Bride, Meteor, Kaiserin, \$2.75 per 100; \$5.00 per 1000.

American Beauty, 3-in., \$3.00 per 100; \$75.00 per 1000. Kaiserin, \$5.00 per 100; \$45.00 per 1000.

Bridesmaid, Meteor, Bride, Golden Gate, 3-in. pots, \$4.00 per 100; \$35.00 per 1000.

Kaiserin, 4-in. pots, \$5.00 per 100; \$55.00 per 1000.

Our 2-in. American Beauty and 2 and 4-in. Kaiserin are unusually large, strong plants and will be sure to give the best of satisfaction.

PETER REINBERG, 51 Washab Ave., CHICAGO.

Roses. Extra fine plants grown on their own roots for winter forcing. Liberty, 3-in., \$12.00 a 100. Beauty, 3-in., \$5.00 a 100. Bridesmaid, Meteor, Golden Gate, Hosts, 3-in., \$12.00 a 100. Golden Gate, Perle, Niphotos, Sunset, 3-in. pots, \$7.00 per 100. 15 sample plants (to clients only), \$1.00.

Grafted roses. Liberty, 3-in., \$18.00 a 100. Perle, Mails, Golden Gates, Kaiserin, 3-in., \$12.00 a 100. 15 sample plants (to florists only), \$1.00. J. L. Dillon, Bloomsburg, Pa.

Roses. A grand lot of strictly high-grade stock, clean and healthy, grown cool, quality guaranteed. Terms cash. No satisfaction differences. American Beauties, 3-in., \$7.50 per 100; \$65.00 per 1000; Brides, Mails, Meteors, Golden Gates, Kaiserin and Perles, 3-in., \$4.00 per 100, \$35.00 per 1000; Mails, Perles, 4-in., \$7.50 per 100, \$65.00 per 1000. The Essex Greenhouses, Coe, Hilde, Co. Address: All communications care of Mr. S. A. E. Lyman, No. 575 Pearl St., Cleveland, Ohio.

These shall have surplus of Liberty, Maid, Meteor, Golden Gate, Mrs. W. M. Golden Gate, and Meteor plants, from 2 1/2-in. and 3-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorrancecon, Pa.

Roses from 2 1/2-in. pots, clean, bushy plants, strictly first class and guaranteed, with special rates. In 1900 lots, 500 at 100c rate; 20 at 100 rates. Per 100. Per 1000.

Liberty, \$3.00 \$35.00

Brides, \$4.00 \$35.00

Mails, \$4.00 \$35.00

Meteor, \$4.00 \$35.00

Perles, \$4.00 \$35.00

LAKE VIEW ROSE GARDENS, Jamestown, N. Y.

Strong, clean, well established stock on own roots. The following varieties: Per 100 Per 1000

500 Liberty, \$3.00 \$35.00

500 Golden Gate, \$3.00 \$35.00

500 Meteor, \$3.00 \$35.00

500 Mails, \$3.00 \$35.00

500 Brides, \$3.00 \$35.00

500 Meteor, \$3.00 \$35.00

500 Kaiserin, \$3.00 \$35.00

500 Carnot, \$3.00 \$35.00

L. L. MAY & CO., St. Paul, Minn.

Hardwood Jacks, from 3-in. pots. We have 10,000 plants of this variety in superb condition; strong, well rooted, all in every way, \$5.00 per 100; \$50.00 per 1000. Queen of Edgely; fine, strong plants from 2-in. pots, \$25.00 per 100; \$200.00 per 1000. American Beauty; strong, well rooted plants, from 2 1/2-in. pots, ready for a shift; very clean; \$6.00 per 100. This stock is in the pink of condition. The Dinger & Conard Co., West Grove, Pa.

Clean, healthy stock, 2 1/2-in., \$2.00 per 100, 10,000 plants of the following: Per 100 Per 1000

Universal Favorite, C. De La Barthe, C. Souper, H. S. Gem, H. S. Stanley, Pink Rosmer, Queen's Scarlet, Gen. De Tartas, Agrippina, George, Nanda's Triumph, A. Peralto.

H. W. BUCKBEE, Rockford, Ill.

From 3-in. pots, \$4.00 per 100; \$35.00 per 1000. Bridesmaid, Meteor, Golden Gate, Hosts, 3-in. pots, \$4.00 per 100; \$35.00 per 1000. American Beauty, 3-in. pots, \$4.00 per 100; \$35.00 per 1000. Plants clean, strong, healthy. Satisfaction guaranteed. Ten per cent off for cash with order. M. F. LaRoc, Arct. Collinedale, Delaware Co., Pa.

2000 Brides and 6000 Bridesmaids in 2 1/2-in. pots, ready to shift to 4-in., for sale at a low price. The best made for our own use, and for the very best wood on the plants, but as we changed our plan of planting we have this surplus stock, \$2.50 per 100, \$20.00 per 1000. quick. Cash. Try a change of stock and see if it does not improve the quality. South Park Floral and Nurseries, Inc., Chicago, Ill.

Extra fine 3-in. Rose Plants. Per 100 Per 1000

American Beauties, \$4.00 \$47.00

Golden Gate, \$5.00 \$50.00

Bridesmaid, Meteor, \$5.00 \$50.00

Duchess of Albany, \$5.00 \$50.00

Perle des Jardins, \$5.00 \$50.00

Sunset, \$5.00 \$50.00

MEMPHIS FLORAL CO., Memphis, Tenn.

ROSE STOCKS.

Brides, Mails, Kaiserins, Carnots, Meteors, 2 1/2-in., \$3.00 per 100, \$25.00 per 1000

3-in., \$4.00 per 100, \$35.00 per 1000

2 1/2-in., \$3.00 per 100, \$25.00 per 1000

2 1/2-in. Liberty, \$5.00 per 100

W. H. ELLIOTT, Brighton, Mass.

We have a surplus of Brides and Mails in 2 1/2-in. pots which we will sell at \$20.00 per 1000. This is first class stock, grown for our own planting, and is in fine shape. We can also spare a few Meteors.

WETTOR BROS., Wholesale Growers of Cut Flowers, 51 Washab Ave., CHICAGO, ILL.

Surplus roses. We have the following in 2-in. pots, ready for our own planting, which are strong and strictly A. No. 1 in every particular and guaranteed to please: Bridesmaid, Meteor, and Kaiserin, \$4.00 per 100. Beauties, \$7.00 per 100. G. Van Bochove & Bro., Kalamazoo, Mich.

Roses. The kind that grow and bloom. Cool green. Inspection cordially invited. Brides and Mails from 2 1/2-in. pots, per 100, \$3.50; per 1000, \$30.00. Cash. Liberty, per 100, \$5.00. Roseman Conservatory, Lawrence Cotter, Manager, Dorchester, Mass.

SPECIAL Meteor rose plants, \$3.00 per 100. Write for special price on large quantities. 1500 Meteors, Brides, Mails and Golden Gates at \$3.00 per 100.

J. A. BUDLONG, 37-29 Randolph St., CHICAGO.

New Roses—The Baltimore, color a light pink and of the largest size, \$5.00 per doz.; Admiral Schley, the best crimson beeder ever introduced, \$2.00 per doz. Cash with order. John Cook, 218 No. Charles St., Baltimore, Md.

Roses. Extra strong and healthy plants; propagated from grafted stock; ready to plant on orders. Brides, Mails, Meteor, Golden Gate, 3-in. pots, \$5.00 per 100; \$45.00 per 1000. Cash. S. J. Renter, Westery, R. I.

Roses—2 1/2-in. pots. Bridesmaid, \$3.00 per 100; \$25.00 per 1000. Brides, \$4.00 per 100; \$35.00 per 1000. Edw. J. Taylor, Southport, Conn.

Roses, per doz. Gates, Mails, Brides and Meteor, 2 1/2-in., \$3.00. Gates, 3-in., \$5.00. Mails and Brides, 3-in., \$4.00. Meteor, 2-in., \$1.50. Beauty, 2 1/2-in., \$4.00. Jochimsan Bros. Co., Morton Grove, Ill.

Roses. Good healthy plants of Kaiserin Augusta Victoria, 2 1/2-in., \$4.00 per 100; \$35.00 per 1000; 2-in., \$3.00 per 100; \$25.00 per 1000. Cash with order. M. A. Magnuson, 2308 No. Western Ave., St. Paul, Minn.

All the leading varieties of roses in 2 1/2-in. shifted from 2-in. and equal to stock advertised as 2-in. Satisfaction guaranteed. Write for special prices on large lots. Geo. A. Kuhl, 1000 Bridge St., Philadelphia, Pa.

Grafted Roses. Mails, Brides, Golden Gates, \$2.00 per 100; \$16.00 per 1000. Strong plants potted & certified, from 4-in. pots, \$1.75 per 100; \$15.00 per 1000. Geo. L. Parker, 507 Washington St., Dorchester, Mass.

Fine rose plants in 3-in. pots, ready to plant in houses. 500 Brides, 500 Mails, 400 Meteors, \$1.00 per 100. 300 Liberties, 3-in., \$1.00 per 100. Address J. L. Wyland, Delafawn, Pa.

For Sale—1000 Liberty plants, very fine, strong, vigorous plants in 4-in. pots, at \$15.00 per 100; also 1000 Meteors at \$1.00 each in 4-in. pots. Louis M. Noe, Madison, N. J.

Roses, fine plants, 5-in. size. C. C. Souper, Jameson, Lake Roland, Baltimore, Md. Brides, etc. Queen of Prairie, same size, C. Ches Alport, W. H. Salter, Rochester, N. Y.

Bride and Bridesmaid, from grafted plants potted & certified, from 4-in. pots, \$10.00 per 100; \$30.00 per 1000. Geo. L. Parker, 507 Washington St., Dorchester, Mass.

Roses. Fine, strong plants from 2 1/2-in. pots. Bridesmaid and Golden Gate, \$1.75 per 100; \$15.00 per 1000. Mrs. J. W. Crouch, Chattanooga, Tenn.

Get a sample 100 of our fine young roses at \$1.00 per 100. Write for prices. We will order again. W. H. Gullies & Sons, Lincoln, Ill.

PERLE ROSES. Fine thrifty plants from 2 1/2-in. pots, \$3.50 per 100; \$30.00 per 1000. Wm. E. Sells, Lake Roland, Baltimore, Md.

Roses—Crimson Ramblers, 3 and 4-in. pots, Joseph Bradbury, South Ora, S. E. N. J.

Roses. Brides, Perle Bridesmaid, fine grafted stock, \$1.50 per 100. Joseph Hancock & Son, Cedar Fall, W. Va.

Brides and Mails, 3 1/2-in., fine for planting out in benches, \$4.00 per 100; \$35.00 per 1000. F. R. Hills, 1000 8th Ave., Maywood, Ill.

Roses. H. F. roses, Crimson Ramblers, H. F. roses, for special price list for prices. Bobbink & Atkins, Rutherford, N. J.

Bride rose plants, on own roots, 2 1/2-in., \$3.00 per 100. J. Wm. Colfesh, 53rd and Woodland Ave., Philadelphia, Pa.

Brides and Mails, strong, clean, 2 1/2-in., \$2.50 per 100. Krueger Bros., Toledo, Ohio.

Brides and Mails, 2 1/2-in. pots, \$3.00 per 100. Walker & McLean, Youngstown, Ohio.

American Beauties, 3-in. pots, fine plants. Robert Simpson, Clifton, N. J.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

If you read these ads. others would read yours.

RUBBER PLANTS.

RUBBER PLANTS. We still can find a bargain in these in the larger sizes. The 7 1/2 size offered below will be found to be exceedingly good value. Plants are first class, and free from top cuttings, with large leaves, light to green, and are exceedingly cheap at prices quoted.

Fin. plants, 15 to 18 in., \$5.00 and over.

High plants, 18 to 24 in., \$5.00 per 100.

Extra heavy plants, 6-in. pots, 3 per 100. \$1.00 per 100, \$10.00 per 1000.

We also have a few extra heavy specimens which are fine for decorating piazzas, hallways, etc. Plants in 5-in. pots, 4 to 5 ft. high, which we can offer at \$2.00 each.

F. R. Pierson Co., Tarrytown, N. Y.

The Florist's Manual, by William Scott, is whole Library on Commercial Floriculture. Send in your order now. Florist's Pub. Co., Chicago.

SALVIA.

Salvia, 2-in., \$3.00; 2 1/2-in., \$3.00; 3-in., \$4.00 per 100. \$30.00 per 1000. Cash. R. Vincent, Jr. & Son, White Marsh, Md.

Salvia Bonfire, from 2 1/2-in. pots, \$2.00 per 100. R. Vincent, Jr. & Son, White Marsh, Md.

Holt's Mammoth Sage, strong rooted cuttings, \$1.00 per 100, \$8.00 per 1000. Cash. Benj. Conner, St. W. Gate, Pa.

The Classified Advt. bring big returns! It is the verdict of the advertisers.

SEEDS.

Cineraria Hybrida Grandiflora, the most brilliant coloring, pkt., about 500 seeds, 25c; 5 pkts., \$1.00.
 Cineraria, dwarf growing, pkt., 25c; 5 pkts., \$1.00.
 Primula Sinensis Fimbriata, in separate colors:
 Rose Splendens 25c 100, 1000.
 Atroangulata, blood red 25c 1.75
 Alba, purest white 25c 1.75
 Coerulea (True Blue) 25c 2.00
 All mixed 25c 1.50
 Send for our estimate blank on all the French and Dutch seedling bulbs, azaleas, carnations, etc. We can save you 10 per cent on early orders.
 H. H. BERGER & CO.,
 47 Barclay St., New York.

Musa Enseto (Abyssinian banana). If sown now, will make fine plants by end of summer and can be carried over in a cool house and will be in fine shape to make specimen plants next summer. There is a steady and growing demand for them, 100 seeds, \$1.00; 1,000 seeds, \$8.00.
 Primula, cineraria, pansy and other seasonal seeds are in stock. H. A. Dreer, 714 Chestnut St., Philadelphia.

XXX seeds. Chinese primroses, large-flowering, fringed, 15 to 20 seeds, single and double mixed, 50c; \$1.00; half pkt., 50c. Pansy, the best of the mammoth-flowering varieties, mixed, 4000 seeds, \$1.00; half pkt., 50c. Cineraria, large-flowering dwarf varieties, mixed, 1000 seeds, 50c. John F. Rupp, Shiremanstown, Pa.

D. Landreth & Sons, 1001 Market St., Philadelphia, Pa. Flower Seeds. Pansy, Philadelphia, finest strain, trade pkt., \$1.00. Cineraria grandiflora, 1/2 trade pkt., 50c; trade pkt., \$1.00. Primula Obconica (Baby Frijoles), trade pkt., 50c. Primula Obconica Fimbriata, trade pkt., 50c.

FRESH SMILAX SEED, 25c per oz.; \$2.00 per lb. Write for prices in quantity.
 Order taken for Cobaea scandens and Asparagus Sprengeri.
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Wholesale price lists for florists and market gardeners.
 W. Alice Burpee & Co., Philadelphia, Pa.

SMILAX.

Smilax, 2 1/2-in., \$1.50 per 100. From flats, 25c per 100. Cash, Morris Floral Co., Morris, Ill.
 Smilax, 2-in., \$1.00 per 100; \$10.00 per 1,000. Cash, Jos. H. Cunningham, Delaware, Ohio.
 Smilax, \$1.50 per 100, \$12.50 per 1000. A. M. Herr, Lancaster, Pa.
 Smilax, 2-in., \$1.25 per 100. Harry White, New Holland, Ind.
 For smilax, write Geo. A. Kuhl, Pekin, Ill.

SPIRÆA.

1000 caryopteris (blue spiræa), 3-in., \$2.00 per 100. Cash, Roney Bros., West Grove, Pa.
 Spiræa Anthony Waterer, 2 1/2-in., \$1.50 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia var., 2-in., \$3.00; 2 1/2-in., \$4.00; 3-in., \$5.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 224 Dearborn St., Chicago.

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Swainsona, white and pink, 2 1/2-in., \$2.50 per 100. Good & Reese Co., Springfield, Ohio.

VEGETABLE PLANTS.

Cabbage. Large late Flat Dutch, Drumhead, Surehead, Danish Ballhead, World Center, Heiander and Autumn King. Fine plants, none better for planting out at once, 50c per 1000; \$7.50 per 10,000. Lettuce, Hanson, Deacon, Golden Queen, Boston and Simpson. Special to clean out, 50c per 10,000. Cash, E. W. Eyer, Chambersburg, Pa.

10,000 homersedish plants, 8 to 10 in. long, \$3.00 per 1000 to export. Sage seedling, from flats, 2 to 5 in. long, 20c per 100; \$1.50 per 1000. 3,000 asparagus, Conover's colossus, one year old, 50c per 100; \$2.00 per 1000. Cash, Ludwig Mosback, 8500 Anthony Ave., near So. Chicago Ave., So. Chicago, Ill.

Sweet potato plants. White Queen, red and yellow Gemma, Jersey yellow, red, \$1.75 per 1000; purple Yam, \$2.50 per 1000; Brazilian, \$4.00 per 1000. If wanted by mail, add 15c per 100 plants. E. F. Hall, Shelbyville, Ky.

Cabbage—All Head, Wakefield, Winnigstadt and Flat Dutch, \$1.25 per 1000. Tomato—Campion, Aristocrat and Stone, \$1.25 per 1000. Celery—Golden Self Blanching, \$1.00 per 1000. W. D. Chass & Son, New London, Ohio.

For cabbage, celery, egg, pepper, lettuce, beet and tomato plants see our display av. E. Vincent, Jr. & Son, White Marsh, Md.

Cabbage plants, ready to plant out, \$1.25 per 1000. J. C. Schmidt, Bristol, Pa.

VERBENAS.

Lemon verbenas, 2-in., \$2.50; 2 1/2-in., \$3.50; 3-in., \$4.00; 4-in., \$5.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

Mammoth verbenas, fine plants from flats, in bud and flower, 75c per 100. S. Whitton, 11 1/2 Gray Ave., Utica, N. Y.

Mammoth, fine plants from soil, 40c per 100; \$3.00 per 1000. J. C. Schmidt, Bristol, Pa.

Verbenas, 2 1/2-in., \$2.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca, 2-in., \$2.00; 2 1/2-in., \$2.50; 3-in., \$4.00; 3 1/2-in., \$5.00; 4-in., \$10.00; extra long vines, 2 to 3 ft., \$10.00 to \$15.00 per 100. Rooted cuttings, 100 per 100. \$10.00 per 1000. Cash, Greene & Underhill, Watertown, N. Y.

Vinca Major, var. and green, 2 1/2-in., \$3.00; 4-in., \$6.00; 5-in., \$10.00; 6-in., \$15.00 per 100. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Vinca vines, green leaves, \$1.00 per 100. Cash, Jos. H. Cunningham, Delaware, Ohio.

Vinca major variegata, 2 1/2-in., \$2.00 per 100. Nathan Smith & Son, Adrian, Mich.

Vinca, green and variegated, \$3.00 per 100. James Frost, Greenville, Ohio.

VIOLETS.

Healthy, well rooted plants from stand of Lady Campbell ready, 75c per 100; \$5.00 per 1000; 50c to 100c. Imperial, \$1.00 per 100. These are young runners. Struck in sand and not old plants divided. Will send only good stock. Chas. Blak, Hightstown, N. J.

Violets. Good healthy stock, from 2 1/2-in. pots, \$3.00 per 100; \$25.00 per 1000. Cash with order. Mount Homes Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Pot plants of Imperial, Marie Louise, Parquhar and Lady Campbell, \$2.00 per 100; \$25.00 per 1000. At stock. Crabb & Hunter, Grand Rapids, Mich.

California violets, healthy, well rooted runners, 50c per 100; \$2.50 per 1000; \$25.00 per 10,000. Cash with order. W. A. Finger, Hicksville, L. I., N. Y.

Marie Louise, March struck, fine plants, \$10.00 per 100. Cash, please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Lady Campbell violet runners, \$4.00 per 1000. Cash. R. Pabst, Rutledge, Del Co., Pa.

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Yellow Jessamine, trumpet creper and wild morning glory, 2 of Florida's most beautiful and easily grown climbers, 50c a doz. South Florida Nursery Co., Dade City, Fla.

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Isoplepis gracilis, 2 1/2-in., \$2.50 per 100. Phalaris variegata, 2 1/2-in., \$3.00 per 100. Nathan Smith & Son, Adrian, Mich.

TO EXCHANGE.

Agaves, yucca, senesieria, cereus, aloes, ferns, new classified, banana, canna Austria, Ananasia sativa, orchids, tillandsias and many others, for sale cheap, or will exchange for Pandanus utilis, F. Vetchol and 20,000 callas. Soar Bros., Little River, Fla.

To Exchange—200 chrysanthemums (very fine), from 2-in. pots, for Sprengeri and plumbago nanus. F. R. Perkins, Paris, Texas.

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Wanted—Crimson Rambler roses, rooted cuttings or 2 1/2-in. Who has them? Give price. Theo. Fuhr, Beloit, Ohio.

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Our new crop of Dagger ferns is now ready and in a No. 1 quality; \$1.50 per 100. Discount on large orders. Also a full line of hardy ferns, moss, bouquet greens, laurel, festooning, etc. H. R. Robinson & Co., 28 Court Sq., Boston, Mass.

Seminole specialties. Fresh green palm leaves, crowns and buds, needle pins, synthron moss. Lowest prices; most liberal terms. Seminole Palm Co., Davenport, Fla.

New crop Northern dagger ferns now ready, 75c per 1000. Laurel festooning, 4, 5 and 6c per rd. Crowl fern Co., Millington, Mass.

FLORISTS' LETTERS.

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GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothoe sprays, address the introducer.
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Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green or bronze, 75c per 1000. Crowl Fern Co., Millington, Mass.

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We make special greenhouse supply. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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"White Anchor," "Akron," "Triton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 31 Lake St., CHICAGO.

Ball Day Garden Hose is made by Gordon Woven Hose & Rubber Co., Chicago & Boston. Good Hose. J. G. & A. Estler, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila, Pa.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
 Siccatura Dip Co., Chicago.

If you want healthy plants, fumigate with Nicotidole. Tobacco Warehousing and Trading Co., 1602 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco, to save you money. For free booklet, write Kentucky Tobacco Product Co., Louisville, Ky.

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Coldwell Lawn Mower Co., Newburgh, N. Y.
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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouse are within 500 miles of the Capital, write us, we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., and New York, N. Y.

Flower pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and guaranteed.
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Stemming wire, cut, in boxes; size 20 to 24, 75c per box.
Galv. rose stakes and Excelcor carnation supports. H. F. Littlefield, Worcester, Mass.

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C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winteron, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

DENVER, COLO.**Marriage of Philip Scott.**

That redoubtable ten pin champion, Philip Scott, has been bowled out. He is no longer a bachelor privileged to frequent the alleys at will, but must now ask permission of his wife and will in future probably be restricted to two hours once in two weeks, and the Denver team's hopes of achieving distinction at Buffalo have gone glimmering.

Miss Simpkins, who is now Mrs. Scott, had already been with the Park Floral Co. several years when Philip first landed in Denver. In the year and a half since that time he has had ample opportunity to see her under all the trying conditions that arise in a retail store. He held out manfully, but had to surrender at last. The wedding took place on the evening of June 4th at the home of the bride's parents in Berkeley and Ben Bolit fairly outdid himself in the decorating. "Billy Crowe," also with the Park Floral, devoted the whole afternoon to the creation of the bouquets and Peter Crowe of Utica sent some of his famous "Bardi" adiantum for the occasion. The bride was showered with gifts galore, and it was evident that both bride and groom were great favorites with their fellow employees and with Mr. Valentine, their "old man."

If Willie and Davie will now follow Philip's lead, "Great Scott" may, in a measure, be consoled when the time comes for him to surrender his charming daughter. Judging from appearances it is only a question of when one she will select from among the many. In the meantime here's to the health and happiness of Philip and his bride. Drink hearty. J.

GREENFIELD, MASS.—E. B. Beals is closing out the stock in his greenhouses here and will remove to Springfield, where he has bought the Eastern avenue greenhouses and of which he takes possession July 1. He has been in the florist business in this city for the last 20 years.

THE HOLLYHOCK.

Those who possess a collection of hollyhocks should place them (March) in a greenhouse orinery. The hollyhock is regarded mostly as a hardy plant, and therefore not in need of glass protection. I tried, at one time, to treat it as such, but found to my cost that it would not stand severe frosts. Seedlings will pass through a severe winter without harm if they are well established. For instance, sow the seed early in the month of May in a cold frame, or on a gentle bottom heat, to cause a quicker and better germination. When the plants have been pricked out in boxes, and are large enough in the months of July or August, plant them at not less than three feet apart, and they will be fine, sturdy plants, with the leaves hugging the ground. Such plants will stand almost any amount of frost.

The older plants which have flowered and have been cut down are different. There is an old thick stem on these, with some growth clustering around the neck, and this stem dies down from the top, after exposure to severe frost; and as the outer covering of the stem parts from the woody portion, the growths gradually die with it. A good way to treat old stools of the hollyhock is to dig them up, and plant in an ordinary garden-frame in rich loamy soil, and if some leaf-mould can be mixed with it to keep it open, so much the better. They may be planted quite closely together, and have a covering of litter if very severe frosts set in.

Choice varieties may be potted in 7 or 8-inch pots, according to the size of the stools; and as the object is to obtain cuttings, they can be more quickly obtained from plants that have been wintered in a glasshouse, from which the frost is kept out better than from a frame. When the shoots are strong enough, they should be cut off with a knife close to the main stem, taking a heel of the older tissue as well. Such cuttings form roots freely in a propagating-frame or heated house, but they are apt to rot unless the right method is pursued. Let as many clean thumb-pots be prepared as there are cuttings, and having put a bit of crock over the hole, and prepare some porous soil consisting of one part good loam, one of leaf-mould, and some white sand, all being moderately moist, and plant these cuttings firmly in the pots, but do not afford water; indeed, it is better not to afford any before roots are formed, which is the reason that the soil should be rather moist, for if the pots are plunged in moist cocoanut-fibre-refuse over mild bottom-heat, the moisture will be retained for two or three weeks, as the cuttings are, of course, in a glass-case inside of the house. The frame should not be quite closed, or decay in the leaves and also in the stem may sometimes be set up. It is very essential that decayed parts should be promptly removed when noticed.

Root-grafting may be successfully practiced in the spring, the stock and scion being prepared as if for whip-grafting, and they are carefully fitted, and tied firmly with raffia. A short piece of a root is used for the stock, and in potting the graft the top of the root must be covered with the soil, which should be the same sandy, light soil as that used for the cuttings. When fairly established, these young hollyhock plants must be gradually inured to

the temperature of a cold frame when all danger from frost is over, and repotted into 5 or 6-inch pots. In order that the best results may be obtained, the plants must be carefully attended to, and placed in the open air in April, and planted out where they are to stand to flower about the end of that month or early in the next. The stations or the bed should be prepared in the autumn by being trenched, and heavily manured. In planting either hollyhocks or dahlias where they are to flower, it is better to at once put in the stakes to which they plants, and a saving of trouble in the end. At the time of planting, make the hole large enough to hold a spadeful or two of a good compost—say, of loam and decayed manure in equal portions, with manure between the first and second spits. Plant firmly and rather make a slight depression round the plants than a hillock, as in dry seasons water must be afforded.

In new ground that has not had the benefit of trenching, it will not do to throw the subsoil on to the top, but to stir it up, and mix plenty of good manure with it. Many persons do not realize the importance of garden ground being well aerated before being planted with anything, either flowering plants or vegetables. Suppose the ground has been trenched in October or November, it will soon have the surface battered down with the rain, and thus rendered impervious to the air, and weeds will appear on it; and the proper sort of treatment is to fork it over to the depth of four inches, and in about six weeks fork it up again; but it is better to let it alone until the surface is fairly dry. It may also be forked over at the time of planting, and if some decayed manure be placed around the roots of the plants, it will have a very beneficial effect on them.—J. Douglas, in the Gardeners' Chronicle, London.

GREENHOUSE GRAPES.

I would suggest to R. S. C. that he bend the last year's growth down, which will induce all of the lower eyes to start freely. Afterward the vines may be straightened out again. I have always found common cow manure the best fertilizer for the borders and beds, both inside and outside. F. J. ULBRECHT.

A WHEEL HOE.

Mr. W. E. Hall, Clyde, O., sends us a sample of his wheel hoe. It is practically an 8-inch scuffle hoe on wheels. It is simple and strong and we can see that it could be made to do very effective work as well as lots of it.

BLACKINTON, MASS.—Geo. H. Phelps will erect two violet houses 11x60, one on each side of his 20-foot carnation house, adding the narrow houses as wings and heating the three houses with a Dean boiler and 3-inch steel tubing.

KANSAS CITY, Mo.—The directors of Convention Hall are endeavoring to arrange for a big flower show in the hall next fall, and are asking the florists to co-operate.

DETROIT, MICH.—Miss Queeney Ferry, daughter of D. M. Ferry, the seedsman, was married June 8 to Avery Coonley, of Chicago.

THE FLORISTS' MANUAL.

I am more than pleased with the Florists' Manual. It is just what I have been wanting for a long time. GUS OBERMEYER, Parkersburg, W. Va.

CLASSIFIED ADVS. O. K.

Please discontinue my adv. in REVIEW, as plants are all sold. The classified ads. are O. K.—HARVEY B. SNOW, Camden, N. Y.

ROCHESTER, N. Y.—Harriet H. Barry, widow of Patrick Barry and mother of W. C. Barry, of the firm of Ellwanger & Barry, died May 13, aged 80 years.

TERRE HAUTE, IND.—Work has been begun on the new green houses to be built by Jno. G. Heintz & Son at the new location.

FAIRBURY, NEB.—The packing house of the Fairbury Nursery Co. was destroyed by fire on May 29.

ROCKVILLE, CONN.—Theo. Stout will soon build three new houses.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, add at the rate of one cent for each additional word.

WANTED—Good man at once to grow roses, carnations and bedding stock; must be steady; not afraid to work; \$35.00 a month with board. S. J. Long, Florist, Petoskey, Mich.

WANTED—Young man for florist store. J. M. Gasser Co., Cleveland, O.

WANTED—Small upright steam boiler, suitable for heating 200 feet 1-inch pipe. To be used for vaporizing. Joseph Bancroft & Son, Cedar Falls, Iowa.

FOR SALE—Six greenhouses near Chicago (3000 feet glass), heated by hot water; plenty of stock; also dwelling house of seven rooms in good condition; long lease of land; price \$12,500.00 cash if taken by July 1. For particulars address O. K., care Florists' Review.

FOR SALE—Eight greenhouses, 15x4 x 100 feet; 1 steam office, bottling and packing house; good as new; all modern improvements; situated between two large cities in central Pennsylvania. Or will rent to good parties. Address X, care Florists' Review.

SITUATION WANTED—To take charge of cut-s flower growing establishment within 300 miles of Chicago; 10 years in one place; wages \$40.00 per month and board. Address Grower, care Florists' Review.

FOR SALE—Good upright steel boiler, 10 H. P., in use 2 years; have been carrying 20 to 20 lbs. of steam; in good repair; price \$70.00 cash; a bargain. C. L. Osborn, Sidney, Ohio.

FOR SALE—Two greenhouses, 16x24 and 16x50, hot water heat, all in good repair; dwelling, 11 rooms, gas, electric light, city water; good barn, all on same lot. Bargain; little cash. R. M. Roland, London, Ohio.

FOR EXCHANGE—I will exchange a No. 1 fruit farm of 169 acres in South Dakota for \$10,000 worth of ornamental trees, plants and shrubbery suitable for street and park planting. Address S. C. Barnett, 1201 Michigan Ave., Chicago, Ill.

WANTED—Good rose grower, same must also be successful grower of bedding stock; state age, references and wages; good wages to right party. Jos. Labo, Joliet, Ill.

FOR SALE—1000 feet or more of Hitching's 3-in. pipe, as good as new. Price 14c per foot, delivered on cars here. In lengths of 3 and 4 pipes each. Joseph Bradbury, South Orange, N. J.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in. guaranteed sound. W. H. Salter, Rochester, N. Y.

FOR SALE—Two greenhouses; a well established trade; land and stock and supplies; well situated in a city of 10,000 inhabitants; terms very easy. Address 20, care Florists' Review.

Sow Now FOR A SUPPLY OF PLANTS NEXT YEAR.
MUSA ENSETE (Abyssinian Banana)

We have a fine lot of New Crop Seed which if sown now will make fine plants by the end of summer and can be carried over in a cool house and be in proper shape to make specimen plants next summer. There is a steady and growing demand for these, prepare for it.
\$1.00 per 100, \$5.00 per 1000 Seeds.



PRIMULA, CINERARIA, PANSY and other Seasonable Seeds
are in stock in the finest procurable qualities.

HENRY A. DREER,
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PHILADELPHIA, PA.

Mention THE REVIEW when you write.

WANTED—A man handy with tools, for work about greenhouses; one with some knowledge of the business preferred; steady position to right party. Address M. T., care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age.
A Decorator and Designer second to none, with best references in the country, wants a permanent position.
Address Salesman, care Florists' Review.

Geraniums

Very fine, well-grown, clean stock, from 3-in. pots. Scarlet, White and Pink. Double and single sorts. Good short plants mostly in flower. **\$20.00 per 1000.**

10,000 Coleus

A fine lot of 2 1/2-inch assorted kinds, mostly **Verschaellita** and **Firebrand**. Good stiff stock, not drawn up or soft.
\$12.50 per 1000; \$1.50 per 100.
Cash please. Satisfaction guaranteed.

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STRONG PLANTS NOW READY. We can fill our complete catalogue collection of hundreds of the choicest Cactus, Decorative, Fancy, Show, Pompon and Single Dahlias.
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Try Our New 20th CENTURY COLLECTION
Send for our 1901 illustrated catalogue if you have not received a copy or have mislaid it.

W. P. PEACOCK,
DAHLIA SPECIALIST. ATCO, N. J.
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VEGETABLE PLANTS.

CABBAGE.—Wakefield, Succession, All Head, Early and Late Flat Dutch, Savoy and other varieties, 15c per 100; \$1.50 per 1000; \$8.50 per 10,000.
CELERY.—White Flame, Golden Self-Blanching and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000; \$2.00 per transplanting, 75 cts. per 1000.
EGG PLANTS.—N. Y. Improved, 25c per 100; \$2.50 per 1000.
PEPPER.—Bull Nose, Ruby King and Sweet Mountain, 25c per 100; \$2.00 per 1000.
TOMATO.—In var., 20c per 100; \$1.25 per 1000.
LETTUCE.—In var., 15c per 100; \$1.00 per 1000.
BEETS.—20c per 100; \$1.50 per 1000.

If any of the above are wanted by add 10c per 1000 plants. Cash with R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

ROSES.

From 5-in. pots at 5c, fine clean plants. Clothilde Soupert, Gen. Jacqueminot, La France, Coquette des Blancs, Coquette des Alpes, etc., Queen of the Prairie, same size, at 5c.
3-year, 30c; fine 2-year, dormant, or from 3-in. pots, 10c; fine 1-year at very moderate price.
CLEMATIS PANICULATA, strong plants from 3-in. pots, 10c. Packing free for cash.
W. H. SALTER, - ROCHESTER, N. Y.
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Mammoth Verbenas

Fine plants from flats, in bud and flower, 75c per 100.

CYCLAMEN Persicum and Giranturn, 2 1/2-in., ready for 3-in. pots, \$3.00 per 100.

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Twenty Thousand CHRYSANTHEMUMS...

Best standard varieties, good healthy plants, out of 2 1/2-inch pots, great assortment.
\$2.50 per 100; \$2.00 per 1000; 250 at 1000 rate. Cash with order.
CHAS. ZIMMER, West Collingswood, N. J.
Mention THE REVIEW when you write.

THE E. G. HILL CO.

Wholesale Florists,
RICHMOND, INDIANA.
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ORANGE, N. J.

Mr. William Duckham, of Madison, addressed his friends of the N. J. F. S. at their regular monthly meeting on June 5 upon "Some New Varieties of Plants," prefacing his remarks with the regret that the indispensable cut flowers had displaced those plants, once the joy of every horticulturist and known as regular stove or greenhouse plants. Among those mentioned and described were: *Areca Hilsemannii*, *Kentias Kusnetiana* and *Sanderiana*, *Licuala Jeanencyi*, *Linosydisi Petrickiana*, *Salmea Lancheana*, *Ludovia crenifolia*, *Draecenas Cantlaya* and *Victoria*, *Coleus thrysioides* and the new heliconias, which the speaker saw in England last fall, all of which he asserted were of great beauty and merited being extensively grown and would be when once they were more generally known.

Favorable reports were received from those co-operating with the society in their distribution of plants among the school children and the treasurer reported further donations of money since last meeting, which would cover all estimated expense attending this department of the society's work.

Resolutions condemning the wholesale destruction of trees upon the streets by telephone and telegraph companies ordered at the last meeting and adopted and their publication ordered after first soliciting co-operation of other civic societies.

J. B. D.

TARRYTOWN, N. Y.

At the meeting of the Tarrytown Horticultural Society, held May 30, the executive committee reported that the schedule was in the hands of the printer and would be printed in a few days.

Mr. Chas. E. Nossiter was elected to membership and Mr. Harvey, of Ossingning, was proposed. The exhibit of *Crataegus oxyacantha* received honorable mention. The president reported that Mr. Stenerson had left Tarrytown, causing a vacancy in the executive committee and Mr. Francis Palmer was elected to the position.

On motion the next meeting will be held June 20 instead of June 27 and a rose and strawberry show will be held the same evening.

Mr. Mooney, of Hastings, delivered a lecture on dracaenas and the discussion that followed was participated in by Messrs. Scott, Cockburn, Mooney and others. Mr. Mooney was given a vote of thanks for his lecture.

H. J. RAYNER, Cor. Sec.

SHELBY, O.—W. A. Hoffstodt, the florist, is reported to be organizing a stock company to build greenhouses for the growing of winter vegetables on an extensive scale.

OSAGE, IA.—The Gardner Nursery Co. has been incorporated with a capital stock of \$50,000. The incorporators are Chas. F., Clark E., W. C., Rosa M. and Grace B. Gardner.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2157.

CONSIGNMENTS SOLICITED.

No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

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GERANIUMS.

We have the following list of Standard and New Varieties, in 3-inch pots, at \$5.00 per 100

EXCELLENT STOCK FOR BEDDING.

Due de Montmartre—Double, velvety carmine.

S. A. Nutt—The best double crimson bedder.

Harvey—Double crimson, grown by many in place of S. A. Nutt.

Wm. Philzer—The best double salmon bedder.

La Fayette—Double white, the leader of its color.

Mme. Brunt—Single white, veined and bordered carmine.

Dr. Despres—Extra large double florets, bright scarlet with vermillion shadings.

Caesar—Rich red solerino, double dwarf and free.

Pierre Le Brun—Single bedder, deep rose, vein ed bright carmine, very free.

La Fayette—Very double dwarf, deep violet crimson.

Kieker—Dark violet, rich and striking, double, distinct in color.

Richeieu—Double, deep crimson, with dark orange center, extra strong grower.

M. A. Boris Aine—Very double crimson, sturdy, compact grower.

Sam Sloan—One of the best single crimson bedders.

M. Canovas—Double, brilliant fiery scarlet, one of the darkest Geraniums.

We also have large quantities of other seasonable stock, such as

CANNAS, CHRYSANTHEMUS, Etc.

For description and prices see issue of May 30.

NATHAN SMITH & SON, Adrian, Mich.

Mention THE REVIEW when you write.

ASPARAGUS.

Sprenger, 2 1/2 inch pots per 100, \$2.00

Plumous, " 2.50

Decumbens " 10.00

SMILAX.

2 1/2 inch pots, \$10.00 per 1000..... per 100, \$1.00

Coleus, 2 1/2-inch pots " 2.00

Vinca Vine, green leaves..... " 1.00

GERANIUMS, to close out, per 100, \$3.00.

CASH.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

NORWAY MAPLES,

3 to 4 Inches Caliper,
14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart,

perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, WILLIAM WARNER HARPER, Prop., CHESTNUT HILL, PHILA., PA.

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Burpee's Seeds Grow

..CANNAS..

LIST OF CANNAS:

A. Bouvier, Austria, Burbank, Chas.

Henderson, Florence Vaughan, Mme.

Crozy, Pres. McKinley, Pres. Cleveland,

Queen Charlotte, Chicago.

BOSTON FEENS of all sizes. Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,

199 Grant Avenue, Jersey City, N. J.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

SPECIAL OFFER FOR JUNE



Plant of Nephrolepis Wittboldii with 40 runners.

We have a specially large and fine stock of

Latania Borbonica,

and to reduce same quickly and gain needed room we will give **FREE** with Latania Orders **OUR GRAND NEW FERN** as follows:

With a \$10.00 order,
one Nephrolepis Wittboldii.

With a \$25.00 order,
three Nephrolepis Wittboldii.

With a \$40.00 order,
five Nephrolepis Wittboldii.

With a \$50.00 order,
seven Nephrolepis Wittboldii.

Our Latanias are fine sturdy stock that will please you and we offer them as below:

2-inch pots,	\$5.00	per 100.
3	"	8.00
4	"	20.00
5	"	35.00

They are exceptionally good value and you get the new Fern without extra cost.

We are still supplying strong plants of Nephrolepis Wittboldii, "The Great Fern of the Future," at \$1.00 each, \$10.00 per doz.

The GEO. WITTBOLD CO.,

1657 BUCKINGHAM PLACE,
CHICAGO, ILL.

4000 CHRYSANTHEMUMS 4000

Fine Healthy Stock.

MRS. J. JONES.....		Per 100
YELLOW QUEEN.....	2 1/2-in., \$4 50	
BERGMANN.....	3-in., 2.00	
ROBINSON.....		
GOLDEN WEDDING.....		
QUEEN.....		
IVORY.....		
SUNDERBRUCH.....		
VIOLESCENT.....		
MUTUAL FRIEND.....		
DIANA.....		

JUST WHAT YOU WANT.

50,000 Flower Pots, assorted sizes.
3,000 Carnation Supports, \$15 per 1000.

Write us your wants. Address
J. N. KIDD, - St. Joseph, Mo.
Mention THE REVIEW when you write.

Carnations.

NORWAY, EGYPT and GENEVIEVE LORD.

Other new and standard varieties.

Chrysanthemums.

TIMOTHY EATON, the biggest and most emotional white. Complete list of other new and standard varieties. Fine stock for immediate shipment. Send for price list.

H. WEBER & SONS, Oakland, Md.
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THE LARGEST FANCY CARNATION..... PROSPERITY.

A few thousand ready for immediate delivery. All orders filled in strict rotation. Prices for Rooted Cuttings - 1 plant, 50 cents; 12 plants, \$5.00; 25 plants, \$8.25; 50 plants, \$10.00
100 " 16.00; 250 " 37.50; 500 " 70.00
750 " 101.25; 1000 " 130.00.
Write for full description.
DAILLEDOUZE BROS., Flatbush, N. Y.
Mention THE REVIEW when you write.

Primulas, Plants, Etc.

Chinese Primulas, mixed and white, 2 1/2-in.	\$ 2.00
Smilax, 2 1/4 in	1.50
from flats	.25
Asparagus Plumosus Nanus, 3-in.	5.00
from flats	2.00
Geraniums, dbl. red, pink and white, 3-in.	3.00
Alternanthera, small pink, 2 1/2 in.	1.50
Dracaena Indivisa, 4-in.	10.00
California Ice Plant, for baskets, 2 1/2 in.	3.00
Geranium, Jean Vlado, 3-in.	10.00

Per 100

CASH-

THE MORRIS FLORAL CO., Morris, Ill.
Mention THE REVIEW when you write.

SOLD OUT.

Our stock of young Carnations is sold out. Place your order now for **FIELD PLANTS FOR FALL DELIVERY.** All the best varieties.
GEO. HANCOCK & SON,
Grand Haven, Mich.
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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention THE REVIEW when you write.

KANSAS CITY, MO.

Various Notes.

When trade is satisfactory and the sun shines brightly, man's wants from a business point of view ought to be pretty well supplied. The last week in May saw the closing of our schools and this, together with Decoration Day trade gave the florist plenty to do. The American Beauty was a favorite with the graduate at the commencement exercises this year. The giving of flowers on such occasions is evidently growing in favor here, the call being mostly for bunches of long-stemmed roses. The quality of the limited amount of home grown stock is as good as could be expected in this hot and dry climate.

Outside sweet peas are beginning to bloom but the handles are so short they can only be disposed of in design work.

J. F. Wilcox, Council Bluffs, Iowa, is sending some fine stock to this market, especially in American Beauties. They can not be duplicated here. Perfect bloom and foliage, and he knows how to pack them.

Society is doing its duty to the florist and the usual quota of events and weddings for this month are announced. A sweet pea decoration in which several thousand blooms were used was arranged by Arthur Newell last week. These flowers were shipped in from Chicago and received in splendid condition. Arthur is strictly up-to-date in the fashions and is wearing the shirt waist this summer.

When last seen by the writer W. L. Rock was the busiest florist in town with decorative work, having three large orders in one week. His new store is complete with modern fixtures, painted in white, and a 14-foot window gives Willie an opportunity to display original skill.

We are glad to announce that our able park superintendent, Mr. George Kessler, has been reappointed for another term of years.

W. J. Barnes secured the contract from the city for planting the pascos and parks with the summer bedding. H. J. M.

DU BOIS, PA.

The James Bros. erected a greenhouse on the property on South ave. and have grown a considerable quantity of vegetable plants and bedding stock this last winter. They are well pleased with the trade and contemplate enlarging their plant to double its present capacity this fall. They are near the churches and school buildings, as well as the cemeteries, and their central location makes it a good stand for trade direct from the greenhouse. Thomas, the oldest brother, has invested \$200 in a nice horse for the delivery wagon, and it is a beauty. Go ahead, Tom, an. good luck!

Decoration Day trade was good, notwithstanding the heavy rains during the week. GENISTA.

PROVIDENCE, R. I.—The weather has been such that everything in the plant line is one or two weeks behind. We had such a long cold, wet spell during April and May that nothing either out of doors or in is up to the standard. Coleus, salvias, etc., would not grow and even pansies are behind. We look for better things now that we have some sunshine again.

ROSE PLANTS

This stock is in fine condition and is sure to give satisfaction.

Our 3-inch American Beauty are extra fine plants and will be sure to give the best of satisfaction.

From 2 1/2-inch Pots.

Liberty, ¹⁰⁰ \$10.00 ¹⁰⁰⁰ \$80.00	Bride, ¹⁰⁰ \$2.75 ¹⁰⁰⁰ \$25.00	Meteor, ¹⁰⁰ \$2.75 ¹⁰⁰⁰ \$25.00	Golden Gate, ¹⁰⁰ \$2.75 ¹⁰⁰⁰ \$25.00	Kaiserin, ¹⁰⁰ \$2.75 ¹⁰⁰⁰ \$25.00
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From 3-inch Pots.

American Beauty, \$3.00 per 100; \$75.00 per 1000.
Meteor, Bride, Golden Gate, \$4.00 per 100; \$35.00 per 1000.
Kaiserin, from 3-in. pots, \$5.00 per 100, \$45.00 per 1000; 4-in., \$6.00 per 100, \$55.00 per 1000.

The Kaiserin from 3 and 4-inch pots are unusually large strong plants.

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

FOR LARGE ORDERS, SPECIAL OFFER.
 QUALITY STRICTLY FIRST CLASS.
METEOR Rose Plants, \$20 per 1000.
 Write for special price on large quantities.
 We also have Brides, Maids and Golden Gates, at \$20 per 1000.
J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

ROSES... FOR THE TRADE, SPRING OF 1901.

We have in shifting young roses, often. All stock offered in 2 1/2-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in., and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.
Meteors, Brides, Maids, Peries, La France, Kaiserin, A. V., Wootton, Belle Siebrecht, Pres. Carnot, Golden Gate, American Beauty, Liberty.

GEO. A. KUHL, PEKIN, ILL.
Mention THE REVIEW when you write.

Change Your Rose Stock

Strong, clean, healthy, well-established stock on own roots for June shipment.

800 Maids	} 3-inch, at \$5.00 per 100.
600 Brides	
1000 Meteors	} 3-inch, \$6.00 per 100.
500 Golden Gate	
300 Dorothas	} 3-inch, \$10.00 per 100.
500 Liberty	
800 Kaiserin	} 2-inch, \$3.00 per 100.
500 Carnot	

L. L. MAY & CO.
ST. PAUL, MINN.
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Roses.

Extra fine plants grown on their own roots for winter forcing.
Liberty 3-in. pots, \$12.00 per 100
American Beauty, " " " " 8.00 "
Brides, Bridesmaid, Meteor, Kaiserin, Mme. Hoste, Safrano, Golden Gates, Perte, Niphetos, Sunset,
3-inch pots, \$7.00 per 100.
15 sample plants (to florists only) \$1.00

Grafted Roses.

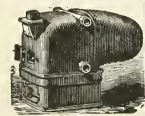
Liberty, 3-inch pots \$18.00 per 100
Brides, Bridesmaid, Golden Gates, Kaiserin, 3-inch pots, \$12.00 per 100.
10 sample plants (to florists only) \$1.00

J. L. DILLON, Bloomsburg, Pa.
Mention The Review when you write.

ROSES.

Gates, 2 1/2-inch..... \$3.00	3-inch..... \$5.00
Maids, " " " " 3.00	" " " " 4.00
Brides, " " " " 3.00	" " " " 4.00
Meteors, " " " " 3.00	" " " " 4.50
Beauties, 2 1/2-inch... \$5.00	

POEHLMANN BROS. CO.,
Morton Grove, Cook County, Illinois.



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233 MERCER ST., NEW YORK.
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 Send Four Cents for Catalogue. . . GREENHOUSE BUILDING

WHITE GOLDEN GATE!! WHITE GOLDEN GATE!!

This GREAT PRIZE WINNER SPORT from PINK GOLDEN GATE will not be sold to the trade until APRIL, 1902. It has won Prizes and Certificates wherever exhibited.

We want you to buy this rose in LARGE QUANTITY next year. You will do this if you KNOW it is the BEST WHITE ROSE. It is what you KNOW, not what the other fellow SAYS. You can KNOW in advance of purchasing. How? By buying a few PINK GOLDEN GATE plants from ourselves or some other grower and testing them this season. We will sell you ONE HUNDRED PINK GOLDEN GATES, five months' old plants, not weak, measly, late-rooted cuttings, for TWO DOLLARS!! Sample plant mailed for ten cents. Not more than one hundred plants will be sold to a single grower, as our stock for sale is limited to about ten thousand plants.

After ten years' struggle PINK GOLDEN GATE is today the most popular and the most profitable rose in commerce. Every grower of it is increasing the number of plants in his benches. You will, therefore, be testing at a very low cost a rose with an established record, and not an UNTRIED seedling at a FANCY price. The average rose grower will never again be flim flammed with fake roses. If the PINK GOLDEN GATE suits you after this trial we KNOW you will buy the WHITE SPORT OF GOLDEN GATE next year because you will KNOW it is the BEST WHITE ROSE for forcing purposes.

AMERICAN ROSE COMPANY, Washington, D. C.

Rose Plants

GOOD, HEALTHY STOCK.

Kaiserin Augusta Victoria,

3-inch..... \$4.00 per 100; \$35.00 per 1000.
2-inch..... 3.00 per 100; 25.00 per 1000.
Cash with order.

Martin A. Magnuson,

3309 N. Western Ave., CHICAGO, ILL.
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Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

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Send to **THE MOON**
Company
For { Trees, Shrubs, Vines,
Your { and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE W. M. H. MOON CO.,
Morrisville, Pa.

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Florists' Review
When Writing Advertisers.

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We can still furnish in well established plants, from 3-inch pots, of the following varieties of Cannas:

AUSTRIA, Large Yellow.

ALSACE, Creamy White.

APHRODITE, Salmon Edged Yellow.

BRONZE SEEDLING, Bronze Foliage, Currant Red Flowers.

FURST BISMARCK, Fine Large Crimson.

F. NEUVESAL, Soft Carmine, Bronze Foliage.

FLORENCE VAUGHAN, Standard Yellow.

GIGANTEA, Bronze Foliage, Carmine Flowers.

Mlle. BERAT, The Best Pink.

ROBERT CHRISTIE, Bright Orange Red.

SOUV. D. PRES. CARNOT, Vermilion Scarlet, Bronze Foliage.

All the above at \$5.00 per 100 or \$40.00 per 1000.

Henry A. Dreer, Philadelphia, Pa.

Mention THE REVIEW when you write.

Perle Roses.

FINE
THRIFTY
PLANTS.

From 2½-inch pots, \$3.50 per 100; \$30.00 per 1000.

WM. B. SANDS, Lake Roland, Baltimore, Md.

Mention The Review when you write.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
520-535 Caxton Building,
334 Dearborn Street, Chicago.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified advertising which will be found there under their proper headings.

American Rose Co. 77-89	Ambling, E. C. 76	Andorra Nurseries, 86	Barnard, W. W. & Co. 63	Basset & Washburn, 76	Benley & Co., 76	Berger, H. H. & Co., 62	Berning, H. G., 76	Brant & Nee, 77	Brinkerhoff & Barnett Engraving Co., 90	Buckley Plant Co., 77	Budlong, J. A., 76-88	Burpee, W. Atlee & Co., 86	Chicago Carnation Co., 77	Cincinnati Cut Flower Co., 76	Classified Advs., 78	Cook, John, 66	Cottage Gardens, 65	Craib & Hunter, 77	Critchell's, 85	Crowl Fern Co., 66	Cunningham, Jos. H., 86	Dalledouze Bros., 81	Dietsch, A. & Co., 91	Dillon, J. L., 88	Dorner, F. & Sons Co., 87	Doyle Co., J. A., 66	Dreer, H. A., 68-80-92	Eiler, John G., Secy, 77	Finley Lawn Rake Co., 92	Florists' Supply Co., 90	Garland, F., 76	Garland, F. M., 92	Gibbons Co., H. W., 91	Giblin & Co., 92	Greene & Underhill, 77	Hall, W. E., 77	Hancock, Geo. & Son, 87	Heacock, Jos., 66	Heiss, J. H., 89	Hear, Albert M., 66	Hill Co., F. G., 85	Hippard, E., 90	Hitchings & Co., 88-90-92	Hunt, E. H., 76	John, E. B., 66	Kastig, W. F., 63	Kellogg, Geo. M., 77	Kennett Bros. Co., 63	Kentucky Tobacco Product Co., 91	Kidd, J. N., 87	Kroeschell Bros. Co., 92	Kuehn, C. A., 76	Kuhn, W. P., 83	Lager & Hurrell, 66	Long, D. B., 86	Lord & Barnham, 82	Magnuson, M. A., 89	May, L. L. & Co., 88	McDonald Bros., 91	McKellar & Winter-son, 77	Moore, W. H., 89	Moon Co., W. H., 89	Morris Floral Co., 87	Putnam, W. P., 83	Pennock, S. S., 86	Pittsburgh Cut Flower Co., 86	Poehlmann Bros. Co., 76	Pullworth Co., C. C., 76	Quaker City Machine Works, 92	Randall, A. L., 76	Rawlings, E. I., 66	Reed & Keller, 66	Began Ptg. House, 92	Reinberg, P., 88	Rice, M. & Co., 66	Robinson, H. M. & Co., 77	Rupp, John F., 66	Salter, W. H., 88	Saunders, W. B., 89	Seillio, Adam, 92	Schultz, W., 92	Skabeura Dip Co., 91	Smith, N. & Son, 86	Soltan, Chas., 91	Thorburn, J. M. & Co., 90	Tobacco Warehouse-Ing & Trading Co., 91	Washburn, R. & Son, 85	Wabash Ry., 91	Weber & Sons, 87	Welland & Risch, 77	Whilldin Pottery Co., 90	Whitton, 85	Victor Bros., 76	Wilks Mfg. Co., 92	Wirthold Co., 90	Zimmer, Chas., 85
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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

WHILLDIN POTTERY CO.
JERSEY CITY LONG ISLAND CITY
PHILADELPHIA

STANDARD FLOWER POTS

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JOHN & MONINGER CO. 110 to 125 BLACKHAWK ST. CHICAGO.
FOR HAWTHORNE AVE.

WRITE FOR CATALOGUE



STANDARD.
Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use.
Send for Catalogue of Specialties.

Duplex Iron Gutters.
Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 2 inches of shade. No drip whatever from glass or gutter.

E. HIPPARD, - - Youngstown, Ohio.
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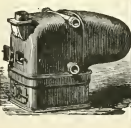
Sod Crusher and Pulverizer.
They will save you the amount they cost you in one week. No. 1, \$10.00; No. 2, \$15; No. 3, \$25.
Send for Catalogue and Testimonials.

The Florists' Supply Company, North Tonawanda, N. Y.
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THE BEST IN THE U. S.
You have the best paper in the United States to advertise in. I had to refuse lots of orders.—J. L. ELLIOTT, Bethlehem, Pa.
PLEASE send us the news of the trade in your vicinity.

WHEN YOU WANT Engravings made
send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.
Brinkerhoff & Barnett Engraving Co.
300-306 Dearborn St., CHICAGO.

INCREASED SALES ONE-THIRD.
We are very much pleased with the results we have received from your valuable paper and shall always continue to keep our advertisement in it. We are sure that our advertisement in your paper has increased our sales among the florists and nurserymen one-third.—S. WILKS MFG. CO., Chicago.



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233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus
Send Four Cents for Catalogue.
Mention THE REVIEW when you write.

DES MOINES, IOWA.

Various Notes.

Trade is not brisk by any means. The spring planting is about over and still there are plants on the benches. We walked into a store last week and saw 2 1/2-in geraniums, tall, lean and lanky, by the hundred, in bloom, marked: "Your choice, 5 cents." We thought, "Well, they are not worth more, but why raise such stuff and annoy the other fellow who raises good goods."

We called at Marshall's the other day and found him as lousy as ever. His field ornamentals are looking fine, especially when one considers the backward spring. Since my call at Mr. Marshall's I learn that he has taken a well earned rest at Lake Okibaji, where he hauled in a 34-inch pike. Now this isn't a fish story.

I saw in your last issue that you had information from Des Moines that the Park Board had appropriated \$12,000 for trees and shrubbery. I am gardener in one of the parks and our club president, Lambert, is custodian of the other, and we have seen nothing of them. I think if your informant had left off about three naughts from the right hand side of the figure he would have been nearer correct.

Our parks are looking very well this spring. One noticeable feature of bedding at Union Park is a calendar of alternantheras, which marks the light of time and attracts attention and brings comments from the visitors. One comment recently heard from one of the park hands was that "it was all right, but it would be better if the gardener would only move it ahead three or four days, so that pay day would come sooner." J. T. D. F.

JOHN EVANS GETS IT.

Mr. Challenge Ventilator Evans, of Richmond, Ind., will soon be sent to the new United States prison at Atlanta, Ga. This will no doubt be sad news to his many friends among the florists, and we hasten to add that he will be released as soon as he has put in 100 of his ventilating machines which have been purchased by the government through Messrs. Griffiths, Wells & Griffiths, the Chicago contractors. It appears that a fine finish cannot be put upon specimen transgressors of the law, without good ventilation, and that's where John comes in—but he don't stay in.

DUQUE, IA.—A. L. Glaser, who bought out Nicholas Mettel last February, will rebuild one house 16x65 and will build three new houses 20x85. Also a glass entrance and show place 20x35. This will give him a total of over 12,000 feet of glass. The new houses are for cut flowers. Mr. Glaser reports business excellent this spring. Had a big trade for Decoration Day. Mr. Mettel has retired from the business entirely.

The annual flower festival of the city of Cologne on the Rhine three years ago has developed into an important event. A young lady relative of the immortal Goethe has been chosen flower queen. The festival is a feast of flowers and poetry. The prizes to the writers of the best verses are elaborate floral arrangements.

HENRY W. GIBBONS COMPANY

(INCORPORATED)

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STEAM and HOT WATER HEATING and VENTILATING MATERIALS. IRON FRAMES FOR GREENHOUSES.

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HEALTHY PLANTS

FUMIGATE WITH

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THE BEST OF ALL

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A few words in regard to your classified ads. Last year, late in the season, we had a surplus stock of some considerable thousands of asters on hand, and had about concluded the season was over, but your classified ads, coming to our notice, although we are rather conservative in regard to new things, we concluded to try them, as the rates were so reasonable that there could not be but a small loss if we received no returns. The effect was that we closed out all the stock and returned some cash to customers whose orders we could not fill.—A. & G. ROSBACH, Pemberton, N. J., June 11, 1900.

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MCDONALD BROS.,

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For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

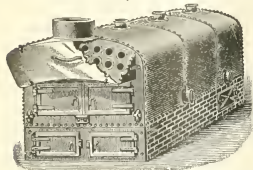
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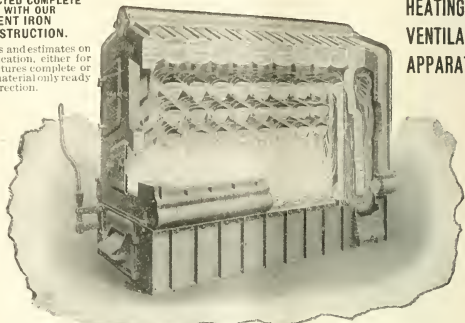
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It is as great a step forward as was the lawn mower.

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Will do the work of three men by the hand rake. A child can run it.

No person who has a lawn can afford to be without this labor and grass saver. Two sizes—20-inch, \$12.00; 14-inch, \$10.00 net, F. O. B. Joliet. Two colors—vermillion or dark green.

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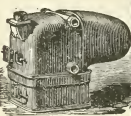


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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, JUNE 20, 1901.

No. 186.

Cycas Revoluta

Dormant Stems. The LONG LEAF variety only handled.

NEW IMPORTATION JUST ARRIVED.

Per 100 lbs.... \$8.00 Per 1000 lbs... \$70.00
Per 500 lbs... \$37.50 Per 2000 lbs... \$130.00

Please state with order what size wanted, from 1/4 lb. to 30 lbs.

Prices on all SUMMER, FALL AND WINTER BULBS cheerfully given by

F. W. O. SCHMITZ, JERSEY CITY, N. J.

ROSES Best and Cheapest in the market.

All Shipped from 2 to 2 1/2 and 3-inch pots.
Splendid Roots and Pine Plants.

500 Golden Gate.....	2 1/2-in. pots,	\$2.25	per 100.
1000 Bridesmaids, 2 1/2-in. pots,	\$20 per 1000,	2.25	"
200 Perles.....	2 1/2-in. pots,	2.25	"
400 Kaiserin.....		2.25	"
400 ".....	3-in. pots,	3.00	"
250 La France.....	3-in. pots,	3.00	"
200 ".....	2 1/2-in. pots,	2.25	"

CASH WITH ORDER. GEO. A. HEINL, TOLEDO, OHIO.

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And all kinds of Season-
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Also dealer in Florists' Supplies
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The narrow leaved, tall growing variety.
Blooms 10 days earlier than the regular Longiflorum.

7-9 in. bulbs, 100 per cent. single crown,	per 100, \$4 25;	per 1000, \$38 00
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Primula Sinensis Fimbriata, Extra Qual-
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Cineraria Grandiflora and **Calceolaria Grandiflora**,
Prize Strains, per trade pkt., 50c.

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SEEDS FRESH SEEDS FRESH SEEDS

Asparagus (True) Plumosus Natus.....	100	1000
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Calceolaria Hybrid Grandiflora Maxima, about 500 seeds, 2c.	Calceolaria Hybrid Nana Grandiflora, about 500 seeds, 2c.	Calceolaria Ranzosa, Shrubby Calceolaria, packet 25c
Cineraria Hybrid Grandiflora Maxima, in most brilliant coloring, giant flowers, packet 500 seeds, 2c.	Cineraria Hybrid Nana, dwarf, pkt 500 seeds, 2c.	3 pkts. for \$1.00.
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PANSIES, best strains, French, German, Scotch, in separate colors, white, black, yellow, blue, red, bronze, striped, in all sorts named. Giant, Trimaudeau, Odier, Cassier, Bugnot, any of these, 100 seeds, 2c.; 500 seeds, \$1.00.		

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Now is the time to secure your stock for next season at a low figure.

Extra strong plants from 3-in. pots of the following sterling novelties and standard varieties at \$4.00 per 100.

Due de Montmart, Marie, N. A. Nutt, Marcel, Wm. Pfitzer, La Favorite, Mme. Bruant, Dr. Despres, Caesar.	Pierre Le Brun, Le Fayette, Kleber, Reichen, M. A. Boirie Aime, Sam Sloan, Canovas.
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Also fine stock of the above and others, from 2 1/2-in. pots, at \$2.50 per 100, \$3.00 per 1000.

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ASPARAGUS PLUMOSUS,

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Pot plants ready for delivery July 1.
Send for sample plant.

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GLRANIUMS good collection, 2-in., \$2.00 per 100, 3-in. \$3.00 per 100. Dnie, fringed Pet-mias, choice, 2-in., \$2.00 per 100. Cypripetia Japanica (Japan Cedar), 2 inch, \$3.00 per 100. Asparagus Sprengeri (seedlings), \$1.00 per 100.

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Dreer's Aquatic Nurseries,
HEADQUARTERS FOR AQUATIC PLANTS
OF ALL KINDS.

These may be planted during any summer month, but June is best. We furnish choice plants of *Nymphaeas*, Tropical day and night flowering varieties, *Nelumbiums* of all kinds, and the Queen of Water Lilies, *The Victoria*, which should not be planted out until last of June unless artificial heat is supplied. We gladly give any information desired, both as to plants and construction of ponds, large or small.

HENRY A. DREER,
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HARDY HERBACEOUS PLANTS.

— REASONABLE —

EDWARD B. JACKSON
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Importers and Manufacturers,
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Catalogue for the asking.

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Arrived in fine condition the following Orchids:—*Miltonia Canadica*, *Oncidium Crispum*, *O. Sarcodes*, *O. Varicicolum Rogersii*, *Zygopetalum Mackayii* and *Z. Cristatum*.
First class Peat, Moss, and Orchid Baskets always on hand.

Lagar & Hurrell, Growers and Importers, Summit, N. J.
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XXX SEEDS

Not to be compared to cheap imported seeds
CHINESE PRIMROSE—Finest known; large flowering fringed, 15 varieties, single and double, mixed; 500 seeds, \$1.00; half pkt., 50c.
PANSY, Finest Giant—Extra fine; the best of the mammoth flowering varieties, critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.
CINERARIA—Choicest large flowering dwarf varieties, mixed; 1000 seeds, 50c.
JOHN F. RICE, P.—Whiremanstown, Pa. The Home of Primroses.
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25,000 ROSES

in 2 1/2 and 3-inch pots, now ready for putting in benches. Send us a list of your wants and we will take best care of them. Write
GEO. A. KUHL, Florist, Pekin, Ill.

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NEW CROP NORTHERN DAGGER FERNS now ready, 75c per 1000. Galax Leaves, green or Bronze, 75c per 1000. Laurel Festooning, 4c, 5c and 6c per yard.

Special attention given to orders for Weddings, etc.



CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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To Close Out GERANIUMS,

in 2 1/2, 3 and 4-inch. Make offer.
Fine Line of Cannas, Begonias, Etc.
Write **GEO. A. KUHL, Pekin, Ill.**
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750 BRIDES, 1 1/2 and 2-in. pots, 650 MAIDES, \$1.50 per 100.
1st-Class. Want to close out quick. You will have to hurry, and don't forget they are cash with order.
McDONALD & STEELE,
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JOSEPH HEACOCK,
GROWER OF

Fine Palms,

For Price List
SEE PAGE 45, JUNE 6th.

REED & KELLER,

119 & 122 West 25th St., NEW YORK, N. Y.
Manufacturers of Florists' Wire Designs,
Importers and Dealers in Florists' Supplies,
Galax Leaves and all Decorative Greens.
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PANSY Plants.

Fine strain of large blooming Pansies, small plants, 50c per 100, but \$1.00 per 1000, by express. Cash with order please.

Charles S. Dutton, Wholesale Grower of HARDY HERBACEOUS PLANTS,
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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

THE RETAIL FLORIST.....

School Closings.

School graduating or commencement time, which occurs the latter part of June, deserves very serious consideration by every florist in the country. Times ago it was made more of a floral feast than it is today. To our mind, school graduating time could and should be made the occasion of a great floral display, and it needs but a little energy and some show of encouragement to accomplish wonders in that direction. There is scarcely a village, town or city where the school could not be made the scene of some kind of a flower show on the last day at school. This would do more good than offering free flower shows and scientific papers to a few staid old people or enthusiasts, such as is the average attendance at the monthly gatherings of many horticultural societies of today. It seems to us that the public school yard affords a greater field for doing good than the college campus; for it deserves more consideration, for it is the greatest factor in the development of the country and its resources.

Our mind's eye is looking back to a recent show held at the New York Botanical gardens. There four small children exhibited a collection of wild flowers that exceeded in beauty all the other exhibits; it was an object lesson to the oldest gardener attending. How much of such valuable work could be done almost everywhere with simple lessons in botany that would attract closer and indestructible friendships originating with child life and wayside flowers? It is ridiculous for any florist to try and convince himself that his business can ever be separated from sentiment, because his business depends on that often fickle ingredient of human makeup. A flower given to a child can never produce an unpleasant impression in the mind of that child's parents, and our dealings with the schools can but produce a similar mark on the public.

We advocate giving special inducements for school trade which comes at a time when all kinds of flowers are so abundant that many of them find their way to the wholesaler's rubbish box, or at best scarcely pay for their expressage. Now is the time when even the cheapest kind of work can be made up at a profit. Many who come to your store asking for the most expensive flowers would be far more satisfied could they be assured that a larger display of cheaper flowers would not only be more to the purpose but more satisfactory, and more important still, to their pocket.

A well-arranged basket or bunch would do more than all verbal arguments, and in almost every place it would be advisable to make up a few special school baskets. No need for expensive baskets, that is where mistakes are made. The cheapest you can get in plain colors, with high and low handles, these should

be twisted with ribbon and on the bow streamers at one side you can paint the name of the intended recipient with date, etc. Blue and pink ribbons are the favorites with the majority of children. Red, white and blue flowers can be put in a basket trimmed with blue ribbons, but the same cannot be done where pink is used. An unlimited number of styles and combinations can be made without transgressing the laws of good taste; almost any kind or color of flowers can be used providing they are arranged in clusters and with a proper regard to color harmony. Simple flowers and simple arrangements are most consistent with school life, but ribbons, and an abundance of them, can be used in this class of work, for girls especially are mostly passionately fond of ribbons and there is an added attraction about them when they are commemorative of their graduating days.

The greatest care should be taken in making your show piece or sample basket of one color, and better still, one kind of flower, and it will catch the public eye quicker if the basket be entirely covered with silk; surah silk and taffeta ribbons always match well. Satin ribbon is not appropriate unless it be of the very narrow sizes. Wreaths of roses will also form a beautiful feature of this year's exercises; they must be made very light to wear on the head, and be tied in the back with a rosette or bow of very narrow ribbon. Large, loose bunches of roses, carnations and mixed flowers can be made up very attractively, but roses will always lead in popularity, and with the great crop of outdoor flowers this year there is no reason that with the lateness of the season the greatest satisfaction cannot be given on even the smallest order.

We feel it is unnecessary to enumerate the hundred and one different things that can be done. There is no need to hunt up the rarest flowers in the orchid house for school purposes, for they cannot be expected to be appreciated at anything like their value, and they are, if anything, more out of place there, even where there is an inclination to exact the highest price from a customer—'twere better to suggest quality in roses. There is no sense in recommending extraordinary size in anything sent as a compliment to a graduate, for in very few cases it is possible to employ carriages, and in many more respects heavy, clumsy baskets are more of a nuisance than a pleasure. The small low handle basket or the bunch are most appropriate.

In many colleges and classes they have specially recognized colors, and it is the duty of every florist to not only be acquainted with these colors but to give them prominence whenever possible, by doing so you show a compliment which rarely fails to give satisfaction. There can be no half-way colors or compromises in your dealings with organized

bodies; you must make your selections in daylight and with the most critical regard to what is right. There can be no place for horseshoes or any kind of set designs in school floral work, and no matter how great the pressure, try to escape being guilty of instilling into the youthful mind unpleasant or superstitious impressions. In the play called "Capt. Jinks" the author has intentionally given the florist's trade one of the greatest satirical blows we know of. The silliness and inappropriateness of floral designs are shown in the most humiliating style; possibly they may be improved on when reviewed, but as we saw them they were awful.

We once attended the opening of the United States Senate, and we must say we have often seen better taste displayed in the designs sent to the opening of some politician's rum shop. Horseshoes may be very suitable when used in connection with the race track, but they scarcely look in the right place on the desks of the Senate at Washington. The same may be said of harps, lyres, stars and the many funny things seen there. No doubt ignorant politicians are responsible in a way, yet they are not altogether to blame. Some florists we know have a craze for set designs, they delight in the manufacture of incongruous things and would consider it entirely wrong to talk a customer out of ordering such; so it is with the galax-leaf fiend who is so acutely afflicted that he can see nothing else and recommends them for all occasions. They are both enemies to the advancement of floriculture.

Your arrangement of flowers intended for school purposes should be specially educational. You need not be an authority on harmony of color to do what is right. Your safest plan is to avoid artificiality as much as possible. Flowers are beautiful in themselves; it is only our duty to do our best to arrange them so they can display all their charms, but a more important matter than their artistic arrangement is their profuse dissemination. Every class room in every school should have its vase of flowers, especially on the closing day. Children have retentive memories, and the future of the florists' trade depends on their continuing to love flowers. Some effort should be made every June to ease some of the millions of wasted flowers cast some pleasure and much educational influence on at least the poor children of every city's slums. No possible estimate can be placed on the great good they would do. Try it, as we have done, and the memory will remain well alive.

IVERA.

DISEASED GERANIUMS.

Last year about 25 per cent of my single Grant geraniums became diseased—that is, the leaves were deformed and they did not throw any flower spike, and this year 75 per cent are affected the same way, while about 20 per cent of my double Grants came blind. Last year we put in a new stock of Grant, but they have proved worse instead of better, while the other varieties are all right. The soil is all the same and the Grants are fine bushy plants of good color, but they will not bloom. Can some one tell me what the trouble is?

D. H. C.

I don't think there is anything the

matter with the soil. I have seen single Grants get into this flowerless state. A few other varieties are liable to get some trouble with the foliage. One of the worst is Emile d'Girardin, which we have discarded because so large a proportion came this way. Briefly, I will say that geraniums should at all times have a rather heavy loam, be firmly potted, and at all times have the very lightest of houses. It is useless to

propagate from stock that is affected in this way. Throw it away and begin with something new and healthy, and propagate from flowering shoots always and no other. There are so many good geraniums that will flower in spite of any bad treatment that it is not worth while growing varieties that are inclined to be affected with this trouble, which is, I have no doubt, bacteria.

WM. SCOTT.

in this way and they also come in for propagating as you can give them a rest during the winter months.

Ampelopsis.

In some parts of the country there is yet a great demand for Ampelopsis Veitchii, but it is surprising how many visitors to this city, particularly from the west, ask us what that vine is that is seen on so many houses. It may not be hardy in extreme northern states, but with us it is perfectly hardy and after once getting hold of the wall no more attention is ever needed, except to keep it from covering the windows.

I have often recommended your sowing the seed in the spring. I hope you did so, as we find seedlings just as good as the plants raised from cuttings. We have a number now in 2-in. pots which we shall soon put into 4-inch and support them with a stick and grow them inside. They make good, strong plants by September, when they should be put into a frame and hardened off. You are sure to have some spare bench room and they will make far better growth inside than out. Don't make the mistake of keeping them indoors until November and then putting them out suddenly to get a hard frost, for although a hardy plant they won't stand that and a cold-frame is the right place to winter them. Wherever new houses are being built there will be a demand for this hardy climber.

Cyclamen.

When next winter comes you may or may not regret that you have neglected your cyclamen, which is almost unequalled as a winter blooming plant. If you have passed through the last month without neglecting them there is no excuse after this. The firms that grow the

MISCELLANEOUS SEASONABLE HINTS.



Smilax.

If you grow smilax you should plant every season. You may have a bed looking very well just now and you may think it is a shame to throw it away, but if you don't you will regret it before the season is over. I have always recommended planting smilax as early in July as possible and then, with good management and sufficient heat, not less than 60 degrees at night, you ought to be able to cut four crops; one in October, another at Christmas, another at Easter and the final one in summer before you throw the old bed away. Smilax does well if grown in six or eight inches of soil, and the soil should be a heavy loam, well enriched. I have tried it in a sandy soil and it was by no means as good as the heavy loam. Smilax needs no fine built houses because light is not essential, but heat you should have or it is unprofitable.

Asparagus.

You may be planting Asparagus plumosus this year. Some years ago I learned to my sorrow that it is a great mistake to plant asparagus in anything but mother earth. Don't have a plank or anything between the soil and the ground. I would not say that asparagus has to be planted every year, yet I believe there is more profit in the new bed the first year than there is any succeeding year. Sixty degrees at night suits asparagus very well and it deserves a better house than smilax. The principal thing is plenty of head room or you do not get the long strings. We now sow a few thousand seed every spring which we use for ferneries. There is nothing better than a small plant in a 2½ or 3-inch pot for a fernery. It will outlast many of the ferns and is always graceful and pretty.

Begonias.

You will soon have time, I trust, to pot up and take care of the flowering begonias that were propagated in March or April. We find many of the species of begonias amongst the most useful plants for sale in the fall when people want something for their conservatories and there is no better plant for the house or small conservatory than several of the showy begonias. Some of them want pinching till about August and then should be allowed to grow naturally and are then in fine condition in October and November.

Cannas.

Cannas seem to have sold this year better than ever and I see no reason why they should ever lose their popularity for they are about the finest decorative plants we have for the grounds. Many of you will have sold out of good varieties. It is much cheaper to buy now if possible and grow them yourself than it is to wait and buy the stock next winter. Give them a good, deep, rich soil where you can get at them with the hose, as they delight in plenty of water and you want to raise as large a root as possible. We usually pot up a number of cannas after the busy season is over, say three plants in a 10-inch pot, and grow them in the houses. For a cheap decoration during September and October there is nothing finer than a well grown canna and they are a change from the everlasting palm. You can use them



Cypripedium Parviflorum.



Liliun Rubellum.

largest specimens give them a mild hot-bed during the summer. If you will be sure and never neglect them in this position there is no doubt but what you can get a larger plant, but you can grow as good cyclamen in light houses where there is abundance of ventilation. I would advise always to have the pots planted during summer if kept on a bench.

The greatest enemy is green fly. There never should be any let-up in fumigating and to help this some tobacco stems strewn among the leaves will be a great preventive of green fly. A light syringing should be given every morning and by no means ever let them suffer severely for want of water. Once thoroughly dried out to extreme and it is all off. Constant waterings is the secret of growing good cyclamen as it is with many other plants.

Pelargoniums.

It is a long time since I have said anything about the show pelargoniums, but a splendid exhibit by C. W. Ward at the Pan-American, which has attracted a great deal of attention, makes me believe that these plants will come again into fashion. We grew them by the thousand twenty-five years ago and made money by it; then for years we could scarcely sell one and the last two or three years I have even been discouraged because people will not give any more for them than they will for a zonal geranium. In a few weeks their bloom will be gone, but they have been gorgeous for the past month.

If you grow any, as soon as they are out of bloom they should be kept rather on the dry side after the first of July till

the end of August or beginning of September, when the old plants should be cut severely down; that is, cut down to within a few eyes of last year's growth. They will break out and make a growth where no buds are seen. I will have something to say about their propagation later. In the meantime after the flower is entirely gone keep them rather on the dry side.

Fuchsias.

Don't forget to select a couple of plants of the best varieties of your best fuchsias and shift them if they need it and plunge them out of doors. You will need them for stock plants next winter.

Mignonette.

If you grow mignonette it will soon be time to think about sowing the seed. I believe in sowing it early in July. Undoubtedly a solid bed in a cool, light house is the ideal way to grow it, but if this is not convenient it will grow in five or six inches of soil well enough for all purposes. The mignonette does not transplant very well, but if carefully done it is all right. You can, however, either sow a few seeds in the bed and when they are up select the strongest or you can sow a few seeds in a 2-inch pot and thin them out and transplant the best later. One foot apart is plenty close enough for each plant. Why you should sow early is because it pays better at Christmas than any time and if you don't get the seed in July you will not have good spikes by Christmas.

The Boston Fern.

There is no doubt the Boston fern is among the most beautiful plants of re-

cent introduction. We never seem to have enough. There seems to be a change in the method of growing. The best growers now do not plant it out; they have a few of the plants on a bench and from these take the runners. But the plants intended for sale next winter are better grown in pots. Give them a rich soil and plenty of pot room and do not give them a shaded house. A very slight shade will not hurt them but they will stand the broad sun if well supplied with water. You cannot fill your spare benches with anything more profitable than the Boston fern.

Palms.

Florists who raise a few palms should have time very soon to give them the very best of attention. They may have been crowded while your houses were full of bedding plants but now they should be given a good place and plenty of room. Shift if needed and keep well syringed.

While the kentia, the most beautiful palm, will easily burn under poor glass they should only have shade sufficient to prevent burning. The kentias we too often see drawn up by being grown in a great heat and crowded. Give your plants plenty of room while you are at it and they will broaden out and make better plants than you can buy.

It pays well to put all your young palms in a house by themselves. On dull, cold days or cold nights you can have a little fire, which will help them very much. I do not mean by this a heat that is going to force them up, but just enough to keep a nice warm circulation about them.

WILLIAM SCOTT.

THE SMALLER YELLOW LADY'S SLIPPER.

(*Cypripedium parviflorum* Salisb.)

The early settlers of this country gave a much more expressive and appropriate name to this pretty orchid. They called it the Moccasin Flower, from an Algonquin word for the usual footwear of the red man, which the strange flower greatly resembles in shape and color. Perhaps the Indians themselves gave the flower this name, and that it was adopted by the whites. However the name originated, its fitness is at once apparent to any one who ever saw a moccasin.

That this interesting plant and its larger fellow *Cypripedium pubescens*, can be successfully grown in the garden is proved by the group in the illustration. Last year it had four or five fine blooms; this spring it produced a dozen! Unless they receive protection in suitable locations these rare and beautiful plants will speedily become extinct in this region. Like the Indian and the bison, they will become only a tradition. Chicago. JOHN HIGGINS.

LILIUM RUBELLUM.

I send herewith a photograph showing five spikes of *Liliun rubellum*, which were cut on May 15, from plants growing here on my lily farm. The bulbs of these lilies were only the remainder or refuse of our last year's exports, and I was surprised to get such lovely flowers from these shrivelled up bulbs.

Liliun rubellum grows here in the northern part of the Island of Nippon,

from whence come all the rubellum bulbs which are exported. Needless to say the climate there is much cooler than here in Yokohama, and therefore these lilies are particularly well adapted for our home climate. Mr. Peter Barr, the famous narcissus cultivator of London, who, during his stay in Japan made a special study of the same, in a letter to me says:

"When in New York, 1898, I saw 'The Garden' plate of this lily and thought it a form of *Lilium Krameri*, but since seeing *Lilium rubellum* flowering in Japan I consider it a good species and am sure it will be extensively cultivated when better known and its culture understood. I cannot conceive of anything more beautiful than a 5-inch pot with three plants of this lovely lily in flower in the month of April or early in May. It is one of the earliest lilies, flowering a month earlier than *Lilium Krameri*. It grows about one foot high, compact and elegant, the color of the flower is more or less that of *Lilium Krameri* but the height is about one-third and the leaves shorter and paler green.

"I feel, therefore, no hesitation in recommending that *Lilium rubellum* in pots should be grown in poor, stony, sandy loam with at least two inches of drainage, and very judiciously watered from the time of potting. The soil must be kept moist but never wet and success will be sure to follow. Out of doors I would recommend a northern or eastern aspect and failing this, plant under deciduous bushes where the roots in winter will keep the bulbs comparatively dry and shade the plants from the hot sunshine in April and May.

"I think you should caution your clients against exposing the bulb to a dry atmosphere; the scales are thin and soon shrivel, therefore if they cannot be potted up or planted out at once, they should be buried in dry soil or placed out of doors in a northern aspect where they will take no injury from the weather and the bulb kept plump."

ALFRED UNGER.

Yokohama, Japan.

CARNATION NOTES.

Cultivating.

I have had occasion several times to speak of cultivating the carnations in the field, but now that the weather is quite hot and we are likely to have a long dry spell at any time I want to remind you of the importance of keeping the cultivator going. Cultivate after every rain just as soon as the soil is fit to work and if it does not rain for a week or more go through them again at least once each week.

Don't get the idea into your head that the soil will not bake except after a rain if it is not cultivated. You need only examine the soil to see your mistake; you will notice a hard dry crust all over the surface after several hot days after you cultivated them and especially is this true if you worked the soil when it was just a trifle wet, but even if the soil was in good condition a week of hot sunshine will take all the moisture out of the top inch or so and a crust is formed, though not as hard as if the soil had been wet. This crust must be kept broken up, the oftener the better. Keeping the surface loose allows the moisture to come up from the bottom

and to rise up in the air to keep the atmosphere in a good growing state.

Plants need moisture in the air; they breathe just as well as they do in the soil around the roots. Have you never noticed how much cooler it seemed in the field just after you finished cultivating and how much fresher the plants looked? A good cultivating is as beneficial as a good watering. Go over first with the hoe several times in a season and hoe out the weeds from between the plants and loosen the soil right in the row where the cultivator can't reach. Be careful not to throw the soil up around the plants as it will cause stem rot.

Look after the pinching closely so none of the plants are allowed to grow straggly. Some varieties will not need topping any more, while others will need it for some time yet. You must study your varieties and stop topping the late bloomers soon, as late topping will cause them to come into crop late in the fall, but keep all blooming shoots off of them until you house them in the fall.

A. F. J. BAUER.

SHIPPING PLANTS.

There are lots of people all over the country in the wholesale florist business who at times have to send out plants to fill the many orders they receive. Wouldn't it be rather a wise thing on their part to send them in light boxes, strong enough to be safe, but not built of old flooring boards, 2x4 scantlings and spikes? Express companies in their requirements that the plants shall be properly boxed and crated don't say that you shall build bull-proof fences around the plants to insure the 20 per cent discount, so that cannot be used as an excuse for the extraordinary packing that is done, not by small concerns, but some of the largest concerns in the country. Any old box will do to ship in provided the party ordering has sent the money with his order and has no recourse against the shipper except to write a letter to him, and if the shipper feels like answering it at some future date, he does so, but in the majority of cases the letter goes into the waste basket, with the remark that "that fellow is either a crank or a kicker."

When express charges run up in the neighborhood of \$2 per 100, it is not a pleasant thing to find that the box weighs about double the amount of the plants. If the shipper would consider the time wasted in building these bull-proof cases and the amount of nails put into each one, he would find it would have been much cheaper to have secured a light, practical box for his shipping. There is no large center in the country but where there is a dealer in second-hand boxes, who will furnish any quantity of light boxes, well made, so that there can be no excuse made that they could not get boxes.

If this little note as to the building these styles of boxes would strike some of our big shippers, it would save a great deal of unnecessary cursing by the little florists who have to pay the express charges on yellow pine and scantlings. Piano boxes are good enough to ship pianos in, and do well for heavy machinery when not used for pianos, but they are mighty costly things to ship plants in when the express charges are counted in at rates of from \$1.50 per 100 pounds up.

BOXES.

BUFFALO.

We have had a week of very fine warm weather good for everybody. The plant business is growing to a close and it has been a good one. I think everybody is satisfied. There has been a great demand for palms for summer decoration.

There has been undoubtedly a good demand for all kinds of flowers and they are well cleaned up at the end of every day. Sweet peas seem about the only flower that seems to be too abundant. Mr. C. F. Christensen contributed to the stock of plants this year and, considering the late beginning he had, succeeded in working up a splendid stock of geraniums and other bedding plants. On raising good market plants he is a past master.

Our parks have still enlarged the area of flower gardening and Capt. Braik turned out a great lot of plants. We think, however, the one in supreme command has chosen some spots for isolated flower beds that would have looked better if left with the green sward. A little circle a half mile away from another bed looks forlorn and should be very large to be effective.

The nurserymen's convention at Niagara Falls on Wednesday and Thursday last brought a good many to our city and to the Pan-American. I regret I missed several who favored me with a call. Mr. Nelson Bogue, of Batavia, was well pleased with his beds of roses. Mr. Meehan, Jr., of Germantown, Pa.; L. C. Bobbink, of Rutherford, N. J.; James W. Withers, of New York; Orlando Harrison, Berlin, Md.; Mr. Duncan, representing Parsons & Son; Mr. Carl Cropp, of Chicago; F. J. Rumpelton, of Ridge-wood, N. J.; and many others escaped me.

Pan-American Notes.

The advent of real summer weather has much increased the attendance and you now see people from every state of this big country. Very little remains to be done and that little mostly around the territory devoted to the different state buildings. The dedication of several of them the past week were grand affairs for those participating. Mexico opened up in grand style and so did Michigan. Today the New England building opens up with a reception and a very beautiful place it is. There have been several additions to the outside displays and a few days more will see every bed filled.

The Spanish Iris exhibited by Clucas & Boddington are just opening. They are beautiful and orchid-like flowers. The hybrid roses planted by Ellwanger & Barry and Nelson Bogue, about 4,000 bushes of all the leading varieties, are just opening a grand lot of buds and will be very attractive for the next two or three weeks. Conard & Jones, of West Grove, Pa., have planted two large beds of cannas. W. Atlee Burpee & Co., of Philadelphia, have several beds of begonia of the Vernon type and some new varieties of coleus. John N. May, a bed of summer blooming roses. Henry A. Dreer has added more beds to their already large exhibit, among others a fine lot of *Hydrangea paniculata*. J. C. Vaughan has filled seven or eight beds with new cannas and a fine bed of *Sonpert* roses, also one of *St. Louis salvia*, said to be very fine. Mr. Heinrich, who has worked very hard over



Bed with center of Crotons.

the large display of Peter Henderson & Co., has about got things in shape. It is a fine and well laid out plot and shows off most everything in the way of implements needed for the maintenance of a garden and one carpet bed. The Chadborn Ventilating Co. have just completed the ventilation in the north conservatory. Their automatic system can be seen working in perfect order.

There is good opportunity here to make the acquaintance of many interesting and uncommon herbaceous plants. Besides the splendid collection of Henry A. Dreer, many of which are now flowering, Mr. Ulrich has planted on the island and on the borders of the shrubbery, many thousands which embrace a great assortment. Whoever sees the Rose Garden next week will see a bed of Crimson Rambler roses about 1,500 square feet that will be a bright spot indeed. It is one of the many exhibits of Frank R. Pierson. W.M. SCOTT.

BED OF CROTONS.

The accompanying engraving is from a photograph taken last week of a bed in Lincoln Park, Chicago, in which crotons are a prominent feature. The bed is, of course, newly planted, and there has as yet been no opportunity for growth.

Another novelty introduced this year by Head Gardener Stromhaek is a bed of acalyphas. It is a circular bed with a palm in the center and the rest of the bed planted solidly with Acalypha Macaefana. Assistant Gardener Smith says, however, that it is slow work getting up a stock of this acalypha, and that any one who imagines they can be propagated nearly as readily as coleus will find he is mistaken.

WELL PLEASED.

I was well pleased with the returns from the classified ads., and enclose another.—E. I. BRADLEY, Murphysboro, Ill.

ST. LOUIS.

Club Meeting.

The St. Louis Florists' Club held a most enjoyable meeting last Thursday afternoon in the Commercial Club rooms at Belleville, Ill. The rooms were nicely decorated with roses and sweet peas for the occasion. It was by far the largest attendance the club has had this year. Edwardsville was represented by Fred Ammann and Henry Blixen, with them came Fred Rohrkaste and "Brother" Schmidt; Webster Grove, Mo., by Chas. Cannon, Sr.; Central, Mo., by John Steidle; Kirkwood, Mo., by "Billy" Winter and H. G. Ude; Detroit, Mich.; by Harry Balsley. Those from St. Louis were C. C. Sanders, representing the Florists' Exchange; R. J. Mohr, The American Florist; J. J. Beneke, The Florists' Review; Theo. Miller, Frank Fillmore, Carl Beyer, Emil Schray, Fred Meinhardt, F. J. Windt, C. A. Kueln and Chas. Juengel. Belleville was represented by E. W. Guy, Dr. A. S. Halstedt, Adolph Fehr, Gus Grossart and Henry Emundt.

The meeting opened promptly at 3 o'clock. The exhibition committee reported that the \$500 Shaw prizes had been secured from the directors of the Missouri Botanical Garden and that \$1,000 more would come from the flower-loving public. The prize list will be out in a week or ten days.

The transportation committee reported that the rate to Buffalo at present is \$19.25 for the round trip, but that it would be cheaper by this time next month. Those who are going to the convention are requested to send their names at once to J. J. Beneke. All names must be in by the next meeting of the club in July.

The picnic committee reported that the annual outing of the club will take place at Preister's Park on Thursday, July 18. Further particulars may be had from

the trustees of the club, who have the matter in charge.

Harry Balsley, of Detroit, was called upon for a few remarks on flower shows and Buffalo. Harry stated that all florists should attend the convention, as they would see something they never saw before and that it was a grand sight. On flower shows he told us how the Detroit and Indianapolis boys run their shows, which was very interesting to all the members. A vote of thanks was tendered Mr. Balsley for his remarks.

President Guy stated that the next meeting of the club will be a very important one. There will be the nomination of officers; convention matters and the annual outing will be discussed and he expects all the members to be present. The meeting will be held in the Odd Fellows' building at 3 p. m. The meeting then adjourned.

Those who went home early missed a good time. We had lots of fun at the bowling alleys and the good things to eat and drink and smoke were as plentiful as flowers at the wholesale houses. All visiting florists wish to extend their thanks through the REVIEW to the Belleville brothers for the pleasant time they had.

The Market.

The past week was quite a busy one for the florists, caused by quite a large number of June weddings and the closing of the schools. The West End florists had most of the wedding orders and the downtown stores had most of the school work. It was a very good thing for us that there were plenty of flowers in the market to supply all demands. This about winds up the school commencements and weddings and while there are to be a few more of the latter before the 1st of July the demand for flowers from this source may be considered over for this season.

The great supply of carnations and sweet peas still keeps up and so many come in that the wholesalers find it im-

possible to sell them all even at any old price. The supply of roses here also been good and the demand better. Candidum lilies have made their appearance and are in good demand.

All outdoor stuff is selling slowly and much of it goes to waste for want of demand. So long as roses, carnations and sweet peas glut the market these conditions will remain. The price of stock advanced a point the past week owing to the extra demand.

Carnations sold from \$1 to \$1.50 per 100; in 1,000 lots about 75 cents. Roses of the best quality being \$3 to \$5 and the seconds from \$1 to \$2 per 100. Beauties are scarce and the best quality are quoted at \$2.50 per dozen and from that price down to 30 cents per dozen.

Candidum lilies are selling from 10 to 12 1/2 cents per stalk and are of good quality. Sweet peas, almost any price will buy them and they can hardly be quoted; 50 cents to \$1 per 1,000 is about the price at this writing. New fancy ferns are now coming in and are quickly bought up as they are much better to work than the common dagger ferns. Smilax has had a good call all of the past week at \$12.50 per 100 strings.

Notes.

Herbert Heller, of the South Park Floral Co., New Castle, Ind., was in town the past week attending the wedding of one of his friends. Herbert looks well and his many friends in the trade here claim that he will soon return as the attraction in the West End is hard to resist.

Harry Balsley, the red 'pot man from Detroit, was also a visitor. Harry looks the same as ever. This is his first visit to St. Louis since the convention in 1893.

Will Adels is now a benedict. He was married last Wednesday to Miss Emma Gusoskey. Quite a number of presents were sent by his many friends among the craft and the bowling club of which he is a member. They will be at home to their friends at 1422 Newhouse avenue, after this week.

Miss Theresa Badaracco will leave this Wednesday for West Baden Springs for her health. Miss Theresa expects to be gone a month or more. In her absence young Emil Arado will attend to the wants of the trade.

Wm Bouche the past week planted some 50 mulberry trees for the Corticelli Silk Co., to be used during the World's Fair as feed for silkworms for their exhibit. This is the start of the exhibitions for the World's Fair of 1903.

Bowling.

Eight members of the bowling club were at the alleys Monday night and rolled four games. Some good rolling was done by Ellison, Kuehn and Kunz, they being now in championship form. The others will have to show improvement to roll at the convention. The scores were as follows:

	1	2	3	4	Tot. Av.
A. Y. Ellison.....	182	158	171	...	511 370
C. A. Kuehn.....	172	152	176	...	506 369
J. W. Kunz.....	157	176	137	...	643 361
F. C. Weber.....	132	132	176	...	570 343
J. J. Benzke.....	150	137	117	...	396 299
John Young.....	140	125	139	...	404 335
W. Adels.....	148	121	111	...	486 325
F. M. Ellis.....	82	111	99	...	412 103

J. J. B.

DIXON, ILL.—O. L. Baird, the florist, was married June 19, the bride being Miss Margaret Thompson, formerly of Morrison, Ill., but who has for the past eight years held a position in the high school here. The wedding trip will be to Buffalo in August at the time of the S. A. F. convention.

BOSTON.

Trade Conditions.

There is nothing of a particularly encouraging nature to report. There is such an enormous lot of material coming in that it taxes all efforts to keep the surplus down to reasonable proportions and the assistance of the street vender is invoked to carry at least one-half the product. There is probably as much store trade going on as can be expected but it hardly seems so because of the plenty of material left.

I was mildly criticised a few days ago because I do not say more about prices in my weekly (or shall I say "weekly?") effusions. But I fail to see any value connected with quotations of prices at which goods have been selling, and no one can tell what prices are going to be in the future. One day even sometimes makes quite a difference in some lines, due largely to Old Sol's influence. And there are so many qualities of the same kind of goods and so many prices by different men upon the same quality and so many prices by the same man to different customers that the subject is a hard one to keep up with. If a man is a regular visitor to any wholesale establishment of the city he knows figures as well as any one can tell him and if not a regular visitor prices will change before he gets there, so there you are again!

This is a particularly hard time to locate prices, too, but low figures have the call on everything. Beauties sell all the way from 25 cents to 83 per dozen, and Liberties scale exactly with them as the Wood Co. have some of the best ever grown at the latter figure. Meteors are selling at from \$1 to \$8 per 100, there being no very heavy ones just now. Maidens, Brides and Kaisers are going at from 50 cents to 88 per 100 and Perles are very scarce at about the same price. Pinks sell at from 25 cents to \$1.50 per 100; both pinks and roses being represented heavily on the street. Lilies are plentiful at 4 to 6 cents and there is an irregular display of both outdoor and indoor goods all for small money.

Various Notes.

It seems Mr. Walsh has been running a matrimonial bureau at the Park street gardens in connection with his manifold duties. Successfully, too!

"Mike" Shea, F. C. Becker's foreman, is also foreman in the wedding march, being married a few evenings since. Next comes John Clark, foreman for Charles Evans; Hermann Bartsch, foreman for Wm. Edgar; Dell Cartwright, on the selling force of the E. M. Wood Co.; and Carl J. Dane. Rumor also points at W. H. Knapp, Arthur Kidder and J. J. Johnson's man Charnock as being about to accept degrees at Mr. Walsh's college. J. S. MANTER.

CHICAGO.

The Market.

The market is glutted with flowers of all kinds. One dealer says that never before in his business experience has he seen so many flowers in the market in June. And in carnations there are many of good quality, but in roses the grade averages very low. Prices on the average run of stock are practically unquot-

able. At the same time prices on shipping grade are up to those of last week and a lot of the great mass coming in the dealer often has great difficulty in picking out enough of shipping grade to fill what few orders he gets.

Lilly the market is practically in the hands of the fakirs and they are in clover. State street is lined with them and they are selling enormous quantities. But it makes one feel for the growers to see clean up sales of carnations, often including very good flowers, made at as low as five cents a bunch of 25 flowers. The fakirs retail these on the streets at 10 cents a bunch and it is astonishing the number they dispose of. One fakir alone bought 649 bunches of carnations from one house last Tuesday.

It is not a pleasant picture to contemplate and it sets one to wondering what the final result will be.

One fakir who has two stands sold last Saturday 700 bunches of carnations, 3,000 tea roses, 400 dozen peonies and 1,750 cape jasmines. As a sample of his profits he bought the peonies at 10 cents a dozen and retailed them at 25 cents. The expense of running his stands was about \$7.00 a day each and while he wouldn't say just what he made Saturday he admitted that during Friday and Saturday he cleaned up about \$100 net.

Another one who has two stands sold last Saturday 200 bunches of peonies, 3,000 Beauties and 250 bunches of carnations, and his profit on the two stands was over \$60. But of course it is comparatively rare that conditions are so strongly in their favor and they are making hay while the sun shines.

To one of these Greek capitalists we humorously put the stereotyped query: "How do you like America?" His response was: "America is all right." We should think it was, when the Greeks come here without a dollar and soon have thousand dollar wads to play ball, the races, or back theatrical ventures with.

Various Items.

A meeting of the Florists' Club will be held tomorrow (Friday) evening at the usual place.

Kennett Bros. Co. are receiving some remarkably fine white peonies. Their receipts of carnations last Tuesday mounted up to 35,000.

Mr. A. L. Vanghan, who has for the last few years acted as western representative for the New York firm of Hageman & Meyer, has associated himself with the firm of E. H. Hunt and will devote his energies to their bulb and supply departments. He has many friends in the trade who will be pleased to again meet him as a representative of "The old reliable."

Walter Kreiting & Co. did a very pretty decoration at the Washington Park Club last Saturday and last Monday arranged another handsome decoration at the Chicago Club. Peonies were a prominent feature at the latter.

The front of the fine double store at 181 and 183 State street, under the Palmer House, is completely covered by a huge sign announcing that Jos. Fleischman, the New York florist, will on Sept. 14 open there one of the finest floral stores in the world.

Wm. Blackman, Evansville, Ind., and

J. A. Evans, Richmond, Ind., were recent visitors.

The Marquise Litta rose is certainly a good keeper. A dozen blooms given us by Mr. Washburn, of Bassett & Washburn, last Tuesday were still in fair condition on Saturday though merely in a vase on a table in a dwelling and no ice at any time.

Greek met Greek on Randolph street last Tuesday. During the meeting one put his foot through the side of the other's glass case and in return got a flower jar broken over his head. The melee drew a large crowd which looked sympathetically at the broken case and proceeded to buy out the stock of flowers, probably under the impression that the youthful Greek was the sole support of a large family of widows and orphans, etc., whereas his "roll" was probably bigger than that of the whole crowd combined.

The parents of E. F. Winterson left for the Pacific coast last week and were due to arrive last Tuesday. They go to the bedside of his unfortunate brother John, who was so seriously injured as reported last week.

Bowling.

In the seventh series of league games, played last Tuesday evening, the Growers gave short count to the Retailers in two games, while the Retailers got a job lot in one game. The Wholesale pushed the Seedmen three games deeper and the latter's chance of terminating very small. J. S. Wilson pocketed one of those dollar prizes with a score of 204. The scores follow:

GROWERS.

N. A. Schmitz	.....130	214	168
Jno. Paulus	.....153	147	183
W. Kreiting	.....129	129	114
G. Stollery	.....189	183	179
F. Stollery	.....131	163	147
	787	737	791

RETAILERS.

Geo. Asmus	.....153	127	127
E. Hauswirth	.....129	119	118
P. J. Hauswirth	.....146	193	168
O. Kreiting	.....148	126	94
C. Balluff	.....156	162	133
	723	707	640

WHOLESALEERS.

E. F. Winterson	.....158	148	148
G. L. Grant	.....163	132	140
W. S. Heffron	.....119	125	142
Geo. Hughes	.....124	126	116
Jno. Sterrett	.....124	128	142
	674	679	686

SEEDSMEN.

Jno. Degnan	.....138	154	133
J. S. Wilson	.....112	126	294
L. Winterson	.....89	120	110
M. Foerster	.....106	114	121
	536	628	678

The teams now stand as follows:

Growers	.....	Won.	Lost.
Wholesaleers	.....	15	6
Retailers	.....	9	12
Seedsmen	.....	3	10

Below we give the averages to date of those who have played in more than three series of games, omitting fractions where less than one-half and counting more than one-half as one:

Games, Total, High, Av.

Jos. Foerster	.....28	3,925	232	189
F. Stollery	.....21	3,453	202	164
G. Stollery	.....21	3,444	199	164
Geo. Asmus	.....18	3,420	201	164
C. Balluff	.....21	3,352	214	169
E. F. Winterson	.....18	2,818	202	156
John Degnan	.....21	2,784	197	145
F. Matti	.....21	3,178	185	151
P. J. Hauswirth	.....18	2,790	195	150
E. Hauswirth	.....20	2,769	197	146
N. A. Schmitz	.....18	2,559	181	142
John Paulus	.....21	2,947	183	140
W. Kreiting	.....15	2,750	184	118
C. Hughes	.....13	1,654	150	138
W. S. Heffron	.....20	2,517	164	138
O. Kreiting	.....15	2,750	184	118
O. Kreiting	.....18	2,126	154	113
C. W. Scott	.....17	1,955	168	113
W. Nagle	.....13	2,262	168	106

At a meeting after the games it was decided that the John A. Evans prize, a fine bowling ball, should go to the player making the highest average in the games, and he must have played not less than 24 games of the 36.

The five shirts offered by E. F. Winterson are to go to the five highest men in the final roll-off by the twelve highest in the present league series.

The winning team in the present series is to receive \$7.00 and the next highest \$5.00 in cash from the club.

George Asmus offers a box of good cigars to the man making the largest percentage of spares in not less than ten games during the series.

Of the prizes offered by G. L. Grant, a dollar for each score of 200 or more, six have been won and paid, and the offer stands good for the remainder of the present series.

NEW YORK.

Business.

Nothing of great importance to place on record from this city this week. The season continues to be very backward and the general impression is that we will have an unusually cold summer. Such may be most welcome to those condemned to stay in the city, but the summer resorts will suffer from much inactivity. There is the usual exodus to Europe, every steamer leaving New York is packed with humanity among which is a fair sprinkling of florists, but an early return is anticipated in order to attend the Buffalo Exposition.

The most prominent of the June weddings, that is those at which any considerable quantity of flowers were required, seem to be about over and in consequence the cut flower business is extremely dull. It is true there are not a great quantity of greenhouse grown roses coming in, but there are immense quantities of outdoor stock; you can buy roses all the way from \$5 per 1,000 up, and as for carnations there is a wave of them coming in; they can be bought at from \$2.50 to \$5 per 1,000. Paeonies, that is the common sorts, could be had for \$1 per 100. A correspondingly low price for all outdoor stock, and the greater part of present day work is made from material grown outdoors. Sweet peas have not been overplentiful and valley keeps up fairly well; it is selling at \$3. There are some very nice Victorias, La France, Carnots and Meteors coming in, especially to Thomas Young, Jr. They will be well worth having later on when all is burnt up outside.

Various Items.

We do not hear of any very material changes in the stock to be grown for next season. From all accounts the same few sorts of roses will at least constitute the great glut. The wise and wealthy, however, are preparing to grow more American Beauties. It seems that after all that is the best paying and most popular rose on the market in this section. New houses are being put up for them and the prospects are there will be a much larger increase next year. Oh, if gluchs were only cheaper some parts of the country would be faking with it and then wouldn't the fakirs have a bully time.

The long expected affair between Paddy Smith, of John Raynors, and one of the O'Donnollans, of Connaught, has come to a climax and may it always be serene. Marriage seems to be more or less epidemic among the wholesalers of late, at least four of the boys went off in one street quite recently; that is one indication that business must be good. There's no telling what will occur after the club's summer outing, which event is about the most important in the near future. It comes at a time, too, when almost all can get away and employers will never

have a better chance to trim their cup-plates.

There are but few changes in the retail section. The new center of high class florist trade is from Forty-first to Fifty-eighth street on Fifth avenue. There promises to be some great work in that locality next winter. There are seven large stores there and all are swell.

Jimmy Carroll, Fleischmann's manager, has gone to Atlantic Highlands, N. J., for the summer; he has designs against the fish in the Shrewsbury river and intends going in for the golf championship.

Ed Jensen has returned from his trip to Europe and has brought with him whatever basket novelties were worth considering.

Sam Butterfield has gone to size up the Pan-American show, and possibly will make a trip to his former home in Jamestown.

Bowling.

Bowling is on the quietus in New York, but there will be a good team at Buffalo, a team it will be hard to beat. Out at Flatbush on Tuesday night there was lots of fun and quite a crowd. The alleys there are very poor. The team wishes it understood that there will be a change on Brother Scott's alleys. The series rolled over:

E. Dauldeouze	.....144	183	Raynor	.....161	163	129
P. Dauldeouze	.....138	136	Worner	.....115	180	124
P. Dauldeouze	.....121	105	C. Zeller	.....75	109	91
D. Mellis	.....97	103	Schmitz	.....211	130	111
A. Zeller	.....149	105	Bunyard	.....143	115	88
Stewart	.....109	83	Donlan	.....114	124	
Woecker	.....143	133	125			

J. I. D.

PHILADELPHIA.

The Market.

The cut flower market has now advanced into the summer condition. Festivities are nearly over for the season and stock generally is of rather poor quality. There is still some demand for first-class flowers, which will probably keep up throughout the summer, but this demand is light and uncertain and prices rule low. Many of the growers are emptying and cleaning their houses so that there is not any quantity of choice roses.

The best Beauties and Liberties bring from \$1.50 to \$2 a dozen; Kaisers, \$6 for 100; good Carnots, Maids and La France, \$3 to \$5 per 100, with very few selling at the higher figure. Carnations are tremendously overdone, prices range from 40 cents to \$1.50 per 100; \$1 buying very fine flowers. Sweet peas are also in over-supply. It is probable by a time these notes appear that they will be as hard to sell as carnations, 35 cents to 50 cents per 100 are the prevailing figures. Peonies will be over this week. The growers say they have been poor stock this season.

Coreopsis has made its appearance, and is in light demand. It will soon be followed by the rest of the summer contingent. D. B. M. Felton, of Sixty-ninth and Haverford streets, grows this class of stock. His list includes Phlox Drummondii, larkspur, sweet williams, pyrethrum, marguerites, asters, hardy phlox, etc.

Plants.

The season for planting out of beds is practically over and the growers of this class of stock are now getting their stock

plants out and cleaning up their houses. The season has been an exceptionally good one.

David Cliff, Main and Johnson streets, sold off cleaner than ever before. He notices a good demand for cannas Austria and Italia, and for scarlet sage, Bontire (or Clara Bedman).

Various Items.

Fred Ehret has been receiving very fine roses from J. Andre, of Doylestown, Pa. The returns have evidently been satisfactory, for this grower is now building a new house.

The demand for cut flowers at the commencements has fallen off this season. There have been other unsatisfactory features in connection therewith. Several bouquets ordered for the University of Pennsylvania class day were not admitted to the Academy of Music and although then sent to the students' boarding houses were never received. One order eventually found its way to the university hospital and the florist received a note of thanks for his donation!

Charles B. Stahl had his horses stolen on the evening of the 12th inst. The horses were found downtown next day minus the harness, which has not been recovered.

Mr. Rice, of M. Rice & Co., is returning from Europe with a quantity of novelties in florists' supplies.

Charles Fox, Broad and Thompson streets, had a large wedding decoration on Wednesday of this week; one of the kind of orders that enables Mr. Fox to show what he really can do.

The Pennsylvania Horticultural Society held its June meeting on Tuesday. There were fine exhibits of hardy roses and sweet peas brought out by a great variety of prizes. The exhibition remained open on Wednesday for the benefit of the general public and it was well worth seeing.

PHIL.

NURSERYMEN'S CONVENTION.

The twenty-sixth annual convention of the American Association of Nurserymen was held at Niagara Falls last week with over 200 members present. President Theo. J. Smith in the chair. Wm. C. Barry, of Ellwanger & Barry, extended a welcome to the visiting members, to which A. L. Brooke, of Kansas, responded. President Smith read his annual address and referred mainly to the future conduct of the business of the association. The treasurer's report showed a balance on hand of \$2,232.13.

Professor L. H. Bailey, Ithaca, N. Y., gave a talk on "What Becomes of the Nursery Trees?"

The transportation committee reported having obtained a reduction in the southern freight rates of from 25 to 100 per cent. Irving Rouse reported on behalf of tariff committee that special efforts should be made to secure fair appraisements at ports of entry. C. L. Watrous, chairman of the legislative committee, gave details of efforts of that committee to ward off initial legislation.

Officers were elected as follows: President, Robert C. Berkman, Augusta, Ga.; vice president, R. J. Coe, Fort Atkinson, Wis.; secretary, Geo. C. Seager, Rochester, N. Y.; treasurer, Charles L. Yates, Rochester, N. Y.; executive committee, Peter Youngers, Nebraska; M. W. Hale, Knoxville, Tenn.; William Pitkins,

Rochester, N. Y. Next place of meeting Milwaukee.

Resolutions were passed condemning proposed free distribution of nursery stock by the federal government and asking legislative committee to use its influence to combat the proposed action. A resolution was also adopted regretting the absence of Hon. N. H. Albaugh on account of illness in his family.

SEED TRADE CONVENTION.

The annual convention of the American Seed Trade Association was held in Rochester, N. Y., last week, and it was a notable gathering.

Among those present were the following:

Frank H. Battles, Rochester, N. Y.; Roland Belgian, Washington, D. C.; Alfred J. Brown, Grand Rapids, Mich.; L. J. Correll, Ottawa, Canada; Lewis Childs, Floral Park, N. Y.; E. F. Crossland, of Robert Evans Seed Co., Hamilton; Everett B. Clark, Milford, Conn.; C. Clifford, Clifford E. Clark, Milford, Conn.; G. N. Davis, of Albert Dickinson Co., Chicago; O. H. Dickinson, of B. L. Bragg Co., Springfield, Mass.; John E. Decker, of John H. Alban Seed Co., Three Mile Bay, N. Y.; J. H. Ford, Ravenna, Ohio; W. H. Grenell, Saginaw, Mich.; Leonard, of Leonard & Mann S. Gilbreath, of Illinois Seed Co., Chicago; Robert George, Storrs & Harrison Co., Fairview, Ohio; Peter Holmback, Chicago; Job S. Hande, of L. Templin & Sons, Calla, Ohio; E. Kendel, Cleveland, Ohio; L. A. Kelly, Cleveland, Ohio; A. B. Lamberson, Portland, Ore.; Leonard, Chicago; L. May, St. Paul, Minn.; Albert McCullough, Cincinnati, Ohio; G. B. McVay, of Amzi Rodden Co., Birmingham, Ala.; E. J. Penick, of the Pacific Seed Co., Greene, N. Y.; George H. Parvin, Cincinnati, Ohio; Charles N. Page, Des Moines, Ia.; S. M. Pease, Cape Vincent, N. Y.; J. C. Robinson, Waterloo, Neb.; Winfield Roelker, New York City; H. M. Schister, St. Louis, Mo.; Richard F. Stecker, New Orleans, La.; Frank Seibert, Crown Point, Ind.; E. J. Shear, of Isebell & Co., Jackson, N. Y.; W. W. Templin, Calla, Ohio; W. W. Temple, Calla, Ohio; George W. Tilton, Cleveland, Ohio; Charles H. Vick, Rochester, N. Y.; S. F. Willard, Wethersfield, Conn.; W. Woodruff, Woodruff, Orange, Va.; W. Wood, Richmond, Va.; Mel L. Webster, Independence, Ia.; F. P. King, of Mandeville & King, Rochester, N. Y.; George Crossman, Rochester; William Briggs, Rochester; C. P. Woodruff, Rochester; Edward F. Dibble, Honore, Penna.; Y. H. H. Morgan, of Frank E. White Co., Chicago; R. C. Steele, Toronto, Can.; E. F. Crossland, Toronto, Ont.; W. C. Lambirdge, of Jerome E. Rice & Co., Cambridge, N. Y.

The early sessions were held in the Powers Hotel, but later ones were in invitation, held in the Chamber of Commerce. President Albert McCullough in his address reviewed the correspondence had during the year with the department at Washington regarding the free seed distribution evil and later further action was taken looking to its abatement.

The following new members were elected: August Roelker & Sons, of New York city; Joseph Kelling, Jr., Elyria, O.; A. Tilton & Son, Cleveland, O.; The Page Seed Co., Greene, N. Y.; The Briggs Bros. Co., Rochester, N. Y.

The delegates were welcomed to the city by the mayor and his address was responded to by Mr. C. L. Allen. The report of Treasurer Willard showed a balance on the right side. The report of the nomenclature committee was read and the suggestions made were adopted. The report of the committee on postal laws, postage on seed catalogues, etc., presented some valuable suggestions regarding proposed modifications in present laws governing postage on seed catalogues.

J. E. Northrup, of Minneapolis, read a paper on "Inconsistencies," reviewing some abuses which have crept into the trade. Alfred J. Brown's paper on "Contracts" went quite thoroughly into the subject, and provoked an interesting and spirited discussion, participated in by Messrs. Grenell, Robinson, Allen, Cory-

ell, Wood, Northrup, Clark, Mandeville, May and Dibble; and flowing out of the discussion on motion of Mr. Wood a joint committee of six, to be selected half from the growers and half from the dealers, was constituted to confer and report not later than October next to the executive committee, which shall at their meeting next January promulgate the conclusions if it approves.

Secretary Willard read a paper by A. J. Pieters, of the division of botany, department of agriculture, Washington, D. C., which provoked considerable friendly discussion, and a vote of thanks was returned the writer. In connection with this paper attention was called by one of the members to the display at the Buffalo Pan-American made by the agricultural bureau. The title of Mr. Pieters' paper was "A Plea for a Standard Grade of Guaranteed Seeds." F. H. Eberling made a statement of certain abuses in the matter of high duties and irregular valuations in the matter of customs on imported seeds, bulbs, etc., and Mr. Leonard reported that there was promise that a remedy would be soon found and applied so as to place fewer technical restrictions on the entry of seeds from abroad.

Other papers were: "Factors Pertaining to Plant Life," by C. L. Allen, Floral Park, N. Y.; "Celery; Varieties and Sparging Habits," S. F. Willard, of Wethersfield, Conn.; "A Little Space from Massachusetts," O. H. Dickinson, Springfield, Mass.; "Kafir Corn," A. G. Trumbull, Kansas City.

On Wednesday afternoon the visitors were given a trolley ride about the city and in the evening there was a theater party for those who desired and a smoker for the others at the Rochester Club.

The election of officers resulted as follows:

President, Jesse E. Northrup, Minneapolis; first vice-president, S. F. Leonard, Chicago; second vice-president, F. H. Eberling, Syracuse; secretary-treasurer, S. F. Willard, Wethersfield, Conn.; assistant secretary, A. M. Clark, Milford, Conn.; executive committee, Albert McCullough, W. S. Gilbraith, H. W. Johnson, M. S. Griffith, Mel Webster; membership committee, H. W. Wood, H. M. Schisler, G. B. Clark.

JOLIET, ILL.

Mr. I. M. Phillips, superintendent of the factory of the Finley Lawn Rake Co., died June 18 of Bright's disease after an illness of about four weeks. He was in the prime of life and was a man of wide experience and native ability. He was the mechanical head of the concern and unquestionably ranked as high as any other man in this community of machine shops and institutions. Mr. Finley feels the loss very keenly, as he has lost a friend as well as a valued business associate.

CAN'T DO WITHOUT IT.

Could not do without the REVIEW. I enclose draft for \$1 for another year. Wishing the REVIEW the success it has earned I am yours truly.

WM. J. WIRT, Parsons, Kas.

If you need help and you are a subscriber to the Review you can insert a 35 word want adv. one time in this paper and there will be no charge. Extra insertions at the rate of 1 cent a word.

E. H. HUNT,
 WHOLESALE SEEDS, SUPPLIES, BULBS,
 CUT FLOWERS, ETC.
 76-78 WABASH AVENUE,
 CHICAGO.

LONG DISTANCE PHONE CENTRAL 1751.
 Cable Address "Huntch," Chicago.

JUNE 20, 1901.

...ANNOUNCEMENT...

Mr. A. L. VAUGHAN, who for the past three years has acted as Western Representative of Messrs. Hageman & Meyer, has severed his connection with them and will at once enter our employ in the Supply and Bulb Departments. The latter will be under his direct charge.

The addition of Mr. Vaughan to our working force will enable us to take better care of our greatly increased trade, and our customers and his will be assured of every attention given to their wants and inquiries. We trust to our receiving a continuance of the many past favors which the trade has shown us.

E. H. HUNT.
 C. M. DICKINSON, Manager.

Kindly address all business letters to the firm.

COUNCIL BLUFFS, IA.—A heavy hail storm June 4 broke a lot of glass in the greenhouse plant of Mr. J. F. Wilcox. It is estimated it will take about \$2,000 worth of glass to replace that which was broken.

NEW YORK.—C. G. Weeber has retired from the firm of Weeber & Don. The business will be continued by A. L. Don under the old firm name.

PHILADELPHIA, PA.—H. Bayersdorfer sailed from Europe for home on the 15th inst. and is expected home on the 22d.

NEW HAVEN, CONN.—Charles Munro reports business as very satisfactory the past season. Also that the REVIEW has been of great benefit to him.

OWEN SOUND, ONT.—Mr. J. W. Glass reports that he is well pleased with the REVIEW.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Good man at once to grow roses, carnations and bedding stock; must be steady, not afraid to work; \$25.00 a month with board. S. J. Long, Florist, Petoskey, Mich.

WANTED—Position with commercial florist by young man with some experience and plenty of energy. L. W., care Florists' Review.

FOR SALE—15,000 feet 4-inch cast iron pipe for hot water heating, at 19 cents per foot F.O.B. Philadelphia. Samuel J. Hunting, Elmwood Ave. and 8th St., Philadelphia, Pa.

ASPARAGUS.

Springer, 2-inch pots per 100, \$2.00
 Filmosus, " 2.50
 Decumbens " 3.00

GERANIUMS, to close out, per 100, \$3.00.

CASH.

JOS. H. CUNNINGHAM, DELAWARE, CHID.

WANTED—Second hand hot water heater, to heat 3,000 ft. of glass; state make, size, condition and price. Henry E. Brown, Suresco, Kan.

WANTED—Good second hand boiler, for 8,000 ft. of glass; state condition of boiler, approximate weight and lowest price. Hamilton & Plummer, Kewanee, Ill.

WANTED—Small upright steam boiler, suitable for heating 500 feet 1-inch pipe; to be used for vaporizing. Joseph Bancroft & Son, Cedar Falls, Iowa.

FOR SALE—Six greenhouses near Chicago 8,000 feet glass, heated by hot water; plenty of stock; also dwelling house of seven rooms in good condition; long lease of land; price \$12,500.00 cash if taken by July 1. For particulars address O. K., care Florists' Review.

SITUATION WANTED—To take charge of cut-flower growing establishment within 200 miles of Chicago; 10 years in one place; wages \$40.00 per month and board. Address GROWER, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 6¢ per foot; also some 4-in., guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—A man handy with tools, for work about greenhouses; one with some knowledge of the business preferred; steady position to right party. Address M. T., care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age.
A Decorator and Designer second to none, with best references in the country, wants a permanent position.
 Address Salesman, care Florists' Review.

SMILAX.

2-inch pots, \$10.00 per 1000..... per 100, \$1.00
 Coleus, 2½-inch pots " 2.00
 Vinca Vine, green leaves..... " 1.00

GERANIUMS, to close out, per 100, \$3.00.



NEW CROP FANCY AND DAGGER FERNS

\$1.00 per 1000. Discount on large orders. Also **GREEN and BRONZE GALAX, A No. 1 Stock.**

We never run out of stock. Place your orders with us we can fill them in any amount. Write for prices on Galax.

HENRY M. ROBINSON & CO.
 Tel. 2518 Main. 36 Court Sq., Boston, Mass.
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THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention THE REVIEW when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.
CHR. SOLTAN,

199 Grant Avenue, Jersey City, N. J.

BALTIMORE.

For the week ending today (June 17) trade has been extremely dull. There has been a great glut of out-of-door flowers, and June weddings and commencing events being about over, the demand even for good material has been light. From now on for whatever occasion flowers may be needed there will probably be a stiffer market, as the hardy stuff is nearly exhausted and many greenhouses, both of carnations and roses, have been pulled out. Sweet peas are over abundant. Paeonies were about two weeks later than usual, missing Decoration Day, when they are in most request, very generally. Cochet roses of fine quality are in evidence.

Here is a report from one of our daily papers of the work done by Charles L. Seybold, superintendent of Patterson Park, and who has the supervision besides of the Broadway Square, Eastern City Spring, Madison and Jackson Squares. In these he has planted 326 beds, using 226,000 plants.

This is a detailed statement of the work done in Patterson Park, which may have some interest to those who have to do with this kind of work. One Maryland State coat-of-arms, with two United States flags and shield of black and orange (medallion design), containing 7,400 plants.

One plastic bed representing an Indian wigwag, with slings, shield, feathers and spears, made of dwarf plants; 2,300 plants.

One cactus bed, with 75 varieties of plants, containing 2,275 plants.

Two three-tier rock tower beds; 6,500 plants.

Two butterfly beds, eight varieties of dwarf plants; 1,200 plants each.

Two floral mountain beds; 2,300 plants.

Two mosaic Parterre designs; 1,600 plants each.

Two beds 50 feet in diameter, containing rare shrubs, perennial plants and evergreen trees.

Six beds of European laurels, hydrangeas, azaleas and rhododendrons.

One bed of rare Japanese maples.

Thirty-seven shrubby beds, containing flowering shrubs and perennial plants of many varieties.

Two groups of hardy magnolias.

Two beds of nursery, containing 2,000 hardy rose bushes.

Two beds of rare dahlias—several hundred plants, complete collection of 35 varieties.

Three croton beds, containing 225 specimens of croton plants.

Five thousand five hundred hardy English ivy and periwinkle plants have been planted in different parts of the park; several large sub-tropical beds have also been planted, together with numerous beds of flowering and foliage bedding plants.

R.

GLAZING.

We would like to hear through the REVIEW what is considered best to use for lapped glass—putty or mastic? Or is there anything better than either of these?

[We shall be pleased to hear from any of our readers who have had experience with both of the articles mentioned.—Ed.]

SALT LAKE CITY, UTAH.—The Salt Lake Floral Co., which is backed by W. A. Clark, Jr., son of the Montana copper king, and under the management of J. H. Mitchell, formerly of Butte, Mont., is rapidly proceeding with the erection of the greenhouse plant. Six houses are now going up, each 20x160. The plant will be devoted to the production of cut flowers. The company intends to have a chrysanthemum show next November, at which \$1,000 in premiums will be awarded.

JEFFERSONVILLE, IND.—Joseph Molek is building a new greenhouse 24x100 and a fine two-story residence. When completed he will take a trip to Buffalo.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale
Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of
and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations
A Specialty....
WHOLESALE GROWER of **CUT FLOWERS**

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55-57 Wabash Avenue,
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.
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The Cincinnati
Cut Flower Co.,
416 Walnut St.,
CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.
Mention THE REVIEW when you write.

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THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.
32, 34, 36 Randolph St.
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Wholesale Growers of **Cut Flowers.**
All telegraph and telephone orders
given prompt attention.
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1322 Pine Street,
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45, 47, 49 Wabash Ave., CHICAGO.

Headquarters for All School Closing Novelties and Cut Flowers of All Kinds.

SEND FOR LISTS.

Mention THE REVIEW when you write.

BUCKLEY'S JUNE SPECIAL.

GERANIUMS. We are now ready to supply you with our superb collection, consisting of the following HIGH GRADE varieties, guaranteed strictly first class and true to name: S. A. Nutt, Brumidi, Grant, Frances Perkins, La Favorite, E. G. Hill, Beaute Pottevine, Athlete, Mme. Brunt, Mme. Jaulin, Mrs. J. M. Gaar and Duchess of Orleans, strong 2½-in. stock, \$2.00 per 100; \$18.00 per 100.

COLEUS. A choice collection of 15 distinct varieties, all bright colors and including only those of decided merit. **Golden Bedder** and **Verschoffii** in quantity; strong plants from 2½-inch pots, \$1.00 per 100; \$8.00 per 1000.

PETUNIAS. Double Fringed. Eight novelties in white, pink and blotched, all labeled, strong 2½-inch, \$1.00 per 100; \$8.00 per 1000.

PANSIES. We still have about 5000 left from last crop, fine plants, nice size, in bud and bloom, \$1.00 per 100; \$8.00 per 1000.

NOTICE. The above stock has been potted about 30 days and is now in fine shape to knock out.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...

CUT FLOWERS,

59 Wabash Avenue, CHICAGO.

SEND FOR WEEKLY PRICE LIST.

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Maplewood Cut Flower and Plant Co.

GEO. M. KELLGROE, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES** and **METEORS** in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.
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ONE DOLLAR FIFTY PER 1000 FOR

BRONZE GALAX LEAVES,

Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

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2½-in., \$4.00; 3-in.	6.00
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Lobelia, 2-in.	2.00
Impatiens Sultan, 2½-in.	3.00
Ageratum, 2½-in.	2.00
3-in.	3.00
Heliotrope, 2½-in.	3.00
Fuchsia, 2½-in.	3.00
Verbena, 2½-in.	2.00
Alternanthera R. & Y., 2-in.	2.00
German Ivy, 2½-in.	2.00
3-in.	3.00
Marguerite, Double Yellow, 2½-in., \$3.00; 3-in.	4.00
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2½-in., \$3.50; 3-in.	4.00
3½-in.	6.00

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\$8.00 per 1000, 1.25
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Ageratum Stella Gurney, from 2 1/2-in. pots, \$2.00 per 100. Rooted cuttings, postpaid, \$1.00 per 100. Cash. R. Vincent, Jr., & Sun, White Plains, Md.

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Alternantheras, small pink, 2 1/2-in., \$1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

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Alyssum, Dbl. Giant, 2-in., \$2.00; 2 1/2-in., \$3.00 per 100. Rooted cuttings, \$1.00 per 100; \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

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JO & SON CO., Nashville, Tenn. Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2 1/2 feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reversion. It was awarded the Chrysanthemum Society's certificate and was awarded 31 points by the Philadelphia committee. Price, each, \$2.50 per doz.; \$2.00 per 100. James Niven, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums, fine healthy stock, 2 1/2-in., \$1.95; 3-in., \$2.00 per 100. The varieties are: Atlanta, Alsace, Alsace, Ivory, Queen, Yellow Queen, Underbruch, Modesto, Violent, Robinson, Golden Wedding, Diana.

N. Kidd, St. Joseph, Mo. Bonaffon, Queen, Jerome Jones, Bergmann, Perrin, Autumn Glory, Adele, Oct. Sunshine, Yanoma, Robt. Christie, 2 1/2 Weeks, Wauwaker, Ivory and Button, good 2 1/2 in., \$2.50 per 100; \$20.00 per 1,000; 3-in., \$3.00 per 100. Ben L. Elliott, Cheswick, Pa.

Commercial varieties, early and late—Bergmann, Ivory, M. Henderson, Bonaffon, G. Pacific, Yanoma and many others. Rooted cuttings, \$1.00 per 100; 2 1/2 in., \$2.00 per 100. J. W. Howey, Russell St., Woburn, Mass.

New Chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light bluish pink, stiff stems, blooms very early, \$2.50 per 100. Cash, with order. John Cook, 313 North Charles St., Baltimore, Md.

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Chrysanthemums. First-class stock, \$2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

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Coleus. A choice collection of 15 distinct varieties, all bright colors. Golden Bedder and Verschaffelii in quantity. Strong plants, 2 1/2-in. pots, \$1.00 per 100; \$8.00 per 1000. Buckley Plant Co., Springfield, Ill.

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Cyclamen, grand, spl. in different colors, all labeled; twice transplanted, extra strong, \$5.00 per 100; \$4.00 per 1000. Cash, please. Lehnhg & Wingfield, Hackensack, N. J.

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ASSORTED FERNS for gardeners, well grown stock in all the leading varieties, from 2 1/4-inch pots, \$3.00 per 100; \$25.00 per 1000.

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Also fine stock of the above and others, 2 1/2-in., at \$2.50 per 100; \$2.00 per 1000. N. SMITH & SON, Adrian, Mich.

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Not to be mixed.
No trash, Cash, please.

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One chance in a thousand to get stock of well tested novelties of 1899, 1900 and 1901. Dr. Despres, Jean Vault, Clyde, etc., from 2 1/2-in. and 3-in. pots. A collection of 25 varieties, including the little Pink, for \$2.00. Also standard varieties from 3-in. in bud, for bedding and market purposes. Marvel, Nutt, Mme. Bruant, etc., \$2.00 per 100. W. E. Hall, Clyde, Ohio.

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ALL LABELED,
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2000 Norway maples, 3 to 4 inches caliper and 14 to 15 feet in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chester Hill, Philadelphia, Pa.

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Kaiserin, 3-in., \$3.00 per 100; \$15.00 per 1000. Iridesmaid, Meteor, Bride, Golden Gate, 3-in. pots, \$1.00 per 100; \$10.00 per 1000.

Our Kaiserin are unusually large, strong plants and will be sure to give the best of satisfaction.

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Cash with order. GEO. A. HEINL, Toledo, O.

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Roses. A grand lot of strictly high-grade stock clean and healthy, growing satisfactory references. American Beauties, 3-in., \$7.50 per 100. Brides, Maid, Meteor, Kaiserin, Golden Gate, Kaiserin and Perles, 3-in., \$4.00 per 100. \$35.00 per 1000; Maid, Perles, 4-in., \$7.50 per 100. \$35.00 per 1000. In Essex Greenhouses, Coe Ridge, O. Address all correspondence to care of Mr. S. A. E. Lyman, No. 575 Pearl St. Cleveland, Ohio.

Roses from 2 1/2-in. pots, clean, bushy plants, strictly first class and guaranteed, with special discount in 1000 lots; 500 at 1000 rates; 50 at 100 rates. Per 100: Beauty, 1.25; 100. Per 1000: Brides, 4.00; 35.00. Maid, 4.00; 35.00. Meteor, 4.00; 35.00. Perles, 4.00; 35.00. Kaiserin, 2-in., 3.00. 4.00; 35.00. N. A. Y. VIEW ROSE GARDENS, Jamestown, N. Y.

Strong, clean, well established stock on own roots of the following varieties: Per 100 500 Liberty, 3-in. \$10.00
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ROSE STOCKS

Brides, Maid, Kaiserin, Carnot, Meteors, and 2 1/2-in. \$3.00 per 100; \$25.00 per 1000
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WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

Roses. Gates, Maid, Brides, Meteors, 2 1/2-in., \$3.00 per 100. \$25.00 per 1000. Gates in 3-in., \$5.00 per 100. Maid, Brides, Meteors, in 3-in., \$4.50 per 100. Brides, Maid, Meteor, Kaiserin, Perles, Meteor and Beauties, healthiest stock around Chicago, \$1.00 and \$3.00 per 100. Pochmann Bros. Co., Morton Grove, Ill.

Surplus roses. We have the following in 3-in. pots which we will sell at \$20.00 per 1000, and strictly A No. 1 in every particular and guaranteed to please: Brides, Maid, Meteor, Meteor and Kaiserin, \$4.00 per 100. Beauties, \$7.00 per 100. G. Van Bohove & Bro., Kalamazoo, Mich.

American Beauties, 2 1/2-in. pots, \$6.00 per 100; \$50.00 per 1000. Beauties, 3-in. pots, \$5.00 per 100; \$45.00 per 1000. Brides, Maid, Meteor and Kaiserin, 2 1/2-in. pots, \$3.00 per 100; \$25.00 per 1000. Pres. Carnot, 2 1/2-in. pots, \$1.50 per 100; \$10.00 per 1000. We have all good, clean stock. Cole Bros., Peoria, Ill.

Roses. The kind that grow and bloom. Cool grown. Inspection cordially invited. Brides and Maids from 2 1/2-in. pots, per 100, \$2.00 per 1000, \$30.00. Cash, Liberty, per 100, \$3.00. Rose mame Conservatories, Lawrence Court, Manchester, Mass.

We shall have surplus of Liberty, Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate, and Meteor plants, from 2 1/2-in. and 3 1/2-in. pots, at \$2.00 per 100. We will also accept pragnate orders. Write for prices. Benjamin Dorrance, Dorranston, Pa.

SPECIAL. Meteor rose plants, \$20.00 per 1000. Brides, Maid, Meteor, 2 1/2-in. pots, \$2.00 per 100. We also have Brides, Maid and Golden Gate at \$20.00 per 1000. C. H. BUDLONG, 37-39 Randolph St., CHICAGO.

Roses. We have a surplus of strong, healthy stock that we will close out at low prices: Beauties, 2 1/2-in. \$4.00 per 100
Brides, 2 1/2-in. 2.50 per 100
Maid, 2 1/2-in. 2.50 per 100
LABO, Joliet, Ill.

New Roses—The Baltimore, coral a light pink and of the largest size, \$5.00 per 100. Brides and Schley, the best crimson bedder ever introduced, \$4.00 per 100. Cash with order. John Cook, 318 N. Charles St., Baltimore, Md.

Roses. Extra strong and healthy plants propagated from graded stock; ready to plant Gates, 3-in. pots, \$5.00 per 100; \$45.00 per 1000. Cash. S. J. Reuter, Westery, R. I.

Roses. Good healthy plants of Kaiserin Augusta, Victoria, 3-in., \$4.00 per 100; \$35.00 per 1000. 2-in., \$3.00 per 100; \$25.00 per 1000. Cash with order. M. A. Magnuson, 3399 N. Western Ave., Chicago, Ill.

All the leading varieties of roses of every color, shifted from 2-in. and equal to stock 2 1/2-in., used as 3-in. Satisfaction guaranteed. Write for special prices on large lots. Geo. A. Kuhl, Pekin, Ill.

Grated Roses. Maid, Bride, Golden Gates, \$12.00 per 100; \$110.00 per 1000. Strong plants graded first class. Chris Hansen, St. Paul, Minn.

Rose Plants. Bride, Bridesmaid, Meteor and Gold, in 3-in. and 4-in. and 3-inch rose pots, \$3.50; 4-in., \$4.00. Extra large plants, \$5.00. C. O. D. W. J. & M. S. Vesey, Ft. Wayne, Ind.

GRADED ROSES. Surplus from our own planting stock: 200 Bridesmaids, 3-in. pots, \$12.00 per 100. Cash with order. S. J. Dunning, 38th and Elmwood Ave., Phila., Pa.

These rose plants in 3-in. pots, ready to plant in house, \$3.00 per 100. Brides, 400 per 1000, \$4.00 per 100. 300 Liberties, 4-in., \$5.00 per 100. Address J. L. Wyland, DeHaven, Pa.

These fine plants, 3-in., 3c. C. Souper, Jacqueminot, Tea Blackstock, Cash with order. Queen of Prairie, same size, 8c. Cash. W. H. Salter, Rochester, N. Y.

Brides and Bridesmaid, from graded plants in house, \$3.00 per 100. Maid, 400 per 1000, \$3.00 per 100; \$30.00 per 1000. Geo. L. Parker, 807 Washington St., Dorchester, Mass.

These fine Brides and Maid plants, 2 1/2- and 3-in. pots, \$3.00 per 100. Cash with order. McDonald & Steele, Crawfordville, Ind.

Get a sample 100 of our fine young roses at 3c. per 100; \$25.00 per 1000. You will order again. H. Gault & Sons, 1000 Wm. B. Sands, Lake Roland, Baltimore, Md.

Roses. H. F. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bohlen & Sons, 100 Wabash Ave., Chicago, Ill.

Roses. Brides, Perles, Bridesmaid, fine bushy 3-in. stock, \$1.00 per 100. Joseph Bancroft & Son, Cedar Falls, Ia.

Roses. Large plants of Yellow Rambler, for sale, \$2.00 per 100. Ellsworth Bros., Grand Island, Neb.

Brides and Maid, strong, clean, 2 1/2-in., \$2.50 per 100. Krueger Bros., Toledo, Ohio.

American Beauties, 3-in. pots, fine plants. Robertson & N. J.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.

We still can offer a bargain in these in the large lots. The 7c. offered below will be found to be exceedingly good value. Plants are in perfect shape, grown from top cuttings, with large leaves, right to the pot, and are exceedingly cheap at prices quoted.

Five Plants, 6-in. pots, 12 to 15 in. high, \$1.00 per 100. Extra heavy plants, 6-in. pots, 3 ft. high, \$1.00 per 100. Also heavy plants, 6-in. pots, \$1.00 per 100. Also heavy plants, 6-in. pots, \$1.00 per 100. Also heavy plants, 6-in. pots, \$1.00 per 100. Also heavy plants, 6-in. pots, \$1.00 per 100.

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SALVIA.

Salvia, 2-in., \$2.00; 2 1/2-in., \$3.00; 3-in., \$4.00 per 100. Red cuttings, \$1.25 per 100; \$10.00 per 1000. Cash. Green & Underhill, Watertown, N. Y.

Hold's Mammoth Sage, strong rooted cuttings, \$1.00 per 100, \$5.00 per 1000. Cash. Ben. Connell, West Grove, Pa.

SEEDS.

FRESH SEED. 100, 1000. Asparagus Plumosus Nanus 65c 2.00
Asparagus Sprengeri 25c 2.00
Calceolaria Hybrid, 500 seeds, 25c
Calceolaria Hybrid, 500 seeds, 25c
Calceolaria Hybrid, 500 seeds, 25c
Cineraria Hybrid, Grandiflora Maxima, in most brilliant coloring, giant flowers, packet 500 seeds, 25c
Cineraria Hybrid, Grandiflora Maxima, dwarf, pkt. 500 seeds, 25c; pkt. for \$1.00.
Primula S. Fimbriata, best strain: 100, 1000.
Rose Splendens Kermsiana 25c \$1.75
Atrosanguinea, blood red 25c 1.75
Alba Maritima 25c 1.75
Chrysanthemum, best strain, 100, 1000.
Coerulea (True Blue) 25c 1.90
All colors mixed 25c 1.50
Pansies, strains, 100, 1000.
In separate colors, white, black, yellow, blue, red, bronze, striped, etc. In sorts named, Giant, Tricolors, Oiler, Cassier, Bugnot, and many of these, 1000 seeds, 25c; 500 seeds, \$5.00.

Send for new catalogue, many interesting novelties. H. H. BERGER & Co., 47 Barclay St., New York.

Musa Ensete (Abyssinian banana). We have a fine lot of new crop seed which, if sown now, will make fine plants by end of summer and be carried over in a cool house and be in fine shape to make specimen plants next summer. It is a steady and growing demand for them. \$5.00 per 1000. Primula, cineraria, pansy and other seasonal seeds are in stock. H. A. Dreer, 714 Chestnut St., Philadelphia.

XXX seeds. Chinese primroses, large-flowering fringed varieties; single and double, mixed, 400 seeds, \$1.00; 1000, \$2.00. Pansy, the best of the mammoth-flowering varieties, mixed, 400 seeds, \$1.00; half pkt., 50c. Cineraria, large-flowering variety, mixed, 1000 seeds, \$5.00. J. Rupp, Shiremanstown, Pa.

D. Landreth & Sons, 1001 Market St., Philadelphia, Pa. Flower Seeds. Pansy Philadelphia, finest strain, trade pkt., \$1.00. Cineraria grandiflora, 3/4 trade pkt., \$1.00. Primula, Forbush (see Primula), trade pkt., 50c. Primula Obconica Fimbriata, trade pkt., 50c.

Wholesale price lists for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Wardwell Dwarf Kidney Wax Beans, \$4.50 per bushel. Fred H. Burdett, Clifton, N. Y.

SMILAX.

Smilax, 4-in. stock, bushy, \$1.00 per 100; \$8.00 per 1000. Cash. R. Kilbourn, Clinton, N. Y.

1000 surplus smilax, 2 1/2-in., strong, \$1.00 per 100. J. W. Dudley & Son, Parkersburg, W. Va.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISEMENTS.

Smilax 2 1/2-in. \$1.50 per 100; from flats, 25c per 300. Cash. Morris Floral Co., Morris, Ill.

Smilax, 2-in., \$1.00 per 100; \$10.00 for 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Thrifty 2-in. smilax, \$1.25 per 100. Cash with order. A. Rasmussen, New Albany, Ind.

Smilax, \$1.50 per 100. Cash. Extra stock. W. H. Ventres, Fort Allegheny, Pa.

Smilax, five stiff, \$1.50 per 100; \$12.00 per 1,000. J. B. Heiss, Dayton, Ohio.

Smilax, \$1.50 per 100, \$12.50 per 1,000. A. M. Herr, Lancaster, Pa.

Smilax, 2-in., \$1.25 per 100. Harry White, New Holland, Ind.

For smilax, write Geo. A. Kuhl, Pekin, Ill.

STEVIA.

Stevia var., 2-in., \$2.00; 2 1/2-in., \$4.00; 3-in., \$6.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

VEGETABLE PLANTS.

Cabbage. Large late Flat Dutch, Drumhead, Surehead, Danish Ballhead, World Beater, Hollander and Autumn King. Fine plants, 100. Celery—Early for planting out at cases, 9c per 1,000; \$7.50 per 10,000. Lettuce, Hanson, Deacon, Golden Queen, Big Boston and Simpson. Special to clean out, 50c per 10,000. Cash. E. W. Byer, Chambersburg, Pa.

Cabbage—Jersey Wakefield, \$7.50 per 10,000; selected late Flat Dutch, 15c per 100, \$1.25 per 1,000. Celery—Early Self-Blanching and White Plum, \$1.00 per 1,000; plants from seed best ready for use. Pepper—Ruby King, 20c per 100. Tomatoes—D. Champion, Beauty and Favorite, 15c per 100. Cash. Mrs. Griswold, Worthington, O.

White potato plants. White Queen, red and white Bermuda, Jersey yellow and red, \$1.75 per 100; purple, yam, \$2.49 per 100; Brazilian, \$4.00 per 100. If wanted by mail, add 15c per 100 plants. E. P. Hall, Shelbyville, Ky.

Cabbage—All Head, Wakefield, Winiagrad and Flat Dutch, \$1.25 per 1,000. Tomato—Champion, Aristocrat and Stone, \$1.25 per 1,000. Celery—Golden Selfblanching, \$1.00 per 1,000. W. D. Chase & Son, New London, Ohio.

Celery. Strong transplanted plants of E-Market, G. Pascal and W. Plume, \$2.00 per 1,000. Cabbage. Strong plants of Fottler's Brunswick and Dutch Ball-Head, \$1.50 per 1,000. Cash. R. Kilbourn, Clinton, N. Y.

For cabbage, celery, egg, pepper, lettuce, beet and tomato plants see our display ad.

W. J. & Son, White Plains, Md.

Celery—White Plume and others, \$1.00 per 1,000; \$3.00 per 10,000. Cash. Ludwik Mosback, 5500 Anthony Ave., South Chicago, Ill.

Dreer's selected late Flat Dutch cabbage; \$1.00 per 1,000; 500 for \$4.00. A. & G. Koebach, Pemberton, N. J.

VERBENAS.

Lemon verbenas, 2-in., \$2.50; 2 1/2-in., \$3.50; 3-in., \$4.00; 3 1/2-in., \$6.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Verbenas, 2 1/2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas, 3-in., \$1.00; 3 1/2-in., \$6.00; 4-in., \$10.00; extra long vines, 2 to 3 feet, \$10.00 to \$15.00 per 100. Rooted cuttings, \$1.25 per 100; \$10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Vinca vines, green leaves, \$1.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

VINES.

Bignonia vines, 3-years, field-grown, \$1.50 per doz. Cash. Mrs. Griswold, Worthington, Ohio.

VIOLETS.

Healthy, well rooted plants from sand of Lady Campbell now ready, 75c per 100; \$5.00 per 1,000; 500 at 1000 rates. Imperial, \$1.00 per 100. These are young runners. Struck in sand from old plants divided. Will send only good stock. Chas. Black, Hightstown, N. J.

Viola. Good healthy stock, from 2 1/2-in. to 3-in., \$2.00 per 100; \$25.00 per 1,000. Cash with order. Mount Holmes Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell, \$3.00 per 100; \$25.00 per 1,000. Al stock. Crabb & Hunter, Grand Rapids, Mich.

California violets, healthy, well rooted runners, 50c per 100, \$3.00 per 1,000, \$25.00 per 10,000. Cash with order. W. A. Finger, Hicksville, L. I., N. Y.

Marie Louise, March struck, fine plants, \$10.00 per 100. Cash, please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

TO EXCHANGE.

To Exchange—50 Al 4-in. cannas in best quality varieties at 4c each, and 1500 fancy quality bogonias, best sorts. Plenty of Carnos! Can use young roses and mums in exchange. E. I. Bradley, Murphysboro, Ill.

WANTED.

Wanted—3000 carnations. Varieties and lowest cash price to Sutherland The Florist, Athol, Mass.

CUT FLOWER BOXES.

Star Florists' Boxes, Edwards & Docker, Mrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes—The J. W. Serton Mfg. Co., 241-243 S. Jefferson St., Chicago.

H. Schultz & Co., 117-133 Market St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Washab Ave., Chicago.

DECORATIVE MATERIAL.

New crop Fancy and Dagger ferns, 1.00 per 1000. Discount on large orders. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Sq., Boston, Mass.

New crop Northern dagger ferns now ready, 75c per 1000. Laurel festooning, 4, 5 and 6c per yd. Crowl Fern Co., Millington, Mass.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucotox sprays, address the introducer.

Harlan P. Keley, 1106 Tremont Bldg., Boston, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green or bronze, 75c per 1000. Crowl Fern Co., Millington, Mass.

Selected galax leaves. No trash. Chas. H. Rieckecker, Livville, N. C.

GARDEN TOOLS.

Farlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

Mastic, for glazing greenhouses, is superior to putty. Easier to apply and stays on. Send for circular. F. G. Pierce Co., 139 Fulton St., New York.

We make special greenhouse putty. Price on application. Lobb & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 297-299 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Triton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 141 Lake St., CHICAGO.

Best Dog Garden Hose is made by Boston Woven Hoses & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila, Pa.

INSECTICIDES.

The cheapest, safest, and most effective BUG KILLER is LEMON OIL INSECTICIDE. Destroys Scale, Mealy Bug, Ant, Fly, Mite, etc. Highest testimonials. Quart, 75c; 1/2-gal., \$1.25; gal., \$2.00. Dilute with water 90 to 50 parts. Sent on receipt of price. WYBARKER BROS., 113 So. Gay St., Baltimore, Md.

If you want healthy plants, fumigate with Nicotifide. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 50 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabura Dip Co., Chicago.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y. Clipper Lawn Mower Co., Norristown, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. A. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 23rd and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 301-303 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Philadelphia, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., specialists in Horticultural Printing, Harrisburg, Pa.

SPAGNUM MOSS.

L. B. Brague, Hinsdale, Mass. G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box. Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

3000 carnation supports, \$15.00 per 1000. J. N. Kidd, St. Joseph, Mo.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo. Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Washab Ave., Chicago.

Reed & Keller, 123 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Washab Ave., Chicago.

OSTKOSH, Wis.—A heavy hail storm did much damage to crops and green houses here June 12th. Some of the stones were an inch and a half in diameter. The South Side Flower Exchange (Fugleberg & Flister, proprietors) lost about sixty-five large panes of glass, Isaac Miles about 200 panes, J. H. Brennecke about 150 panes. John Nelson and John Wood escaped any damage.

SARATOGA, N. Y.—The annual meeting of the Floral Association took place June 20 and final arrangements were made for the annual floral fete. The fete will take place the first week in September and will include a floral ball and a floral parade, the latter to include the floats used in the last Mardi Gras parade at New Orleans.

AMELIA, O.—Chas. Pommer is starting in the business here with 4,000 feet of glass.

HEATING.

I am contemplating putting in a heating apparatus. Will you kindly tell me through the Review how large a boiler I must have and what boiler you would advise me to take?

I have two houses. One is 15x50, long span to the south, which is 10 feet; side walls 4 feet, center 8 high. The second house is even span, 46 feet long by 10 wide and 4 feet wall, which I have been heating with 1-inch pipes with a coil in stove with good satisfaction. I think I would prefer 2-inch pipes for the one house, and how many feet of pipes would I need?

I intend to make this house an even span some day, so I want the boiler large enough to heat both houses.

How much would it cost to put in such an apparatus? _____ C. J. L.

In reply to the inquiry of C. J. L. I would suggest for the heating of the house 15x50 feet with long span to the south, assuming glass on the roof only, 10 lines of 2-inch wrought iron pipes, and for the house 46 feet by 10 feet, with glass on the roof only, 6 lines of 2-inch pipes. It would be impossible to advise you as to the arrangement of piping in detail without having plans of the building as a guide for the complete layout of the piping, and it would not be possible to state the cost of such apparatus without making a full diagram of the piping and fittings which would be necessary.

In the matter of boilers, we would advise a hot water boiler having a manufacturer's rating of capacity of at least 600 feet. The boiler should have ample fire and combustion space and be free from all contracted flues, having flues of long travel and liberal area. The grate surface of such a boiler would be about 518 inches. _____ H. W. GIBBONS.

New York.

SPRINGFIELD, OHIO.

This city promises to be well represented at the Buffalo convention, and also at the meeting of the National League of Improvement Associations which immediately follows the S. A. F. gathering.

A committee representing the league visited Buffalo and completed a number of convention arrangements. Mr. W. A. Adams very kindly agreed to handle the hotel reservation business for the leagues. Florists may direct all improvement convention inquiries to Mr. Adams. The banquet hall had already been reserved for the three days of business and pleasure planned for the league delegates and others interested.

Platform addresses, with magnificent stereoscopic illustrations, will make the Monday and Tuesday evening meetings of rare interest. The day programs will include business sessions, the school of methods and visits to Buffalo parks and exposition grounds. These visits will be prefaced in the convention by statements of the technical points to be observed.

Specific announcement of topics and speakers will be made shortly. The management proposes to extend a formal invitation to S. A. F. members who may remain over for the league meeting. The trade will doubtless receive good returns from the acceptance of this invitation. Certainly a first hand knowledge is desir-

able for dealers who wish to use the improvement interest in furthering their own business.

S. A. F. members desirous of visiting Chautauqua in connection with the Buffalo trip will find added interest in remaining for the league convention and then running down to Chautauqua with those who speak and listen during "Improvement Day," Thursday, August 15th, at the pioneer assembly. Prof. Zenblin, of Chicago University, and Mr. E. L. Slmey, of Dayton, will be the chief attractions.

By the way, it may interest many readers to learn that improvement days and lectures are being placed on a number of the summer Chautauqua programs. Mount Eagle and other assemblies propose organizing assembly improvement associations, and Devil's Lake, S. D., plans a careful though not expensive landscape gardening scheme for the assembly grounds. These points may offer some business for several enterprising floral merchants.

The league is sending out to editors, real estate and paint men, agricultural fair boards, architects and others, 3,000 copies of a notice reading as follows:

"The following reproduction of a hand bill circulated by the Springfield (Ohio) Improvement League may be suggestive of a plan feasible in any community. In some cases a well-known citizen, such as Andrew Carnegie or John H. Patterson, offers the prizes; in others an interested business firm provides the awards for the sake of its employees and neighbors, as has been done by the Cleveland Cliff Iron Company and the Westinghouse Air Brake Company, Goodrich House Settlement, Cleveland, and First Presbyterian Mission, Dayton, have made the prize plan a part of their neighborhood work. Improvement associations in many cases, newspapers, school principals and others, are in vogue in obtaining the necessary backing. Florists, real estate men, architects and paint dealers in particular together with publishers, county fair boards and business men in general, may find this a popular promotive scheme.

"Then follows a list of awards, including offers to the janitors of school and other public buildings; lawns where property is owned or rented, with separate classes for occupants receiving salaries more or less than two hundred a year, and extra prizes to the boys and girls having the most attractive flower beds."

Since the above was first printed I understand that both the Chicago Tribune and the Cleveland Leader have joined the ranks of prize givers. If florists will mail or hand copies of this circular to local business men or publishers, they may get the prize idea started without expense to themselves. The Improvement League will send you the copies needed without charge.

EVART GRANT.

A GOOD THING.

The classified ads. are a good thing. It is easy to find just what is wanted, and I think it is only a matter of a little time before people generally will realize this.—S. M. HARRISON, Danville, Ky.

MANY TIMES OVER.

I should feel very much lost without the REVIEW. During the past year it has paid for itself many times over. G. P. MOORE, Ocean City, N. J.

CAN'T DO WITHOUT IT.

I cannot do without your valuable paper.—H. W. FARMER, Anderson, Ind.

PROVIDENCE, R. I.—The residence and household goods of Mr. H. Almy were destroyed by fire June 1.

BUFFALO HOTELS.

The Buffalo Florists' Club have undertaken to arrange for the accommodation of all visitors who are expected to attend the convention of the S. A. F. in Buffalo.

While it is true that hotel rates will be higher than usual, there are a number of apartment houses that have been fitted out for the accommodation of Pan-American visitors; also private homes in the suburbs of the city, where rooms can be had for \$1 and up for each person, and in many breakfast will be served. In other places will be given all meals, the latter not so plentiful.

The hotel committee have a list of houses and hotels with the rates, and any person or persons wishing to engage rooms can have same given in advance by addressing the chairman of the committee, W. A. Adams, 473 Main street, Buffalo, N. Y., stating whether they want accommodations at hotel, apartment or private house, with or without breakfast, and the number of persons desiring accommodations; together. It will be necessary to inform the committee early, as they have the refusal of several apartments for the week, where from one hundred to one hundred and fifty can be accommodated in one place.

It will be unnecessary to communicate with W. J. Stewart, secretary of the S. A. F., as the executive committee have authorized the Club to accommodate the visitors, which the hotel committee are willing to do, providing they are notified in time.

Street car facilities are excellent, the restaurants plentiful and rates reasonable. No one need be concerned in the matter, and with the above desirable apartments and private houses every one will be taken care of if they notify the committee in time.

THE COMMITTEE.

CHICAGO TO BUFFALO.

The Chicago Florists' Club has instructed the committee appointed to arrange for transportation to the convention of the Society of American Florists at Buffalo next August, to issue an announcement to the members and the trade in general that it hopes to secure especially advantageous terms and accommodations this year and that the larger the party the better the chances of securing the greatest consideration from the transportation lines.

The annual convention of the S. A. F. and the Pan-American Exposition combined will no doubt be a grand affair, and the card and attendance will unquestionably be large.

If it could be known definitely in advance just how many florists will be coming to Buffalo, Chicago, so the committee could name an approximate number with some degree of certainty, it would merit serious attention in their efforts to secure the largest possible concessions.

Will you therefore notify the committee—

First—Whether you are reasonably certain of attending the convention and intend traveling with the club's special party?

Second—Whether you hope to join the party but are uncertain of being able to do so?

Third—Whether you have made up your mind that you cannot attend this year?

Please address reply to any one of the committee as below.

G. L. GRANT,
324 Dearborn Street.
E. J. HAUSWIRTH,
223 Michigan Avenue.
E. F. WINTERSON,
45 Wabash Avenue.

Chicago, May 3, 1901.

REMEMBER YOUR EMPLOYEES HAVE BIRTHDAYS. Also remember that there is nothing else so mutually profitable for you to give them as a copy of the Florists' Manual, by Wm. Scott. The price is \$5.00 a copy delivered.

A CROSS-BRED DIANTHUS.—An English gardener has effected a cross between the carnation and the sweet william.

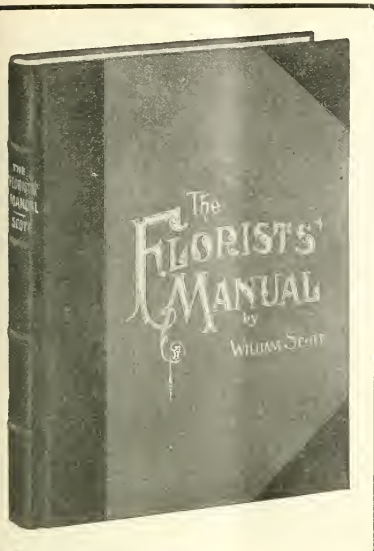
HARRISBURG, PA.—The green houses of J. D. Brenneman were entered one night recently and all flowers in condition to cut were stolen.

TOLEDO, O.—The Toledo Seed Co. is to be organized with a capital stock of \$25,000. The organizers are R. L. Burge, F. O. Paddock and Jas. Hodge.

HIGHLAND, N. Y.—R. H. Decker is building several houses.

HARTFORD, CONN.—John Coombs will add two new houses, each 30x150.

IRA, O.—Kate Cranz has started in the business here.



HERE IS A BUSINESS BOOK FOR BUSINESS MEN

NO SCIENCE BUT LOTS OF PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

FLORISTS' PUBLISHING CO.

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It is a book that you need in your business just as you need any other useful labor and money saving implement or device.

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If you cannot spare the full price at once, write us for our monthly payment offer.

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By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists.
Over 200 large pages.
Handsomely illustrated.
Following is a list of the subjects covered.

Abutilon	Astilbe Japoeica	Croton	Grasses	Maurandya	Roses
Acacia	Azalea	Cycas	Greenhouse Elde	Metrosideros	Salvia
Acalypha	Balsam	Cyclameo	Grevillea robusta	Migeoette	Santolina
Acantrophoroxit	Bay Trees	Cytisus	Hardy Perennials	Mimulus	Sedum
Acer japonicum	Bedding Plants	Fuchsia	Hardy Shrubs	Moon Flower	Seed Sowing
Achillea	Begonia	Decorative P'ts	Heating	Mulching	Scilla
Achimenes	Bellis	Decorative P'ts	Hedera (Ivy)	Musa	Shading
Acrophyllum	Buttom Heat	Deutzia	Hidee Plants	Myosotis	Skimmia japon'a
Adiantum	Bougainvillea	Dianthus	Hellebore	Nepenthes	Smilax
Agapanthus	Bouvardia	Dracena	Hollyhock	Nierembergia	Soils
Agave	Bromeliads	Diunage	Hydrangea	Oleaster	Solanum
Ageratum	Browallia	Easter Plants	Hydrangea	Orchids	Stephanotis
Ailananda	Ruhs	Eupacris	Ivy	Othoma	Stevia
Alocasia	Caladium	Erica	Hydrangea	Oxalis	Stocks
Aloysis	Calamus	Eriostemon	Impatiens	Packing Flowers	Store Manage'mt
Alternanthera	Calceolaria	Eucharis	Insecticides	Packing Plants	Swainsona
Amaranthus	Camellia	Eupatorium	Iresine	Paeonia	Sweet Peas
Amaryllis	Canna	Euphorbia	Jasminum	Palms	System
Ampelopsis	Carladovica	Ferns	Kalmia	Pandanus	Thunbergia
Ananas	Caronation	Fertilizers	Koenigia	Panicum var.	Torenia
Annals	Celonia	Ficus	Lantana	Patsy	Tropaeolum
Aothericum	Centaura	Fittonia	Lavns	Pelargonium	Tuberose
Anthurium	Cheiranthus	Floral Arrange-ments	Limonium	Peperomia	
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Asparagus	Cosmos	Clazing	Glezhoma	Rhododendron	Violet
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Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO....Caxton Building....CHICAGO.

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American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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CINCINNATI

The Market.

The less said of business the past week the better. The worst glut of the season was on and it was utterly impossible to move the enormous supply of stock at anything like paying figures. Also, the fact that a good proportion of the stock was anything but first-class, did not tend to help matters.

Owing to the late summer carnations have been holding out in first-class style. E. G. Gillett has been receiving some extra good fancy ones from Mrs. E. T. Grave, of Richmond, Ind. Genevieve Lord is especially good, with America right alongside.

Ethel Crocker is proving itself to be a warm weather carnation. With some of the growers in this vicinity it has done no good till the present time; now it is in fine form, proving that warm weather has no terrors for this variety. Wm. Murphy says that he believes this variety needs a high temperature during the winter, and he intends to experiment along this line the coming season.

Various Items.

On Tuesday last a severe hail storm visited the country a few miles west of this city. It covered a territory about one-half mile wide, leaving ruin in its trail. Adam Frank was the only florist in this track. His loss is about \$300 and he has no insurance. The Murphys, who have large ranges of glass in this district, escaped by a hair's breadth, as the eastern edge of the storm passed over their places, but there was no damage done. J. A. Peterson also had a close call. It was reported in the daily press that in some places hail had drifted to the depth of three feet.

Jake Meier and Miss Margaret Mueller were married last week. As also were Mr. Ed Lester and Miss Nellie Lindsay. Martin Reukauf, of H. Bayersdorfer & Co., was in the city. C. J. OHMER.

BOSTON.

The rose and strawberry show of the Massachusetts Horticultural Society, scheduled for the 20th and 21st of this month, is on account of the lateness of the season necessarily postponed to Wednesday and Thursday, the 26th and 27th. The paeony show will be held at the same time.

DES MOINES, IA.—D. B. Patterson has succeeded to the business of the Livingston Seed Store. Josiah Livingston, the former owner, returns to Columbus, O., where he will go into business with his brothers. Mr. Patterson was associated in the business with Mr. Livingston here for several years.

DOVER, DEL.—The United States court has released J. W. C. and W. W. Pullen, who have been held on the charge of fraudulently using the mails. The charge was not sustained.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance
Phone 2167.

CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

PITTSBURG, PA.

Mention THE REVIEW when you write.

CANNAS!

We can still furnish in well established plants, from 3-in. pots, of the following varieties of Cannas:

- Austria, large yellow.
- Alsace, creamy white.
- Aphrodite, salmon edged yellow.
- Bronze Seeding, bronze foliage, currant red flowers.
- Furst Bismarck, fine large crimson.
- F. Nouvessal, soft carmine, bronze foliage.
- Florence Vaughan, standard yellow.

- Gigantea, bronze foliage, carmine flowers.
- Mlle. Beral, the best pink.
- Robert Christie, bright orange red.
- Souv. D Pres. Carnot, vermillion scarlet, bronze foliage.

All the above at \$5.00 per 100 or \$40.00 per 1000.

HENRY A. DREER, Philadelphia, Pa.

Mention The Review when you write.

NORWAY MAPLES,

3 to 4 Inches Caliper,
14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, WILLIAM WARNER HARPER, PROP., CHESTNUT HILL, PHILA., PA.

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Burpee's Seeds Grow

25,000 CHRYSANTHEMUMS !!

Fine healthy stock out of 2½-in. pots, grand assortment in the following varieties:

White—Robinson, Queen, Egermann, Mrs. McArthur, Ivory, L. Caning, Lady Fitzwygram, Niveus, Mrs. Weeks, Merry Xmas, Mlle. Lucie Faure, Yellow—Harry Farr, Robt. Halliday, Bonnafon, Bassett, Golden Trophy, Modesto, Mrs. Emerson, Lincoln, Yellow Ivory, J. E. Lager, Pink—Mrs. Perlin, Garden Queen, Pink Ivory, Xeno, Autumn Glory, Rose Owen, Glory d' Pacific, Fred Walz, Dark—Blackhawk.

More varieties in smaller lots on hand. Will send good soft plants, carefully packed, 25¢ at 1000 rate. 100, \$2.50; 1000, \$20.00. Cash with order.

CHAS. ZIMMER, West Collingswood, N.J., near Phila.

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
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Plant of Nephrolepis Wittboldii with 40 runners.

We have a specially large and fine stock of

Latania Borbonica,

and to reduce same quickly and gain needed room we will give FREE with Latania Orders OUR GRAND NEW FERN as follows:

- With a \$10.00 order,
one Nephrolepis Wittboldii.
- With a \$25.00 order,
three Nephrolepis Wittboldii.
- With a \$40.00 order,
five Nephrolepis Wittboldii.
- With a \$50.00 order,
seven Nephrolepis Wittboldii.

Our Latanias are fine sturdy stock that will please you and we offer them as below:

2-inch pots, \$5.00 per 100.
3 " 8.00 "
4 " 20.00 "
5 " 35.00 "

They are exceptionally good value and you get the new Fern without extra cost.

We are still supplying strong plants of Nephrolepis Wittboldii, "The Great Fern of the Future," at \$1.00 each, \$10.00 per doz.

The GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO, ILL.

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CABBAGE.—Wakefield, Succession, All Head, Early and Late Flat Dutch, Savoy and other varieties, 15c per 100; \$1.50 per 1000; \$8.50 per 10,000.

CELERY.—White Plume, Golden Self-Blanching and other varieties, 15c per 100; \$1.50 per 1000; \$8.50 per 10,000; small for transplanting, 75 cts. per 1000.

EGG PLANTS.—N. Y. Improved, 25c per 100; \$2.50 per 1000.

PEPPER.—Bull Nose, Ruby King and Sweet Mountain, 25c per 100; \$2.00 per 1000.

TOMATO.—In var., 20c per 100; \$1.25 per 1000.

LETTUCE.—In var., 15c per 100; \$1.00 per 1000.

BEETS.—20c per 100; \$1.50 per 1000.

If any of the above are wanted by add 10c per 100 plants. Cash with

R. VINCENT, Jr. & SON, White Marsh, Md.

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SOLD OUT.

Our stock of young Carnations is sold out. Place your order now for FIELD PLANTS for FALL DELIVERY.

All the best varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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Other new and standard varieties.

Chrysanthemums.

TIMOTHY EATON, the biggest and most emotional white. Complete list of other new and standard varieties. Fine stock for immediate shipment. Send for price list.

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THE LARGEST FANCY CARNATION..... PROSPERITY.

A few thousand ready for immediate delivery. All orders filled in strict rotation. Prices for Rooted Cuttings—1 plant, 50 cents; 12 plants, \$5.00; 25 plants, \$8.25; 50 plants, \$10.00; 100 " 16.00; 250 " 37.50; 500 " 70.00; 750 " 101.25; 1000 " 130.00.

Write for full description. DAILLEDOUZE BROS., Flatbush, N. Y. Mention THE REVIEW when you write.

Primulas, Plants, Etc.

Chinese Primulas, mixed and white, 2½-in.	Per 100 \$ 2.00
Smilax, 2½-in.	1.50
from flats	25
Asparagus Plumosus Nanus, 3-in.	5.00
from flats	2.00
Geraniums, dbl. red, pink and white, 3-in.	3.00
Alternanthera, small pink, 2½-in.	1.50
Dracaena Indivisa, 4-in.	10.00
California Ice Plant, for baskets, 2½-in.	3.00
Geranium, Jean Vieux, 3-in.	10.00

—CASH—

THE MORRIS FLORAL CO., Morris, Ill.

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

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DALLAS, TEXAS.

Trade still continues good in floral work and decorations. Commencement exercises create a good demand. Cut flowers are scarce, especially good buds and carnations are on the decline. In the house 105 degrees in the shade is not exactly the temperature to produce large flowers on plants that have been in constant bloom since September last. Mums look fine and we shall have a pretty good showing for fall. Two houses 250x20 are planted for single stem and one house 20x130 is in pots for store sale plants.

Field carnations are looking fine, having been pinched back for the third time. Outside roses are fine and we shall be cutting fine Beauties from outside in a few weeks. One block of young teas, 30,000, for fall sales, are the best we ever had. If we get a little rain off and on until fall the grounds of the Texas Seed & Floral Co. will be worth quite a trip to see.

We are building some houses 150x20 to be planted this fall to carnations and roses for next spring blooming. These houses are to be what we term sash houses and are built with open or movable sides and movable sash roof. In the winter we close up the sides and put on the sash roof removing same in spring and replacing the glass with a coarse lath shade. This protects the flowers from the hot sun rays and enables us to cut fine flowers for this season. We have one house of sweet peas that have been handled this way. We sow the peas in December and have a fine cut in for Easter.

We have several large lath shaded frames that we use for plunging plants under in summer but we find the cool houses a great convenience as we can remove the glass and have virtually a summer treatment with the advantage of the glass for early starting up. We made solid beds in all of these houses. The house we had to sweet peas was 200 feet long and contained eight rows of peas trained to wire fence and you never saw a finer show. Our northern brothers could not miss it to give this style of house a trial. We use no steam pipe in these houses. They are run cool and we keep sash open all the time possible through the winter months.

F. W. B.

UTICA, N. Y.

At the last meeting of the Utica Florists' Club four candidates were admitted to membership and five applications for membership were received. The matter of the flower show to be held in the fall was informally discussed, but action concerning the arrangements was deferred until the next meeting, which will be held on July 11 instead of July 4, the regular date.

MANCHESTER, N. H.—W. L. Palmer, formerly with J. J. McMannon, Lowell, Mass., is now foreman of A. G. Hood's new place in this city which, when completed, will be ranked among the first and largest places in New England.

GUTHRIE, OKLA.—The Oklahoma Seed Co., of Granite and Fort Sil, Okla., and Chickasha, I. T., has been incorporated with a capital stock of \$25,000. The incorporators are James and Benjamin F. Jones, of Poarch, I. T., and F. B. and A. B. Feik, of Granite, Okla.

ROSE PLANTS

The plants which we offer are particularly good value; the best to be found in the country. The Kaiserins are unusually large, fine plants.

From 2 1/2-inch Pots.

Bridesmaid	100	1000	Liberty	100	1000
Bride	\$2.00	\$20.00	Kaiserin	\$10.00	\$80.00
Golden Gate	2.00	20.00		2.00	20.00

From 3-inch Pots.

Meteor	100	1000	Golden Gate	100	1000
Bride	\$4.00	\$35.00	Kaiserin	\$4.00	\$35.00
Bridesmaid	4.00	35.00	Kaiserin, 4-in pots	5.00	45.00
				6.00	55.00

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

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FOR LARGE ORDERS, SPECIAL OFFER.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, \$20 per 1000.

Write for special price on large quantities.

We also have Brides, Maids and Golden Gates, at \$20 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

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ROSES... FOR THE TRADE, SPRING OF 1901.

We believe in shifting young roses often. All stock offered in 2 1/2-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

Meteors, Brides, Maids, Perles, Kaiserin, A. V., Wootton, Pres. Carnot, Golden Gate, Liberty.

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Change Your Rose Stock

Strong, clean, healthy, well-established stock on own roots for June shipment.

800 Maids	} 3-inch, at \$5.00 per 100.
600 Brides	
1000 Meteors	} 3-inch, \$6.00 per 100.
500 Golden Gate	
300 Dorothea	} 3-inch, \$10.00 per 100.
500 Liberty	
300 Kaiserin	} 2-inch, \$3.00 per 100.
500 Carnot	

L. L. MAY & CO.

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Roses.

Extra fine plants grown on their own roots for winter forcing.

Liberty, 3-in. pots, \$12.00 per 100
American Beauty, " " " 8.00 "

Brides, Bridesmaid, Meteor, Kaiserin, Mme. Hoste, Safrano, Golden Gates, Perle, Niphotos, Sunset,

3-inch pots, \$7.00 per 100.
15 sample plants (to florists only)\$1.00

Grafted Roses.

Liberty, 3-inch pots \$18.00 per 100
Brides, Bridesmaid, Golden Gates, Kaiserin, 3-inch pots, \$12.00 per 100.
10 sample plants (to florists only)\$1.00

J. L. DILLON, Bloomsburg, Pa.

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PIPES, FITTINGS AND VENTILATING APPARATUS
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White Golden Gate!! White Golden Gate!!

SEE ADV. IN PREVIOUS ISSUE.

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Very fine, well-grown, clean stock, from 3-in. pots. Scarlet, White and Pink. Double and single sorts. Good short plants mostly in flower. **\$20.00 per 1000.**

10,000 Coleus

A fine lot of 2 1/2 inch assorted kinds, mostly *Verschaffeltii* and *Firebrand*. Good stiff stock, not drawn up or soft.

\$10.00 per 1000; \$1.25 per 100.

Cash please. Satisfaction guaranteed.

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Rose Plants

GOOD, HEALTHY STOCK.

Kaiserin Augusta Victoria,

3-inch.....**\$4.00** per 100; **\$35.00** per 1000.
2-inch.....**3.00** per 100; **25.00** per 1000.

Cash with order.

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SMILAX, a Fine Staff, \$1.50 a 200; \$12.00 a 1000.

J. B. HEISS,

The Exotic Nurseries, DAYTON, OHIO.

Send for Price List.

2,000,000 Roman Hyacinths, also Dutch and



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MUSA ENSETE (Abyssinian Banana.)

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\$1.00 per 100, \$5.00 per 1000 Seeds.

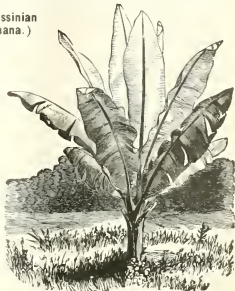
PRIMULA, CINERARIA, PANSY and other Seasonable Seeds are in stock in the finest procurable qualities.

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We grow only good commercial varieties of mums in large quantities. select our stock carefully and supervise all shipments personally, so that satisfaction is practically assured. Prices are fixed as low as good stock can be sold for, allowing a fair profit.

CHRYSANTHEMUMS.

WHITE.	R. C. 2 1/2-in. Per 100	Per 1000	Yellow.	R. C. 2 1/2-in. Per 100	Per 1000	Pink.	R. C. 2 1/2-in. Per 100	Per 1000
Fitzwygram.....	\$1.50	\$2.00	Golden Trophy.....	1.50	2.00	Murdoch.....	1.50	2.00
Independence.....	1.50	2.50	Mrs. Whildin.....	1.50	2.00	Autumn Glory.....	1.50	2.50
Bergmann.....	1.50	2.50	Moderato.....	1.50	2.00	Pink Ivory.....	1.50	2.50
Kalb.....	1.50	2.00	Bonafon.....	1.50	2.00	Defender.....	1.50	2.50
Robinson.....	1.50	2.00	Golden Wedding.....	1.75	2.50	Schrimpton.....	1.50	2.50
Ivory.....	1.50	2.00	Harry Hurchell.....	1.50	2.50			
Woodford.....	1.50	2.00	Yellow Jones.....	1.50	2.00			
Jerome Jones.....	1.50	2.00	Eclipse 'W' Chad.....	2.50	3.50			
Gretchen Buetner.....	1.50	2.00	Yellow Mayflower.....	2.00	3.00			
Minnie Wanmaker.....	1.50	2.00	Yellow Queen.....	1.50	2.00			
			Parr (early).....	1.50	2.50			

YELLOW.

Yellow Fitzwygram.....	2.00	3.00	Glory of Pacific.....	1.50	2.00			
October Sunshine.....	2.00	3.00	Maid Dean.....	1.50	2.50			
Col. Appleton (new).....	5.00	6.50	Perrin.....	1.50	2.00			
Mrs. O. P. Bassett.....	1.50	2.00	Viviani-Morel.....	1.50	2.00			
			Pres. Smith.....	1.50	2.00			

3 1/2-in. Mums, extra fine for pot plants. Write for list of what we have. When less than 25 plants of a variety are ordered, add to same. 5 per cent discount will be allowed on orders from 500 to 1000 plants. 10 per cent discount will be allowed on orders for 1500 and over. Remittances must accompany orders from unknown parties. Goods will be sent C. O. D. if required, and will be executed to the best of our ability. In every case when stock is shipped satisfaction is guaranteed, or money refunded.

RECORD—225,000 sold during 1900 without a kick.

Have the stock to double the amount of sales. OLD ROSE STOCKS—Brides, Maids, Meteors, Perles and Beauties, healthiest stock around Chicago. \$4.00 and \$5.00 per 100. No order for less than 100 plants accepted.

POEHLMANN BROS. COMPANY, - - MORTON GROVE, ILL.

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Pere Roses.

PHOENIX CANARIENSIS, good plants from 5 and 6-in. pots, \$3.00 per doz.

WM. B. SANDS, Lake Roland, Baltimore, Md.

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ASTERS.

Sempile's Pink and White and a few Lavender; Perfection, Pink, White, Light Blue.....	per 100, \$ 25
250 New Daybreak.....	40
Asparagus P. N. from flats.....	1.75
\$15.00 per 1000.	

Carbary, Jersey Wakefield, \$2.50 per 1000. Selected Late Flat Dutch, per 100, 15c; per 1000, \$1.25
Celery, Golden Self-Bunching and White Blue, per 100, \$1.00 per 1000. Plants from seed best now ready.
Pepper, Ruby King, 80c per 100. Tomato, D. Champion, Beant's and Favorite, 15c per 100.
Bigonia Vines, 3 years, field grown, per doz., \$1.50
Cash Please. Mrs. GRISWOLD, WORTHINGTON, O.
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For Glazing Greenhouses. Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. Send for descriptive circular of Mastica and Mastica Glazing Machines. F. O. PIERCE CO., Sole Manufacturers, 170 Fulton St., New York.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.
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INDEX TO ADVERTISERS.

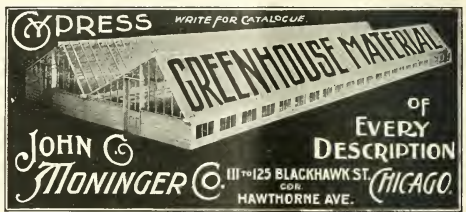
This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 105-117	Kasting, W. F. 93
Amling, E. G. 104	Kelllogg, Geo. M. 105
Andorra Nurseries. 114	Kennecott Bros. Co. 95
Barnard, W. W. & Co. 35	Kroeschell Bros. Co. 120
Bassett & Washburn. 94	Kuehn, C. A. 104
Bentley & Co. 94	Ruhl, Geo. A. 105
Berger, H. H. & Co. 94	Kuntz, E. 105
Berning, H. G. 94	Lager & Hurrell 94
Brant & Noe 105	Leung, L. B. 114
Brinkerhoff & Barnett Engraving Co. 118	Lord & Burnham 120
Buckley Plant Co. 105	Magnum, M. A. 117
Budlong, J. A. 104-116	May, L. & Co. 115
Burpee, W. Atlee & Co. 105	McCarthy, N. F. & Co. 120
Chicago Carnation Co. 105	McDonald & Steele. 94
Cincinnati Cut Flow er Co. 105	McLachlan & Weller son 105
Classified Advs. 104	Morrison, J. C. Co. 117
Cottage Gardens 105	Morris Floral Co. 115
Cradb & Hunter 105	Pennock, S. S. 117
Critchell's 111	Pierce Co., F. O. 117
Crowl Fern Co. 94	Pittsburg Cut Flow- er Co. 114
Cunningham, Jos. H. 105	Poehlinann Bros. Co. 104-117
Dalledouze Bros. 115	Polivorth Co., C. C. 104
Dietsch, A. & Co. 119	Quaker City Machine Works 120
Dillon, J. L. 116	Randall, A. L. 104
Dorner, F. & Sons Co. 115	Rawlings, E. I. 94
Deer, H. A. 94-114-117	Reed & Keller 116
Dutton, Chas. S. 94	Regan Pig. House. 94
Elliott, W. H. 120	Reinberg, P. 116
Ellis, F. M. 104	Rise, M. & Co. 94
Esler, John G. Sec'y. 94	Robinson, H. M. & Co. 103
Finley-Lewis Bakes Co. 117	Rupp, John F. 94
Florists' Supply Co. 118	Said, W. 119
Garland, F. 104	Schillo, Adam 119
Garland, Geo. M. 119	Schmitz, F. W. O. 95
Gibbons Co., H. W. 119	Shabara Dip Co. 119
Giblin & Co. 120	Smith, N. & Sou. 94
Greene & Underhill. 105	Soltan, Ch. 103
Grinwald, Mrs. 117	Thompson, J. 94
Hall, W. E. 105	Tobacco Warehouse- men, Trade Assn. 119
Hancock, Geo. & Son. 115	Vincent, Jr., E. & Son 115
Hancock, Jos. 94	Walsh, E. 119
Heisl, G. A. 105	Weber & Sons. 115
Herr, Albert M. 94	Whiland & Riedel. 105
Hill Co., E. G. 107	Whilldin Pottery Co. 118
Hippard, E. 118	Victor Bros. 119
Hitchings & Co. 116-118-120	Whitford Co., Geo. 115
Hunt, E. H. 105-104	Zimmer, Chas. 114
Jackson, E. B. 94	

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 31, 1899, for Standard Flower Pots.



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Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use. Send for Catalogue of Specialties.



Duplex Iron Gutters.

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Sod Crusher and Pulverizer.

They will save you the amount they cost you in one week. No. 1, \$10.00; No. 2, \$15; No. 3, \$25.

Send for Catalogue and Testimonials.

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PLEASE send us the news of the trade in your vicinity.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

Brinkerhoff & Barnett Engraving Co.
 300-306 Dearborn St., CHICAGO.

INCREASED SALES ONE-THIRD.

We are very much pleased with the results we have received from your valuable paper and shall always continue to keep our advertisement in it. We are sure that our advertisement in your paper has increased our sales among the florists and nurserymen one-third.—S. WILKS MFG. CO., Chicago.



HITCHEINGS & CO.
 233 MERCER ST., NEW YORK.
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Hot Water Boilers, Pipes, Fittings
 Send Four Cents for Catalogue. And Ventilating Apparatus
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INCORPORATED.
GREENHOUSE ARCHITECTS AND BUILDERS
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IRON FRAMES FOR GREENHOUSES.

STEAM AND HOT WATER HEATING AND VENTILATING MATERIALS.

Sales Offices: 136 Liberty St., NEW YORK. Manufactory: General Office, BLOOMSBURG, PA.

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THE WABASH
Has its own rails and is the shortest line to

BUFFALO AND THE FALLS.

Stop-overs given at both points on all tickets.

For Descriptive Matter, Rates, etc., call on nearest Ticket Agent, or address
C. S. CRAYE, G. F. and T. A., ST. LOUIS, or F. A. PALMER, A. G. P. A., CHICAGO.

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Holds Glass Firmly

See the Point **NEW** The Van Ruyper Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.

HENRY A. DREER,
719 Chestnut St., Philadelphia, Pa.

FULL SIZE
No. 2

CLOSED OUT ALL STOCK.

A few words in regard to your classified advs. Last year, late in the season, we had a surplus stock of some considerable thousands of asters on hand, and had about concluded the season was over, but your classified advs. coming to our notice, although we are rather conservative in regard to new things, we concluded to try them, as the rates were so reasonable that there could not be but a small loss if we received no returns. The effect was that we closed out all the stock and returned some cash to customers whose orders we could not fill.—A. & G. ROSBACH, Pemberton, N. J., June 11, 1900.

GARLAND'S IRON GUTTER

is giving satisfaction.



Write for Catalogue containing testimonials of the leading growers.

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DES PLAINES, ILL.

Nikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. All dealers sell it!

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St. Louis — Chicago.



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Best made for GREENHOUSES.
SELF-FEEDING MAGAZINE.
All Steel. Simple, Strong, Durable.
Send for Catalog, etc.

S. WILKS MANFG. CO.
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DEALER IN ALL KINDS OF Lumber and Posts

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NICOTICIDE

THE BEST OF ALL

INSECTICIDES

Write for full particulars to
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Of Clear Louisiana Cypress and California Red Cedar

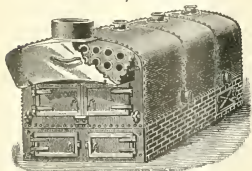
BEST GRADES. PERFECT WORKMANSHIP.

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Greenhouse Boiler,

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Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around, front, sides and back. Write for information.

High Grade BOILERS

Get our Catalogue. **For GREENHOUSES.**

STEAM AND HOT WATER.

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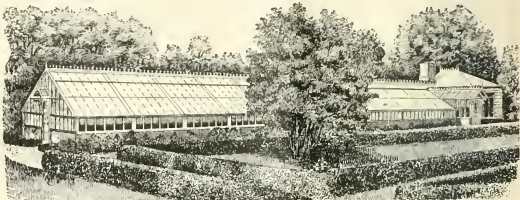
HORTICULTURAL ARCHITECTS AND BUILDERS

STEAM AND HOT WATER HEATING ENGINEERS.

GREENHOUSES AND CONSERVATORIES

ERECTED COMPLETE WITH

OUR PATENT IRON CONSTRUCTION.



Plans and estimates on application either for structures complete or for material only ready for erection. Estimates for

We make special **GREENHOUSE PUTTY.**

CYPRESS GREENHOUSE MATERIAL.

LARGEST BUILDERS OF GREENHOUSE STRUCTURES.

Greenhouse Construction Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

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Friday, June 28, 9:30 a. m.

50,000 Rose Plants.

30,000 Grafted Brides and Maids from 4-in. Pots, Extra Strong.

10,000 Brides and Maids from 4	-in. pots	1,000 Liberty from 2 1/4	-in. pots
7,000 " " " 3 1/2	" "	2,000 Meteors from 3 1/2, 3, 2 1/4	-in. pots
5,000 " " " 3	" "	5,000 Perles from 3 1/2, 3, 2 1/4	-in. pots
15,000 " " " 2 1/4	" "	1,000 Kaiserin and Carnot, 2 1/4	-in. pots

20,000 Boston Ferns.

From bench, suitable for 4, 5, 6 and 7-in. pots.

These auction sales have afforded such an excellent opportunity of procuring good stock for planting at this season, that Mr. Elliott has found it necessary to grow more than double the usual quantity for this purpose. No finer stock than this can be procured anywhere in this country. Send bids if unable to attend.

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ENTIRE
STOCK
OF
**W. H.
Elliott,
Brighton,
Mass.**



Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

Quaker City Machine Works,

RICHMOND, IND.

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HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, JUNE 27, 1901.

No. 187.

Cycas Revoluta

Dormant Stems. The LONG LEAF variety only handled.

NEW IMPORTATION JUST ARRIVED.

Per 100 lbs.....\$8.00 Per 1000 lbs..... \$70.00
Per 500 lbs....\$37.50 Per 2000 lbs... \$130.00

Please state with order what size wanted, from 1/4 lb. to 30 lbs.

Prices on all SUMMER, FALL AND WINTER BULBS cheerfully given by

F. W. O. SCHMITZ, JERSEY CITY, N. J.

ROSES Best and Cheapest in the market.

All Shipped from 2 to 2 1/2 and 3-inch pots. Splendid Roots and Fine Plants.

500 Golden Gate.....	2 1/2-in. pots,	\$2.25 per 100.
1000 Bridesmaids, 2 1/2-in. pots,	\$20 per 1000,	2.25 "
200 Perles	2 1/2-in. pots,	2.25 "
400 Kaiserin	"	2.25 "
400 "	3-in. pots,	3.00 "
250 La France	3-in. pots,	3.00 "
200 "	2 1/2-in. pots,	2.25 "

CASH WITH ORDER. GEO. A. HEINL, TOLEDO, OHIO.

KENNICOTT BROS. Co.

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Paeonies, the best, \$3.00 to \$5.00 per 100.

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WM. F. KASTING

WHOLESALE
COMMISSION
FLORIST....

ROSES, CARNATIONS
And all kinds of Season-
able Flowers in stock.
Also dealer in Florists' Supplies
and Wire Designs.

481 Washington St., BUFFALO, N. Y.

Open Day and Night. Give Us a Trial. We Can Please You.



We book orders now for August and September only.

Lil. Longiflorum Multiflorum.

The narrow leaved, tall growing variety. Blooms 10 days earlier than the regular Longiflorum.

7-9 in. bulbs, 100 per cent. single crown, per 100,	\$4 25	per 1000,	\$38.00
9-10 " " " " " "	7.00	"	66.00

Primula Sinensis Fimbriata, Extra Qual-
single, in separate colors or mixed, per trade pkt., 50c.

Cineraria Grandiflora and Calceolaria Grandiflora,
Prize Strains, per trade pkt., 50c.

W. W. BARNARD & CO., 161 Kinzie St., CHICAGO.

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PINK GOLDEN GATE

(See our half-page adv. in previous issue.)

AMERICAN ROSE CO., Washington, D. C.

is offered by several good growers and by ourselves at \$2.00 per 100. Try a hundred of their plants or ours so you will buy

White Golden Gate

IN APRIL, 1902.

ESTABLISHED 1802

THORBURN'S SEEDS

JUST ARRIVED IN FINE CONDITION
CYCAS REVOLUTA STEMS
 Assorted sizes. Price, single stems at 10c per pound; in 100-pound lots at 9c per pound.

ALSO FRESH SEEDS OF

	Per 1000	5000 & up at
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Kentia Belmoreana...	4.50	4.00
Forsteriana...	4.50	4.00

J. M. THORBURN & Co.
 (Late of 15 John St.)
 36 CORTLANDT STREET, NEW YORK.

SEEDS FRESH SEEDS FRESH SEEDS

Asparagus (TRUE) Plumosus Nanus...	100	1000
Asparagus Sprengeri...	50c	2.00
Calceolaria Hybrida Grandiflora Maxima...	about 500 seeds.	25c
Calceolaria Hybrida Nana Grandiflora...	about 500 seeds.	25c
Calceolaria Hybrida Nana Dwarf...	about 500 seeds.	25c
Cineraria Hybrida Grandiflora Maxima...	in most brilliant coloring...	packet 500 seeds.
Cineraria Hybrida Nana Dwarf...	pkts. 50 seeds.	25c
Cineraria Hybrida Nana Dwarf...	pkts. 50 seeds.	25c

PRIMULA S. Finbriata best strain. PRICE FLOWERS:

ROSE Splendens Kermesina...	25c	\$1.25
Araucaria...	25c	1.25
Alba Margifolia...	25c	1.25
Chiswick Red...	25c	1.25
Coerulea (True Blue)...	25c	2.00

PANSIES, best strains, French, Cassel, Buren, in separate colors, white, black, yellow, blue, red, bronze, striped, etc. In sorts named. Giant, Triumphant, Odeon, Cascade, Buren, any of these, 1000 seeds, 25c; 5000 seeds, \$1.00. Send for New Catalogue—many interesting novelties. Address:

H. H. BERGER & Co.,
 Est. 1878. 47 Barclay St., NEW YORK.

GERANIUMS!

Now is the time to secure your stock for next season at a low figure.

Extra strong plants from 3-in. pots of the following sterling varieties and standard varieties at \$4.00 per 100.

Due de Montmart.	Pierre Le Bran.
S. A. Nutt.	La Fayette.
Harvel.	Richelieu.
Wm. Fitzler.	Richelieu.
La Favorite.	M. A. Borie Aine.
Mus. Brouat.	Sauv. Nivern.
Dr. Despres.	Canoas.
Caspar.	

Also, fine stock of the above and others, from 2½-in. pots, at \$2.50 per 100, \$20.00 per 1000.

NATHAN SMITH & SON, Adrian, Mich.
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...SMILAX...

\$1.50 per 100; \$12.50 per 1000.

ASPARAGUS PLUMOSUS,

3-inch, \$5.00 per 100; \$40.00 per 1000.
 Ready to ship July 15th.
 Send for sample.

ALBERT M. HERR, Lancaster, Pa.

GERANIUMS good collection, 2-in., \$2.00 per 100. Dble. fringed Petunias, choice, 2-in., \$2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2 inch, \$5.00 per 100. Asparagus Sprengeri (seedlings), \$1.00 per 100.

E. I. RAWLINGS, Quakertown, Pa.
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HARDY HERBACEOUS PLANTS.

— REASONABLE —

EDWARD B. JACKSON
 STAMFORD, CONN.

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USE Up-to-date FLORISTS' SUPPLIES.

M. RICE & CO.

Importers and Manufacturers,
 918 Filbert Street, PHILADELPHIA, PA.
 Catalogue for the asking.
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Arrived in fine condition the following Orchids—Miltonia Canclada, Oncidium Crispum, O. Sarcoches, O. Variuosum Rogersii, Zygopetalum Mackayii and Z. Cralicum.

First class Peat. Moss, and Orchid Baskets always on hand.

Lager & Hurrell, Growers and Importers... Summit, N. J.
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XXX SEEDS

Not to be compared to cheap imported seeds

CHINESE PRIMROSE—Finest known: large flowering fringed, 15 varieties, single and double, mixed; 500 seeds, \$1.00; half pkt., 50c.

PANSY, Finest Giants—Extra fine; the best of the mammoth flowering varieties, critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.

CINERARIA—Choicest large flowering dwarf varieties, mixed; 1000 seeds, 50c.

JOHN F. RUPP, - - Shirneaston, Pa.
 The Home of Primroses.
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ZIRNGIEBEL GIANT MARKET AND FANCY PANSIES

(New Crop Seed READY NOW.)

Trade packages of these celebrated strains at \$1.00 each; also separate colors—blue, red, black, white and yellow.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.
 Mention The Review when you write.

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Dreer's Aquatic Nurseries,
 HEADQUARTERS FOR AQUATIC PLANTS OF ALL KINDS.

These may be planted during any summer month, but June is best. We furnish choice plants of *Nymphaeas*, Tropical day and night flowering varieties, *Nelumbiums* of all kinds, and the Queen of Water Lilies, *The Victoria*, which should not be planted until last of June unless artificial heat is supplied. We gladly give any information desired, both as to plants and construction of ponds, large or small.

HENRY A. DREER, PHILADELPHIA, PA.

NEW CROP NORTHERN DAGGER FERNS now ready, 75c per 1000. Galax Leaves, Green or Bronze, 75c per 1000. Laurel Festooning, 4c, 5c and 6c, per yard.

Special attention given to orders for Weddings, etc.

CROWN FERN CO.,
 Telegraph Office, New Salem, Mass.
 P. O., MILLINGTON, MASS.
 Mention THE REVIEW when you write.

Rose Plants

GOOD, HEALTHY STOCK.

Kaiserin Augusta Victoria,

3-inch, \$4.00 per 100; \$35.00 per 1000.
 2-inch, \$3.00 per 100; \$25.00 per 1000.
 Cash with order.

Martin A. Magnuson,
 3309 N. Western Ave., CHICAGO, ILL.
 Mention THE REVIEW when you write.

JOSEPH HEACOCK,
 GROWER OF

Fine Palms,

For Price List SEE PAGE 45, JUNE 6th.

REED & KELLER,

119 & 122 West 25th St., NEW YORK, N. Y.

Manufacturers Florists' Wire Designs, of..... Florists' Wire Designs, Importers and Dealers in Florists' Supplies, Galax Leaves and all Decorative Greens.
 Mention The Review when you write.

PANSY Plants.

Fine strain of large blooming Pansies, small plants, 50c per 100, by mail; \$1.00 per 1000, by express. Cash with order please.

Charles S. Dutton, Wholesale Grower of HOLLY HERACIOUS FERNS,
 85 W. 12th St., HOLLAND, MICH.
 Mention The Review when you write.

THE FLORISTS' MANUAL.
 A Reference Book for Commercial Florists

MISCELLANEOUS SEASONABLE HINTS.



Palms.

Most florists have in their houses a few large palms which they use for decorating. It will do these plants a very great deal of good if they are stood out of doors during summer. It is a mistake to think that palms burn; they do, most of them, only if neglected for water. The exceptions are the arecas. Those I would not advise you to put out unless it is in an entirely shady place. Palms will also burn when grown in a dark shady house and suddenly removed to the full sunlight, but I am not supposing you have grown your kentias and latanias in a shady house and with much heat. Under ordinary treatment they can be moved to the brightest rays of the sun. By all means sink the plants in the sod or have some plunging material around them and keep them well supplied with water. It is when dry that they burn. We have for years been putting out latanias, kentias, phoenix and some of the larger pandanus and consider that they are much better and more serviceable plants in the fall than if coddled up under glass. This, of course, does not apply to small or moderate sized plants that you want to increase in size. In addition to plunging the plants, an inch or two on the surface of the soil of some good manure will help them a great deal.

Gloxinias.

I hope you have not in this busy time neglected your gloxinias. We find them a very salable plant during July and August, but they want a little more growing than most of our plants. They also want very careful potting or you will break their leaves in the operation. Soil I have never found of any great consequence. A good loam with a fourth of leaf mold or well rotted manure, or even of spent hops, suits them admirably. They do not like a dense shade and a close house or they will get rusty; neither will they stand the brightest sun. A slightly shaded house is best. I have never grown as good plants as when I stood each plant on an inverted 6-inch pot and gave plenty of room for daylight between them. Watering is also a great point with gloxinias. They do not want to be over watered and yet if allowed to flag they lose their flowers soon. Watch them and water when they want it with no unnecessary amount on the leaves.

Hydrangeas.

Don't forget to plunge, if you have not already done so, your hydrangeas out of doors in the broad sun, but see that they are well plunged and do not suffer for want of water. I once made a failure of these by standing them too close and they got very much crowded. As they grow give plenty of room so the light can get all around them.

Primroses.

Your young Chinese primroses will

now be wanting a 2-inch pot. Some growers get these into a cold-frame during summer, with a shaded sash. That will do if you are sure not to neglect them. I have had the best results by keeping the young plants in a shaded house. While growing primroses don't forget obconica, and the "Baby" primrose, Forbesii. They are easily raised and are most useful for cut flowers during winter.

Soil.

Some florists may be better situated than others for the supply of soil or potting earth, or "dirt" as it is too often called by our customers. I have learned for a number of years that it is an excellent idea to buy it whenever it is offered. If you are situated in a growing city you will find every year there is more difficulty in obtaining this important article. As I have often remarked, a man will lay out a thousand dollars a year, or even five thousand, for coal, but will grudge one hundred for soil. It is true we must keep warm, but good soil is the foundation of our business, and even if you buy enough for two or three years ahead it is money well invested. Another thing, you should not put it off till October and then be busting around to see where you can buy fifty loads of soil. Get it done at once, while you have time to attend to it.

I think as good a plan as any for the florist who does a lot of potting is to lay the soil if possible in layers six inches deep. Put two or three inches of manure on the top of this, letting each layer have a good application of the hose until it is thoroughly wet through, then another layer of soil and follow on with the manure, and so on till the bed is about four feet high. At this time of the year if properly wet when being piled up the manure will quickly decompose and in two months you can chop it down, beginning at one end, and throw it over, and if possible before winter one more turning will be good, but if that is too much labor the turning over that it gets as you wheel it into your shed for winter use will be sufficient.

Benches.

You are sure to have a good many repairs to do. We always do every summer. There should be little delay about this, for it is much pleasanter to take a rest after your work is done than to have the work continually before you. In fact, those who plant chrysanthemums and roses must have their benches in order at once, and those who grow carnations have no time to spare because the first of August is pretty well agreed upon as late enough to plant this most important crop.

I have many times recommended using 2-inch plank instead of 1-inch boards, and if the right material is used I still think it is the cheapest in the end, but perhaps not where your benches were used for plants, as you are more often making changes in these houses

than you are with the crops that grow in the solid benches. We use planks 6 inch by 2 inch of hemlock. I am aware this wood is not common everywhere, but it is the cheapest with us and is better than cheap white pine. Where you are fortunate enough to be so situated that you can get cypress, or, as the Canadians do, use tamarack, that lumber is much better than either pine or hemlock.

I have no reason to alter my opinion about the use of a good dressing of water lime, or, as it is properly known, hydraulic cement, although the greatest benefit from this is, of course, on new lumber, and it pays well for the time and expense of applying it, as it keeps the water out of the wood and adds two or three years to its durability. We put a 5-inch pot full of water lime in a mail and fill it up with water, keeping it well stirred or it will settle quickly, then apply with a whitewash brush. In fact, the mixture had better be about as thick as you can spread it on the boards.

Empty Pots.

A very simple thing that should hardly need writing about is the care of our empty flower pots. With people who do a retail and general plant business there is a very great accumulation of empty pots just now. I am sorry to say I found recently some young men who were inclined to argue with me that it was quickest and cheapest to throw the pots under the bench. This I entirely disagree with. The very worst place to keep flower pots is under the bench. You are sure to have some crop over them that will keep them continually moist, and if there is anything that will unfit a plant for healthy growth it is a water-logged, dirty pot. Never mind the few days' labor. You can move many thousand pots in a few days. Get them out somewhere in orderly and compact piles where the sun and rain can beat down on them. Even if it is only the fact of their having been once thoroughly dried out it will do them a great deal of good.

WILLIAM SCOTT.

TIMOTHY EATON.

To guide growers of "Timothy Eaton" chrysanthemum aright, and make it a success, we desire to say that the flower being naturally a large one, requires that the plant to produce perfect specimens should be grown only to single stems, giving liberal space. Ours last year (as seen by Mr. Scott, of Buffalo, and other prominent florists) were planted in 3-foot beds, five plants across, and nine inches between the rows. All were planted in like manner. This does not mean that for exhibition purposes or special market a wider space would not be advantageous, as it certainly would be.

The crown bud must not be taken before end of August or beginning of September and great care should be exercised in syringing that water does not lodge in it, as early buds are liable to come cup shaped and thus hold water and rot. Terminal buds have produced much larger and finer flowers than those exhibited by us last year at various places. The plant will stand liberal feeding.

We write these notes to aid purchasers of stock, as we are desirous they should make "Timothy Eaton" a success and surpass our efforts in growing it last year.

MILLER & SONS,
Bracondale, Ont.

THE RETAIL FLORIST.....

Plants.

Year after year we find a remarkable decrease in the value of the small plant trade in New York, particularly from a retail standpoint. The profits, if any at all, from that end of the business, have become so very small that the majority of store florists only buy to fill some order, or carry a small stock just for appearance sake. There are two great reasons for this, the auction room and the peddler's cart. We have a shed for a market where the growers assemble at dawn and clear away by 8 a. m. The place is a gigantic disgrace. We often go there to watch the evolution of the plant trade. A few years ago every florist with a store in and about the city could be met there at daybreak buying his wagonload of plants, but now it is all changed. The retail florists are scarcely seen there—one not but the peddler, the fishmonger, the butcher, or professional speculator. This means a very serious loss to the grower, prices have gone downward and instead of there being an increase in the number of plants grown it appears to us the reverse is the fact.

There is something very remarkable about all this. At the auction rooms last week coleus from 2½-inch pots brought an average price of 1½ cents each, and geraniums could be bought at from 1½ cents up to 5. On Saturday last the residential section of the city was kept interested by the peddlers, who offered fine geraniums in 3½-inch pots for 5 cents each. What must they have paid for them? And can they be grown at that with any profit? It is apparent to all at any rate that the retailer cannot compete with such a condition, and it would be wiser and better for the future of the plant trade were a suitable market provided where the public could go and purchase direct from the grower.

The day is fast going, if it has not already gone, when the average store man can afford to carry a respectable stock of bedding plants, for in the first place it must be always in bloom and in tip-top condition, and the expense of keeping it so far exceeds the recompense. 'Tis only where one has vase or box trade that any profit can be made, and they are foolish who make up such an order at the actual value of the plants, as we know many are guilty of doing without any reason.

We notice a great transformation in the material and make-up of summer vases. This year more palms and foliage plants are being used. They look richer and more substantial than where flowering plants only are in evidence.

Window Displays.

There has been nothing very remarkable seen in the New York florists' windows of late. When the weather gets any way warm windows become neglected and are often discreditably. One Broadway store has a bark-covered tank with fountain in center; several varieties of cut water lilies float; the water,

and altogether the exhibit looks cool and otherwise attractive. That is Small's window. Thorley for the past three weeks has been displaying a vase of very fine white chrysanthemums; the blooms are about five inches in diameter, of the Queen type; they are the greatest curiosity on the market just now; of course the stock is exclusive, there is not much call for it, all the same they are very fine for bunch or vase work, and it goes to prove that there will soon be no season for any kind of flower, which is rather a detriment to the business.

Shakespeare gladiolus, Hydrangea Otaksa, centaureas and a general assortment of outdoor flowers constitute the majority of window stock. Summer windows are easily kept creditable by a sensible selection of material. The florist's store, particularly on hot days, is generally considered by the public to be refreshingly cool; the sight of a few green plants in your window alone is often capable of producing that effect. There is nothing that will stand better than a

wealthiest summer resort in the world, something in the shape of a floral fete cannot be gotten up. We are under the impression that it would require very little exertion on the part of the local society to get up an annual floral affair that would do more good in one year than all the shows they have held for the past decade. American floriculture depends almost entirely on commercial values. The flower shows of the future must needs be associated with some festive occasion, where utility, in the shape of adornment, will bring pleasure and profit to all. Florists are on the wrong track when they stick a few flowers in bottles on a bench and get huffy and ugly because the American public don't rush in to fall in rapture before the queenly splendor of their pets. Times and peoples have changed; they look for entertainment and are willing to pay for high quality. If the same amount of money and energy were put into summer floral fetes as is put into winter shows results would be far more profitable. It is a question that deserves consideration.

The occasion of the convention at Buffalo in August should and could be made an eye-opener as a floral event at small cost. At least something should be done to have the retailers add whatever they can to the beauty and impressiveness of the floricultural display there, be it only in an inexpensive display of artistic ability.

Business is almost at a standstill in all the eastern cities. Flowers are cheap and abundant, the street stands are



No. 1.—Outdoor use of Foliage Plants.

few good aspidistras, although almost anything green will do well if properly cared for. A mistake is made in having an empty window or filling it with baskets or paper boxes. There is nothing like letting people see you are alive and in business; there are always some good flowers to be got, and there is no telling who may come along.

The Summer Resorts.

There promises to be some good big floral decorations at the summer resorts this season, and we will deal with that subject next week. Pity it seems that in a place like Newport, which is the

doing the most of the cut flower trade. Funeral work consists mainly of wreaths and loose bunches. At the high school and college graduating exercises so far large bunches of roses, carnations and sweet peas were the principal floral tokens sent; very few baskets. Many of the stores will no doubt be closed on the Fourth of July; all of them should be. Put the American flag in your window and let all enjoy the great day.

IVERA.

PECATONICA, ILL.—Winchester & Son report that business has been very satisfactory with them the past season.



No. 2.—Outdoor use of Foliage Plants.

OUTDOOR USE OF FOLIAGE PLANTS.

The outdoor use of foliage plants is by no means a novelty to the gardener in this favoring climate, but is a method of beautifying the garden that is doubtless growing from year to year, and from the interesting and beautiful examples that are presented in the accompanying illustrations (reproduced from "Möller's Deutsche Gärtnerei Zeitung") we have evidence that our German brethren also practice and appreciate this branch of the art. Indeed, it is said that the first use of what are termed sub-tropical plants for outdoor planting was made in continental Europe, and in France and Germany in particular, after which we find that sub-tropical bedding became a notable feature in some of the parks of London, and in Battersea Park in particular fully thirty years ago, under the management of Mr. John Gibson, a gardener of the old school and one who was deservedly renowned.

In the early European practice of this kind of gardening it was thought necessary to build up the beds that were to be used for these tender foliage plants, using a considerable quantity of drainage material beneath them, and also raising the sides of the beds with brick or stone work. Such a course may have been well to follow in the less favorable climate of some of those countries, but here rather an opposite course is usually found to be desirable, from the fact that we are so bountifully endowed with bright sunshine that it would be almost an impossibility to keep the plants wet enough if the beds were raised above the surrounding ground.

Rich soil and an abundance of water are among the essential conditions for the welfare of these plants when placed in the outdoor garden, and time may be lost rather than gained by too early planting, June 1st being quite early enough as a rule, though an exceptionally warm season may permit of an earlier start than this.

Strong contrasts in form, color and foliage are quite permissible in this

style of gardening, provided that a harmonious irregularity be produced, such as that shown in illustration No. 1, in which we find a large clump of *Arundinaria japonica* (*Bambusa Mektake*) as the most prominent feature of the background, that is, unless we consider the trees in the distance as being the background proper. In front of the *arundinaria* a fine mass of the Egyptian papyrus, *Cyperus Papyrus*, and a clump of tall growing cannas are seen, these in turn being more closely connected with the surrounding sod by a planting of smaller cyperus and assorted plants.

Toward the right side of the picture another strong contrast appears between the massive leaves of the Abyssinian banana, *Musa ensete*, and the foliage of some grass-like species, among which appear *Arundo donax* and *Pennisetum* (or *Gymnothrix*) *latifolium*, while the fine specimen of *Fourcroya gigantea* in the foreground forms another pleasing and distinctive feature in this arrangement.

Picture No. 2 is less distinct, but displays a pleasing arrangement of foliage among which finely cut forms predominate.

Picture No. 3 evidently shows the clever combination of permanent and transient plantings, the splendid bamboos at the back and also the large-leaved plant at the right of the picture (probably *Gunnera scabra*) being among the permanent occupants of the garden, while the musas, cyperus, dracaenas and various other plants in the foreground and also the fan palm in the extreme left of the picture are among the transient members of the combination, the completed effect being a very pleasing one.

A very striking effect is that secured in the large bed of foliage plants shown in picture No. 4, the musas and *Caladium esculentum* showing a noble growth, while the *pennisetum* also gives proof of having found congenial quarters. The smaller groups around the large bed seem to be of doubtful advantage in this case, and in the opinion of the writer the large bed would be even more

effective without them, though it may be that they have been so placed to secure some particular color effect.

The musas shown in this picture have unusually good foliage, and it would seem that they must be protected to some extent from strong winds, the leaves of this musa being often much torn by the wind during our breezy summer weather, though the plants will continue to grow quite rapidly notwithstanding this disadvantage. *Musa superba* is possibly a little tougher in the foliage than *M. ensete*, but even this also gets torn quite badly at times.

But these pictures by no means exhaust the list of available subjects for sub-tropical bedding in our climate, and we may also include various ficus and aralias, *Grevillea robusta*, crotons and acalyphas, ricinus, abutilons and many others, without considering those deservedly popular plants, the improved cannas. W. H. TAPLIN.

THE PAST CENTURY.

We reprint below a very interesting and comprehensive review of the wonderful progress of floriculture during the nineteenth century, written by Mr. R. Dean and published last January in the *Gardeners' Chronicle*, of London, England. It will no doubt surprise many who have not stopped to give this matter thought to learn that practically all of the present favorites were introduced or developed during the past hundred years. And as only by the accomplishments of the past can we realize the possibilities of the future, we feel sure this record cannot fail to deeply interest every thoughtful member of the profession.

The first thirty years of the century which has just closed were passed in a time of great political excitement at home; the people were groaning under a heavy load of taxation; political liberty was restricted, and penal laws cruel in the extreme. During such a time horticulture was at a low ebb. It was scarcely a period to spend money on pleasures; there were dangers abroad, and unrest at home. In Lancashire, at Norwich, and elsewhere, where they formed little colonies, the Flemish weavers were tending their auriculas and tulips, which their forefathers had brought with them at the time of the immigration, as things too precious to leave behind them; and they, living somewhat apart from the peoples among whom they settled, kept alive their love for such subjects by carefully tending them.

THE GREENHOUSE.

Glass erections for the culture of plants, such few as existed, were heavy in design and uncouth in appearance; cumbersome woodwork and fanciful elevations operated to make such houses ill adapted for the successful cultivation of plants. Heating by means of hot-water apparatus was unknown until some years afterwards; the old brick or tile flue, and the Poimaise system, which was based upon the principle of drawing the cold air from the house or pit, and forming a chamber around the stove, were in operation. It is curious to note how steadily the introduction of heating by hot-water pipes was resisted in some quarters. John Abercrombie, in 1820,

writes of the forcing-house, furnished with "internal flues, ranged along the front, or middle, for fire-heat, and sometimes, extending along the middle space within" as a perfect system of heating, and the opponents of the new system contended that brick-flues colored grapes far better than they would color under any other system of heating. Plant culture was imperfectly understood; the great bulk of the gardeners in those days confined the culture of their choice plants to small pots, as they appeared to have but little idea of forming specimens. They were grown on steep stages, rising by successive narrow shelves to near the roofs of the house, and I have heard the late Mr. John Lee declare that he had known cases of gardeners using the shears for the purpose of keeping the growing shoots within due bounds.

EARLY INTRODUCTIONS.

In the first twenty years of the century but very few of the leading subjects cultivated in our days had been introduced. A few were to be found in gardens, such

as *troedodipladenias*, *clerodendrons*, *ixoras*, *alamandras*, *bougainvillea*, several *erics*, *apacris*, *statice*, *stephanotis*, etc., which remain to this day the leading exhibition subjects, with *eucharis*, *anthurium*, *lapageria*, etc. The *camellia*, once the most popular of greenhouse plants, has gone through a period of decline in the public estimation, probably on account of the severe symmetry of its blossoms which do not commend themselves to the present-day tastes. Still it is a conservatory plant almost without a rival. Its ample leafage is always handsome, and the habit of growth on the whole desirable. It is occasionally said there are signs of revival of the *camellia* in the estimation of the gardening public, which is a reasonable assumption.

THE AZALEA.

Azalea indica was introduced in 1806. *A. amena* and *A. sinensis* are later introductions. In 1823-1824 appeared *A. variegata*, *A. ledifolia* and others, also introductions from China; and by 1850, some twenty or so named varieties had been collected, the result of cross-breed-

Newington, was among the first to recommend taking the seed and raising seedlings—this he was doing nearly sixty years ago, and after him came a number of others, all of whom in some degree assisted the advance. Rich, deep colors have been imparted to the flower; a large flowered section has been obtained; and also what is known as the "Butterfly Section" with thin plumed and fringed petals; a singular and attractive break which is destined to add additional value to the *cyclamen* as a decorative agent.

THE CANNA.

In the early part of the century *Canna indica* and *glauca* were included among scitamineous hothouse plants. It was not until Mr. A. Roger, within the last forty years, used the few cannas then in cultivation in his illustrations of sub-tropical gardening in Battersea Park, that the plant became popular, and since then, by the aid of M. Crozy and others, improvements have gone on by leaps and bounds. In the greenhouse and conservatory, and also in the open ground in summer, the *canna* is an invaluable decorative subject, with handsome leafage and brilliant blossoms of larger size.

THE GARDENIA.

Several specimens of *gardenia* were in cultivation in the early part of the century; among them *G. florida*, introduced from China a half century previously, and *G. radicans*, which came from Japan in 1804. We have witnessed the *gardenia* ranking as the chief button-hole flower of the rich; and we have seen it hawked in the streets of London at one penny per bloom. Its almost overpowering fragrance has perhaps operated to bring about something in the way of neglect.

THE RHODODENDRON.

The introduction of *Rhododendron javanicum* in 1847 gave the introducers, Messrs. Veitch & Sons, an opportunity to employ it for the purposes of hybridization, and there has resulted a race of greenhouse *rhododendrons*, double and single-flowered, that bloom during the autumn and winter as well as in spring and summer, of brilliant and varied colors, producing large, bold trusses of bloom. They gleam forth amid the murky days of midwinter with a brilliance peculiarly their own.

THE CLIVIA.

Clivia miniata and the many fine varieties raised from it is a product of the latter half of the past century. But little variation has come in the way of color, as the varieties are restricted to yellow and orange shades; the plant has yet a great decorative value, its imposing trusses of bloom being very striking in appearance.

THE GLOXINIA.

Few plants have moved on with such enormous strides as the *gloxinia*. The last sixty years has seen the pendent, flat-mouthed corolla changed to one quite erect and perfectly circular in outline (regular *peloria*). The first erect form was obtained in 1884, and was named *Fyiana*, after the raiser, Mr. John Fyfe. The strains in the present day are so fine, and withal so perfect, that improvements appear to be almost at an end. Our cultural methods have advanced



No. 3.—Outdoor use of Foliage Plants.

as *Allamanda cathartica*, *Amaryllis reticulata* (*A. vittata* is not mentioned, though it would appear Dean Herbert was at work with this quite by 1820), *Ixoras alba* and *coccinea*, *Gloxinia maculata*, *Plumbago rosea*, *Vinca rosea* and its white variety, and a few others.

In the forties and fifties the brothers May, Cole, Barnes, Green, Carson, Glendining, the brothers Fraser, and others, were exhibiting many hard-wooded plants, such as *adenandra*, *aphelandra*, *chorizema*, *correa*, *crowea*, *cyrtocera*, *darwinia*, *draecophyllum*, *eristemom*, *francisea*, *gompholobium*, *justicia*, *kalosanthes*, *medinilla*, *metrosideros*, *Meyenia erecta*, *monochetum*, *pavetta*, *polygala*, *sollya*, *swainsonia*, *tecoma*, *tetratheca*, *thyrsacanthus*, *tremandra*, etc., that are now very rarely seen at a first-class exhibition, and which there is reason to fear are in danger of being lost to cultivation. With the advent of Thomas Baines and his compeers, came almost a new group of specimen stove plants, for there had been meanwhile in-

ing. Such names as Ivory, Knight, Kinghorn, Smith and Lee were among the earliest improvers of the *azalea* in this country, and it is not to be wondered that it became a very popular conservatory and exhibition subject. Of late years the greater part of the new varieties have come from abroad, including double forms of great beauty, and a few have originated by means of sports. Mr. W. Carmichael and others have obtained valuable hybrids by crossing *A. amena* with *A. indica*. The *azalea* bids fair to remain a popular plant for many years to come. There were double-flowered varieties as far back as 1850.

THE CYCLAMEN.

During the first quarter of the last century, no attempt appears to have been made to improve *Cyclamen persicum* (*latifolium*), introduced nearly a century before. It would be difficult to state who were among the first to lead the way in improving the type by means of seeding from it. Kendall, of Stokes



No. 4.—Outdoor use of Foliage Plants.

also, and it is possible to have the plants in flower six months from the time of sowing the seeds. This is an achievement of which those who grew gloxinias forty years ago little dreamed.

THE BEGONIA.

One of the most notable products of the nineteenth century was the tuberous-rooted begonia. Of the five or so species of begonia which were in cultivation in 1820, *B. nitida* appears to be the only one which has survived. Col. Trevor Clarke and Mr. W. Earley were among the earliest to obtain hybrids of the fibrous-rooted type; the former produced among others *Weltoniensis*, the latter *Digswelliana*. There were other seedlings as well as introductions from foreign parts, including the glorious *B. corallina* from Brazil about 1845. *B. fuchsoides*, which came to us from New Grenada in 1846, became very popular for a time, and up to within the last thirty years formed a part of most collections of plants. The enormous development of the begonia in later years is too well known to be mentioned here.

THE CALCEOLARIA.

The calceolaria, which at the opening of the last half of the nineteenth century was of generally tall growth, and small flowered, has been carried to the other extreme. The plants of leading strains are now very dwarf, with dense clustered heads of bloom of large pouch-like corollas, in which the quality of shape which ruled a quarter of a century ago is to a large degree wanting.

THE CINERARIA.

The cineraria has passed through a similar experience, the somewhat tall growth and finely-shaped blossoms of a generation ago have given place to a dwarf, compact habit, and very large flowers, which, while in themselves striking, yet to a large extent lack the substance and symmetry of a former period. Mere size, both in the calceolaria and cineraria, may be said to rule; and yet, as if in protest against the uncouth dimensions of later developments, the

original type, *C. cruenta*, is being cultivated, and already seedlings show a tendency to increase in form and size; while their tall habits and free-blooming characteristic make them desirable as conservatory plants. It seems as if the old way of improvement was being re-trodden in our day.

THE PRIMULA.

Some such experience appears to be going on in the case of *Primula sinensis*. While in the early fifties only the old but improved types of the red and white were grown, since then there has been an active time of intercrossing, with the result that the varieties have increased to a great extent, and colors which it was never anticipated by the old growers could be seen in the Chinese primrose, have been obtained, such as rich crimson, shades of lavender, etc.; and double forms have also been secured, so that the value of *P. sinensis* as a decorative agent is evidenced on every hand. Here also the old single type (not the original species) has been taken in hand, and there has been obtained a strain of very free blooming smaller single-flowered varieties, termed "Star" primulas, which are popular in many quarters. But any attempt to improve these seems likely to lead eventually to the improved forms to which a course of half a century's selection have led us.

THE FUCHSIA.

The fuchsia, which, as the late Mr. John Lee stated, was brought to London by a sailor at the end of the last century, and purchased and distributed by his father, yet remains a popular greenhouse plant, though now, probably, more employed for the decoration of the flower garden than in the house, and especially is this true of our London parks. The name of Edward Banks stands out most prominently as an improver of the fuchsia in the past, as that of James Lye does in the present. But many others have assisted in its development. *Fuchsia coccinea* appears to have been the only one known in 1820 (*F. magellanica* is now often grown un-

der this name); *corallina*, *corymbiflora*, *fulgens*, and *tripleylla* are species we owe to the nineteenth century, and of these the Mexican *fulgens* is most widely cultivated. Lye's later improvements show free and vigorous habits of growth united with marvelous floriferousness. The fuchsia is a plant adapted to so many methods of usefulness that it is likely to remain in cultivation for another century to come.

THE ABUTILON.

No abutilon was known during the first quarter of the century, for the well known *A. striatum* did not come to us from Brazil until 1837, and the improvements shown in the new varieties raised from it belong to the last half of the century; so do such species as *insigne*, *megapotanicum* and the variegated leaved *Thompsoni*.

THE ACHIMENES.

The achimenes, once a much more popular subject among gardeners than it is in the present day, had one representative in this country at the beginning of the century—namely, *A. coccinea*. The violet *A. longiflora* was introduced in 1841, and this, with *A. grandiflora*, which appeared the following year, have largely given us the fine varieties cultivated in the present day. We thus owe the free-flowering achimenes to the century which has just closed.

THE AMARYLLIS.

The amaryllis (*hippeastrum*) is a subject which has undergone a remarkable transformation during the past century. Dean Herbert led the way, and there were always others who in greater or less degree carried on the work of improvement. It was an epoch-making period in the history of the flower when the Peruvian *H. pardinum* appeared in 1866. This was found to blend with the forms in cultivation, and in the hands of Messrs. Veitch & Sons there has originated a strain of great magnificence. The names of Chapman, Ker, Perkins and others are among the busy workers who are raising seedlings; but it would appear as if the limits of perfection had been nearly or quite reached.

THE COCKSCOMB.

It can scarcely be said that the crested cockscomb is holding its own as a stove and exhibition plant, though very fine examples are occasionally seen at flower shows held about the country. The introduction of the plumose form under the name of *Celosia argentea*, which has been considerably improved by selection, has furnished an admirable subject for summer bedding, as can be seen in some of the London parks. It is also of great value for house decoration.

THE LACHENALIA.

Though there were something like twenty species and varieties of lachenalia, including *pendula* and *tricolor*, in cultivation at the beginning of the century, it is only within the last twenty years that attempts have been made to produce new forms from seed, and the well known *Nelsoni* was one of the first to appear; other new forms have put in an appearance during the past ten years.

THE LANTANA.

The improved varieties of lantanas are also the products of the nineteenth cen-

tury; indeed, several appeared during the close of its first half, and L. Cameron was then a leading greenhouse plant. Of late years a number of dwarf bushy forms have come over from the continent; but they do not appear to have taken the foremost position as greenhouse plants which was anticipated. They are also useful summer bedding subjects.

Veronica Andersoni and its allies are also worthy of notice as at one time popular greenhouse evergreen shrubs, but now more frequently seen in the border.

THE CARNATION.

The carnation and the chrysanthemum dominated at the close of the century. Page states, in 1817, in reference to *Dianthus caryophyllus*, "of these there were forty-five named sorts." In the following year the flower underwent considerable transformation, but all in the direction of the florist's varieties; and they were also leading on the picotee to better development as edged flowers. Maddocks, at the end of the eighteenth century, and Hogg, some years later, by their treatises helped to popularize the flower. By 1850 there were fine varieties such as S. B. Admiral Curzon, still at the head of its class. Puxley was at work with the carnation, and May with the picotee, while other honored names were proceeding on similar lines. Then came Dodwell, Turner, Douglas, etc. Mr. Ernst Benary, of Erfurt, sent us his German and fancy varieties. Then a few years subsequently Mr. Martin R. Smith began to raise seedlings, and especially selfs, yellowgrounds and fancies, and he is now the foremost raiser of the day. Mr. Turner and others did much to improve the winter-flowering varieties; and the section of Malmaison carnations has been materially added to. The carnation is now a very popular flower both in America and at home. The laced pinks with their striking colored margins and scented petals appear to be going out of cultivation, while the new race of biennial varieties known as Margarets are becoming increasingly popular.

THE CHRYSANTHEMUM.

The chrysanthemum was practically the outcome of the nineteenth century. During the first twenty years of it there were a dozen or so known varieties. Seeds were first saved in France, and then in Jersey, and at home; alterations and improvements in form and color resulted, and the first exhibition of the flower took place in 1846. In this year Mr. R. Fortune introduced the Chusan daisy, which may be said to have originated the race of pompon varieties; and in 1862 he sent home the first Japanese types. The latter, improved beyond all hope and promise, are now the dominant section; though the old incurved type has also been greatly improved of late years; though, as some think, at the expense of the exquisite symmetry of form which once prevailed. An early flowering section of Japanese varieties is rapidly becoming popular, while some of the varieties are largely grown as cut blooms for market purposes.

THE AURICULA. ETC.

The auricle holds its own; and such raisers as Lightbody, Heady, Traill, Douglas, Simonite, Woodhead, Horner and others have added during the last

sixty years many fine varieties to the show section. The alpine varieties are the product of the last half of the century; Turner, Douglas, Phillips and others have assisted in their improvement with the best results. Its near ally, the gold-laced polyanthus, is, so far as choice named sorts are concerned, almost lost to cultivation, owing to the difficulty experienced in cultivating the choice varieties. The antirrhinum is still a popular flower, especially in the north, where the practice of naming varieties is still followed; and choice strains are generally of very fine quality. The anemone has ceased to be regarded as a florist's flower, despite its attractive vernal beauty.

[TO BE CONTINUED.]

BUFFALO.

Various Items.

The plant business is about wound up and what comes after this will feel like all profit. Business has been quite good, the many graduating classes having helped everybody. A look at Mr. Kasting's emporium a few nights ago would lead you to think there was an oversupply, but the commissioner tells me that they most all go. To show you how cold must have been the month of May, our paenies are only just now at their best. The writer gets so little downtown of late that he hardly keeps in touch with the craft.

W. A. Adams has leased his window and part of his counter to a firm of jewelers. This won't make much difference to Andy and his trade, for they know where he is and will stick to him. The North American Saengerfest meet here this week and it will bring 50,000 noble Teutons to our city, and oh, won't "Alt Nurnberg" at the Pan-Am. be busy for some days to come? This Village is the great resort for thousands of our best citizens, as well as the many distinguished visitors.

The writer had the pleasure a few hours ago to hand Mrs. William J. Bryan, of Nebraska, a handsome bunch of Paul Neyron roses. They will decorate the table while William J. and family dine in the German Village. We only do this to presidents and defeated candidates. He remarked with the sweetest of smiles, "Oh, what roses—and what a silvery hue on the petals." I replied: "Yes, sir! If them air roses was fur sale they would fetch gold!"

We have had an illustrious lot of visitors of late and none more gratifying to see than Mr. Ellwanger, of Rochester; Mr. G. L. Grant and the two Misses Grant, of Chicago. I must let Mr. Grant give his own opinions of the Pan-American. Mr. William Dreer on his road to California; Mr. Meehan, bound for Milwaukee; Mr. Charles Henderson, of New York; E. Hippard, of Youngstown, Ohio; F. T. Munson, New Haven, Conn.; L. H. Blind, of West View, Pa.

The club now meets weekly and progress is being made all along the line. Mr. Long is making a fine thing of his souvenir of the Buffalo convention. It is simply elegant in design and something that every florist in the land will be proud to own. What will make it especially valuable to the possessor as well as the advertiser is the fact that it will reach every one a week or so before they start for the convention. The committee on exhibits brought along two splendid silver cups which are to be

awarded during the convention, one for the best display of cut flowers and the other for the best display of plants, and will be known as the Pan-American cups, but are offered by the Buffalo Florists' Club for the trade exhibit.

Pan-American Notes.

Warm weather with frequent rains has been most favorable for the improvement of all outside horticultural exhibits for the past week. The Landscape Department is nearing the completion of its work. A great number of large hydrangeas have been stood around the various courts. As these are showing their flower heads they are bound to make a fine appearance later in the season. The numerous borders lying between the waiks and the buildings are being filled up. Any amount of vines, such as *Coclea scandens* and Japanese hops, are being planted against the walls and pillars. We know how effective all this will be in a short time. The sloping banks in the sunken gardens have been laid out in some very beautiful designs and planted largely with geraniums. The vases have all been filled, which has added greatly to the general appearance. This has been a gigantic task, as there must be nearly a thousand of them.

In the Exhibits Department a very fine consignment of pineapples has been received from Florida and planted in the south conservatory, where it is a fair reproduction of a Florida pinery. Peter Henderson & Co. have added to their inside exhibit a number of large tubs of Boston ferns and a splendid collection of fancy leaf caladiums. The Court of Lilies and the Court of Cypress have at last been planted. Some difficulty has been met in getting these large basins to hold water. The Court of Cypress, in which is situated the cold basin, contains a very rare collection of the very best and finest nymphaeas. The Court of Lilies, or the Victoria Basin, has two Victoria Regia and two Victoria Trickerii, besides 24 boxes containing exotic nymphaeas. Like the nymphaeas in the outside lakes, these are all the exhibit of Henry A. Dreer. The building and preparation of the basins was very costly and the exhibit has been a great expense to Mr. Dreer, and we fervently hope the results will be most gratifying. The thousand or more nymphaeas planted on the margins of the Mirror Lakes and in the many lagoons are now flowering freely and present a beautiful appearance from the banks.

The greatest feature in outside exhibits this week has been the beds of hybrid perpetual roses. The writer will rather have some one else speak of their excellence. I can only say that it was with great gratification today that the venerable Mr. Ellwanger, of Rochester, and Mr. Dreer, of Philadelphia, looked at the bed of 500 Paul Neyron and the 500 Ulrich Brunner, and both exclaimed: "We never before have seen such a show of roses." At the risk of being thought egotistical I will say I don't think their equal has ever been seen in this country. I hope to have these illustrated shortly and shall be very glad to add to the illustration a few notes of just how they were managed.

There is also, in addition to those mentioned a bed of Jacques and a bed of mixed varieties from Ellwanger & Barry, Nelson Bogue, of Batavia, has eight smaller beds which have also been of great excellence, giving us thousands of blooms. It has been decidedly the feat-



Double-Flowering Crab Apple.

ure of this week. There are only one or two beds of the nearly 200 yet vacant, and they will be filled up. The very extensive exhibit of Mr. F. R. Pierson arrived last week and was immediately put in the ground. This occupies the large beds that were earlier so gay with tulips and so much admired. They used up nearly 400 cannas, several hundred acahypha, besides a number of large musas and other plants for edging. One bed planted with Black Beauty canna and edged with variegated Arundo Donax will, I think, be a beauty.

The attendance is daily increasing, and I have no doubt about its reaching the hundred thousand mark some days of this week, and well it deserves it. There will be a splendid chance at the Pan-American for our florists to see a great number of new cannas. Henry A. Dreer, J. C. Vaughan, F. R. Pierson, C. W. Ward, Conard & Jones, Nathan Smith & Son, Henry Eichholz and W. G. Eisele are all exhibitors of new varieties.

Mr. Healy, park superintendent of Detroit, is here with a carload of palms and bedding plants and is laying out and planting an immense bed on the north side of the Horticulture Building. When completed this will be a grand and effective display.

In cut flower exhibits some very beautiful paeonies have been shown by C. W. Ward, Queens, N. Y.; Henry A. Dreer, Philadelphia; George T. Schuneman, Baldwin, L. I.; Keene & Foulk, Flushing, N. Y.; Charles Weston, an amateur of North Tonawanda, N. Y.; W. & T. Smith, Geneva; John Chauton & Son, Rochester; E. A. & W. K. Wood, West Newton, Mass.; Ellwanger & Barry, Rochester; Mrs. George W. Davis, Lancaster, N. Y.; Wm. F. Kastig, Buffalo,

and several magnificent displays from Prof. John F. Covell, Buffalo South Park Botanic Gardens.

WILLIAM SCOTT.

DOUBLE-FLOWERING CRAB APPLE.

We present in this issue an engraving from a photograph taken recently of a specimen of the double-flowering crab apple in Lincoln Park, Chicago. This specimen is about seven feet high and when in bloom is a beautiful sight, the blooms presenting the effect of small, fully open double light pink roses at a short distance. The blooms are remarkably persistent and the branches of flowers could be most effectively used in decorative work. We believe it would pay any florist to have a few specimens on his grounds for the flowers supplied during the month of weddings, to say nothing of the decorative value of the tree in case the flowers should not be wanted.

PITTSBURG.

Our flower show has come and gone and it was a pronounced success. It lasted from noon till 10 p. m. of the 19th, and by reason of the excellence and the public demand it was continued till the afternoon of the 20th, then it was broken up and the flowers were sent to the different hospitals. It was gotten up by the Florists' and Gardeners' Club. It was a show of hardy flowers and free to the people. Our members worked hard and disinterestedly and brought in their own flowers and induced their neighbors to bring in or send their posies, and we had many fine exhibits from distant friends. Altogether it was the happiest kind of a gathering. Never before in

the history of Pittsburg were so many hardy flowers seen together in one room.

On the morning of the 20th I made a business call at the office of a vigorously prominent gentleman in town and he remarked: "Well, I went to see your flower show yesterday, and it was the best I ever saw." In the course of a few minutes' conversation about it I mentioned that it was our maiden effort, there was no mercenary motive in it whatever, and, although the treasury of the club was pretty slim just now the members would cheerfully pay every penny of the expenses. His reply almost stunned me: "Why," he answered, "if it's money you need I can go out and get you \$2,500 this afternoon if you wish me to." My thanks were profuse, but we do not need the money.

It was primarily a rose show, and there were many fine collections of roses exhibited. Ellwanger & Barry, of Rochester, N. Y., sent a collection of named varieties; the other named groups came from Mr. John Murdoch, Mrs. Watson, J. W. Elliott and Schenley Park, all local. But Mrs. A. King, Mr. Mellon, Mr. H. Negley, Mr. Frick and several others showed unnamed lots of fine flowers.

Paeonies were splendid and very numerous. The chief exhibitors were Ellwanger & Barry, John N. May, Summit, N. J., W. Elliott, Elliott Brothers, John Marron, A. Murdoch, Mrs. Watson, the three brothers Ludwig, J. R. Mellon and Schenley Park.

Henry A. Dreer sent a fine lot of nymphaea flowers, including the new James Brydon. Mr. Ernest Myers, of Beaver Falls, and Schenley Park also contributed liberally of the hardy water lilies from their ponds.

Prof. O. P. Medsger, of Salem, Ohio, went out into the woods there and got up a complete collection of all of the native ferns indigenous for miles around, dug them up and mossed them separately and placed them before us in the most beautiful condition and every one named. This was a superb collection and most instructive. And a gentleman from Beaver Falls sent all the native orchids that were in blossom. From the Carnegie Museum, through the kindness of Dr. Holland, the director, and the laborious exertions of John Shafer, the curator, and his assistants, 385 distinct species of native plants, all fresh and plainly labeled with typewritten names, were placed before us and gladdened the eyes and hearts of lovers of nature and students of botany.

From Mr. H. H. Hunnewell, of Wellesley, near Boston, came 56 distinct kinds of rhododendron blossoms, including hardy and tender sorts; they were most lovely and a revelation to us folks in the Smoky City, and we gave them a front table all to themselves. And we thank Mr. Hatfield, Mr. H.'s superintendent, for the excellent packing and fine condition in which the flowers arrived. Schenley Park had thirty varieties from its outdoor plantings.

Ellwanger & Barry sent a great many blooms of hardy shrubs, especially of weigelas, and from John Dunbar, assistant superintendent of the Rochester, N. Y., park, came a wonderful collection of blooms of trees and shrubs; in fact, in variety and number it was an eye-opener to most of us. Parsons & Sons, of Flushing, N. Y., sent sprays, named, of their vast collection of Japanese maples; they were more beautiful than blossoms, and when the show was

over they were appropriated in Mr. Shaffer, botanical curator of the Carnegie Museum, who will dry them and mount them and then share them with Schenley Park. Messrs. Parsons also sent flowers of the rare Japanese *Magnolias* *Watsoni*, *parviflora* and *hypoleuca*, and other varieties, and sprays of rare oak.

Hardy perennials filled a major space. J. W. Elliott came from Cheswick with a big wagon load, including larkspur, foxgloves, poppies, Canterbury bells, pinks of many sorts, pentstemons, irises and a hundred other kinds. The Elliott brothers were also prominent in this class, and Schenley Park had an immense collection. Edward Gillett, of Southwick, Mass., had a fine lot of fire-pinks, *Cypripedium* spectabile, *Dicentra eximia*, feverfew, golden alyssum, etc. Henry A. Dreeer had the double *Clematis recta*, *Incarvillea Delavayii*, scabios, *gypsophila* and a splendid lot of *Iris Koempferi*. Mehan & Sons, of Germantown, sent blooms of perennials and so did Ellwanger & Barry, especially a fine named collection of German irises.

Our dear good friend, Mr. W. R. Smith, of the Botanical Gardens at Washington, sent a collection of cut flowers, including orchids, anthuriums, crinum, bignonias, yuccas, evergreen magnolia and others. Mr. A. Murdock showed a beautiful collection of orchid blossoms, including *ocidium*, *odontoglossum*, *cattleya* and *dendrobium* flowers. And Mr. Price, Mr. Laughlin's gardener, brought in a large specimen of *Laelia purpurata* in full bloom.

Mr. Fraser, Mr. Frick's gardener, showed a table of very beautiful *gloxinias*, and Randolph & McClements had a brilliant and exceedingly well grown hundred geraniums.

But the exhibition wasn't altogether a show of hardy flowers, some very beautiful carnations—sheaves of them, and greenhouse roses, also sweet peas and gladioli and encharis—were contributed by our local florists and others from a distance. Chief among these exhibitors were John N. May, Summit, N. J.; Mr. M. Nauman, Etna, Pa.; Theo. F. Becker, Neville Island; Fred Burki, Bellevue; Ernest Ludwig and Julius Ludwig, Allegheny; John Bader, Allegheny; Ernest Fisher, Castle Shannon; Joseph Heacock, Wyncote, and J. F. Gibbs & Sons, Woodville.

PHILADELPHIA.

The Market.

The cut flowers coming into the city are gradually changing. The Brides and Maids have nearly all made their final bow; those that have not done so ought to with few exceptions. Peonies have fled and the simon pure outdoor-grown sweet peas are driving their indoor-started sisters to the wall. Carnations remain in full force and are moving a bit better than for the past fortnight. Good ordinary McGowan, Scott and Eldorado bring 50 cents to 81 per 100; while a few Lawson and Genevieve Lord bring 82 to 83 per 100. Sweet peas are fine and in over-supply; the price is 20 to 30 cents per 100. Roses are fairly active. Beauties, Kaiserins, Meteors and Liberty are all good for the season; the prices are sagging a little.

Various Items.

The principal planting about Horticultural Hall is finished. The front entrance is ornamented by the years 1876

on one side and 1901 on the other, made of *Echeveria secunda glauca*, with a maltese cross formed of a variety of *alternantheras* and *echeverias*. Across the carriage drive are the cactus beds containing some very large plants; here also are beds of crotons and scarlet geraniums, the latter looking remarkably well. The parterre or sunken garden at the opposite side of the hall is not yet at its best, the cool weather preventing the foliage plants, which form the bulk of the planting, from coloring. One cannot but miss here the rare skill of the master hand whose touch was seen on this spot for twenty-five years.

The Eastern Plant Company has purchased two greenhouses, each 20x70 feet, at Norwood, Pa. They are also building three houses at Fifty-second and Baltimore streets, in this city. One of these houses is to be 12x70 for palms and ferns, and two 18x70 for roses.

Stephen Mortensen is adding 100 feet each to two of his houses at Southampton, Pa. One of these is planted with Beauties and the other, Liberty. He is also trying 100 plants of Robert Scott rose.

Henry I. Faust, of Merion, has two houses planted with asters for cut flowers. He uses Semple's for his center benches and Queen of the Market for his side tables. His houses were all full of good, thrifty, marketable stock.

Mrs. John Plender, Twenty-sixth and Girard avenue, has been very busy this season. It is a dark day indeed when Mrs. Plender's store is not brightened by a funeral order.

George E. Campbell, 3601 Germantown avenue, had an exceptionally fine lot of rubbers plunged in the frame. His force is hard at work preparing the chrysanthemum beds for the young plants, which are in good shape in thumb pots. Boston fern has done well here.

Henry Engler, Narberth, Pa., has a nice lot of white *Phlox Drummondii* in bloom.

Albert Woltemate held an auction sale at his store of unclaimed boards and overgrown decorative plants on Tuesday.

Penock Bros. had a pretty store window decoration of pond lilies, pink gladioli, ferns and small caladiums this week.

Krueger Bros., at Narberth, Pa., found the raising of small vegetable plants a profitable addition to their spring business.

Mrs. A. M. Banmann, Pulaski and Manheim streets, John Holt, manager, has found S. A. Nutt the very best scarlet geranium for outdoor bedding. This place has had a prosperous season.

The seedsmen have been placing a good many young roses among the private gardeners this month. They say there will be no disease among *Lilium Harrisii* bulbs this year. Let us hope they are right.

"When the seller seeks the cash
For his grower's latest sash;
Just say with a bright smile:
I have a little pile, I have a little pile,
But it's not for you, my friend,
And on that you can depend,
But soon I'll fix you up in style;
Just wait a little while, wait a little while."

Among the Growers.

The doings of those growers who have achieved success in their profession are always interesting and the writers have gathered a few notes from two brief visits in opposite directions.

Joseph Heacock, Wyncote, Pa., rose and palm grower, has moved an im-

ense quantity of palms this season. His stock of *Areca lutescens* is very large. There are some good 8-inch plants but the greater number are in 6-inch pots or smaller. All are in vigorous condition. *Kentias* *Belmoreana* and *Forsteriana* are here in great numbers. Some of the latter variety are in 12 and 8-inch pots—made up plants—a large specimen with three smaller ones, but most of these plants are grown singly and like the *areca* are in the smaller sizes. There are a limited number of *Latania borbonica* and *Cocos Weddelliana*. The latter are to be grown into 3-inch pots, made up plants, larger sizes proving unsuitable on account of the slow growth of this variety. The stock is all clean and healthy. The shading used is white lead and gasoline, the latter considered practically identical with benzine.

Five houses are planted with young Beauties, as many more remain to be filled with this variety; two and one half each with Brides and Maids and one with Meteor. The latter variety has given excellent results the past season. All the young plants look well, the Beauties now planted especially so. Mr. Heacock noticed an excellent demand for young Beauty plants this season.

Robert Scott & Son, Sharon Hill, Pa., growers and importers of Easter plants, have most of their roses in solid beds, unlike the last named establishment, Beauty being the exception. Liberty looked particularly well here, also Robert Scott, which has improved greatly in appearance since last seen eighteen months ago. A feature is the collection of new roses on trial, the most interesting one being *Florence Pemberton*, a variety of extraordinary vigor. The date and place of this future debutante's appearance have not been settled.

A house of Kaiserins planted at Easter had just yielded its first crop of flowers. This house is to be filled with *Crimson Ramblers* at Christmas for Easter blooming. The Ramblers are now making strong canes in the field. One large house is being glazed for carrying dormant roses, and three small ones are to be built this summer. PHIL.

NEW YORK.

Where are you going during vacation? This is the great question of the day among florists here, and of course the unanimous reply is "Buffalo and Niagara." Business is at its usual first of July standard. There has been considerable shipments of roses sent the past week to Pittsburg and several places in Connecticut; some of the folks in those places must have been busy. One or two of the New York florists have been busy on out-of-town weddings; in one case a special car was provided for the bouquets, etc.

The stores of all degrees might as well be closed early for what scraps of business there are: there seems to be no inclination to do so, not until after the Fourth. Very likely Chicago's famous Palmer House barber shop will be outdone in the way of glitter when Fleischman opens his store out there. Joe will probably go in for dazzling western eyes; better look out.

All hands feel sorry for Fred Smythe, whose wife and son died a week ago. Fred was preparing to spend a happy and prosperous season at Newport with those whom he suddenly lost.

We hear rumors of combinations and concentrations in connection with the New York Cut Flower Company; everything seems to tend toward organization nowadays. The Cut Flower Company is in a good location, but somewhat cramped for room.

The old cut flower market at Thirty-fourth street is about on its last legs; the principal growers there are casting about to either open a store uptown and put a man in charge or scatter themselves among the wholesalers. Some of them have become so accustomed to the Bohemian gatherings held in the restaurant below every morning that they will find it very hard to break away. The Lord knows what will become of some of the small growers attending this market. I met one of them recently and he informed me that his profit on 500 Van Stions this season was exactly 10 cents. If you care to hear hard luck stories emanating from smiling faces visit this market at 6 a. m.

Thorley's closing of his Fifth avenue store for the summer is a mere illustration of what that great street is during dogdays; every house on it and near is shut up tight, and there are days when scarcely a soul can be seen promenading this, the wealthiest avenue in the world! It is a question of making money while the sun doesn't shine so brightly there, and whatever the retailer gets he well deserves.

There were never so many buildings being torn down in the history of the city as there are at the present time. The city is being transformed. Business centers are being moved, and of course the florist is also affected. Quite a rum-pus is being made over the introduction of reserved seats at 5 cents each in Central Park. Politics nibbles at and tries to swallow everything here; it chokes the New York department of parks—they have not yet finished planting out the few miserable bedding plants yearly seen in our parks, and it is the first of July! No decent gardener can long remain in the employment of the parks here. It would seem that the whole system is but a menagerie where man is likened to the quadrupeds. Some day it is to be hoped New York will wake up and see the low position her public parks occupy in the hands of fakes and politicians.

The American Rose Society will hold its show in Newport, R. I., July 2 and 3, and it is expected that it will be well worth traveling some distance to see.

Ernst G. Asmus, having covered all his grounds with glass, is reported to have bought extensively elsewhere with a view of building more. Any one who can produce the quality Ernst does can afford to spread out to an unlimited degree despite low prices and universal grumbling. J. I. D.

BOSTON.

Trade Conditions.

The next to the last week of June made a very good market for all the first-class material that could be found and a distinctly second-class market for second-class goods; third-class goods cut no figure at all. This makes it look as if weddings and school graduations were to be credited with most of the business and the best part of that idea is that we can expect just one more week of it. Saturday was a poor day for business, which may remind you that schools do

not usually hold exercises upon that day, but I do not know that weddings are any respecter of the days of the week, even if they do seem a little partial to certain calendar months.

The call for very best red roses was not so marked, but medium grades sold readily; outdoor Jacks were plentiful, however, and kept prices very reasonable. Such a rush of peonies never was seen: Mrs. David Fisher broke the record with 1,500 blossoms in one day. For some reason most of the crop came to maturity during a very few days. Always something to hother the grower, no matter what his crop may be.

Various items are off crop. But they tell me "Billy" Good (no one will know who I mean unless I say Billy) is to be married soon. He can hardly be classed as one of Mr. Walsh's graduates spoken of last week, but he shall be given a first-class diploma just the same.

J. S. MANSTER.

ST. LOUIS.

The Market.

The weather here the past week has been very hot and dry, and we are very much in need of rain. The effect of this dry spell is beginning to tell on stock.

Roses of all kinds are very poor and only a few of them can be classed as choice. Replanting has begun in some places and other places will follow soon, which will make stock scarce for some little time. Just now stock is in good supply, but the only demand is for choice stock, which is hard to find.

Carnations are beginning to show the effects of the summer heat, though a good many first-class blooms are still coming in. They are small but are of good color.

Sweet peas are as they were last week, a regular glut, and the wholesale houses are crowded with them every morning and large numbers are left unsold.

Candidum lilies have been plentiful but are about over. They were not much in demand and more of them went to the dump than to the dealer.

The prices on stock the past week were like this: Roses, the best, \$3.00 per 100, and down as low as 1 cent each; carnations, \$1.00 for fancy; common, 25 to 50 cents per 100; candidum lilies, 50 cents per dozen stalks; snlax, 15 cents per string. This is all that can be said about the market the past week, as almost any price would buy the stock in large quantities.

Notes.

John J. C. Ernst, of Henry Ernst & Son, Washington, Mo., was in town the past week buying supplies.

A. Y. Ellison, of Ellison & Tesson, went to St. Joseph, Mo., a week ago to decorate for a swell wedding at that place. Arthur outdid himself, according to the press reports from that city. After the work was done Arthur went out looking for bowling alleys and bowlers, but none could be found—that is, regulation.

Mr. Felter, on Lexington avenue, is building a large new house, 25x100, which is about completed. Mr. Felter has had a very successful season.

Mr. Bruecker, on Maroon avenue, will build two new houses, 18x100, this summer for carnations. Mr. Bruecker sent in some very fine stock the past season

and has made quite a reputation as a grower of fancy carnations.

H. M. Schisler, of Schisler-Cornell Seed Co., has returned home from the seed trade convention, held in Rochester, N. Y.

F. H. Weber, better known as "Fritz," was married last Thursday to one of the West End girls. Many presents were sent the newly married couple by their friends. The bowling club did not fail to remember its old-time member with something that gives comfort to both.

The transportation committee has the names of twenty-five florists who have signified their intention of attending the convention. They are: F. C. Weber, Mrs. Weber, Misses Add and Dora Weber, Herman Weber, Mr. and Mrs. Fred Meinhardt and two sisters, Fred Ammann, E. W. Guy, C. C. Sanders, J. W. Kunz, C. A. Kuehn, John Connon, A. Y. Ellison, Emil Schray, F. M. Ellis, Theo. Miller, Mr. and Mrs. Maas, Carl Beyer, J. J. Beneke and A. J. Mohr.

The bowlers who will represent St. Louis in the bowling contest at Buffalo are as follows: A. Y. Ellison, C. A. Kuehn, Carl Beyer, J. J. Beneke, John W. Kunz, E. W. Guy, F. C. Weber, C. C. Sanders, F. M. Ellis and Theo. Miller. From the above six of the best bowlers will be selected as the team to bowl in the contest; so look out for us, as we are out for everything in sight.

Arthur Blome, representing the George Wittbold Company, Chicago, has been in town introducing their famous Nephrolepis Wittboldii.

Bowling.

Only four members of the bowling club were at the alleys Monday night. Three of the team that will roll at Buffalo made an average of 170, which is pretty good rolling. Mr. Ellison rolled fairly well for a beginner. The scores were as follows:

	1	2	3	Tot. Av.
A. Y. Ellison.....	169	183	160	512
C. A. Kuehn.....	189	171	160	520
J. J. Beneke.....	178	175	165	519
F. M. Ellis.....	136	127	146	439

INDIANAPOLIS, IND.

Trade Notes.

On the 21st this section was visited by a severe wind and rain storm, which did considerable damage to trees and crops in general. The heaviest part did not pass over the city and fortunately most of the florists escaped without injury. All except those in the north end, but they suffered only slightly. At Baur & Smith's a barn was twisted and about fifty panes of glass were broken. At E. A. Nelson's about the same number of panes were blown from his new unfinished houses. The parks suffered a good deal in trees being blown down, etc. During the storm a few hail stones pattered on the glass, which made our hearts leap into our throats, but fortunately they were few and not very large, so no damage resulted. We needed the rain badly, as it had not rained a good shower for a couple of weeks, but we don't care to have it just that way. On the night of the 22nd there was another very heavy rain, but there was no wind with it and consequently no damage.

Business is about at a standstill, nobody is doing anything except funeral work, and not much of that. Prices are of course down to rock bottom, and so

is the quality in most cases. What good stock there is usually finds buyers, while the large quantities of poor grade stuff goes to waste. Flora Hill and E. Crocker are the best carnations coming in now. The latter variety is regaining its former friends around here and several growers have been heard to say that they failed to propagate any next spring, but they must have some next fall to plant. There is no outdoor stock coming at present.

Replanting of roses and planting of mums has been going on on most of the places, and stock generally looks fine. There is going to be a great showing of mums at the show this fall if present indications materialize.

The Indianapolis Flower and Plant Company have torn away four small houses to make room for two fine large houses.

A. Palud has moved into his new office and looks much more comfortable than he did in his small old one.

Building at E. A. Nelson's and J. Hartje's places is going along satisfactorily.

The next meeting of the State Florists' Association will be held on July 2 at the Commercial Club rooms, and a full attendance is desired as final arrangements are to be made for the annual outing.

On June 20 Mr. and Mrs. A. F. J. Baur start for Buffalo to remain ten days. They will also visit relatives and friends at Erie, Pa., before returning home.

There will likely be a good delegation from here to the S. A. F. and O. H. convention, as several have announced their intention of going. A. B.

CHICAGO.

The Market.

Conditions have changed but little from last week. There are still oceans of flowers and but few good ones among them. In roses \$5 seems to be about the top price for the best and \$1.00 to \$1.50 for carnations, with rapid jumps downward to rates by the armful or wagon load on the poorer grades. A clean up of carnations at 5 cents a bunch is now considered a pretty good sale.

The school closings on Thursday and Friday are expected to help a little locally and we hope it will. Local trade has been positively disheartening of late and the fakir has been the only one who has made any money.

Paeonies are the most satisfactory flower now in the market. Good flowers are to be had in quantity and when needed at \$3 to \$5 per 100. This is the cold storage stock which has been kept in excellent condition.

The best roses are Kaisers and Meeters and in red carnations America is holding up its reputation.

Various Items.

At the club meeting last Friday evening it was decided to have the picnic on Tuesday, July 23, at Reising's grove in Riverside. Another meeting will be held July 19. The committee is rapidly perfecting arrangements for the affair. The transportation committee reported progress and will probably have arrangements completed before the next meeting.

Mr. and Mrs. E. Weinboer left last Saturday by the Pennsylvania road for New York whence they sailed Monday on

a Hamburg-American liner for a three or four months' trip to Europe. They will visit Paris, Holland, Belgium and the principal cities in Germany.

Another European pilgrim is Otto Wittbold, of the Geo. Wittbold Co., who is en route for a visit to Belgium and England.

It is reported in the daily press that Mrs. J. E. Steinfeld, wife of the florist, has received a gift of \$50,000 in cash from an unknown party to whom she had shown some kindness in the past.

Wilson Tiplady, Joliet, was a visitor last Tuesday.

Bowling.

In the eighth series of league games played last Tuesday evening the Wholesalers won three games from the Growers, and the Retailers took three from the Seedsmen. The latter failed to appear on the scene and lost the games by default. But the Retailers put up some scores that would have been hard to beat anyway. Three of those dollar prizes were plucked, two by F. J. Hauswirth with scores of 214 and 218, and one by Geo. Asmus, with 205. Following are the scores:

WHOLESALEERS.			
E. F. Winterson	.....176	166	155
G. L. Grant	.....190	163	129
W. E. Heffron	.....110	103	116
John Storret	.....157	139	157
Jos. Foerster	.....169	137	195
Totals	.....772	699	748

GROWERS.			
N. A. Schmitz	.....148	127	167
John Paulus	.....101	105	129
F. Matti	.....153	153	134
J. P. Simer	.....118	190	81
C. Hughes	.....147	143	126
Totals	.....667	628	647

RETAILERS.			
George Asmus	.....125	171	203
E. Enders	.....148	121	145
P. J. Hauswirth	.....214	219	161
E. Hauswirth	.....81	81	81
W. H. King	.....145	145	145
C. Balluff	.....134	145	163
Totals	.....664	781	727

The teams now stand as follows:			
	Won.	Lost.	6
Wholesalers	6
Growers	9
Retailers	12
Seedsmen	2

Below we give the averages to date of those who have played in more than three series of games, omitting fractions where less than one-half and counting more than one-half as one.

	Games.	Total.	High.	Average.
Jos. Foerster	.....21	3,576	212	168
F. Stollery	.....21	3,453	202	164
Geo. Asmus	.....21	3,149	203	164
G. Stollery	.....21	3,444	199	164
E. F. Winterson	.....21	3,315	202	158
P. J. Hauswirth	.....21	3,294	219	157
C. Balluff	.....24	3,734	214	156
John Degman	.....21	3,264	197	155
F. Matti	.....24	3,682	199	153
G. L. Grant	.....23	3,490	190	148
N. A. Schmitz	.....21	3,001	181	143
C. Hughes	.....15	2,081	150	139
John Paulus	.....24	3,282	183	137
E. Enders	.....12	1,575	156	131
W. S. Heffron	.....25	2,846	184	124
W. Kreitting	.....17	2,010	144	118
W. Kreitting	.....18	2,125	154	118
C. W. Scott	.....17	1,953	145	115
W. Nagle	.....13	1,363	168	105

BEDDING ROSES.

At the Pan-American Exposition, Buffalo, there are numerous beds of roses now in bloom, and among them is a bed of Ulrich Brunners that is undoubtedly the finest bed of roses ever seen in America. It is a sheet of magnificent blooms and is a sight worth a long trip to see. A bed of Paul Neyron is also splendid, and some beds of Jacks are fine, but the Brunners are simply wonderful.

They are certainly a grand testimonial to the skill of William Scott, and we are pleased to be able to say he has promised to tell the readers of the REVIEW just how he accomplished such results.

A bed of Crimson Ramblers is now a

forest of buds and in a very short time will be a gorgeous sight.

The way the people flock to these beds and admire them shows the great interest the general public takes in this effort to give the rose its proper position in the garden and the results will surely be far reaching.

The exposition as a whole is all that has been promised, and the electrical display at night is alone worth all the trouble and expense of a visit. We shall next week endeavor to give you in detail our impressions of the exposition gathered during a four days' stay.

CANADIAN HORTICULTURAL ASSOCIATION.

The date of the convention of the above association to be held in London, Ont., has been fixed for Monday and Tuesday, the 5th and 6th of August, with probably the 7th thrown in for recreation and enjoyment. This date was decided on for various important reasons, among which may be mentioned the following—viz., the London Old Boys' Association will have their annual meeting there during the same week, and there will be cheap rates from almost all over Canada. The London Horticultural Society hold their annual summer flower show on Tuesday, Aug. 6; the S. A. F. will have its convention from the 6th to the 10th at Buffalo and members of the C. H. A. will be able to take in part of the S. A. F. meeting and the Pan-American on the same trip.

This appears to be a combination of fortuitous circumstances that should make it comparatively easy and inexpensive for every florist in Canada to attend at least their own trade convention and is an opportunity which ought to be eagerly seized by even the "small man" to find out the latest ideas and improvements without which he cannot expect to meet the demands of his customers for better things. It leaves him with absolutely no valid excuse for staying at home, and he will be amply repaid in the future for the small amount of money spent at the time. Program of the convention will be published shortly and may be had on application to the secretary, A. H. Ewing, Berlin, Ont. The opening session will be at 2:30 p. m. Monday, Aug. 5.

BOSTON.

On account of the new hall not being ready for occupancy the Massachusetts Horticultural Society was obliged to abandon the rose and strawberry show scheduled for June 20 and 21.

MILWAUKEE, WIS.—The American Park and Outdoor Art Association is holding its annual convention in this city this week. The program included many valuable and interesting papers on subjects connected with the work of the association, and it was interspersed with numerous drives about the city and other courtesies extended by the local people. The organization has accomplished much good and a goodly share has been done by the Women's Auxiliary during its one year's existence.

OMAHA, NEB.—At the last meeting of the Nebraska and Iowa Florists' Society the name was shortened to Nebraska Florists' Society. R. H. Davy gave an account of his trip through Oklahoma and Indian Territory.

SAMUEL S. PENNOCK, Wholesale Florist

Commencing June 24th and continuing during the summer months, will be open from 7:30 A. M. to 6:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Consult THE REVIEW when you write.

CINCINNATI

The Market.

The hot weather still continues, and stock in consequence is getting poorer. Business though for the past week has been much better. Prices have held stiffer and stock is fairly well sold out. Roses are in good demand with scarcely enough good ones to go around. They bring from 2 to 4 cents. Sweet peas are fine but slow sale at 25 cents per 100. Carnations are still coming in large quantities, but owing to better demand, especially for white, they are cleaned up nicely and at fair prices. Paeonias are done for about here, but there are still some being shipped to this market from the north. They sell from 35 to 50 cents per dozen, with fair demand.

Various Notes.

Several heavy wind storms has passed over these parts, but as yet have not heard of any florist who has been damaged much.

Park Superintendent B. P. Critchell is in Milwaukee attending the meeting of park superintendents, which is being held there. He will also spend a few days in Chicago. C. J. OLMER.

CHESTNUT HILL HORT. SOCIETY.

The regular stated meeting of the Chestnut Hill Horticultural Society was held on the 11th, the president, John T. Morris, presiding. There was a large number of articles offered in competition. Several very handsome collections of outdoor roses, making it very hard for the judges to decide the award in this class. The premiums were awarded as follows:

- For best quart of strawberries—To John McNeil, gardener to C. W. Henry.
- Best collection of outdoor roses, each variety named and in separate vases—First to William Robertson, gardener to J. W. Pepper.
- Best collection of herbaceous cut blooms and flowering shrubs—To Hans Reuter, gardener to C. W. Henry.
- One-half peck of peas—To Harry Harris, gardener to Mrs. R. G. Feil.
- Three heads of lettuce—To John Little, gardener to J. Lowler Welsh.
- Best quart of cherries—To John McNeil, gardener to C. W. Henry.

The judges made special mention of the exhibit of peas by Wm. Robertson, nectarines by Hans Reuter and spinach shown by John Little, also a collection of thirty-five varieties of Paeonia chinensis exhibited by the Andorra Nurseries.

The society offers a special premium for the meeting of September 10 of \$10, for the best collection of cactus and show dahlias. J. H. H.

ALEXANDRIA, IND.—J. G. Sippel and E. W. Marland, of Chicago, have purchased the greenhouses of J. S. Sneathen. The new firm have ordered a large shipment of palms and ferns from Chicago and are now busily engaged erecting a palm house, which will also be used as a salesroom and office. They are also planning the erection of several additional houses this season.

PITTSBURG CUT FLOWER CO., Ltd. WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNEES SOLICITED. No. 504 Liberty St., PITTSBURG, PA. Write for Price List. Florists' Supplies. Mention THE REVIEW when you write.

Burpee's Seeds Grow

WANT ADVERTISEMENTS. Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Two young men for greenhouse work; good wages to workers. Morton Grove Greenhouses, Morton Grove, Ill.

FOR SALE—15,000 feet 4-inch cast iron pipe for hot water heating, at 10 cents per foot F.O.B. Philadelphia. Samuel J. Bunting, Elmwood Ave. and 8th St., Philadelphia, Pa.

WANTED—Second hand hot water heater, to heat 3,000 ft. of glass; state make, size, condition and price. Henry R. Brown, Seneca, Kan.

WANTED—Good second hand boiler, for 8,000 ft. glass; state condition of boiler, approximate weight and lowest price. Hamilton & Plummer, Kewanee, Ill.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in., guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—A man handy with tools, for work about greenhouses; one with some knowledge of the business preferred; steady position to right party. Address M. T., care Florists' Review.

FOR SALE—75 boxes 9x12 D. S. glass, \$5.00 per box. Daniel Branch, 40th Street and Indiana Avenue, Chicago.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnation roses, etc.; good retail and wholesale trade; price \$8,000. Use of 5 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR SALE—A flower store, in Iowa's best city, at a bargain; good trade; low rent; gas included; \$15.00 cash buys it; owing to poor health the owner wishes to go out of business; here is a fine business chance on little capital invested and good returns. Address Florist, care Cedar Rapids Advertiser, 227 Masonic Temple, Cedar Rapids, Iowa.

WANTED—30 boxes single or double thick glass, from 12x12 up to 12x7; state lowest figures. John Stamm, Hutchinson, Kan.

WANTED—A young man who can grow good roses and carnations; \$80.00 per month to start; permanent place for reliable man. John Fallon, Staunton, Va.

Wanted=Partner with even to ten thousand cash. Present owner in poor health and wishes some one interested with him who can attend to inside work and retail business. A wholesale and retail trade extending over Pacific Coast and Southwest. Address **PACIFIC COAST, care Florists' Review.**

WANTED—Position with commercial florist by young man with some experience and plenty of energy. L. W. care Florists Review.

SITUATION WANTED
By a thoroughly up-to-date young man, 33 years of age, **A Decorator and Designer second to none,** with best references in the country, wants a permanent position. **Address Salesman, care Florists' Review.**

NEW CROP FANCY AND DAGGER FERNS



\$1.00 per 1000. Discount on large orders. Also **GREEN and BRONZE GALAX, A No. 1 Stock.**

We never run out of stock. Place your orders with us we can fill them in any amount. Write for prices on talia.

HENRY M. ROBINSON & CO.
Tel. 2618 Main. 36 Court Sq., Boston, Mass.
Mention THE REVIEW when you write

ASTERS. Simple's Pink and White and a few Lavender; Perfection, Pink, White, Light Blue..... per 100. \$ 25
250 New Daybook..... do 40
Asparagus P. N. from 10/18..... do 1.75
\$15.00 per 1000.
Cabbage-Jersey Wakefield, \$.50 per 10,000. Selected Flat Dutch, per 100. 15c. per 1000. \$125
Celery, Golden Self-Blanching and White Plume, \$1.00 per 1000. Plants from seed bed now ready.
Pepper, Ruby King, 80c per 100. Tomato, D. Champion, Beauty and Favorite, 15c per 100.
Bignonia Vines, 3 years, field grown, per doz. \$1.50
Cash Please, Mrs. GRISWOLD, WORTHINGTON, O.
Mention THE REVIEW when you write

THE E. G. HILL CO. Wholesale Florists, RICHMOND, INDIANA.
Mention THE REVIEW when you write.

PANSIES Worth Raising...
SMALL PLANTS ALL SOLD.
CHR. SOLTAU,
199 Grant Avenue, Jersey City, N. J.

BUFFALO HOTELS.

No special rates will be made by the Buffalo hotels for convention week except to large parties. Below will be found a list of the leading hotels with the rates per day for rooms on the European plan. The rate given is for the cheapest rooms and there will be no limit to the "up" if the crowds are large and the demand for rooms brisk. But the Buffalo Florists' Club has a long list of other hotels, apartment houses, private houses, etc., from which they can supply accommodations for every one and at any price desired.

Write to the chairman of the hotel committee, W. A. Adams, 479 Main St., Buffalo, N. Y., telling him just what sort of accommodations you wish and at what price and he will see that you get it:

Troopols	.....	\$4.00	per day and up, European
Tift	.....	3.00	per day and up, European
Bregel	.....	2.00	per day and up, European
Genesee	.....	3.00	per day and up, European
Manison	.....	3.00	per day and up, European
Grueber's	.....	1.00	per day and up, European
Detroit	.....	1.00	per day and up, European
Victoria	.....	1.00	per day and up, European
Vedome	.....	1.50	per day and up, European
Columbia	.....	1.00	per day and up, European
Niagara	.....	2.00	per day and up, European
Lennox	.....	3.00	per day and up, European
Statler's	.....	2.00	per day and up, European

WHO CAN SUGGEST A WAY?

Being a lover of flowers and of florists you will excuse me for writing in the latter's behalf. I am not interested peculiarly with any florist, and only grow for pleasure and not for profit, consequently I should not be questioned as to motive.

When one looks at the enormous advance in everything a florist must pay out money for the question arises, is he getting a fair advance in the prices he obtains for his flowers? I fear not. In building a house the cost of glass is more than double what it was three years ago, iron pipe double, lumber also (especially express) much dearer. In running his house coal and labor are at least 25 per cent higher, and sundries to which there is no end are higher.

I do not propose to suggest how he is to remedy this, but concerted action should do it. W. A. PROCTOR, Cincinnati, O.

MARION, IND.—Trade in cut flowers and bedding plants has been excellent this spring, breaking all previous records. Gunnar Teilmann is planting three houses to chrysanthemums, about 5,000 plants, and will grow them two flowers to the plant; so look out for 10,000 good Marion mums this fall. He has finished planting two houses and the later varieties will be all planted within another week.

OSHKOSH, WIS.—A heavy hailstorm did much damage here June 13. At the greenhouses of Isaac Miles a good deal of glass was broken.

CHARLES CITY, IOWA.—The Sherman Nursery Company is about to build a large greenhouse on its nursery grounds.

HYDRANGEA
OTAKSA in the pink of condition.

\$6.00 PER DOZEN.
No charge for packing.

HATCHER, AMSTERDAM, N. Y.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

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Don't forget we are at 4 WASHINGTON STREET, CHICAGO.

Write for special quotations on large orders.

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37-39 Randolph Street, CHICAGO.

Roses and Carnations
A Specialty.....

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TEL. CENTRAL 3284. CHICAGO.

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C. A. KUEHN WHOLESALE
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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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The Cincinnati
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416 Walnut St., Wholesale Florists,
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Consignments Solicited.
Special Attention given to Shipping Orders.

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Wholesale Growers of and
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Shipping orders receive prompt and careful attention.

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45, 47, 49 Wabash Ave., CHICAGO.

Headquarters for All School Closing Novelties and Cut Flowers of All Kinds.

SEND FOR LISTS.

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BUCKLEY'S JUNE SPECIAL.

GERANIUMS. We are now ready to supply you with our superb collection, consisting of the following HIGH GRADE varieties, guaranteed strictly first class and true to name: S. A. Nutt, Brant, Grand, Frances Perkins, La Favorite, E. G. Hill, Beante Potteville, Athlete, Mme. Brant, Mme. Jaillon, Mrs. J. M. Gaar and Duchess of Orleans, strong 2½-inch, \$3.00 per 100; \$18.00 per 1000.

COLEUS. A choice collection of 15 distinct varieties, all bright colors and including only those of decided merit. **Golden Sedder and Verschaffeltii** in quantity, strong plants from 2½-inch pots, \$1.00 per 100; \$9.00 per 1000.

PETUNIAS. Double Fringed. Eight novelties in white, pink and blotched, all labeled, strong 2½-inch, \$1.00 per 100; \$9.00 per 1000.

PANSIES. We still have about 5000 left from last crop, fine plants, nice size, in bud and bloom, \$1.00 per 100; \$8.00 per 1000.

NOTICE. The above stock has been potted about 30 days and is now in fine shape to knock out.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
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For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity.

BRANT & NOE 124-128 Sixth Street N.
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ONE DOLLAR FIFTY PER 1000 FOR BRONZE

GALAX LEAVES, DIVERSED NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.
Mention The Review when you write.

SURPLUS STOCK OF THE BEST QUALITY AT PRICES that are worth noticing.

10,000 GERANIUMS, 2½-in., \$2.00; 2½-in., \$3.00; 3-in., \$4.00; 3½-in., \$5.00; 4-in., \$6.00 per 100.
5,000 SALVIA, 2-in., \$2.00; 2½-in., \$3.00; 3-in., \$4.00 per 100.
5,000 VINCA VAR., 3-in., \$4.00; 3½-in., \$5.00; 4-in., \$6.00; extra long vines, 2 to 3 feet, \$10.00 and \$15.00 per 100.

DRACAENA IND. Plants, \$5.00 per 100; 2½-in., high, 25c; 30 in. high, 30c; 36 in., 50c each.
1,000 DAHLIAS, 3½-in., \$4.00 per 100.
1,000 CANNAS, 3½-in., \$6.00; 4-in., \$8.00; 3-in. mixed, \$3.00 per 100.

1000 Nasturtium 2½-in.	Per 100	\$2.00	Stevia Var. 2-in.	Per 100	\$3.00
1000 Cobea S. 2½-in.	Per 100	\$3.00	2½-in. \$1.00; 3-in.	Per 100	\$2.50
2½-in.	Per 100	\$5.00	Petunia, single 2½-in.	Per 100	\$2.00
1000 Alyssum Double Giant.	Per 100	\$2.00	Mignonette, 2½-in.	Per 100	\$2.00
2-in. \$2.00; 2½-in.	Per 100	\$3.00	Lobelia 2-in.	Per 100	\$2.00
3-in.	Per 100	\$4.00	Impatiens Sultan, 2½-inch	Per 100	\$2.00
GERANIUMS, Fancy, 2½-in.	Per 100	\$3.00	Ageratum, 2½-in.	Per 100	\$2.00
Bronze and Mars	Per 100	\$3.00	3-in.	Per 100	\$3.00
Silver Leaf and Mrs. Pollock	Per 100	\$4.00	Heliotrope 2½-in.	Per 100	\$3.00
Double New Life and Freak	Per 100	\$4.00	Fuchsia, 2½-in.	Per 100	\$3.00
of Nature	Per 100	\$4.00	Verbena, 2½-in.	Per 100	\$2.00
America	Per 100	\$6.00	Alternanthera, R. & Y., 2-in.	Per 100	\$2.00
Mrs. Parker	Per 100	\$5.00	German Ivy, 2½-in.	Per 100	\$2.00
2-in., \$6.00; 3½-in.	Per 100	\$8.00	COLEUS		
			VERY STRONG PLANTS,		
			\$2.00 per 100; \$17.50 per 1000.		

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

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One Chance in a Thousand

To get stock of **Well-Tested Novelties** of 1890, 1900 and 1901 varieties: Annibal, Dr. Despres, H. De Parville, Madagascar, Rene Bazin, Jean Labor, Prediction, Jules Claretie, Apothose, La Fraicheur, Cimarrosa, Emabuel Arce, Manteau De Feu, Mme. Goyeux, Profusion, Dr. Benomet, Mme. L. Noisette, Thos. Mechan, Mme. Landry, Jean Viand, Mark Train, Dryden, Belleophon, Clyde and Jules Lemaire, from 2½ and 3-inch pots. The entire collection of 25 varieties, including one **Little Pink**, for \$2.50. Also Standard Varieties from 3-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Heteranthe, Nutt, Mrs. Brant, W. H. Bailey, etc., at \$5.00 per hundred.

W. E. HALL, CLYDE, OHIO.

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CUT CARNATIONS!

EXTRA FINE,
\$1.00 to \$2.00 per 100.

Chicago Carnation Co., JOLIET, ILL.

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FIVE TIMES AS MANY.

I spent \$2 in the classified columns of the REVIEW and as a result sold five times as many plants as I did through \$25 worth of advertising in another paper. This is experience that can't be gainsaid.—G. P. MOORE, Ocean City, N. J.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST

HAIL

FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

...VIOLETS...

Pot plants of Imperial, Marie Louise, Farouhar and Lady Campbell, \$5.00 per 100; \$50.00 per 1000. A-1 stock.

CANNAS—Duke of Marlborough, Bouvier, Florence Vaughan, etc., named; also mix Bouvier, Chas. Henderson, Crozy, Austria, Florence Vaughan, Egandine and others, \$5.00 per 100. S. A. Nutt and Brant, 4-inch, \$6.00 per 100 without pots.

CRABB & HUNTER, Grand Rapids, Mich.
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SMILAX EXTRA,
in 2 and 2½-in.

Plumosus in 2-in.
Sprengeri, Boston Ferns,

in 2-in. We make a speciality of. Have all sizes. Write. GEO. A. KUHIL, PEKIN, ILL.

Mention THE REVIEW when you write.

Always Mention the...
Florists' Review
When Writing Advertisers

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

AGERATUM.

Ageratum Stella Gurney, from 2 1/2-in. pots, \$2.00 per 100. Rooted cuttings, postpaid, \$1.00 per 100. Cash, R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum, 2 1/2-in., \$2.00; 3-in., \$3.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

ALTERNANTHERA.

New red Alternanthera Hermodori, imported from Europe; best in the market; very dwarfed growth; never blooms; keeps color during hottest season. Strong plants out of 2 1/2-in. pots, \$1.50 per dozen; \$5.00 per 100. Cash with order. John Baumann, P. O. Box 48, Middle Village, L. I., N. Y.

5000 extra strong alternantheras, red and yellow, from 2 1/2-in. pots, (all struck cuttings), \$1.50 per 100; \$9.00 per 1000. Cash, W. Thompson, 676 Ave. E, Bayonne, N. J.

Alternantheras, Paronychoides major and aurea nana; strong, bushy, from 2 1/2-in. pots, \$10.00 per 100. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

20,000 Alternantheras, Paronychoides major and aurea nana; strong, brown in boxes; \$2.00 per box. Cash with order. Herman Mienner, Masspet, N. Y.

Alternanthera A. nana, 2-in., \$1.25 per 100; \$12.00 per 1000. Cash, C. A. Harris & Co., Delanson, N. Y.

5000 alternantheras, red, yellow and pink, 2-in., \$1.25 per 100. Cash with order. L. Ulrich, Titus, Ohio.

Alternantheras, red and yellow, 2-in., \$2.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

Alternantheras, red, \$1.50; yellow, \$2.00 per 100. Cash, Jos. H. Cunningham, Delaware, O.

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VERBENAS.

Verbenas, 2 1/2-in., \$2.00 per 100; 18-cm verbenas, 2-in., \$2.50; 2 1/2-in., \$3.50; 3-in., \$4.00; 3 1/2-in., \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Mammoth verbenas, fine plants from soil, 50c per 100; \$3.00 per 1000. J. C. Schmidt, Bristol, Pa.

VINCAS.

Vincas, 3-in., \$1.00; 3 1/2-in., \$6.00; 4-in., \$10.00; extra long vines, 2 to 3 feet, \$10.00 to \$15.00 per 100. Rooted cuttings, \$1.25 per 100; \$10.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Vinca var., from 2 1/2-in., \$2.50 per 100. Cash with order. Geo. Elschoff, Ann Arbor, Mich.

VINES.

Bignonia vines, 3-years, held-green, \$1.50 per doz. Cash. Mrs. Griswold, Worthington, Ohio.

VIOLETS.

Marie Louise violets, strong, healthy stock, \$1.00 per 100; \$25.00 per 1000; \$1.00 per 1000. Mount Honnes Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Violets. Marie Louise and Farquhar, strong 2-in. pot plants, grown from runners, \$3.00 per 100; \$25.00 per 1000. Cash. Geo. H. Benedict, Yorkville, N. Y.

Pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell, \$3.00 per 100; \$25.00 per 1000. All stock. Crabb & Hunter, Grand Rapids, Mich.

California violets, healthy, well rooted runners, \$1.00 per 100; \$25.00 per 1000. Cash with order. W. A. Finger, Hicksville, L. I. N. Y.

Marie Louise, March struck, fine plants, \$10.00 per 1000. Cash. Please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violets, fine, healthy stock from soil; \$3.00 per 1000. L. R. Lane, Babylon, L. I., N. Y.

TO EXCHANGE.

To Exchange—500 Al 4-in. cannas in best named varieties at 4c each and 1500 fancy quail and begonia cuttings, 5c each. Carnota. Can use young roses and mums in exchange. E. I. Bradley, Murphysboro, Ill.

WANTED.

Wanted—3000 carnations. Varieties and lowest cash price to Sutherland The Florist, Atol, Mass.

CUT FLOWER BOXES.

Star Florists' Boxes, Edwards & Decker, Mrs. 15 and 18 N. Fifth St., Philadelphia, Pa. Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago. H. Schultz & Co., 117-123 Market St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

DECORATIVE MATERIAL.

New crop Fancy and Dagger ferns, \$5.00 per 1000. Discount on large orders. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 26 Court Sq., Boston, Mass.

New crop Northern dagger ferns now ready, 75c per 1000. Laurel festooning, 4, 5 and 6c per ft. Crowl Fern Co., Millington, Mass.

Ferns, Evergreen and Galax Leaves, wholesale and retail. A. J. Feltorius, 330 East 33rd St., New York.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothoe sprays, address the introducer.

Harlan P. Kelsey, 1106 Tremont Bldg., Boston, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 25-27 Court Sq., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green or bronze, 75c per 1000. Crowl Fern Co., Millington, Mass.

Selected galax leaves. No trash. Chas. H. Ricksecker, Linnville, N. C.

GARDEN TOOLS.

Farlin & Grendorff Co., Canton, Ill.

GLASS, ETC.

Mastic, for glazing greenhouses, is superior to putty. Easier to apply and stays on. Send for circular. F. O. Pierce Co., 170 Fulton St., New York.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia, Pa. Greenhouse glass. Benjamin H. Shoemaker, 205 to 21 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 297-299 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

GREENHOUSE MATERIAL.

For Greenhouses—Cedar lumber; also posts and stakes. H. R. Akers, Chatsworth, N. J. Send in your order now for a copy of the Florists' Manual.

HOSE.

"White Anchor," "Akron," "Friton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 10 Lake St., CHICAGO.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

The cheapest, safest, cleanest and most effective BUG KILLER is LEMON OIL INSECTICIDE. Destroys Scale, Mealy Bug, Ant, Fly, Midew, etc. Highest testimonials. Quart, 75c; 1/2-gal., \$1.25; gal., \$2.00. Dilute with water 40 to 50 parts. Sent on receipt of price. WEATHERBROS., 113 So. Gay St., Baltimore, Md.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabours Dip Co., Chicago.

If you want healthy plants, fumigate with Nicotidie. Tobacco Warehousing and Trading Co., 1922 Magnolia Ave., Louisville, Ky. Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y. Clipper Lawn Mower Co., Norristown, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hewes & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we will save you money. W. H. Bennett, 29th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., Incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 381-383 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced price. Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverston Pottery Co., New Brighton, Pa.

Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Columbia plant tubs. Invalud Appliance Co., 150-160 Vender St., Chicago.

Red pots. Jacobs & Landt, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., specialists in Horticultural Printing, Harrisburg, Pa.

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L. B. Bague, Hinsdale, Mass. G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelcor carnation supports. H. F. A. Littlefield, Worcester, Mass. "The Classified Advs. bring big returns" is the verdict of the advertisers.

WIRE WORK.

C. A. Kuehn, 1122 Fine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 132 W 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

TARRYTOWN, N. Y.

The June show of the Tarrytown Horticultural Society was very fine in roses and strawberries. In roses D. McFarlane took two first premiums, Wm. Scott one and Howard Nichols one. In herbaceous flowers firsts were taken by L. A. Martin and Francis Gibson. In strawberries Wm. Scott won two firsts and John Elliott one. Wm. Scott was first for collection of vegetables.

A meeting of the society was held after the exhibition; President Smith was in the chair. Invitation from the Florists' Club of New York City to accompany them on their annual outing to Locust Point, L. I. on July 8th. Secretary read schedule for November show, accepted and referred to Executive Committee. The Secretary was instructed to communicate with all donors to last year's show and ask their co-operation for the success of this year.

Mr. William Harvey of Ossining was elected to membership, and J. Donald, of Greystone, Yonkers, proposed. Communication from Mrs. Vandervilt read and referred to Treasurer for action.

H. J. RAYNOR, Cor. Sec.

MILFORD, DEL.—The settlement of the charges against W. W. and J. W. C. Pullen of fraudulent use of the mails was effected by the Pullens refunding all moneys sent them for holly that was not delivered.

MT. CLEMENS, MICH.—A. Otis, for some years in the employ of the Breitmeyers, has bought land and will start in the greenhouse business on his own account. He will start with one house 30x150.

MORRIS, ILL.—Mr. A. Mitting has resigned as manager of the Morris Floral Co. and has removed to Loomis, Cal. Mr. Lanow will manage the company until the annual meeting in July.

MOLINE, ILL.—W. Knees has bought land of the city and will erect a range of modern houses on same.

JANESVILLE, WIS.—Edw. Amertohl has purchased the Elm street greenhouses and will continue the business.

ALBANY, N. Y.—Fred A. Danker was married June 18. The bride was Miss Lottie Huested of Nassau.

BRACONDALE, ONT.—Miller & Sons are building a house 25x300 for chrysanthemums.

WABASH, IND.—E. F. Overman has purchased the greenhouses of Alonzo Ulsch.

GRAND RAPIDS, MICH.

We have had all kinds of weather since Decoration Day. The past few days have been as hot as Tophet, and the commencements all having taken place, has resulted in an exodus to the summer resorts of all those who can flee from the city's heat for the cool lake breezes.

As for flowers, well, there is a glut at last. Carnations are in full crop. First class blooms, only, are in demand, the inferior flowers finding their way to the dump. Roses are not so bad; although very plentiful nearly all the first-class blooms have found a ready sale.

Out-of-town commences have helped in a very gratifying manner to keep the roses from accumulating.

The demand this spring for bedding plants has been the best ever known, and while the bedding is not yet completed, it is rapidly drawing to a close. The first of next month will see its finish.

Activity in the replanting of violet and rose houses is already noticed in some establishments and will continue until all rose, violet and mum houses are planted. G. F. C.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

CALADIUM MIXTUM ERIBENSES.—For general decorative purposes either in the store or the dwelling this species of caladium cannot be excelled, and in places where much indoor decoration is in vogue, the plant should be grown in quantity. If potted in small pots, it forms a companion plant to the more delicate *C. argyrites*, while if repeatedly shifted into larger pots, and the largest tubers selected, specimens 2 feet high and diameter may be grown, as useful in vases and in other ways. *C. minus erubescens* is one of the specialties of Mr. Kemp, the gardener at Stoke Park, Slough, who uses it largely in domestic decoration. Half-decayed horse manure rubbed through the meshes of a ½-inch sieve forms about one-half of the potting compost, the other half being made up of turfy loam and a small quantity of silver-sand.

STREPTOSOLEN JAMESONI.—There are four plants of this beautiful greenhouse plant at present growing in beds in the Conservatory, Kew. Two of these are in loam exclusively, and two others have neat. Those in the loam are blooming very much more freely than the others. If the use of pure loam will always have the same result, this information will be valuable.

The Gardeners' Magazine.

ACTION OF BACTERIA ON BONES.—It is regarded as certain that bacteria play an important part in the dissolution of bones, so that if rapid dissolution is desired it follows that the bacteria should be afforded every opportunity of doing their work. Some experiments have, observes the *Lancet*, shown that when sifted bone-meal was inoculated with various bacteria, and kept wet, a remarkable resolution of the constituents of the bone, including the inorganic as well as the organic matters, took place. The latter resolved themselves, as might be expected, into simpler compounds of the type of ammonia, but the most curious results consisted in the fact that the soluble phosphate of lime was

converted into soluble phosphoric acid. The experiments were confirmed by oats grown in large pots with bone-meal and inoculating with different bacteria. The yield of oats was far greater when the bone meal was inoculated in this way. Several species of bacteria were employed with results which varied widely.

FERTILIZERS FOR CARNATIONS.—In the report of the National Carnation and Florist Society appears an interesting record of experiments carried on at the Wye Agricultural College. Following is a brief statement of the course of procedure by which the finest blooms were produced. In the case of Quentin Durward the best results were obtained from the mixture of "three ounces of phosphates, one-third of an ounce of potash, and half an ounce of nitrogen" with the soil in each eight-inch pot. Sulphate of ammonia and nitrate of soda were used as the sources of nitrogen; carbonate of potash was used as the source of potash, and the phosphates used were superphosphate of lime and phosphatic guano in the proportion of five to three. Plants grown with the aid of these fertilizers are described as producing a vigorous growth and finely developed blooms. Excellent results were also obtained from using one ounce of phosphates, one-third of an ounce of potash, half an ounce of nitrogen, and one-fifth of an ounce of sulphate of iron, the plants being remarkable for the depth of color of both flowers and "grass." The record of the experiments with *Aglaia* is not so clear as could be desired, but we gather that the use of a combination similar to that in the second of the two experiments mentioned in referring to Quentin Durward was highly beneficial. In this case, however, the nitrate was applied in the form of sulphate of ammonia and nitrate of soda in three doses, between April 10 and June 15, while the sulphate of iron was given in two doses, the dates of application having been May 7 and June 15.

SPRINGFIELD, MASS.—R. W. Carter, manager of a market garden in West Springfield, has applied for a patent on an apparatus for sterilizing soil. It is said that through the use of his device 1,000 cubic feet of soil can be heated to 200 degrees and thereby thoroughly sterilized at a cost of but \$1.50. There is certainly a future for the apparatus if it does all that is claimed for it.

BATAVIA, ILL.—The Williams & Sons Co. greenhouse plant has been sold to Oscar Anderson for \$8,000. The houses will be removed. This was once an important growing establishment, sending many flowers to the Chicago market fifteen or eighteen years ago.

ATLANTA, GA.—The petition of John A. Lambert to join the Lambert Floral Co. from using his name in its title was heard by Judge Lumpkin June 8 and the injunction denied.

ST. CLAIR, MINN.—Thos. J. Ward, proprietor of the St. Clair Nursery, was recently married, the bride being Miss B. A. Whitney.

WHITESBORO, N. Y.—John Owens is building a large greenhouse at his place on upper Main street.

PORT CLINTON, O.—Payne & Woner are building a new greenhouse.

CATALOGUES RECEIVED.

W. Atlee Burpee & Co., Philadelphia, wholesale prices on vegetable seeds; Dunmann & Co., San Giovanni a Teduccio, Italy, catalogue of bulbs, roots and orchids; E. H. Krelage & Zoon, Haarlem, Holland, special trade offer of bulbs; Wm. Baylor Hartland, 24 Patrick street, Cork, Ireland, daffodils and rare single tulips.

SAN FRANCISCO, CAL.—At the last meeting of the California State Floral Society it was decided to hold a floral congress every second year. A dahlia exhibition will be held in September. The receipts of the recent exhibition were reported as \$911.50 and the disbursements as \$598.80. It was proposed to hold outdoor meetings during the summer.

CANONSBURG, PA.—H. B. Thompson, the florist and gardener, has combined business and religion in a handsome new delivery wagon. In addition to his business card the wagon is lettered with numerous scriptural quotations. It has made quite a sensation.

CHAUTAQUA, N. Y.—On account of the continued wet weather all gardening is late in this section. Mrs. H. D. Irwin has just finished the bedding at the Chautauqua Assembly Grounds, two weeks later than any year before.

DETROIT, MICH.—The mid-summer meeting of the Michigan State Horticultural Society was held in the Cadillac Hotel, this city, last week. There were about fifty in attendance.

FRESNO, CAL.—A beetle that has been very destructive to roses in this vicinity has been determined by the United States Entomologist to be *Hoplia callipyge*, a native of this state.

WATERLOO, NEB.—Miss Annie L. Emerson, daughter of Frank T. Emerson, the seedsman, was married June 26 to Harry G. Coy.

LOUISVILLE, KY.—S. J. Thompson, the florist, recently sustained serious injuries as the result of a fall from a horse.

FALL RIVER, MASS.—Fire did damage to the amount of about \$500 to the greenhouses of H. Whittaker June 17.

LAKE GENEVA, WIS.—A conservatory is being erected on the grounds of the summer home of Harry G. Selfridge.

OWATONNA, MINN.—The Clinton Falls Nursery Company has been incorporated with a capital stock of \$50,000.

SACO, ME.—John McCallum, the landscape gardener, died at his home here June 13, aged 78 years.

DUNKIRE, N. Y.—M. Schwam has bought land here and will build greenhouses.

RED OAK, IA.—Anderson & Olson will soon build a range of greenhouses here.

CLEVELAND, O.—The F. R. Williams Co. is building three houses each 24x150.

CORRY, PA.—W. J. Olds has closed his floral store in the Brown block.

ANOKA, MINN.—D. O. Pratt is building three new houses.

SPECIAL OFFER FOR JUNE



Plant of Nephrolepis Wittboldii with 40 runners.

We have a specially large and fine stock of

Latania Borbonica,

and to reduce same quickly and gain needed room we will give **FREE** with Latania Orders **OUR GRAND NEW FERN** as follows:

- With a \$10.00 order, one Nephrolepis Wittboldii.
- With a \$25.00 order, three Nephrolepis Wittboldii.
- With a \$40.00 order, five Nephrolepis Wittboldii.
- With a \$50.00 order, seven Nephrolepis Wittboldii.

Our *Latania*s are fine sturdy stock that will please you and we offer them as below:

2-inch pots,	\$5.00	per 100.
3	8.00	"
4	20.00	"
5	35.00	"

They are exceptionally good value and you get the new Fern without extra cost.

We are still supplying strong plants of Nephrolepis Wittboldii, "The Great Fern of the Future," at \$1.00 each, \$10.00 per doz.

The GEO. WITTBOLD CO.,

1657 BUCKINGHAM PLACE, CHICAGO, ILL.

VEGETABLE PLANTS! PLANTS!

CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, \$75.00 per 100,000.

CELERY.—Giant Pascal, Golden Heart, White Solid and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000. Giant Pascal and Golden Heart, \$75.00 per 100,000.

If by mail add 10c per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

SOLD OUT.

Our stock of young Carnations is sold out.

Place your order now for **FIELD PLANTS** for FALL DELIVERY.

All the best varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

VERY SATISFACTORY.

The results from our advs. in the REVIEW are very satisfactory.—H. H. BERGER & Co., New York.

Chrysanthemum TIMOTHY EATON,

The Sensational Giant White, \$5.00 per dozen; \$50.00 per 100.

Other NEW AND STANDARD VARIETIES, fine thrifty stock from 2 and 2½-inch pots.

Write for catalogue giving complete descriptions, with time of blooming, etc., of each variety.

Let us figure on your wants.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

THE LARGEST FANCY CARNATION... PROSPERITY.

A few thousand ready for immediate delivery. All orders filled in strict rotation. Prices for Rooted Cuttings—1 plant, 50 cents; 12 plants, \$5.00; 25 plants, \$8.25; 50 plants, \$10.00

100	16.00;	250	37.50;	500	70.00
750	101.25;	1000	130.00.		

Write for full description.

DAILLEDOUZE BROS., Flatbush, N. Y.

Mention The Review when you write.

Primulas, Plants, Etc.

Chinese Primulas, mixed and white, 2½-in.	\$ 2.00
Smilax, 2½-in	1.50
" " " " "	.25
Asparagus Plumosus Nansu, 8-in.	5.00
" " " " "	2.00
Geraniums, dbl. red, pink and white, 3-in.	3.00
Alternanthera, small pink, 2½-in.	1.50
Dracaena Indivisa, 4-in.	10.00
California Ice Plant, for baskets, 2½ in.	3.00
Geranium, Jean Vlaud, 3-in.	10.00

—CASH—

THE MORRIS FLORAL CO., Morris, Ill.

Mention THE REVIEW when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

ST. PAUL.

On the 18th a hail storm lasting about ten minutes went over the greenhouses of Fritz Franke, C. Bussjaeger and others, breaking hundreds of lights of glass. The storm came between 7 and 8 o'clock in the evening, straight northwest, and was perfectly dry, there being no rain either before or after the storm. It was simply a phenomenon. Some of the hailstones were horn-shaped, 2 1/2 and 3 inches long, weighing 3 and 4 ounces and more. No signs of the storm were visible and everybody was outdoors; the old folks reading on the porches; the younger generation playing base and other balls on the streets. The rush for home was great and horses on the roads started a wild runaway pace. Sweet peas and other soft stuff was considerably damaged and looked like torn dresses.

The florists who were hardest hit are: H. Krinke, between 400 and 500 lights, insured; Warrendale Floral Co., same; F. Schulze, between 300 and 400 lights, no insurance; L. L. May & Co., exact number not stated, but large; C. Bussjaeger, between 250 and 300 lights, insured; F. Franke, between 40 and 50 lights, insured.

E. Rowe, a vegetable gardener, with large cucumber houses, suffered most, as lots of the trailing plants were simply cut to pieces.

C. BUSSJAEGER.

KALAMAZOO, MICH.

Since Memorial Day business has been good, until last week, when there was a decided falling off.

Nearly all the growers have thrown out their old roses and finished replanting, consequently roses are scarce. The earlier planted houses are looking well and soon will be able to give a crop. This applies especially to Beauties.

The Van Bochove Bros., who have finished planting, have this year devoted two of their new houses to Beauties, which are looking fine.

Carnations are very plentiful; the demand for them is lessening every day. Field crops are looking well and there has been just about the right amount of rain to make nice stocky plants for benching early.

We had a visit from Mr. Skidelsky, of Philadelphia, who reports business good. The cheery smile he is wearing is ample evidence that "the sun of bright prosperity is shining all over him."

Celery men are already shipping their first crop, which is of a superior quality. There is a large and ever increasing demand for this toothsome summer delicacy, quantities being shipped as far south as New Orleans. The later crops are also looking well. RIBES.

BELLEFONTAINE, OHIO.—Miss Maud Fichthorn, who has had a flower stand in this city for the past eight years, has sold her business to Poole & Purllant. The latter have started to build another house, 16x44. Not very large, but they say it is all they care to stand for at the present price of glass.

GREENFORD, OHIO.—The demand for bedding plants this spring was good; everything sold out clean. There is considerable building being done here this spring, M. C. Clay building one house for carnations and Frank Knauf one for bedding plants.

ROSE PLANTS

The plants which we offer are particularly good value; the best to be found in the country. The Kaiserins are unusually large, fine plants.

From 2 1/2-inch Pots.

Bridesmaid	100	1000		
	\$2.00	\$20.00		
Bride	2.00	20.00		
Golden Gate	2.00	20.00		

From 3-inch Pots.

Meteor	100	1000	Golden Gate	100	1000
	\$4.00	\$35.00		\$4.00	\$35.00
Bride	4.00	35.00	Kaiserin	5.00	45.00
Bridesmaid	4.00	35.00	Kaiserin, 4-in pots	6.00	55.00

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

FOR LARGE ORDERS, SPECIAL OFFER.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, 3-in., \$30.00 per 1000
2-in., 20.00 "

Write for special price on large quantities.

We also have Brides, Maids and Golden Gates, at \$20 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

ROSES... FOR THE TRADE, SPRING OF 1901.

We believe in shifting young roses often. All stock offered in 2 1/2-in. pots has been shifted from 2-in. and unequal to most stock advertised as 3-in. and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

Meteors, Brides, Maids, Perles, Kaiserin, A. V., Wootton, Pres. Carnot, Golden Gate, Liberty.

GEO. A. KUHL, PEKIN, ILL.

IF YOU WANT
HEALTHY PLANTS
FUMIGATE WITH
NICOTICIDE
THE BEST OF ALL
INSECTICIDES

Write for full particulars to
The Tobacco Warehousing & Trading Co.,
1002 Magnolia Ave., Louisville, Ky.

Mention THE REVIEW when you write.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. GREENHOUSE BUILDING

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Roses.

Extra fine plants grown on their own roots for winter forcing.

Liberty 3-in. pots, \$12.00 per 100
American Beauty, " " 8.00 "

Brides, Bridesmaid, Meteor, Kaiserin,
Mme. Hoste, Safrano, Golden Gates,
Merle, Niphotos, Sunset.

3-inch pots, \$7.00 per 100.
15 sample plants (to florists only) \$1.00

Grafted Roses.

Liberty, 3-inch pots \$18.00 per 100
Brides, Bridesmaid, Golden Gates, Kaiserin,
3-inch pots, \$13.00 per 100.
10 sample plants (to florists only) \$1.00

J. L. DILLON, Bloomsburg, Pa.

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THE VAN AMERICAN EXPOSITION AND NIAGARA FALLS.

THE WASH
Has its own rolls and is the shortest line to

BUFFALO AND THE FALLS.

Step-overs given at both points on all tickets.

For descriptive Matter, Rates, etc., call on nearest Ticket Agent, or address
C. S. CRANE, G. F. and T. A., ST. LOUIS, or F. A. PALMER, A. G. F. A., CHICAGO.

CHRYSANTHEMUMS AND ROSES.

We grow only good commercial varieties of mums in large quantities, select our stock carefully and supervise all shipments personally, so that satisfaction is practically assured. Prices are fixed as low as good stock can be sold for, allowing a fair profit.

WHITE.	R. C. 2 1/2-in.		Yellow.	R. C. 2 1/2-in.		RED.	R. C. 2 1/2-in.	
	Per 100	Per 100		Per 100	Per 100		Per 100	Per 100
Fitzwygram \$1.30	\$2.50		Moderate \$1.30	\$2.50		Scudler \$1.50	\$2.50	
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
520-535 Caxton Building,
334 Dearborn Street, Chicago.

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INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of other making offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 121-133	Kennicott Bros. Co. 121
Amling, E. C. 134	Product Co. 145
Barnard, W. W. & Co. 121	Kroschell Bros. Co. 148
Bassett & Washburn 134	Kuehn, C. P. Co. 134
Bentley & Co. 134	Ruhl, Geo. A. 136-141
Berger, H. H. & Co. 122	Lacer & Hurrell 122
Berning, H. G. 134	Long, D. E. 148
Braut & Noe 135	Lozier & Burgham 148
Brinkerhoff & Barnett Engraving Co. 146	Margnum, M. A. 122
Buckley Plant Co. 133	McDonald 145
Badlong, J. A. 134-144	McKellar & Winter 135
Burpee, W. Atlee & Co. 133	Moore, J. 135
Chicago Carnation Co. 133	Moon Co. W. H. 145
Cincinnati Cut Flower Co. 134	Morris Floral Co. 143
Classified Advs. 134	Pennington S. Pierce Co. F. O. 145
Cottage Gardens 135	Pittsburg Cut Flower Co. 133
Crabb & Hunter 135	Poehlmann Bros. Co. 134
Crowl Fern Co. 132	Pollwirth Co. C. C. 134
Cunningham, Jos. H. 145	Quaker City Machine Works 145
Dallouze Bros. 143	Randall, H. 134
Dietrich, A. & Co. 148	Rawlins, E. I. 122
Dillon, J. L. 144	Reed & Keller 122
Dorner, F. & Sons Co. 145	Regan Ptg. House 144
Dreer, H. A. 122-145	Reinberg, P. 144
Dutton, Chas. S. 122	Rive, M. & Co. 122
Ellis, F. M. 134	Robinson, H. M. & Co. 123
Esler, John G., Sec'y. 135	Rupp, John F. 135
Finley Lawn Rake Co. 148	Saads, W. B. 145
Florists' Supply Co. 146	Schillo, Adam 148
Garland, F. 134	Schmitz, F. W. O. 121
Garland, Geo. M. 148	Seabury Hip Co. 145
Gibbons Co., H. W. 145	Smith, N. & Son 122
Giblin & Co. 148	Soltan, Chr. 133
Greene & Underhill, 135	Thorburn, J. M. & Co. 122
Griswold, Mrs. 133	Tobacco Warehouse, Inc. & Trade Co. 144
Hall, W. E. 135	Vincent, Jr., R. & Son 145
Hancock Geo. & Son 143	Wabers, H. 145
Hatcher, Jno. C. 134	Weber & Sons 143
Hancock, Job. 122	Weber & Ricker 135
Hehl, Geo. A. 121	Whilldin Pottery Co. 143
Herr, Albert M. 122	Wietor Bros. 124
Hill Co., E. G. 146	Wilke Mfg. Co. 148
Hippard, E. 146	Wittbold Co. Geo. 143
Hitchings & Co. 146	Zimmer, D. 122
Hunt, E. H. 134	Zimmer, Chas. 145
Jackson, E. E. 125	
Kaestner, W. F. 121	
Kellogg, Geo. M. 132	

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



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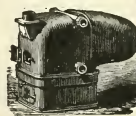
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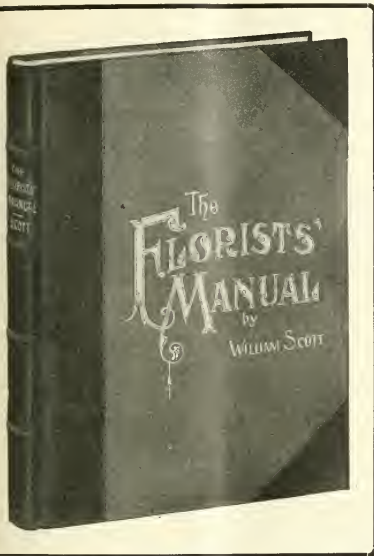


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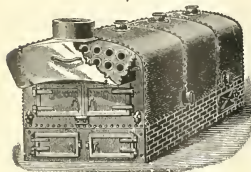
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, JULY 4, 1901.

No. 188.

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MISCELLANEOUS SEASONABLE HINTS.



Care of Beds.

Having so much work on our beds this spring it occurs to me that a word or two of advice might be beneficial to some who have the charge of these. The real gardener knows pretty well how to manage the flower beds, but too many of them are left to the care of very inexperienced help, and it is not always the help's fault, for many in our city insist that the coachman or hired man shall water "the flowers," as they call them, every night, as well as the lawn. Now this is a great mistake and a little watering, or just sufficient to bake the soil, is much worse than none at all. Every gardener knows there is nothing like hoeing. Look at our experience with a few carnation plants: Planted early in May and only two or three rains, maybe, during the summer, with no artificial watering at all and yet we produce some good plants by August because they were continually cultivated.

There are some beds that can be watered copiously and often. Particularly is this true of cannas and caladiums. They even are not much benefited after they have made a good growth but for the first month after they are planted out they should have a copious watering at least twice a week and be hoed the following day. The hoeing should always occur at the time when the soil is in that condition between the wet and the dry, and not be allowed to bake. A bed of verbenas should have by this time made such growth that unless we have a very dry time they will need no further watering. A bed of geraniums, supposing we have a rain once a week, will scarcely need any watering, but if you have been without rain then once a week is enough for them.

When you do water, water thoroughly. That is, make sure that you apply enough to go down at least three or four inches, and then follow the next day with a hoeing and then leave them alone. There are many things to do in the garden to help besides continual sprinkling. One thing is keep all old flowers picked off. This will apply to geraniums, petunias, verbenas and cannas; in fact, all our flowering plants, and particularly to geraniums. It is the going to seed that exhausts the plant and all flowers that are past their beauty should be picked off, not only for the health of the plant but for tidiness' sake.

Roses.

People complain that their hybrid perpetual roses after one burst of bloom in June give up flowering until late again in the fall. My experience is that if they have good soil and sufficient water that that is not so, but the flowers should be picked off the moment they are past their best. It is not the break from the strong shoots at the bottom from which you are so likely to get flowers, but the upper eyes or shoots will almost certainly give you more flowers, the same as the American Beauty does

when disbudded in the fall. If hybrid perpetual roses could only be made perpetual, as their name implies, how many more would be planted and how much more satisfactory they would be, and I think they can be under correct and liberal treatment.

Tuberous Begonias.

Tuberous rooted begonias are often considered undesirable for out of doors. As I have had occasion to mention several times, a few of the most brilliant beds ever seen, not excepting a bed of geraniums, were of tuberous rooted begonias. They need lots of water, but it should never be applied as you would in the ordinary way—overhead or by sprinkling. Take the hose and let it run thoroughly among them and let it wet the soil between each plant. This will not only prevent the soil from baking but will well water the roots. I hope you have tried some and if well taken care of you will not be disappointed.

Dahlia.

Don't forget to stake your dahlias

as soon as planted out. Remember these are plants that want an abundance of water. As soon as they have started into growth you should mulch them with two inches of manure for at least a radius of eighteen inches round the plant. If planted in a bed this means mulch the whole bed. No light sprinkling overhead does for these but a good soaking two or three times a week.

Herbaceous Plants.

There are not many herbaceous plants that should be watered in ordinary seasons because they are so well established and the roots go deep; still I have seen seasons, last year notably, when the dry time very much hurt many of them, especially the perennial phlox. I will say again, no light sprinkling is any good, but they should be thoroughly soaked.

Gladioli.

Our gladioli also suffered very much last summer for want of water with no means of giving it. The spikes will be better, the flowers finer in every way if the soil can be kept moist. If you have the means of irrigating do so by all means and you will be well paid with the quality of blooms.

Trees and Shrubs.

I have a good opportunity this year to notice the failure with a good many deciduous trees and shrubs that were planted early in May. A great many deciduous trees have vitality enough left in them to send out a few leaves, but as



From copyrighted photo by C. D. Arnold, Buffalo.

The Tower at Night,
PAN-AMERICAN EXPOSITION.

soon as the hot weather comes they dry up. You see them sprouting out their buds and leaves and you think they are all safe. Now is the time they collapse. All these should be well looked after during the hot summer months. I believe greatly in mulching, whether it be an Austrian pine or a maple tree for the first season. A good mulching of any stable manure or two inches of spent hops, then you can water them with real benefit, for evaporation does not take place and the ground is continually moist.

Sowing Grass Seed.

It might be worth mentioning here that it is often considered impracticable

Violets.

We are planting our violets this week. This is a little later than the date when some of the best growers begin planting them, but I have found that it answers the purpose about as well. In place of taking off all the glass we have found by taking out every third run of lights that it does very well, shading the remainder heavily. This keeps the house much cooler than it would with all the glass in or all out. By no means trust the soil that has grown violets last year. Ours are planted in solid beds and we remove seven or eight inches of top soil because we believe the violet roots have gone down to a good depth, filling

Many growers run a wire along on the bed close by each row, and a corresponding wire well up along the plants and then run strings up, one for each stem. This is excellent if you can fix the top wire firmly and securely to prevent the string from sagging and getting loose, but if this cannot be readily done a very neat method is to run a single wire for each row about two feet above the bed, and then use wire stakes three, four or five feet long, according to variety and tie the same to the wire. Then you can run your plants up the stakes. While this is not nearly so handy when it comes time for cutting the flowers as if you use string, it is a far better method to use for varieties like Hurrell, that have a tendency to come away sideways after showing a bud. It is sometimes difficult if only string is used for a support to get the stem to start up again clean and straight, when by using a wire stake you can draw your stem into proper position without any trouble.

During the present intensely hot weather the plants should be sprayed over several times a day, or rather, I should say, spray over the entire house, roof, walls and paths and everywhere to keep down the temperature. You don't want to get your plants hard and stunted, which they are apt to do if you run the atmosphere too dry. You must keep your plants on the move from the day they are planted till they are in flower, then success is certain.

Keep the beds well watered and remember that the sides of the benches, which are necessarily exposed to the sun, dry out more quickly than the center, which is shaded by the foliage of the plants.

The surface of the beds should be stirred up with a scratcher once a week, care of course being exercised not to break off the young roots as they go reaching out into the new soil. Stirring up the soil will kill off the weed seeds that are germinating all the time and keep that nasty green scum from forming on the surface, which is a sure sign of a more or less stagnant, sour condition of the soil.

The caterpillars are unusually numerous this year, and in a bad season the best thing to do for them is to use paris green and poison them. Handpicking is far too slow when the caterpillars are around by the thousand, as they are this year. While it may not be possible to poison all of them, you can get rid of a great many that way and pick off by hand what are left behind.

One pest in particular that has been recently described and illustrated, the "greenhouse Leaf Tyer" (the "Great Leaf Annihilator" would be a better name for it) is particularly aggravating. Kill all the butterflies you see in the houses and particularly look out for this measly little rusty colored moth "Phlyctenia rubiginosa" *profana*. The lady bug is doing valiant work in keeping down the black fly. Always learn to distinguish friends from foes among the insects.

Plants that were planted outside or are standing outside in pots or boxes need lots of spraying. Always place where they will be convenient to the hose, then they are not so liable to be neglected.

BRIAN BORU.

BURLINGTON, IA.—Jos. Book, the florist, has made Crapo Park a present of 1,365 bedding plants.



From copyrighted photo by C. D. Arnold, Buffalo.

The Tower by Day.

PAN-AMERICAN EXPOSITION.

to sow lawn grass seed in summer, believing that after the 1st of June you must stop until the latter part of August. That all depends on whether you have the use of the hose. On the Pan-American grounds last year grass seed was sown every day from the 1st of June through the hottest days of summer. It was simply a matter of sprinkling. It was sown thickly, I will admit, but that is of little consequence if you can obtain a satisfactory lawn, and this same seed sown in the hottest days of July is now a lawn of the finest quality. I mention this so that people who are anxious to sow may not be afraid to, providing they have the hose. If you have not it would be most unwise to attempt sowing until the end of August.

in again with a good, heavy loam that was plowed and prepared last year. We spread about two inches of well decayed manure on the bed and fork it in. Bone dust was added to the soil in the field a month ago, and we applied it at the rate of about a 5-inch pot to a barrow load of soil. We believe that violets like bone dust.

WILLIAM SCOTT.

CHRYSANTHEMUM NOTES.

Plants that were got out on the benches in good season will now be growing away nicely, and this is the best time to put in your supports. If this is done while the plants are small it is not half so much work, and you don't run any chances of getting your stems crooked or your plants broken.



From copyrighted photo by C. D. Arnold, Buffalo
 East Front of Horticulture Building at the left and Temple of Music at the right.
 PAN-AMERICAN EXPOSITION.

PAN-AMERICAN EXPOSITION.

We recently spent a few days at the Pan-American Exposition, Buffalo, and must say we were very agreeably surprised at its beauty and magnitude.

Of course, the buildings are not so large as those at the World's Fair in Chicago, but the Buffalo Exposition is a good deal more than a small edition of the World's Fair. Even more effort has been expended upon the ornamentation of its beautiful buildings, and the color scheme, which we feared would detract rather than add to the general beauty of the scene, has been so artistically handled that it is a pronounced success. It is truly a rainbow city and a dream of beauty.

The grounds lack a reposeful sound island, but it is difficult to conceive of anything more beautiful than the grand court at night with the magnificent display of electric lights on the buildings, that noble tower rising heavenward at the end with the opalescent water gushing from its base and the many-colored lights rising from the water in the central lagoon. Sitting in a comfortable seat at one end of the court on a perfect summer night listening to Sousa's music with the beautiful buildings and stately as a setting and the glittering tower of fire at the other end, we decided that never before had we seen any work of man so entrancingly beautiful. It is something that no one should miss who can possibly get to Buffalo this summer.

We present in this issue engravings from photographs of a few of the architectural features, including one of the tower at night, which though a good photographic reproduction naturally falls a great deal short of the reality. One of the greatest beauties of the tower, to our

mind, is the waterfall at its base, upon which lights are directed in such a way as to make a continually changing color effect that is wonderfully soft and pleasing.

The display of florists' plants on the grounds is not only extensive but the plants are all in fine condition. We will not attempt to go into details as these are covered each week in Mr. Scott's notes and will only say that we were continually surprised by the shortness of time in which many apparently finished effects had been created. It shows what can be done with such a thorough and able gardener as Mr. William Scott in direct charge of the work.

In the Horticulture Building the display of plants is not as extensive as it should be, though good as far as it goes. The best feature in flowering plants at the time of our visit was a collection of pelargoniums by the Cottage Gardens, Queens, N. Y. There is an extensive display of fruits, especially apples, but that is out of our department. Several huge cocoa palms in fruit attract much attention, as do a lot of fruiting pine apples in the conservatory.

There are numerous restaurants on the grounds. We found the Wellington cafe the most satisfactory, the quality good, prices fair and service all that could be wished. We cannot say as much for the Bailey Catering Company, which has numerous restaurants in various parts of the grounds. In none did we get satisfactory treatment, and dried-up sandwiches and slops of coffee seem to be prominent features of their service, although good prices are charged. In Alt Nurnburg, the German Village, the quality was strictly first-class, but prices decidedly steep. If you want a first-class meal you can get it here, but you must

be prepared to pay a dollar or more for your meal after paying a quarter to get in. For a lunch on the Midway Pabst's is all right, but when you want a square meal you will have to go to the Wellington or in the German Village.

We visited a few attractions on the Midway and found the Philippine Village decidedly the most interesting and enjoyable. It is all that its name implies and the show in the theater is good. The Hawaiian Village is not a village at all. There is simply a theater when you get in. But the show is a good one and well worth seeing. Darkest Africa was decidedly dark when we visited it one evening. Though the lights were aglow outside and the "barker" was using his lungs to the limit there was no light at all inside. When spoken to the manager said it wasn't his fault. But a man who will take your money when he knows he hasn't any light to enable patrons to see anything, is pretty apt to be running a fake. The Cairo street is all right and as bright and entertaining as the one at the World's Fair. The camels and donkeys and Egyptian girls and street fakirs are all there. The Indian Village is fairly interesting, but the show will be very flat and wearing to anyone who has seen Buffalo Bill's braves whoop things up. The infant incubator was very interesting, and the institution is exactly what it purports to be. There are other good attractions, and quite a few where there is more to be seen outside than inside, but their "barkers" help to swell the noise in the street and make things interesting.

One thing of which Buffalo may well be proud is its magnificent street car service. It is decidedly superior to that of any other city we have ever visited.

The Exposition crowds are handled most admirably and this adds greatly to the comfort and pleasure of visitors.

TREES.

I would like to ask through the REVIEW if our native pines can be replanted at this time of the year with safety?

Also if it would be all right to trim large maple and elm shade trees now?

W. E. H.

Premising that the trees are of ordinary commercial size and in fair condition they can be successfully transplanted by the use of the requisite skill and the necessary precautions, but the chances are largely against success in the hands of the average tree planter. It would be much safer to transplant in the early spring or late in the fall, preferably spring.

If it should be found absolutely necessary to transplant young pines as late as this a good plan is to mix a thin wash of blue clay and puddle the roots of the pines in it before planting.

In regard to trimming maple and elm shade trees, dead wood can, of course, be cut out at any time. Elms should never be trimmed if it can be avoided, and no deciduous tree should be cut while the bark is loose and full of sap, as injury is almost certain to result.

However, nature seems able to endure a wonderful amount of rough usage. Where soft maples are torn by storms in summer they appear to recover in a very short time.

JOHN HIGGINS.

CINERARIAS.

I have some cinerarias in two-inch pots in the greenhouse. They have from four to six leaves. Now, when I report them shall I put them outside under shelter or keep them in the greenhouse a little longer? Is tobacco the best preventive of insects? I shall be very thankful to you for an answer in the FLORISTS' REVIEW and for notes on the general culture of the plant.

L. A. G.

In answer to the above would say that the very best place for cinerarias after they are shifted would be a cold frame; say a frame about one foot or fifteen inches deep. The sashes should be shaded and then raised both back and front so that a current of air is passing over the plants. In this position they will be cooler than any place you can put them. On fine nights when there is no danger of a storm if not too much labor the sashes could be removed. Plunge the pots in leaf mold, tan bark or spent hops during the summer. The green fly can be kept down by placing plenty of tobacco stems on the surface among the pots.

The cineraria is almost too difficult a plant to grow well for the value there is in it. Its chief point of culture is that it wants at all times the very coolest house you can give it without actual frost. Forty degrees at night in winter is sufficient at any rate. In flowering time it wants the fullest light without the midsummer sun. It wants rather a strong loam with one-fourth of some rotten manure, by no means sandy, and firmly potted. It never wants to be over watered. You can kill them easier by an overdose of water than any plant I know of. At the same time if allowed to get very dry they will wilt and lose their

bottom leaves. The next important thing is to keep away green fly. They are not much troubled in a frame in the summer, but as soon as removed to the house in the fall constant and steady fumigation is needed.

These are the principal points in cultivating the cineraria, which if well grown is a very fine decorative plant, but when poorly grown is an abomination and I have come to the conclusion for several years past that there is no money in it for the commercial florist.

WM. SCOTT.

FERTILIZERS FOR ROSES.

Will Mr. Scott or some other gentleman tell me through the FLORISTS' REVIEW the best commercial fertilizer to produce the best blooms on roses planted out in the Sunny South. I might say the soil is almost all sand. It has been fertilized with horse manure, which does not seem to give good results. Kindly name quantity to be used on two-year-old roses.

FLORIDA.

"Florida" does not state what class of roses he is cultivating. Neither am I positive whether they are out of doors or under glass, but as he is in Florida it is to be reasonably supposed they are planted out in the garden.

Without going into a long chapter on roses I would say that the best commercial fertilizer for roses and many other plants is pure bone dust, which can be forked into the soil in the spring. For a sandy soil the best manure would be that from the cow stable.

The tea and noisette classes do very well in sandy soil if it is not worn out, but the hybrid perpetuals, the most important class with us for garden culture, do much better and produce the finest flowers in a heavy loam. There is nothing equal to a fresh soil for all roses. A garden that has been cultivated for years, no matter how much manure and fertilizer has been applied, is not equal to a sod from land that has been a pasture for years. Never has this been better illustrated than on the grounds of the Pan-American Exposition this spring. The top four inches of a clay farm which was all meadow was mixed with about a fourth of cow manure, and it has grown roses such as I have not seen since childhood's days, and perhaps I have an exaggerated opinion of those because "Distance lends enchantment to the view."

WM. SCOTT.

BOSTON.

Trade Conditions.

The last week of June, and indeed the last week of the season, was a peculiar one in some respects. Weddings and school exercises made considerable of a floral movement, but all necessary material was easily and cheaply supplied by the different wholesale establishments. The revival of the old idea of the presentation of school bouquets by the city of Boston also called unexpectedly for the material for about 4,000 of them without causing a ripple.

During the first part of the week an enormous supply of outdoor Jacks came in, many of them being very fine ones. But the supply diminished very quickly, leaving but few of any value toward the end of the week. American Beauties, Meteors and Liberties are coming stead-

ily and in plenty, as well as pink and white ones; Kaiserins coming freely to cover the fact that Brides are not now very good. Neither are Bridesmaids very good as a general thing, and there is no accommodating blossom stepping up to take its place if such a thing were needed. If so, perhaps more of the growers would try Mr. F. W. Fletcher's experiment with the Maman Cochet. He is cutting quite a few good ones from the small amount of glass utilized. There are now but few real good pinks, but there are enough of the poorer grades.

Sweet peas are getting very plentiful and prices upon them have gone down materially during the past few days. They were about the only thing in the business upon which the figure could be reduced, too.

Meeting a schoolmaster friend a few days ago, he remarked that after graduation exercises he would be "on the loose pulley!" This is a pretty good expression and will probably apply to the floral situation for the next two or three months very aptly: just going, but not doing anything.

How has the closing season used you? My private opinion is that there has been more money made than during any past season for six or eight years, both by growers and retailers, but it has not been distributed so evenly, the most of the gain being in comparatively few hands. But of course this is debatable. I am afraid this is particularly true about our friends, the earthen growers, since their wares have averaged poorly for the season, haven't they? Their plants seemed never to get over the effects of the hot autumn until "everlastingly too late."

J. S. MANTER.

PITTSBURG.

Club Meeting.

The Florists' and Gardeners' Club held a special meeting Thursday, June 27, to consider the effect of our flower show of the week before and settle all matters connected with its business details. Everyone was delighted with the show and it was unanimously pronounced a decided success. Then every bill and incidental expense in connection with it was presented and paid and we still have money in the treasury.

Something was said about a chrysanthemum show in the fall, but in view of the big exhibitions of those flowers gotten up by the Allegheny and Pittsburg parks and the private conservatories, and that October and November are very busy months the autumn show was not pressed.

A Picnic.

But the boys were feeling in a very good humor and as Fred Burki hadn't been seen in at the rose show—he sent lots of splendid flowers there, though—he is so busy building and fixing up his new place at Bakerstown, it was decided to have a picnic out there at Fred's place, and together with our wives and our sweethearts, and our sisters and our cousins and our aunts, we are going to Bakerstown on July the 16th.

Various Items.

John Bader sails for Europe on the 11th and E. C. Reineman a fortnight later.

A severe hailstorm passed over the



From copyrighted photo by C. D. Arnold, Buffalo.

**The Bridge of Victory.
PAN-AMERICAN EXPOSITION.**

Oakland district of Pittsburg on the 26th inst. and smashed thousands of panes of glass in the big Phipps conservatories, Schenley Park. A pointed fact noted in connection with it is that while the ground glass was smashed numerically, the clear glass resisted the storm practically unharmed. All was double thick. P. A.

BUFFALO.

Business.

The Fourth of July is right here and we never knew it in our lives to come so quickly. Business has kept up later than we have ever known it, and I believe the cut flower people would say the same thing. The Buffalo man who says the Pan-American is not doing him any good is away off. So many visitors can't come to this town and leave money without its being a benefit to all the community, directly or indirectly. Many of the state buildings have spent money with our florists in decorating their grounds, filling vases, etc., and on the occasion of the dedication of their buildings flowers are in demand, so I believe business all round will be considered good.

A little more than a month now before the convention will be here, and from all reports it is going to be a whopper. The weather for the past ten days has been so fearfully hot that it has told at last on flowers. Carnations are getting small and feeble and roses of good quality are difficult to get. Sweet peas are coming in freely.

Visitors.

All the florists are not waiting for the convention to visit the Pan-American.

and some may have been here that I have not had the pleasure of seeing. We met Wm. F. Henning of Detroit, Charles Feast of Baltimore, Anton Then and wife of Chicago. Mr. J. R. Fotheringham of Tarrytown has been here for a few days and F. R. Pierson is to arrive tomorrow. H. H. Groff of Simcoe has been here again and highly approves of the Pan-American. Mr. Groff is going to make a magnificent show of gladiolus here in August. He is an amateur and an enthusiast, and that beats the professional every time. Mr. W. A. Manda spent Sunday here, and last, but not least (at any rate physically), is another visit of Harry Baisley of Detroit. It takes Harry some time to do up Buffalo, and I have no doubt it pays him for every minute of time he spends.

Pan-American Notes.

With the exception of placing a finer grade of gravel on the surface of a few of the roads, which is now being done, we can say that the Pan-American is practically finished, and I have no doubt that a sigh of relief goes up from the director-general and all other responsible officials, for it has been a mighty task. Last Thursday the attendance reached 51,500, and today, Dominion day, there is another large crowd. These numbers I believe compare favorably with the World's Fair, which about this time was averaging between 50,000 and 75,000, and they had a city of a million and a half to draw from.

The occasional heavy showers have helped the appearance of everything outside. We have received a very fine collection of fancy caladiums from Peter Henderson & Co., which were placed in the South Conservatory. In my last

notes your report made the exhibit of F. R. Pierson read, "400 Cannas." That would not have been a very large exhibit. It should read 4,000. There are upward of 400 of some one variety.

With very favorable weather and the soil so snitable to the hardy roses they seem now to be sending up a second crop immediately, which is very encouraging, and beds which we thought we would have to dispose of after the first crop promise to be brilliant for some time. Just at the present moment a bed of Crimson Ramblers covering an area of 1,500 square feet is a brilliant sight. At a rough estimate there is about 300,000 buds and blooms. They will be in perfection on the Fourth of July, an appropriate day for such a blaze of color. Henry A. Dreer has planted three large beds of tuberous rooted begonias. These are not considered satisfactory out of doors but we have seen them make as brilliant a show in Buffalo as geraniums, and with careful cultivation we believe they will again. The same firm has also planted several very large beds of dahlias. W. E. Hall of Clyde, Ohio, has sent 400 "Little Pink" geraniums. Mr. C. D. Zimmerman of our city has planted a very fine tropical bed.

I am not sure that I mentioned that we have two Century Plants, or, more correctly, Agave Americana, which are sending up enormous flower stems and will, I expect, be in bloom the latter part of July. I find very few people have ever seen these gigantic succulents bloom. The writer saw a pair of them bloom many years ago. We expect the flower stem to reach twenty feet. Some years ago one or two of these plants flowered in the city of Rochester and they were considered such a sight that excursion

trains were actually run from Buffalo and other cities to see them, but visitors to the Pan-American will have the opportunity to see them with many other sights. W. S.

A FLORAL SADDLE.

The accompanying engraving is from a photograph of a floral saddle arranged by Walter Kreitling & Co., Chicago, for the recent Derby day in that city. It was placed on the winning horse at the conclusion of the great race.

As the florist has frequent calls for designs of this character during the racing season we believe the picture will be of general interest to our readers.



A Floral Saddle.

ST. LOUIS.

Market Conditions.

The weather is so oppressively hot just now that the public is looking for cooler places than the florist's store. The early part of the past week was fairly active considering the season.

The growers are very busy just now. Some are rebuilding, others are painting and replanting. This work has been going on for a few weeks past. At some of the places the young stock looks very fine.

It is rather difficult to give a report of the market for the past week. Select roses are not to be had. There are supplies of poor grades in the market, and all they bring is from \$1 to \$3 per 100, and among these there are plenty of bullheaded Meteors and mildewed Brides and Maids; the only good-looking rose in the market is the Kaiserin. White carnations are in good demand, as

there is quite a lot of funeral work. The best of these bring \$1 per 100, but the bulk of them go for 50 and 75 cents. Sweet peas, which were a glut all of last week, are now out of the market. All outdoor stuff is looking bad, and if we don't have a good rain soon there will be none in the market. Smilax is holding out well with quite a demand.

Notes.

Fred Ammann, of Edwardsville, and E. W. Guy, of Belleville, were in town the past week buying supplies.

R. J. Mohr left last Saturday for Omaha to spend a two weeks' vacation at his home.

C. C. Sanders chaperoned a merry par-

The July meeting of the Florists' Club will be a lively one. There are quite a number of candidates for president. A lot of other important matters will come up for discussion, and it is hoped that every member will be present. The annual outing will take place a week later, and the trustees have about completed arrangements. The date of the meeting is July 11, at 3 p. m., and that of the outing is July 18, at 9 a. m. in Preister's Park, near Belleville.

Bowling.

The June series of the St. Louis Florists' Bowling Club ended last Monday night. Eighteen games were rolled, and A. Y. Ellison comes in first with an average of 175 in eleven games; Kuehn, second with 165; Bencke third with 152. No 200 scores were made, and the highest single score was by Bencke, 181. Ellison was second with 153 and Kunz, third with 152. The score of all the members who took part during the series are as follows:—

	No. G.	Total	Ave.	H. S.
A. Y. Ellison	11	1921	175	183
C. A. Kuehn	12	1974	165	180
J. W. Bencke	18	2761	153	187
W. J. Kunz	8	1185	148	182
C. C. Sanders	3	469	156	161
John Young	7	925	132	151
Will Adels	8	1042	130	148
F. C. Weber	12	1511	126	176
F. M. Ellis	18	2256	126	169
Theo. Miller	4	470	118	151

J. J. B.

PAN-AMERICAN EXPOSITION.

Sweet Pea Exhibition.

The special exhibition of sweet peas will be held July 23 to Aug. 2, and it promises to be an unusually interesting one. Following are the classes in which awards will be made:

- Class.
- 1—25 sprays of Pure White
 - 2—25 sprays of Yellow or Primrose.
 - 3—25 sprays of Bush or Light Pink.
 - 4—25 sprays of Rose or Deep Pink.
 - 5—25 sprays of Orange or Salmon.
 - 6—25 sprays of Mauve or Lavender.
 - 7—25 sprays of Red or Scarlet.
 - 8—25 sprays of Maroon.
 - 9—25 sprays of Blue.
 - 10—25 sprays of Contrasting Shades.
 - 11—25 sprays of Light Stripes or Blends.
 - 12—25 sprays of Dark Stripes or Blends.
 - 13—Collection of 20 vases named varieties; 25 sprays each not to include introduction of 1901.
 - 14—Collection of 12 vases, same conditions as class 13.
 - 15—Collection of novelties; introduction of current year; 10 sprays each variety.
 - 16—Group of 6 distinct varieties; 25 sprays each, in three colors: Pure White, Light Pink and Lavender.
 - 17—Group of 6 distinct varieties; 25 sprays each, in three colors: Red or Scarlet, Deep Pink and Orange.
 - 18—Group of 6 distinct varieties; 25 sprays each, in three colors: Yellow or Primrose, Blue or Maroon, and Striped or Variegated.
 - 19—Bouquet not to exceed 500 sprays. Quality of flowers, harmony of colors, and taste in arrangement to govern.
 - 20—General Display, 25 sprays of each variety. Entries must be received by Superintendent not later than Saturday, July 20. Exhibits must be in place not later than noon of the opening day.
- Any exhibit in one class will not be considered as competing for award in other classes.

Other special exhibitions to be held during the season are as follows: Gladiolus, Aug. 6 to 17; Asters, Aug. 27 to Sept. 7; Dahlias, Sept. 17 to 27; Chrysanthemums, Oct. 22 to 31. Copies of a pamphlet containing the classes for all the special exhibitions, including rules and regulations, may be had by addressing William Scott, Horticulture Building, Pan-American Exposition, Buffalo, N. Y.

A VALUABLE ASSISTANT.

I find the REVIEW a valuable assistant and an excellent advertising medium.—JOHN NORRIS, Florist for JEWELL NURSERY Co., Lake City, Minn.

ty of young people on a hay ride last Friday evening, which was given by his daughter, Miss Laura Sanders. Seventeen young people made up the party.

Charlie Kuehn is making extensive alterations at his place. He is moving the wire shop to the third floor and will use the entire first floor for cut flowers and supplies. Charlie is afraid the work is too great and may keep him from attending the convention.

The bad wreck on the Wabash at Cass Station, Ind., last Wednesday caused quite a disappointment among the dealers. The shipments of flowers did not come in until the next morning, and, of course, were only fit for the dump pile.

Park Commissioner Ridgely has returned from Milwaukee, where he attended the meetings of the American Park and Outdoor Art Association. Commissioner Ridgely will be kept very busy now that the World's Fair will be located in Forest Park, which is undoubtedly the best place for it.



Exhibit of Evergreens and Bay Trees at the Pan-American Exposition.

SOCIETY OF AMERICAN FLORISTS.

Transportation to Buffalo.

The Trunk Line Association has made the usual rate of a round trip for one and one-third single fare on the certificate plan, as in the past. The roads outside of the Trunk Line territory have not yet announced a rate but will undoubtedly co-operate on the same basis.

It was hoped that rates to the public for the Pan-American Exposition would be made so low as to make the use of certificates unnecessary this year, and for this reason acceptance of the one and one-third rate has been delayed until the present time; but it is now definitely settled that the above-mentioned rate is lower than anything that members of the society are likely to enjoy otherwise.

A special concession, however, has been made by the Trunk Line Association whereby members of the S. A. F., by depositing their certificate with the joint agent at the exposition on or before Aug. 14 and paying the sum of \$1 may obtain an extension of their return tickets to Aug. 24.

WM. J. STEWART, Sec'y.

EVERGREENS AT PAN-AMERICAN.

We present herewith an engraving from a photograph of the exhibit of evergreens and bay trees by Messrs. Bobbink & Atkins, Rutherford, N. J., at the Pan-American Exposition. It was impossible to get the whole of the exhibit into one view, as many fine specimen box and bays extend along the lawn. All except the sweet bays are planted out, and up to date not a plant has been lost. The exhibit consists of standard and pyramid sweet bays, a large number of finely trimmed box, taxus, blue spruce and a large assortment of the choicest evergreens. The collection arrived at the exposition about the 15th of May and occupied an entire car. The weather has been very favorable, but it is certainly unusual that in handling so many evergreens not one should have been lost.

In the background at the right is seen the Elmwood entrance, where the greatest number of people enter the grounds. The building upon which the flag is flying is the New York State Building, a handsome marble structure which will remain after the exposition is closed.

CHICAGO.

The Market.

The supply of roses seems to have shortened still further, and the quality to have dropped a few pegs more. Good teas bring \$4 but there are mighty few of them and for the other kind the price grades down to zero. There are quite a few good carnations, but the demand is light. Though sales at \$1.50 are reported others say that \$1 is about the top and the sales at prices below that figure are much more numerous than those at above it. We hear of clean-up sales at 3 cents a bunch of 25.

Some good peonies are yet to be had from cold storage stock. Sweet peas are coming in by the cartload. Of the good ones about half find buyers but it seems impossible to move the others at any price. We hear of clean-up sales at as low as 1 cent a bunch. A few good whites still bring 25 cents a hundred.

Reviewing the season as a whole the dealers say it has been satisfactory from their standpoint but that the growers' returns for a given amount of stock have averaged about 15 per cent less than last year, which has been hard on the growers. The great increase in production is evidently making itself felt. At the same time good stock, put on the market in good shape, has nearly always brought good figures.

Various Items.

The date for the Florists' Club's picnic has been changed to Wednesday, July 24, owing to the fact that Tuesday is required by the bowling contingent for their games.

The leading retailers have agreed to close their places of business at 6 p. m.,

on Saturdays at 8 p. m., and at noon Sunday during July and August.

There has not yet been any agreement made by the wholesalers, but all will probably close at 5 p. m. on week days and at noon Sunday, beginning July 5.

Mr. Arnold Ringier, representing W. W. Barnard & Co., sailed from New York June 27 on a business trip to Europe. While there he will visit his old home in Switzerland. Mr. R. R. McGill, also with the above firm, has returned from his summer vacation of two weeks, which he spent at his old home in Iowa.

Mr. James Hartshorne is now sole manager of the Chicago Carnation Company, of Joliet, Mr. J. D. Thompson's connection with the company having been severed July 1.

The Fleischman Floral Company has been incorporated with a capital stock of \$10,000. The incorporators are Ben F. Rubel, W. Kasper, Jr., and J. A. Irrman.

John Bohan has gone to Salt Lake City to take a position with the Salt Lake City Floral Company.

Alex. Newitt is now foreman for Jos. Labo, Joliet, Ill.

The rose garden on the wooded island in Jackson Park has been making its annual display of bloom, and the roses have been of excellent quality.

A. H. Budlong is camping out in Wisconsin. J. A. Budlong is as strongly addicted to the bicycle as ever, and averages 6,000 miles a year. He broke his collar bone on a trip last May, but is now in as good trim as ever.

There was a quick lift of quotations and other things at McKellar & Winter-son's last Tuesday as the result of a call by a fire cracker about a foot in length. It exploded right under Mr. Winter-son's feet, and that rising young man is still rising.

X. Wietor is back from another fishing trip, this time to Tomahawk Lake, Wis.

The retailers say it has been the poorest June in years.

The stretch of torrid weather was broken by heavy rain storms Monday and Tuesday of this week, and while it

is still very warm it is more endurable. Working under glass was positively dangerous last week.

Bowling.

The ninth series of league games last Tuesday evening developed a warm contest between the Wholesalers and the Retailers. Of the three games the Wholesalers took two and the Retailers one. The Growers received a gift of three games from the Seaman. F. Stollery picked up one of those dollar prizes with a score of 208. Following are the scores:

WHOLESALEERS.

E. F. Winterston	127	195	164
G. L. Grant	150	181	176
W. S. Heffron	159	162	150
C. Hughes	143	130	116
Jos. Foerster	184	169	169
Total	736	838	755

RETAILERS.

Geo. Asmus	150	194	154
W. Kreiting	127	126	120
F. J. Hauswirth	185	112	172
John Sterrett	135	175	164
C. Eulhoff	128	164	182
Total	721	772	782

GROWERS.

Jno. Paulus	149	126	105
N. A. Schmitz	143	137	145
G. Stollery	178	131	177
F. Matti	160	165	169
F. Stollery	189	208	165
Total	809	767	761

SEEDSMEN.

Jno. Degnan	144	141	164
Winnipeg Fildrop	91	76	84
C. J. Reardon	117	125	102
F. Church	109	119	87
Jno. Reardon	94	115	91
Total	565	576	528

The teams now stand as follows:

Wholesalers	Won.	Lost.
Growers	.....	.....
Retailers	.....	.....
Seedsmen	.....	.....
	3	24

Below we give the averages to date of those who have played in more than three series of games, omitting fractions where less than one-half and counting more than one-half as one.

	Games.	Total.	High.	Ave.
Jos. Foerster	24	4691	212	176
F. Stollery	24	4015	185	167
Geo. Asmus	24	2927	203	164
G. Stollery	24	3726	199	164
E. F. Winterston	24	3801	202	158
F. J. Hauswirth	24	3764	219	157
C. Eulhoff	27	4208	214	156
Jno. Degnan	27	4102	185	155
F. Matti	27	4102	185	155
G. L. Grant	24	3446	192	152
N. A. Schmitz	26	3967	199	152
Jno. Sterrett	12	1788	181	144
Jno. Paulus	12	1733	173	138
E. Enders	27	3672	183	136
C. Hughes	16	2175	156	131
W. S. Heffron	19	2469	162	130
W. Kreiting	26	3298	184	127
O. Kreiting	20	2589	144	129
C. W. Scott	18	2126	144	118
W. Nagle	17	1955	168	115
	13	1360	168	105

PHILADELPHIA.

The Market.

The most noticeable change in the cut flower market this week is in the personnel of the sellers. The commission men are with us still and the growers who are important factors in our winter business come in town with flowers but rarely or do not come at all. Better so, for there is not near enough business to use up all the stock that comes in as it is. There are a few nice flowers coming in and a great many fair ones. Sometimes they are wanted, generally they are not. Prices are low. That is all there is to say.

Various Items.

John C. Cracey has gotten up a paper with the object of securing early closing among the uptown stores during July and August. The hours set for closing are 6 p. m. on two days, 8 p. m. on two other days, with the last two

days, Friday and Saturday, left open. This paper has been signed by nearly all the stores in the northwestern section of the city. It is a good move and should be taken up elsewhere, both in this and in other cities. The store men ought to have a lot up in summer when there is often little to do.

Samuel S. Pennock has been commenting favorably on the excellence of some of the stock sent in so late in the season. After naming one or two growers whose names are household words among us he added that they were not the only ones. By this our leading commission merchant was understood to mean that his kinsfolk were keeping up their reputations. Lansdowne produces good roses even in summer, especially Meteor has done well there in past seasons.

Charles E. Mowlan has quite a good stock of Maman Cochét rose which he is trying for the first time for summer cutting. The plants have made strong growth and promise well. Bride and Maid have done well here but La France is not considered satisfactory as a winter bloomer. Smilax is grown to some extent and asparagus more largely.

The Florists' Club of this city will have a bouquet during convention week at the Armstrong apartment house at the corner of Mohawk and Delaware avenues, Buffalo, N. Y., and they may mess in detachments at nearby restaurants of reputed excellence. The rate at the Armstrong is \$1 to \$1.50 a day for each person where two persons occupy one room. Presumably the rate is higher where a single room is desired or for special rooms. Notices have been sent to all members with blanks to be filled up and returned to G. C. Watson, 211 South Juniper street, this city, before July 15. This will enable the hotel committee to secure the rooms required at the Armstrong in good time.

It is an interesting fact that the industries that most closely affect our own, namely, glass and coal, are now in the hands of trusts. Glass has been advanced until today certain popular sizes cost two and one-half times as much as they did five years ago. And with the glass factories idle to keep up prices there is no relief in sight. The increase in the price of coal is not so marked. The small sizes will be higher than last year, while the large sizes are to be steadily pushed up each month until September, when high water mark slightly below last winter's strike scare price will be reached.

Should these two great trusts succeed in carrying out their plans it will be necessary for us to look sharp or our stock will cost us more to produce than we will get for it. Personally, I believe the demand will be so good as to justify higher prices next season than last season, good as they then were, and that will at least offset the advance in the cost of the articles we consume. This is, however, an uncertainty against almost a certainty, and it will be well for us all to use judgment in making plans for the winter.

The rose growers who have used shading cloth on their houses while cleaning and filling have a decided advantage over their brethren, who think such an aid a sign of degeneracy. The work is done much more quickly and thoroughly with the cloth than without it at a small outlay. It was once thought that only "Willies" carried umbrellas; now

it's the same with shading cloth; you will all come around in time.

If these notes are not chery enough or don't interest you, pray remember that the thermometer was 100 degrees Fahrenheit in the shade on the day of the evening that they were penned and that the writers did not divide their time between the palm leaf fan and the water cooler but were in and about the houses where it was not quite so cool as above temperature.

Club Meeting.

The attendance at the meeting of the Florists' Club last Tuesday evening was not large but the meeting was an animated one. John Westcott, chairman of the transportation committee, anticipates a rate of one fare (\$9.25) for the round trip to Buffalo by the Pennsylvania railroad. Over 100 are expected to start from here for the convention city on Monday, Aug. 5. The bowling enthusiasm is strong and the other teams had better figure on strong work by the aggregation from this city.

PHIL.

KANSAS CITY, MO.

The long spell of drought is still unbroken and the high temperature which has prevailed all through June is causing considerable alarm here. We have had but one good rain in two months, and that was accompanied by a destructive hail storm which riddled the houses of a few of our florists south of the city. The loss is felt quite seriously by some owing to their limited amount of capital and the present high price of glass.

Truly the growers have had a most trying season to contend with. Even with the liberal use of the hose outside stock is barely kept alive, and it shows no signs of either growth or bloom. Our lawns are so badly parched that the use of the mower has been unnecessary so far this summer, and shrubbery which bloomed so profusely a year ago has suffered accordingly.

The volume of business done in June was very satisfactory and fully equal to the same month a year ago. Funeral work was much in demand last week, and everything in the shape of a white flower was put to good use. Roses and carnations are all stem and foliage, the blooms being so small and poor it requires the use of a powerful lens to see them. The only outdoor flower of any account is the hollyhock, and owing to the extreme scarcity of other stock this flower has advanced to the front ranks.

The Chicago commission houses are sending some good material to this market. Arthur Newell received an assortment last Saturday among which was a hundred paeonies. These Arthur tells us had been in cold storage, and they certainly were fine, perfect flowers and far superior to those grown here this season.

Baker Bros., two thrifty youths, have departed for the Klondyke, where they hold important claims. They had been engaged in the florist business over twenty years and owned a neat range of houses and a valuable tract of land. The greenhouses have been leased to Sam Short, who will grow general stock for his model store in Kansas City, Kan.

Recent visitors were: John Buxton and Lawrence Betz, of Pleasant Hill,

MCKELLAR & WINTERSON

45, 47, 49 Wabash Ave., CHICAGO.

Look for our Special Clearing Sale Adv. in this paper next week.

SAMUEL S. PENNOCK, Wholesale Florist

Commencing June 24th and continuing during the summer months, will be open from 7:30 A. M. to 6:00 P. M.

American Beauties and Valley Our Specialties. 1612 E. 14-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

Mo.: Timothy Noll, of Joplin, Mo., and the Stiles Bros., of Oklahoma City.
H. J. M.

NEW YORK.

Reed & Keller have purchased the entire stock of the extensive florists' supply business of Aug. Rolker & Sons, 52 Dey street, and the same, comprising all sorts of florists' requisites, will be on sale in a few days at their warehouses, 122 West Twenty-fifth street, New York city.

STYLES OF BUILDING.

I notice some of the builders advocate higher gutters and less pitch to the roofs of the houses. As this upsets all my ideas of building I would like to advance a few reasons why I think the house with nearly a half pitch is better than a flatter one.

The more glass the more light and less area to heat. Butted glass can be used successfully when a house has a proper pitch, and there is certainly less wind resistance in a house with butted glass than in one with lapped glass.

I would like to hear from experienced growers and hope the matter will be discussed at some length, for it seems to me that to grow stock successfully the houses must be the first point to consider.

J. H. M.

SHIPPING PLANTS.

I want to sound a long, loud "Amen!" to the article on "Shipping Plants" written by "Boxes" in the Review of June 20. There are other grievances which should be aired in the interest of all concerned. For instance, after paying heavy express charges we sometimes receive a letter from shipper stating that "We are out of some of the plants ordered and have sent you so and so," and this without so much as "by your leave."

KICKER No. 2.

SALT LAKE CITY, UTAH.—The new range of the Salt Lake Floral Company will consist of six even span houses, each 20x260, and a work room and boiler room 30x116. Store room and living rooms for the help will be over the work room. J. H. Mitchell is manager.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St., FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention THE REVIEW when you write.

Burpee's Seeds Grow

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—By an experienced grower of roses, carnations and mums; good grower of cut flowers for a commercial place; near St. Louis; single. Address Rose, care Florists' Review.

SITUATION WANTED—By practical florist foreman; grower fine roses, carnations, mums, general stock; commercial or private position; 25 years experience; best references. Address G. care Florists' Review.

WANTED—Young man for florists' store. A. Washburn & sons, Bloomington, Ill.

WANTED—A good all-around man; good wages and steady position. Address J. J. Beck, New Castle, Pa.

WANTED—Single man, for general work about private place; no greenhouse; steady job; state age and give reference. C. C. Pollworth Co., Milwaukee.

FOR SALE—Greenhouse and residence property in Mount Gilead, Ohio; two new greenhouses, 13x22 and 12x18; lot 6x132, near business center; brick cottage, 20x30; only greenhouse in place; good trade, well stocked; price \$500. Levi Wright, Mt. Gilead, Ohio.

FOR SALE—Six-room residence, two hothouses, stock and supplies, in a city of 10,000 inhabitants; good shopping facilities; terms easy. Address Geo. E. Ott, Lexington, Ky.

WANTED—Two young men for greenhouse work; good wages to workers. Morton Grove Greenhouses, Morton Grove, Ill.

FOR SALE—Some extra good second hand 3-in. pipe at 1c per foot; also some 4-in. guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—A man handy with tools, for work about greenhouses; one with some knowledge of the business preferred; steady position to right party. Address M. T. care Florists' Review.

FOR SALE—Greenhouse, 12 miles south of Chicago Court House, containing about 1,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR SALE—A flower store, in Iowa's best city, at a bargain; good trade; low rent, gas included; \$15,000 cash buys it; owing to poor health the owner wishes to go out of business; here is a fine business chance on little capital invested and good returns. Address Florist, care Cedar Rapids Advertiser, 227 Masonic Temple, Cedar Rapids, Iowa.

WANTED—30 boxes single or double thick glass, from 12x14 up to 12x22; state lowest figures. John Stamm, Hutchinson, Kan.

WANTED—A young man who can grow good roses and carnations; \$40.00 per month to start; permanent place for reliable man, John Fallon, Staunton, Va.

Wanted=Partner with seven thousand cash.

Present owner in poor health and wishes some one interested with him who can attend to inside work and retail business. A wholesale and retail trade extending over Pacific Coast and Southwest. Address

PACIFIC COAST, care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age. A Decorator and Designer second to none, with best references in the country, wants a permanent position. Address Salesman, care Florists' Review.

CINCINNATI.

Various Notes.

The awfully hot weather still continues, the thermometer rising each day almost to the 100 mark, and at present there is no sign of a break in the hot spell.

Of course, flowers have dwindled to almost nothing in size and with the exception of feverfew and candytuft, etc., are very scarce. White carnations are in good demand and readily bring \$1.50 per 100, with scarcely half enough to fill orders. Roses, with the exception of Meteors, are very poor and go for 2 to 3 cents. The Meteors are good and sell from 2 to 5 cents. Business as a rule is good considering the hot weather and shipping trade still holds up in good style, especially for white flowers. Nearly all of the retail business is funeral work, so white flowers are most in demand.

The new eastern ferns are now in this market and are fine. They bring \$1.50 per 1,000.

The boys are beginning to talk Buffalo a little now, and as the date of the S. A. F. O. H. convention draws near and interest grows I think that quite a number of the craft will make up their minds to take a week off and go. The chance to go to the convention and to take in the exposition at the same time is a big inducement and hard to resist.

Preparations for the florists' annual outing are rapidly nearing completion. It is to be hoped that July 18, on which date the picnic will occur, will be a better day than the picnic day last year, when it rained all day.

The residence of R. A. Betz was visited by a thief early Monday morning and several articles of value were taken. As yet the thief has not been caught. This is the second time within a few weeks that Mr. Betz has been robbed.

Park Superintendent B. P. Critchell has returned from Milwaukee, where he attended the meeting of park superintendents. C. J. OLMER.

ST. JOSEPH, MO.

Mr. J. N. Kidd has disposed of his plant business and will hereafter devote all his attention to his store business. He will handle stock from some of the large western growers.

Cut flower trade keeps up well considering the extremely hot and dry weather we are having. Out-door stock is smaller than when planted eight weeks ago. The mercury has stood at 98 to 103 degrees during the middle of the day for a week. Roses and carnations are small and mixed stuff scarce.

JOLIET, ILL.

Mr. James Hartshorne is now sole manager of the Chicago Carnation Co. Mr. J. D. Thompson's connection with the company having been severed July 1.

Mr. Thompson is endeavoring to organize a company to build and conduct another carnation growing establishment.

WACO, TEX.—The Texas State Floral Society has issued the premium list for its annual exhibition, which will be held in this city Nov. 12 to 16 next. Mr. Henry Nanz, Louisville, Ky., has been selected to act as judge at the exhibition.

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You already know what Henry A. Dreer, Philadelphia, and A. J. Baldwin, Newark, O., think about Nephrolepis Wittboldii. Here is what the E. G. Hill Co. say about it:

The E. G. Hill Co.,

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Cash Please. Mrs. GRISWOLD, WORTHINGTON, O.

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THE FLORISTS' MANUAL.

A Reference Book for Commercial Florists

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

AGERATUM.

Ageratum, 2 1/2-in., \$2.00; 3-in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ALTERNANTHERA.

Alternanthera. Paronychioideae major and aurea nana; strong bushy, from 2 1/2-inch pots, \$10.00 per 100. Staifstation guaranteed. A. B. Davis & Son, Purcellville, Va.

50,000 Alternanthera. Paronychioideae major and aurea nana; 150 grown in boxes; \$2.00 per box. Cash with order. Herman Maenner, Maspeh, N. Y.

Alternanthera A. nana, 2-in., \$1.25 per 100; \$10.00 per 1000. Cash. C. A. Harris & Co., Delanson, N. Y.

5000 alternantheras, red, yellow and pink, 2-in., \$1.25 per 100. Cash with order. L. Ulrich, Tiffin, Ohio.

Alternantheras, red and yellow, 2 1/2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Alternantheras, red, \$1.50; yellow, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, small pink, 2 1/2-in., \$1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

Alternanthera paronychioideae major, \$2.00 per 100. Jos. Labo, Joliet, Ill.

ALYSSUM.

Alyssum, Dbl. Giant, 2-in., \$2.00; 2 1/2-in., \$3.00; 2-in., \$4.00. Rooted cuttings, \$1.00 per 100, \$8.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Alyssum, Double Giant, 2-in., \$2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AMPELOPSIS.

Ampelopsis, like young plants, \$1.00 per 100. A. Baller, Bloomington, Ill.

ARAUCARIA.

Araucaria excelsa, 4-in. pots, 3 to 4 tiers, 8 to 12 inches high, 50c to 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

ASPARAGUS.

A fine lot of young Plumosa Nana in 2 1/2-in. pots, ready for benching. Pays better than ferns to cut from. Price, \$3.00 per 100; \$25.00 per 1,000. Cash with order. Address Joseph Towell, Paterson, N. J.

Asparagus plumosus nanus, extra strong 2-in. ready for sale, \$5.00 per 100; \$40.00 per 1000. Sprenger, strong 2-in., \$4.00 per 100; \$35.00 per 1000. Emerson C. McFadden, Short Hills, N. J.

Fresh seeds of A. plumosus nanus, 85c per 100, \$6.50 per 1,000, \$30.00 per 5,000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus nanus, fine 3-in. pot plants, \$5.00 per 100, \$40.00 per 1,000. All No. 1 stock. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Asparagus, 2-in. pots, 100; Sprenger, \$2.00; Plumosus, \$2.50; decumbens, \$1.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, from flats, \$1.75 per 100; \$15.00 per 1000. Cash. Mrs. Griswold, Worthington, Ohio.

Asparagus Sprenger, 2-in., \$2.00 per 100. Plumosus, \$2.50 per 100. Cash with order. L. Ulrich, Tiffin, Ohio.

Asparagus plumosus, 3-in., \$5.00 per 100; \$40.00 per 1000. Send for sample. A. M. Herr, Lancaster, Pa.

350 Asparagus plumosus nanus, fine 2 1/2-in., \$10.00 the lot. Cash. Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, fine, 2 1/2-in., \$3.50 per 100. Cash. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus Sprenger, per 100; 2-in., \$1.50; 2 1/2-in., \$2.00. M. J. Coventry, Fort Scott, Kan.

Asparagus plumosus nanus, 5-in., \$5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus Sprenger and plumosus. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

Asparagus Sprenger, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASTERS.

Aster plants grown from the best seed: Simple's Queen of the Market and Giant Californica, respectively, \$2.00 per 100; \$2.50 per 1000. J. C. Schmidt, Bristol, Pa.

Transplanted asters, Simple's mixed, \$2.00 per 100; from seed box, \$1.00 per 1000. White and purple. H. W. Wieland, Newtown, Pa.

Simple's asters; separate colors; purple, shell pink, rose lavender, and white, \$2.50 per 100. A. & G. Rosbach, Pemberton, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, \$5.00 per 100. From thumb pots, \$5.00 per 100; 3 1/2-in. pots, \$12.00 per 100.

Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea Indica. Orders taken now for fall delivery, 10 to 12 inches, 35c; other sizes from 50c up to \$2.00. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

BEDDING PLANTS.

Cannas. 500 Chas. Henderson, 100 Burbank 250 Florence Vaughan, 100 Alphonse Bouvier, 3 1/2 and 4-in. pots, \$5.00 per 100. 1000 Coleus, Wyandottill and Golden Beauty, \$2.00 per 100. Geraniums, 100 Double Gen. Giant, 4-in. pots, \$5.00 per 100; 200 2 1/2-in., \$4.00 per 100. 100 S. A. Nutt, \$2.00 per 100; 80c per 100. France, 3 and 2 1/2-in., \$3.00. Theodore Seales, Box 305, Port Chester, N. Y.

Alternantheras. A. Nana, 2-in. pots, \$1.25 per 100; \$10.00 per 1000. Heliotropes, 2-in. pots, \$1.50 per 100; Ageratum, 2-in. pots, \$1.25 and others, \$1.20 per 100. Sweet Alyssum, 2-in. pots, \$1.00 per 100; Cannas, Henderson, 3 1/2-in. pots, \$5.00 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

Needing the houses for roses I offer the following, cheap for cash: Double and Double Gen. Giant Geraniums, Heliotropes, Feverfew. All from 3 1/2-in. pots, good plants, at \$4.00 per 100. C. L. Howe, Dover, N. Y.

Geraniums, named varieties, from 4-in., \$5.00 per 100. Salvia, from 4-in., \$4.00 per 100. Celadonums, from 4-in., \$5.00 per 100. Ivies, from 4-in., \$5.00 per 100. Cash with order. Lincoln I. Neff, Pittsburg, Pa.

Salvia. Splendens, 3-in. pots, \$3.00 per 100. Bonfire, 2 1/2-in. pots, \$2.00 per 100. Fetunia, Dree's large flowering 2-in. pot, \$2.00 per 100. Edward Eckert, 25 Whiting St., New Britain, Conn.

Escheveria Californica, rooted offsets, \$1.00 per 100; \$2.50 for \$2.50. Cash. Mrs. M. E. Patterson, Glendale, Cal.

Escheverias, \$2.00 per 100. Cash. A. Claus, Springfield, Ill.

BEGONIAS.

GRAND NEW CLIMBER BEGONIA, "MARGUERITE DAW." The most wonderful and rapid grower of any begonia in existence. A cross between rubra and glaucophylla, scandens. Large flowers, from large clusters on long stems. Color an exquisite salmon pink. No collection is complete without it. Plants from 2-in. pots, \$1.50 doz., post-paid. Send for trade list. Mrs. Theodosia B. Shepherd, Ventura-by-the-Sea, Cal.

Gloire de Lorraine Begonia, I have the largest stock in America, \$15.00 per 100 out of 2 1/2-in. pots. Write for prices on large lots. Thomas Roland, Nahant, Mass.

Tuberous rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Begonias, 2 1/2-in., 10 varieties, ready for 4-in., \$2.00 per 100. E. G. Bunyar, Independence, Mo.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1000. Cottage Gardens, Queens, N. Y.

Tuberous begonias, strong, healthy stock, 2 1/2-in., \$5.00 per 100. Jos. Labo, Joliet, Ill.

BOUVARDIA.

Bouvardia from 2-in. pots, 600 red, 250 white, 250 pink at \$2.50 per 100. A. M. Faumant, 5035 Pulaski Ave., Germantown, Philadelphia, Pa.

BULBS.

Zephyranthes rosea. Flowers profusely in heat. Trade list several days when cut. Just the thing for florists. Flowering bulbs, 20c per doz.; \$2.50 per 100. A few vinca minor to \$1.50 per 100. In addition, gladioli and dahlias, mixed, strong roots, \$1.50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

Freesia bulbs, per 1000 prepaid, 1/4 to 3/4, \$1.25; 3/4 to 1, \$1.50; and over, \$2.00. Cyclamen, 1000 geraniums, per 100 prepaid: Fine dormant bulbs, \$4.50; strong young plants, \$3.00. Cash with order. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

Lilium longiflorum. Cold storage bulbs, 5 to 7-in., will produce 3 to 6 flowers, \$3.00 per 100; \$30.00 per 1000. Why take chances on diseased Bermudas when you can have a sure thing? Edw. Alex. Wallace, Victoria, B. C.

2,000,000 Roman hyacinths, also Dutch and French bulbs of every description. Forcing plants and valley pipes. Prices on application. W. J. Walz & Co., Rochester, N. Y.

P. W. G. Narcissus, \$1.00 per 100. Daffodils (Golden Campestries), \$5.00. Jonquils (Campanuloides), \$4.00. Try in sample. Misses Wilson, Mildred St., Montgomery, Ala.

R. Darrell & Co., Hamilton, Bermuda. Lilium Harrisii and Longiflorum bulbs to growers direct. Stock guaranteed. Delivery in small or large quantities.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Freesia Bulbs, 3-in. and up, \$3.00 per 1000; 1/4 to 3/4-in., \$1.25 per 1000. Cottage Nursery, 919 Fifth St., San Diego, Cal.

Prices on all summer, fall and winter bulbs cheerfully given by F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Edw. Alex. Wallace, Victoria, B. C.

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A great variety true to name. Good mailing sizes, \$5.00 per 100; offsets and small plants, \$3.00 per 100. Cash. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Canna Queen Charlotte, Austria, Chas. Henderson, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Florence Vaughan, Philadelphia and Philadelphia, fine started plants, from 2-in. pots, \$5.00 per 100; 4-in., \$6.00 per 100. National Plant Co., Dayton, Ohio.

Cannas, 250 fine plants 100 1 1/2-in. pots, Mme. Crozy, Chas. Henderson, Florence Vaughan and others, \$6.00 per 100. J. & W. Leach, 1010 De-Haville Ave., Long Island City, N. Y.

400 Burbanks, fine plants, 3-in., \$3.50 per 100. 1500 Burbanks, from sand-bed, well rooted, \$1.50 per 100. 1500 seedling cannas, best Crozy type, 3-in., \$2.50 per 100. W. W. Dedrick, Ashley, Ind.

Cannas, F. Vaughan, Crozy C. Henderson, A. Bouvier, Burbank, Pres. Cleveland, Robt. Christie, Eganide and Charlotte, fine plants from 4-in. pots, \$2.00 per 100. S. M. Harrison, Danville, Ky.

Cannas, Strong 4-in. Crozy, Chas. Henderson, Florence Vaughan, Mme. Berat, Burbank and Marquart, \$5.00 per 100. B. Hills, Elkhart, Ind.

Canna Italia, Burbank, F. Vaughan, Chas. Henderson, Queen Charlotte, 4-in. pots, \$3.00 per 100. H. Kaden, Gatesville, Tex.

Cannas, 20 leading varieties, 3 1/2-in. pots; fine plants 15c each; \$5.00 per 100. Cash, please. T. C. Breese, West Berlin, Ohio.

Cannas, 3 1/2-in., \$6.00; 4-in., \$8.00; 3-in., mixed, \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Cannas, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Canna Austria, \$5.00 per 1000. Soar Bros, Little River, Fla.

CARNATIONS.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Carnations. Place your order now for field plants for fall delivery. Geo. Hancock & Son, Grand Haven, Mich.

Prosperity, the largest fancy carnation. Write for full description. Dalledouze Bros., Flatbush, N. Y.

For carnations write F. Dörner & Sons Co., La Fayette, Ind.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CHRYSANTHEMUMS.

Chrysanthemums. Best varieties as follows: Midnight, Louis Roehmer, Merry Christmas, Frank Hardy, Silver Cloud, Violet, Mrs. Robinson, Ferris, Ivory, John Shrimpton, Mrs. Robinson, Kentucky, Modesto, Queen, Glory of Pacific, Belle of Castlewood, Titian, Mrs. M. Johnson, Adams, Madam, Mrs. Florence Fullman, Mrs. S. T. Murdoch, Col. W. B. Smith, Mrs. E. Bergmann, Eugene, Dailstone, Hucus, Friend, Marion Heisterman, Georgiana Bramhall, Major Bonaffon, Wm. Simpson, Fisher's Torch, Yellow Queen, Jessica, Golden Yellow, Pink Ivory, Oceano, J. E. Lader, Lenawee, Egata, Monarch of Ostreich Plumes, Golden Hair, John C. Robinson, Mrs. J. M. Smith, Whitehead, and Enfant des Mondes. Fine plants \$2.50 per 100; \$2.50 per 1,000. National Plant Co., Dayton, Ohio.

Malcolm Lamond, the red chrysanthemum that does not burn, is a growth 2 1/2 feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, \$3 each; \$2.50 per doz.; \$25.00 per 100. James Niven, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums, strong plants of the following varieties, from 2-in. pots, \$2.00 per 100; \$20.00 per 1,000. Balmberg, Balmberg, Wind, Sunderbruch, Mrs. J. G. Iis, Mrs. Weeks, Jerome Jones and Robinson, Col. Appleton, 2 1/2, 4 1/2 and 5 1/2 in. pots, \$2.00 per 100.

Bonaffon, Queen, Jerome Jones, Bergmann, Ferris, Autumn Glory, Adele, Oct. Sunshine, Yanoma, Robt. Halliday, Mrs. H. Weeks, Wanda, Red Button, 2 1/2 in. pots, \$2.00 per 100; \$3.00 per 1,000; 3-in., \$3.00 per 100. Ben L. Elliott, Cheswick, Pa.

Chrysanthemums. 10 Ivory, 2 1/2 in., 300 Bonaffon, 2 1/2 Robinson, 4 1/2 in., 450. \$2.00 per 100; \$20.00 per 1,000. Rooted cuttings of White and Yellow—Monarch, \$3.00 per 100. Cash with order. E. Leully, West Hoken, N. J.

New Chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light bluish pink, stiff stems, blooms very early, \$2.50 per doz. Cash with order. John Cook, 218 North Charles St., Baltimore, Md.

It is time now to plant your mums. I have a surplus stock of about 500 from 1/2 in. and 500 from 2 1/2 in. pots, fine, strong, healthy plants of the best commercial and exhibition varieties. Gunnar Tellmann, Marion, Ind.

Chrysanthemums. Jones and Bonaffon, Richmond, \$2.50 per 100; Chadwick, \$3.00 per 100. These are extra strong plants out of 2 1/2 in. pots. Cash, please. J. H. Flesser, 415 Summit Ave., West Hoken, N. J.

Chrysanthemums, fine stock of best cut-flower varieties, such as Kalb, Bonaffon, Ivory, Mrs. Robinson, Mrs. Bassett and many others, 2 1/2 in., \$2.50 per 100. Joseph Hancock & Son, Cedar Falls, Iowa.

Chrysanthemums Bonaffon, Ivory, Whilldin, Rose Owen, Pacific, Merry Monarch and Yellow Monarch, from 2 1/2 in. pots, \$2.50 per 1000. H. D. Darlington, Fishing, N. J.

Chrysanthemums Jones, Robinson, Smith, Hardy, Dailstone, Monarch, Glory Pacific, Autumn Glory, 50c doz.; \$2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

Chrysanthemums, 2 1/2-in. stock and rooted cuttings. For list of varieties and prices see display adv. in this issue. Pochman Bros. Co., Morton Grove, Ill.

Chrysanthemums. Leading commercial varieties, 2 1/2-in., \$2.50 per 100. Rooted cuttings, \$1.00 per 100. Write us your wants. Krueger Bros., Toledo, Ohio.

Chrysanthemum Timothy Eaton, the sensational giant white, \$5.00 per doz.; \$30.00 per 100. See our catalogue. H. Weber & Sons, Oakland, Md.

20,000 Mums. Best named varieties, rooted cuttings, \$15.00 per 1000; plants from 2-in. pots, \$2.00 per 1000. Cash. Lincoln I. Neff, Pittsburg, Pa.

Chrysanthemums, rooted cuttings, extra choice stock now ready, \$1.50 per 100; \$12.50 per 1,000. Lakeview Rose Gardens, Jamestown, N. Y.

Chrysanthemums Glory Pacific, Merry Xmas, also a few of the other leading varieties, 2 1/2 in., \$2.50 per 100. Harry White, New Holland, Ind.

Col. Appleton and Polly Rose, 2 1/2 in., \$6.00 per 100. Kraber, New Bedford, Mass.

CLEMATIS.

Clematis. Young plants; in choice kinds; large-flowering; free by mail or express, \$1.00 per doz.; \$7.00 per 100. F. A. Baller, Bloomington, Ill. \$1.00 Clematis paniculata, 1-yr., transplanted, \$1.25, mailed free. John H. Ley, Good Hope, D. C.

CLIVIAS.

Clivias, fine imported hybrids, flowering plants, \$2.00, \$3.00 and \$4.00 per doz. John G. Heintz & Son, Terre Haute, Ind.

COBÆA.

Cobæa scandens, 2 1/4-in., \$3.00; 2 1/2-in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

COLEUS.

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Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Red pots. Sample pot and price list on application. C. C. Polliworth Co., Milwaukee, Wis.

Columbia plant tubs. Invalud Appliance Co., 105-107 Yelder St., Chicago.

Red pots. Jacobs & Landis, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., specialists in Horticultural Printing. Harrisburg, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

SPHAGNUM MOSS.

L. B. Brague, Hinesdale, Mass.
G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.
Galv. rose stakes and Excelsior carnation supports. H. P. Littlefield, Worcester, Mass.

Galvanized rose stakes and tying wires; low prices and prompt shipments. Igloe Bros., 226 No. Ninth St., Brooklyn, N. Y.

Send in your order now for a copy of the Florists' Manual.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

ARMORED SCALES.

A subscriber recently sent us a leaf of latania palm infested with small black scales that were not oval but were more the shape of a minute black worm flattened against the leaf. They were about an eighth of an inch long and there was quite a colony of them.

We learn from Prof. John B. Smith, entomologist of the Experiment Station at New Brunswick, N. J., that they are known as Armored Scales, and he recommends persistent spraying with tobacco decoction at weekly intervals for at least a month, the mixture to be as strong as the plants will stand. A dilution of the tobacco extracts on the market or a solution of the tobacco soaps will answer.

Prof. L. O. Howard, Government Entomologist, Washington, says the scales are tropical species, found at the north only upon greenhouse plants, and recommends the kerosene emulsion wash as the best remedy.

KILLING MEALY BUG.

For killing aphid and mealy bug on plants nothing is equal to bi-sulphid of carbon. Put the plants in a light box, close up, put some of the carbon in a dish or merely set in the open tub. It beats all other remedies that I have ever tried.
J. B. RAPP.

PAR EXCELLENCE.

We are well pleased with the FLORISTS' REVIEW. It is par excellence.—J. B. RAPP, Owensville, O.

WELL PLEASED.

I am well pleased with the REVIEW.—HENRY A. SCHOLZ, Tonkers, N. Y.

VICTORIA, B. C.—Twenty-six botanical students of Minnesota University sailed from here June 20 for a month's stay at the botanical station at Port Renfrew.

THE twelfth annual report of the Missouri Botanical Garden, St. Louis, has been issued. The scientific papers include, "A disease of the black locust," "Crotoms of the United States" (very freely illustrated), and "Garden beans cultivated as esculents" (very comprehensive and freely illustrated). It is a handsome and valuable volume and does credit to the garden and to Director Wm. Trelease.

BUFFALO HOTELS.

No special rates will be made by the Buffalo hotels for convention week except to large parties. Below will be found a list of the leading hotels with the rates per day for rooms on the European plan. The rate given is for the cheapest rooms and there will be no limit to the "up" if the crowds are large and the demand for rooms brisk. But the Buffalo Florists' Club has a long list of other hotels, apartment houses, private houses, etc., from which they can supply accommodations for every one and at any price desired.

Write to the chairman of the hotel committee, W. A. Adams, 479 Main St., Buffalo, N. Y., telling him just what sort of accommodations you wish and at what price and he will see that you get it:

Iroquois	.....	\$4.00	per day and up, European
TIT	.....	2.00	per day and up, European
Bronze	.....	2.00	per day and up, European
Genesee	.....	2.00	per day and up, European
Mansion	.....	2.00	per day and up, European
Greene's	.....	1.50	per day and up, European
Detroit	.....	1.00	per day and up, European
Victoria	.....	1.00	per day and up, European
Vendome	.....	1.00	per day and up, European
Columbia	.....	1.00	per day and up, European
Niagara	.....	2.00	per day and up, European
Lenox	.....	2.00	per day and up, European
Butter's	.....	2.00	per day and up, European

BUCYRUS, O.—Miss Eva Kerr has closed the Amos flower store for the summer. It will be reopened in the fall.

OWATONNA, MINN.—An interesting paper on vines was recently read before the Owatonna Floral Association by Mrs. E. DeWena.

PARKERSBURG, W. VA.—A Ludike, formerly gardener for Mrs. R. C. Kerens, Elkins, W. Va., is now with Mr. G. A. Hieble, the florist of this city.

WEST CHESTER, PA.—The eighth annual flower show was held here June 8 and drew a large attendance. J. L. Maul, of Whitford, acted as judge.

HOLYOKE, MASS.—The annual rose show of the Horticultural Society was held June 19. The admission fee was 10 cents for adults and 5 cents for children.

SOUTH FRAMINGHAM, MASS.—John Butterworth has purchased the C. J. Power greenhouses, which he had leased for some years.

TERRE HAUTE, IND.—A hailstorm recently broke a good deal of glass in the houses of the M. A. Hunt Floral Company.

DOVER, N. H.—W. H. Elliott, of Brighton, Mass., has purchased land here upon which he will build an extensive greenhouse establishment in the fall.

HARTFORD, CONN.—The Florists' Club held its last meeting at Elizabeth Park and the members were liberally entertained by Superintendent Theo. Wirth. Several hours were spent viewing the beds of roses, which contain about fifty varieties and which were at their best.

WORCESTER, MASS.—Daniel Murphy, an employe of F. B. Madaus, the florist, was seriously injured by being thrown from the wagon during a runaway. He was thrown against an iron lamp post with such force that the post was broken into several pieces. Mr. Murphy was taken to the hospital. He is about 40 years old.

SPRINGFIELD, ILL.

Death of H. P. Buckley.

Henry P. Buckley, the florist, died June 24 of a complication of diseases after a protracted illness, aged 50 years.

Mr. Buckley was a resident of this city since 1872, and was always a respected and law-abiding citizen, having many friends. The news of his demise while not unexpected, will be received with sincere regret. Six months ago he suffered a stroke of paralysis, but until a month ago he was not in a critical condition.

He was a son of Mr. and Mrs. Jacob T. Buckley, and was born May 26, 1851, at Shopier, Wis. He was reared at that city and graduated from the local schools. In 1872 he came to this city, which has since been his home. Shortly after arriving here he engaged in the flour and feed business, the firm being known as H. P. Buckley & Co. He remained in that business until 1883, when he embarked in the floral business for himself. He was eminently successful in this latter business.

May 9, 1870, he was united in marriage with Miss Ella G. Conkling, daughter of William J. Conkling, of this city. He is survived by his widow, four sons, William T., Harry M., Edgar H., Ralph and C. Buckley; and three daughters, Alice M., Jeanette J., and Helen G. Buckley, all living at home.

The funeral was held June 26, three of his sons acting as pall bearers, and the remains were interred in Oak Ridge Cemetery.

Mr. Buckley, who was proprietor and manager of the South Side Floral Company, was on account of ill health forced to abandon his business Feb. 15 last, selling it to his eldest son, who has since then conducted it as the W. T. Buckley Plant Company.

GERANIUMS COMING BLIND.

In your issue of June 20, 1901, D. H. C. complains of trouble with geraniums coming blind. In my experience this happens when the stock is kept cool and wet in rather dark houses. Don't think he will have any trouble if he will run his houses a little warmer and drier. Geraniums will carry over and grow in a rather low temperature, even as low as 40 to 45 degrees, but 55 and 60 degrees will give much better results.

THOS. H. WHITE.

RANTOUL, ILL.—A very destructive hail storm did an immense amount of damage here June 20. H. M. Morris estimates the damage to his greenhouses, fruits and vegetables at \$1,000. Many of the hailstones or chunks of ice were two inches long and an inch thick. A great many windows were broken and the damage to crops was serious. The total loss due to the storm is estimated at \$25,000 to \$30,000 in this vicinity.

WE HAVE received from Messrs. H. H. Berger & Co., 47 Barclay street, New York, a copy of their new trade price list. It contains 16 pages and cover, is freely illustrated and presents in a very attractive way the extensive line of bulbs, plants and seeds they offer to the trade. Any one in the trade who has not received a copy can no doubt obtain one free by addressing the firm as above.

Going Out of Business

The Hinsdale Rose Co. has decided to go out of the business of growing roses and have for sale

the following stock which was grown for their own use. The stock is guaranteed to be in first-class condition in every respect,

and will be sold below the cost of production, for the reason that we have no use for it and wish the room for other purposes. Will trade stock for up-to-date carnations—that is the new varieties:

700 Brides, 2-inch pots.....	\$2.00 per 100	500 Meteors, 2-inch pots.....	\$2.00 per 100
6600 Brides, 3-inch pots.....	3.00 "	6500 Meteors, 3-inch pots.....	3.00 "
1250 Maids, 2-inch pots.....	2.00 "	1800 Meteors, 4-inch pots.....	4.00 "
7500 Maids, 3-inch pots.....	3.00 "	4000 Perles, 3-inch pots.....	4.00 "
2400 Maids, 4-inch pots.....	4.00 "	300 Liberty, 3-inch pots.....	6.00 "
		650 Liberty, 4-inch pots.....	10.00 "

The stock is in the best of condition and guaranteed so, or the money will be refunded. Address

HINSDALE ROSE CO.....Hinsdale, Ill.

Mention The Review when you write

FOR LARGE ORDERS, SPECIAL OFFER.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, 3-in., \$30.00 per 1000

Write for special price on large quantities.

We also have Brides, Maids and Golden Gates, at \$20 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

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ROSES... FOR THE TRADE, SPRING OF 1901.

We believe in shifting young roses, often. All stock offered in 2 1/2-in. pots has been shifted from 2-in. and is equal to most stock advertised as 2-in., and when we send it out is well established. We solicit your order and guarantee satisfaction. Write for special prices on large lots.

- Meteors, Brides, Maids,
- Perles, Kaiserin, A. V.,
- Wootton, Pres. Carnot,
- Golden Gate, Liberty.

GEO. A. KUHL, PEKIN, ILL.

Primulas, Plants, Etc.

Chinese Primulas, mixed and white, 2 1/2-in.	Per 100 \$ 2.50
Smilax, 2 1/2-in	1.50
" " from flats	.25
Asparagus Plumosus Nanus, 3-in.	5.00
Geraniums, dbl. red, pink and white, 3-in.	3.00
Aloeranthera, small pink, 2 1/2-in.	1.50
Bracaea Indivisa, 4-in.	10.00
California Ice Plant, for baskets, 2 1/2-in.	3.00
Geranium, Jean Vaud, 3-in.	20.00
Fansy Seed, Giant and Fansy, mixed, \$4.00 per oz.	

THE MORRIS FLORAL CO, Morris, Ill.



HITCHINGS & CO. GREENHOUSE BOILERS

233 MERCER ST., NEW YORK. PIPES, FITTINGS AND VENTILATING APPARATUS. Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

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Extra fine plants grown on their own roots for winter forcing.

- Liberty, 3-in. pots, \$12.00 per 100, \$100.00 per 1000.
- American Beauty, " " 8.00 "
- Brides, Bridesmaid, Meteor, Kaiserin, Mme. Hoste, Safrano, Golden Gates, Perle, Niphotos, Sunset, 3-inch pots, \$7.00 per 100.

Grafted Roses.

- Liberty, 3-inch pots . . . \$18.00 per 100
- Brides, Bridesmaid, Golden Gates, Kaiserin, 3-inch pots, \$12.00 per 100.
- 10 sample plants (to florists only) . . . \$1.00

J. L. DILLON, Bloomsburg, Pa.

PANSIES GOOD RAISING. GOOD SEED—AS USUAL.

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50,000 Geraniums!

AT REDUCED PRICES.

If you are in need of any of the following stock get your orders in at once and we will furnish you with strictly first-class stock in any quantity for little money.

GERANIUMS. S. A. Nutt, best double crimson; Brulant, semi-double scarlet; Grant, double scarlet. Strong plants from 2½-inch pots, \$1.25 per 100, \$12.00 per 1000. Frances Perkins, double pink; Beate Poitevine, semi-double salmon; E. G. Hill, single salmon; La Favorite, double white; J. M. Gaar, single white; Mme. Jaulin, semi-double, pink center, white tip; Mme. Brulant. Strong plants from 2½-inch pots, \$1.25 per 100, \$12.00 per 1000. All the above varieties in rooted cuttings, \$1.00 per 100, \$9.00 per 1000.

COLEUS. A choice collection of 35 distinct varieties, all bright colors and including only those of decided merit. **Golden Bedder** and **Verschoffia** in quantity, strong plants from 2½-inch pots, reduced price, 75c per 100, \$6.00 per 1000.

PETUNIAS. Double Fringed. Eight novelties in white, pink and bluish, all labeled, strong plants from 2½-inch pots, reduced price, 75c per 100, \$6.00 per 1000.

NOTICE. The above stock is guaranteed strictly first-class and worth twice the money. CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

Chrysanthemum

TIMOTHY EATON,

The Sensational Giant White, \$5.00 per dozen; \$30.00 per 100.

Other NEW AND STANDARD VARIETIES, fine thrifty stock from 2 and 2½-inch pots. Write for catalogue giving complete descriptions, with time of blooming, etc., of each variety.

Let us figure on your wants.
H. WEBER & SONS, Oakland, Md.
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VEGETABLE PLANTS! PLANTS!

CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, \$75.00 per 100,000.

CELERY.—Giant Pascal, Golden Heart, White Solid and other varieties, 75c per 100, \$1.00 per 1000, \$8.50 per 10,000; Giant Pascal and Golden Heart, \$75.00 per 100,000.

If by mail add 10c per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

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THE E. G. HILL CO.

Wholesale Florists,
RICHMOND, INDIANA.

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CHRYSANTHEMUMS AND ROSES.

We grow only good commercial varieties of mums in large quantities, select our stock carefully and supervise all shipments personally, so that satisfaction is practically assured. Prices are fixed as low as good stock can be sold for, allowing a fair profit.

CHRYSANTHEMUMS.		Yellow.		E. C. 2½-in.		RED.	
White.	Per 100.	Per 100.	Per 100.	Per 100.	Per 100.	Per 100.	Per 100.
Modesto.....	\$1.20	\$2.00					
Bonafon.....	1.30	2.00					
Golden Wedding.....	1.15	2.50					
Harry Hurrell.....	1.50	2.50					
Excelsior '91 w/ Chas.....	1.50	2.50					
Wick.....	2.50	3.50					
Yellow Mayflower.....	2.00	3.00					
Yellow Queen.....	1.50	2.50					
Paar (early).....	1.50	2.50					
PINK.							
Glory d' Pacific.....	1.30	2.00					
Maid Dean.....	1.50	2.50					
Perrin.....	1.30	2.00					
Vivand-Morel.....	1.50	2.00					
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Murdoch.....	1.30	2.00					
Autumn Glory.....	1.50	2.50					

3½-in. Mums, extra fine for pot plants. Write for list of what we have. When less than 25 plants of a variety are ordered, add 20 per cent. 5 per cent discount will be allowed on orders from 50 to 1000 plants. 10 per cent discount will be allowed on orders for 1500 and over. Remittances must accompany orders from unknown parties. Goods will be sent C. O. D. if requested. All orders are filled as soon as stock is ready. Every order has our personal supervision and will be executed to the best of our ability. In every case when stock is shipped satisfaction is guaranteed, or money refunded. **RECORD—\$25.000 sold during 1900** without a kick. Have the stock to double the amount of sales.

POEHLMAN BROS. COMPANY, MORTON GROVE, ILL.
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ROSE PLANTS

The plants which we offer are particularly good value; the best to be found in the country.

From 2½-in. Pots.		From 3-in. Pots.	
100	1000	100	1000
Bridesmaid.....	\$2.00 \$20.00	Bride.....	\$7.00 \$60.00
Bride.....	2.00 20.00	Bridesmaid.....	4.00 35.00
Golden Gate.....	2.00 20.00	Golden Gate.....	4.00 35.00

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.
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A few hundred GOLDEN GATES from 2½-inch pots, \$2.50 per 100. **PHOENIX CANARIENSIS**, good plants from 5 and 6-inch pots, \$3.00 per doz.

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Sprenger, 2-inch pots..... per 100, \$2.00
Plumosis..... 2.50
Decumbens..... 10.00

GERANIUMS, to close out, per 100, \$3.00.

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THE LARGEST FANCY CARNATION..... PROSPERITY.

A few thousand ready for immediate delivery. All orders filled in strict rotation. Prices for Rooted Cuttings—1 plant, 50 cents; 12 plants, \$5.00; 25 plants, \$8.25; 50 plants, \$10.00; 100..... 16.00; 250..... 37.50; 500..... 70.00; 750..... 101.25; 1000..... 130.00.
Write for full description.

DAILLEDOUZE BRSS, Flatbush, N. Y.
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SOLD OUT.

Our stock of young Carnations is sold out. Place your order now for **FIELD PLANTS for F&L DELIVERY.** All the best varieties.
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VIOLETS.

Extra fine, from 2½-inch pots, Imperial, M. Louis, Parquetier and Lady Campbell, \$3.00 per 100; \$25.00 per 1000.

SMILAX. 600 3-in., this is choice stock, at \$3.50 per 100, 900 2½-in., \$1.00 per 100.

ROSES. Clean, extra fine, healthy. Brides and Maids, A. J., for immediate planting, 3-inch, \$1.00 per 100; \$3.00 per 1000. 4-inch, \$4.00 per 100; \$35.00 per 1000.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publishers.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making indexes in our classified ads, and they will be found there under their proper headings.

Table listing advertisers and their page numbers, including American Rose Co., Jennings Bros., Easting, W. F., Kellogg, Geo. M., etc.

A KINDERGARTEN.

Mr. George Hansen, Berkeley, Cal., the landscape gardener, has written a very interesting little book on "Kindergartens" and has favored us with a copy. It is very entertainingly written and is illustrated with a number of engravings. The price is 75 cents, and it should certainly be worth the amount to any one interested in the subject.

Mr. Hansen has reduced the price of his work on orchid hybrids to \$1.50.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



WHILLDIN POTTERY CO. FLOWER POTS. PHILADELPHIA. LONG ISLAND CITY. JERSEY CITY.

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See That Ledge.

Pat. Sept. 18, 1900.

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...USE OUR...

Patent Iron Bench Fittings and Roof Supports, Ventilating Apparatus, Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS.

JENNINGS BROS., Olney, Phila., Pa.

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Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use. Send for Catalogue of Specialties.



Duplex Iron Gutters.

Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 2 inches of shade. No drip whatever from glass or gutter.

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Sod Crusher and Pulverizer.

They will save you the amount they cost you in one week. No. 1, \$10.00; No. 2, \$15; No. 3, \$25.

Send for Catalogue and Testimonials.

The Florists' Supply Company, North Tonawanda, N. Y.

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THE BEST IN THE U. S.

You have the best paper in the United States to advertise in. I had to refuse lots of orders.—J. L. ELLIOTT, Bethlehem, Pa.

PLEASE send us the address of the trade in your vicinity.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

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HITCHINGS & CO. 233 MERCER ST., NEW YORK. GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus. Send Four Cents for Catalogue. Mention THE REVIEW when you write.

GRAND RAPIDS, MICH.

Old Sol is getting in his work in torrid style, 100 degrees in the shade being attained. Men are wheeling dirt and planting mums in houses where the temperature registers 120 degrees. Every few days we are treated to a furious rain and thunderstorm.

June weddings have been a boon to the florists. Being an almost daily occurrence they have consumed an enormous quantity of stock that would otherwise have gone to waste. While the hot weather has affected trade, funeral orders keep all pretty busy.

Mum, violet and rose planting are in full swing. The carnations are getting small, and if Brides and Maids continue decreasing a microscope will soon be required to see them.

July 2 there was an auction sale of the stock and fixtures of T. R. Kenwick & Co. The greenhouses, five in number, will be sold in a few days. The glass, single strength, 12x14, is the only value in the houses and will probably be sold for a mere song. The ten acres of property will also be sold, all by order of the court. G. F. C.

RALEIGH, N. C.

There was a heavy hailstorm here the night of June 23, some of the hailstones being as large as eggs. J. L. O'Quinn & Co. lost a lot of glass. A very heavy rainfall followed the hail.

O'Quinn & Co. have erected a new palm house of unique style. It is 16x40 feet, the side and ends 5 feet high, screened with galvanized wire window screening. The roof is tongue and grooved yellow pine with ten long narrow skylights set in toward the top. The sides are arranged so heavy canvas curtains can be put on in cold weather, at which time the palms will be removed and the house turned into a cold storage house for hardy plants.

THANKS FOR RESULTS.

Many thanks for results from adv. Had to turn down many orders. Sold out so clean could supply only about one-half that the orders called for.—J. N. KIDD, St. Joseph, Mo.

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Special Shades.
Special Designs.
Plain or Colored.

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The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. All dealers sell it!

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Galvanized Rose Stakes
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Low prices and prompt shipments guaranteed. Write us before ordering elsewhere.

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Greenhouse Material
Of Clear Louisiana Cypress and California Red Cedar
BEST GRADES. PERFECT WORKMANSHIP.
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615 to 621 Sheffield Ave., CHICAGO, ILL.
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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

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Publisher, Buffalo.

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...Seed...
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Has its own rails and is the shortest line to
BUFFALO AND THE FALLS.

Stop-overs given at such points on all tickets.

For Descriptive Matter, Rates, etc., call on nearest Ticket Agent, or address:
C. S. CRAWFORD, F. and T. A., ST. LOUIS, or F. A. PALMER, A. G. P. A., CHICAGO.

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Write for full particulars to
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The Discerning Advertiser

will place his ad., especially now, in the Book and Souvenir of the S. A. F. and O. H. Meeting, issued by the Buffalo Florists' Club.

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For Glazing Greenhouses
Proven superior to putty.
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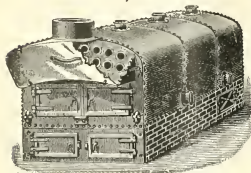
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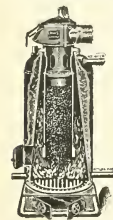
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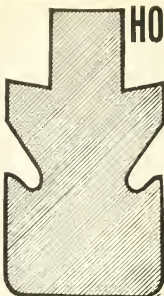
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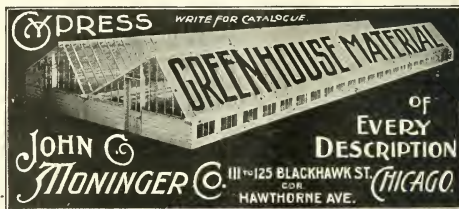
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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, JULY 11, 1901.

No. 189.

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THE RETAIL FLORIST.....

Wearing Flowers.

The conventions of society have made it possible that to some extent we can tell what the "correct" ways of wearing flowers are. Women mostly are the wearers, and why should they not have definite ideas how flowers should be worn since they have become indispensable at many formal society events. Styles are followed to some extent in the make-up of the bride's as well as the bridesmaid's gowns, hair is dressed in this way or that, jewels may be in or out of fashion, so we do not find it remarkable to find decided likes and dislikes as regard the bouquet which is to assist the wearer to be graceful and attractive. We find, therefore, that at such an exacting function as a wedding, where the minutest details have been thought out with the utmost care, the flowers also receive their share of consideration. The florist must now produce an arrangement of flowers which will compare favorably in taste and elegance of finish to the delicateness of the bride's appearance.

Flowers worn at such occasions should not be made too prominent a feature, as we find is too often the case. They should become supplementary to the appearance of the whole, and instead of looking showy, should add to the effect of finish and beauty. Large, heavy, sweeping bride's bouquets are no longer tolerated and the florist who can produce a graceful bouquet without the use of balls of twine and unnecessary quantities of ferns and superfluous foliage is responding to the present requirements of exacting patrons. These bouquets approach nearer the old style opera shaped bouquet and in no way stand related to the heavy garland of flowers often called bride's bouquets. They are made so that the flowers fall gracefully forward when carried. The wearer carries the bouquet in both hands and allows the arms to assume a graceful position before the body. Oddness or eccentricity in the make up of a bride's bouquet is not in good taste.

The bridesmaids' bouquets offer a larger field for originality. They are usually made to appear jaunty and sketchy so as to stand in contrast to the reposeful bride's bouquet. The flowers chosen usually have delicate color and the way that they are worn is determined largely by the way the bouquets are made. They may be worn as the bride carries her flowers, or if the flowers are of a loose arrangement, as they generally are, they then may be gracefully laid over the arm. A very striking effect was produced at a recent wedding by using German willow baskets filled with swainsona and tied with ribbons, allowing for one loop by which they were carried suspended from the arm. In whatever way the bouquet may be made up, the best way of carrying it is the one which most nearly approaches the natural one. All bouquets should have the handles wound with ribbon, and roses should have all thorns removed so as to prevent any dis-

comfort to the wearer. The maid of honor's bouquet is generally made similar to the bride's bouquet but of a different kind of flower.

The main idea from what has been said is that the florist cannot be too careful or too artistic in preparing a bouquet to be carried by a stunning bride. She must accept at the last minute whatever the florist sends to her, for she has not the opportunity of having a single "refitting" such as her tailor would offer her. Even if she does not have many moments for reflection, her many critical admirers will, and they will be quick to appreciate a florist's best endeavors.

The wearing of flowers in general is again receiving more attention of late. The nosegay is always appreciated and

flowers itself but also to the fact that a bunch of violets is easily pinned on, and it appears well on a tailor-made suit. If a new idea could be introduced which would bring to the front some compact and fragrant bunch of flowers such as the English wall flower, for example, it would no doubt become quite popular owing to the constant demand to have something new. The popular summer flower for wear is the sweet pea. Its gracefulness and delicate shadings make it just as attractive in summer as is the violet in winter. Both are appropriate and distinct for the seasons in which they grow.

Flowers are worn to quite an extent at dinner parties. The ladies wear a few loose flowers or quite commonly specially prepared bouquets are made. The flowers used may be of the same kind as used in the table decorations or they may so be chosen that they will bring out a pleasant contrast. These flowers may serve a double purpose for they may be worn at the theater party which usually follows a dinner. The gentlemen usually wear some neat boutonniere made of white flowers. The ladies in wearing the flowers are guided largely where to place them by the style of gown that they wear. The quaint custom of a number of



Position of the Bridal Bouquet when carried in both hands.

the fact that flowers are to be had so cheaply on the streets has added to the number of those who use them. A purchase on the street may lead to a more critical taste and the store man must be in a position to offer neat combinations which will satisfy these new lovers of flowers. For street wear the violet has been the most popular flower. This has been not alone due to the merits of the

years back of presenting the dinner guests with floral favors, has as yet not been revived. Each guest found at her place a small basket of gracefully arranged flowers which was elaborated with ribbons and so arranged that on leaving the table she might allow the basket to hang from her arm by the loop in the ribbon. Now that we are in a time that old-fashioned customs are being revived,

this one might possibly be received favorably.

This season flowers have been worn quite freely in the hair. This seems to be a natural outcome after the great variety of egrets which have been worn of late. The custom is a pretty one and if not overdone will even become more popular next season. Some women have taken pleasure in wearing the same kind of flower throughout the season, and in some cases have become identified as always wearing this or that flower. Artificial flowers, especially the rose, have been very popular, and when the reaction comes for real flowers, the florist will be quick to appreciate the change.

There are innumerable ways of wearing flowers attractively but what looks well on one person may not be so attractive on another. Just as each person must choose for himself what clothes he is to wear to the best advantage, so must every one decide for himself what flowers are the best becoming. The color idea is very important. Yellows, for example, are not well adapted for evening wear, for they lack cheerfulness. The red rose in the dark hair is as we all know a beautiful combination, but in the blond hair we prefer to see the rose of a more delicate tint. As for the character of the flower itself, we can easily draw preferences. The vivacious athletic girl can wear most any flower with a dash which might not be so becoming to her delicate friend, who would choose a single rosebud.

From the time that Egyptian maidens used the lotus flower as a means of personal adornment to our present modern up-to-dateness we find the ever present impulse to wear flowers and we believe that this natural instinct will be preserved provided the wearing of flowers is not made ridiculous by the introduc-

tion of unnecessary paraphernalia in their wearing. GEO. W. WIENHOEBER.

Chicago.

[The accompanying drawing showing the correct manner of carrying a bride's bouquet and its proper size, etc., was made for the Review by Mr. Wienhoebler at our special request, and the article itself was also written upon request. We feel sure both will be of unusual interest to our readers. Mr. Wienhoebler is a son of Mr. E. Wienhoebler, the well-known Chicago florist, and we are pleased to say takes a broad and generous interest in the welfare of the profession to which he expects to devote his business life.—Ed.]

FAIRY FLOWERS.

When and where or on what emblems, if any, can "Fairy flowers" be used to advantage and what is the general way, if any, of using them? W. P.

If "Fairy flower" is meant milkweed balls or pompons, which are by some called "Fairy flowers," we may inform our friend that they are used for what is termed "festooning" dried or preserved flower designs. Years ago they were more popular and were used to good advantage in grass bouquets, palattes, panels, horseshoes, wreaths and the class of designs intended for lasting ornamentation. They are used at the present time, but only by those having cheap trade. They can be had in almost any color, and cost from 75c to \$1.25 per 100.

On principle we are opposed to dried work, but realize the fact that many florists are so situated that this class of material constitutes no little part of their trade. By the term "festooning" is meant to put clusters or longer flowers above a groundwork of capes or immer-telles. IVERA.

Chrysanthemums.

Don't be the least bit afraid that you are late planting chrysanthemums. There seems about as good a demand every fall of late as there ever was for moderate-priced flowers, and those planted any time this month will still make good flowers. You can also keep propagating. We have propagated the end of this month, planted out the end of August, and produced most useful flowers—not large, but still they sold well at a paying price. I will repeat again, as I have often told you, that you must keep those cuttings situated and shaded and then they will root. We used to think once that it was necessary to put up a hot bed to root chrysanthemum cuttings in summer, but it is not if you will give the propagating bed plenty of water and never allow them to wilt.

Crimson Rambles.

Although the Crimson Rambler roses did not sell quite as well last year as formerly it is most desirable that we should all have some nice plants. It is only in the very large cities that \$10 or \$15 plants are wanted. Something that will sell for from \$3 to \$5 is much more in demand. I have had no luck with plants lifted, although perhaps if I had had them on my own place and could have lifted them from the ground and in few minutes had them potted and carefully treated it would have been a success. In fact, there is no doubt about it because Mr. Craig and Mr. Harris and others do it successfully.

We started dormant plants in April, got them to make three or four good strong canes under glass, and it is about that now that I want to say a word. They should by this time have made about all the growth that is desirable. That is, canes five or six feet long and as large as you want them. They will do better after the middle of this month out of doors. Stand them out in the broad sun and put some plunging material round the pots or you cannot keep them well watered. Any rains we may get up to the middle of September will not hurt them. In fact, they would have to be regularly watered; but after that heavy rains should be avoided and as it is not likely that you will have many of them it pays well in case of heavy rains to just lay the plants on their sides. As the ripening process will have begun your object is to get a good, large, well-ripened cane, which will force with the greatest ease and be bound to give you flowers at any time.

Bermuda Lilies

Nothing makes us feel that the cycle of the year is round again so much as when we begin to receive our first consignment of Bermuda lilies. We think, "Here we are again, started in for another year." The early bulbs from Bermuda will soon be arriving. For the past few years, and perhaps always, the lilies we cut from November on till February have been the most profitable of all the lilies. Whatever difference of opinion there is about the method of growing the Easter lot there is no doubt but what the early five to seven bulbs should be planted at once into their flowering pots, and 5-inch is the size.

A shaded house is just about as cool as a cold frame, but if you are crowded inside a cold frame will do very well. Let the top of the bulb be about even with the surface of the soil. Give them

MISCELLANEOUS SEASONABLE HINTS.



Callas.

I am asked occasionally what treatment to give callas. They should be out of doors laying on their sides and they are all the better for not having any water at all. If allowed to get partially wet during storms they make a growth which I believe is not good for them. Better rest entirely until time to start in the fall, or say early in September, when they should be shaken out and every bit of old soil taken from them and repotted in 5, 6 or 7-inch pots according to the size of the tuber. The young offshoots that were potted last fall when you started the old plants and had been grown along in 3-inch pots during winter should now be in 5-inch and plunged out of doors. Plunge the pots to the rims in the earth, or, just as well, in some well-decayed manure. If constantly supplied with water these plants will make a sturdy growth and make good flowering plants by next September. It is surprising what plants they will make in one summer if liberally treated.

Caladiums.

The fancy caladium is now one of our best summer decorative plants. By this time you should have some handsome pots, but they will not do their best unless given plenty of pot room. If in 6 or 8-inch pots they should now go into a 10-inch or even 12-inch and they will in August make splendid specimens. If well supplied with water they will stand almost the broad sun under glass.

Cinerarias.

Those who grow early cinerarias, that is, seed sown in March or April, with the idea of having them in flower next Christmas, will need to keep a sharp lookout for them during summer. The heat is their greatest enemy. An ideal place for them is a cold frame with the pots plunged and the glass raised both back and front and the sash taken off entirely at night when there is no danger of a storm. Keep tobacco stems strewn on the surface of the plunging material and that will save a great deal of fumigating. As you all know, green fly is most troublesome on these plants.



A basket bed of Flowering Plants.

one good watering and then cover an inch or so with some spent hops of some light material. This will obviate so much watering and boards can be placed over the top of the frame or heavily shaded sash. If you want them very early in a month they should be taken inside and brought right along.

Pansies.

If you raise pansies in the field protect only by brush or straw. The end of this month is time to sow. I watched a large pansy grower in my vicinity and he seems to have little trouble in raising all the seedlings he wants. He sows in small beds about four feet wide in drills three or four inches apart. It may be a little more labor to sow them in drills but it is a saving of seed and much surer to get an even come up. Neither does he shade, but waters regularly every evening. Pansies that are to be wintered in a cold frame need not be sown until the middle of August, but when left unprotected in the field it is desirable to have strong plants before winter sets in.

WILLIAM SCOTT.

BOSTON FERNS.

What size of Boston ferns are most salable in New York? I am in the suburb of Hartford and can sell more six-inch pans for 25 to 40 cents than any other size, but in the city center 50 to 75 cent sizes go the best and but a few \$2 to \$3 plants can be sold. I am growing a large stock of fine plants with a view of sending some to the New York market and would like to get an idea as to the proportion to grow of the different sizes. In 1,000 plants how many should be in 6-inch, how many in 7-inch, 8, 9, 10 and 12-inch? I grow my plants very thick at the bottom.

CONNECTICUT.

It is difficult to answer the above satisfactorily. In New York here a few growers make a specialty of growing Boston ferns to sell at from \$30 to \$40

per 1,000. We would be inclined to advise any one so far away as Hartford to grow for that class. Then there are others who grow to supply the auction rooms in the fall; these plants are in pots ranging from 4 to 8-inch, and they bring all the way from 8 to 60 cents. Others grow their ferns on benches, and pot and pan them a month or so before sent to the city. There are so many growers around this city, and the stock is so abundant that buyers and the general public have become extremely critical. We doubt if it would pay any one such a distance to depend on this market unless his stock was extra fine and he dealt with an honest element. Then again buyers usually prefer to see stock before they buy.

However, Boston fern is good stock to grow, and many a chance there is for some one to make money by extensively cultivating it. The sizes most valuable in New York, and we may say in every large city, are those in from 8 to 12-inch pans; in sizes smaller than 6-inch they are only useful for basket or design work. Where a florist has but little room it is wiser to grow in small sizes, for then the stock can be grown closer together; it is an easy matter to make up plants, yet the market demands that they be established. A Boston fern must be very good to be worth \$3 to the trade.

No one could figure on the proportion of sizes you ought to have in 1,000 plants unless you have them all equal now and wish to clear them out together. The best plan is to provide for succession, always having a dozen or two of every size ready for shipment; in this way we would keep 600 plants as reserve, and in your case 200 6-inch, 150 8-inch, 40 10-inch and 10 to 12. Circumstances we know not of may alter the case, but we are under the impression that if Hartford, New London, New Haven and such places were properly catered to good prices could be had; many of the florists in those places come to New York for their stock. Boston

ferns can very often be bought here for less than prices quoted by our Hartford friend.
IVERA.

A BASKET BED.

The accompanying engraving is from a photograph of a novelty in bedding this season at Humboldt Park, Chicago. The idea was conceived and carried out by Mr. Max Kleppin, the head gardener. The plants are replaced by others as soon as out of bloom and the arrangement is therefore changed at intervals. The effect is that of a huge basket of flowers on the lawn.

CHICAGO TO BUFFALO.

The Chicago Florists' Club transportation committee has arranged with the Wabash railway for transportation to the Buffalo convention of the Society of American Florists, Aug. 6th to 10th.

The party will leave Sunday, Aug. 4, exact hour yet to be determined, and reach Buffalo Monday morning. The committee expects to have an unusually well appointed special train. The rate will be \$13.00 for the round trip, and less should there be any cut in rates by the railroads for that week. The sleeping car fare will be \$3.00 a berth each way. An excellent dining car service is assured.

Florists in the west and northwest are cordially invited to travel with the Chicago party.

Berths may be reserved by addressing any member of the committee as below.

- G. L. GRANT,
334 Dearborn St.
- P. J. HAWSWORTH,
223 Michigan Ave.
- E. F. WINTERSOX,
45 Wabash Ave.

THE annual Convention Number of the Florists' Review will be issued Aug. 8th and will contain a report of the Buffalo convention.

ROSES AT THE PAN-AMERICAN.

The accompanying pictures were taken of two beds. The one with the gardeners sitting in the background is a bed of Paul Neyron and contains 500 plants, being nearly 900 square feet in size. The other bed, showing some of the towers of the Triumphal Causeway in the background, is a bed of Ulrich Brunner, and has the same number of plants as the other and the same area. Excuses are poor things at any time, but I can assure my readers that, although the Paul Neyron bed was a few days past its best, the picture of the Ulrich Brunner gives but a poor idea of the gorgeous show of roses it was a week previous to the time the view was taken. About a week before the picture was taken we could have cut 5,000 perfect Ulrich Brunner off this one bed.

Now, it occurs to me that if roses could be grown as successfully by the average cultivator there would be far more plant-

well-known firm accompanied their shipment with a note which read: "We have pruned them to save you trouble." That I appreciated, but if I had left them as they had pruned them I don't believe I would have saved 10 per cent of the plants, with all the care, so I immediately cut them down to within three inches of the ground; in fact, you could scarcely see the roses when we had finished planting.

Last June was the very reverse of this. Hot, dry winds, but not a drop of rain. I do attach a great deal of importance to the simple, yet the only way to plant—viz., there was ample room made for the roots, only sufficient soil put in to keep the roots in place, then the hole soaked and a few minutes afterward the excavation filled up with dry soil. That's the beginning and the foundation of success and the right way to plant. As this four feet of clay beneath the beds was in all kinds of lumps, water poured through it as through a sieve; entirely different

would have had a chance to ripen them off, but the growth was all made long after the usual season.

About the middle of November the canes were shortened to about two feet from the ground and a string put around them to keep them from breaking down. After one good frost I had six inches of leaves and litter put all over the beds. Nothing more was done until the spring, when the beds were uncovered, the bushes loosened up, and I then found that the canes were all killed back to the line where the litter had protected them, so hard pruning was necessary. But even if they had not been killed back I should have cut them back almost as hard. On an average not more than three to four inches of last year's growth was left on. The beds were forked over as soon as the ground was dry, and during a week's dry weather we gave them one good soaking of water. No more cultivation was done to them.

We are asked repeatedly, mostly by



Bed of Paul Neyron Roses at Pan-American Exposition.

ed and more encouragement to plant, and it might be interesting to a few to know just how they were cultivated. To begin with, the spot on which these beds exist was one mass of clay, excavated from the mirror lakes, and raised above the normal elevation more than four feet. The beds were excavated out of this clay to a depth of fifteen inches and filled up with a strong, heavy loam, which had been the surface soil of this territory and used as a pasture for many years. To it was added about one-fourth of cow manure. No other fertilizer of any kind was or has been used.

The roses for these two beds were received from Ellwanger & Barry, of Rochester, about the first day of June, a good many weeks later than any customer would receive them. They were budded long and evidently their own growing, not imported stock, and I do not believe that any such success could have been had with imported stock. This

from the natural hardpan. So every four or five days the beds were soaked and then, as soon as possible, hoed.

This treatment was continued until the roses showed decided signs of breaking, which was almost the first of July; then they were mulched with two inches of rotten manure, but the weekly watering was continued. From this on they grew rapidly, and by the end of the growing season, say the middle of October, we had canes as thick as your little finger and five feet high. As we had abundance of rains in September the watering was dispensed with.

If there was any mistake made in the cultivation of these roses up to this date it was simply this: That they had made such a prodigious growth in this soil and with the watering that the wood was rather green and soft when winter came on, but that could not be helped. If planted at the proper time and the growth produced earlier in the season we

ladies: "How did you keep the bugs off them?" That did trouble me slightly, and I thought perhaps I would have to resort to tobacco water, but I made men get down on their knees and throw water at them hard enough to put them out if they had been on fire, and that put out all bugs and aphids.

It is only fair to say that there were two other beds of the same size as those pictured. One was Jacques and one was of mixed varieties. Nelson Bogue of Batavia also had eight other beds, holding each about 200 plants, equally good in quality and giving a magnificent display, but consisting of many more varieties and consequently not quite such a show.

If these roses had been planted the middle of April, the usual time, I would consider that any good gardener could have produced these results, but being planted seven weeks later and being very



Bed of Ulrich Brunner Roses at Pan-American Exposition.

much dried up when received I do consider it a triumph of science and soil.

WILLIAM SCOTT.

NEWPORT, R. I.

The Summer Exhibition.

What should we say truthfully of the Newport show? We know it is not fair to condemn what is usually seen at exhibitions, for the man who honestly puts any plant or flower on exhibition, no matter how poor, deserves consideration, if not praise. It is the gentlemen who have good stock but are afraid to show and whose only intent on visiting a show is to criticise or deride the efforts of others that we take pleasure in "roasting."

We made a trip from New York especially to see the third annual summer show of the Newport Horticultural Society, which was held in Masonic Hall July 2 and 3. The exhibition was previously announced for June 25 and 26, but it was thought wise to change the date. It was further announced that the American Rose Society would hold its annual summer show in conjunction with the Newport event. There has been some remarkable announcements made by the officials of the American Rose Society, and they at least owe the horticultural press and the craft in general an apology for their feeling.

But the Newport show—it was a financial failure; scarcely any of the public attended. The exhibits were few compared with what they should be for so famous a place, Newport being accredited with the finest gardens in America, but the sacrifices in time, money and mental and physical energy made by the faithful few deserves the highest praise from every friend of horticulture. There may be numerous reasons assigned for

the failure of this show—the place it was held in, the manner it was held, and the time. Newport's season does not commence till August; a flower show given there must take the form of a garden fete with its floral parade etc., and must depend on society, not the regular residents, for patronage. As "Ivra" stated in his notes two weeks ago, this society could do more good in promoting one floral fete than by ten years of such shows.

The plants shown were clean and well grown, but nothing very remarkable. For best 6 crotons there were two entries; Arthur Griffin won 1st and David McIntosh second. In class for 6 dracaenas there were also two sets, the above parties winning in the same order. There were no entries in the class for hegonias, one entry for 6 tuberous hegonias, for which Charles got 1st. There were several entries for specimen kentias; first went to Charles Stark, 2d to Andrew Meikle, 3d to Bruce Butterton. There was one entry for specimen areca and C. Stark got 1st for a handsome *Areca lutescens*. For any other palm 1st went to Bruce Butterton for *pritchardia*, and 3d to A. Meikle for *phenix*. In class for 6 ferns one entry, 1st, Arthur Griffin.

Competition for fern dishes intended for table decoration was very interesting. The classes should be at every show. For 12-inch dish of *Farleyense*, 1st, A. Meikle; 2d, W. R. Barth. For 12-inch, any other fern or ferns, 1st, Richard Gardner; 2d, A. Meikle. For 18-inch flat basket of foliage plants, 1st, A. Griffin; 2d, Richard Gardner; 3d, Charles Stark. Group of foliage, 100 feet, 1st, Silver cup, Arthur Griffin; 2d, Charles Stark. There were only two entries in above class; it was very difficult to decide the winner; color won and, strange to say, *enallias* and other grasses formed

no little part in the group winning 1st. There were two entries for group of *caladiums* and ferns; 1st went to Bruce Butterton; 2d to A. Griffin. In the former ferns predominated and in the latter *caladiums*, which was a very fine collection.

There were three entries for the group of fifty stove and greenhouse plants. These were very good exhibits and took up the center of the hall. Charles Stark won 1st prize, \$50; 2d to A. Meikle. D. McIntosh won a bronze medal for specimen *dracena*. Wadley & Smythe showed an interesting group of dwarfed Japanese trees for which they received a certificate of merit. The Society of American Florists' silver medal was awarded to Colin Robertson for his new dwarf canna "Bobs." This was exceedingly dwarf. Only three plants were shown in 5-inch pots. The flowers are of Crozy color and type but larger, and the plants did not exceed 18 inches. The canna is considered a good one at Newport. The society's silver medal was awarded the Blue Hill Nursery Company, South Braintree, Mass., for a very interesting and showy collection of herbaceous flowers. This comprised sixty-four vases, and they were labeled with popular and botanical names. They made a good showing. There was one exhibit of carnations; they consisted of several varieties. Perry Belmont's gardener was awarded a bronze medal for them.

The display of cut roses was rather a disappointment for a place with so many fine gardens. There were scarcely forty varieties of roses in the combined exhibits and there may have been about 1,000 roses staged. In the class for 25 H. P.'s, distinct varieties, 1st went to A. Meikle, 2d to Hugh Williamson; 12 H. P.'s distinct, 1st, Colin Robertson; 2d A. Meikle; 3d, H. Williamson; 12

blooms, six varieties, 1st, D. McIntosh; 2d, Hugh Williamson; 3d, Alex Frazer; 12 blooms, red, one variety, Charles Stark, 1st with Brummers; 12 blooms pink, 1st Perry Belmont with Laings, 2d A. Meikle, 3d A. Griffin; 25 blooms any variety, 1st Thomas Beattie with a mixed lot of reds, 2d Colin Robertson; 25 American Beauties, two equal 1sts to Perry Belmont and A. Griffin; 25 blooms hybrid teas, 1st Perry Belmont.

The silver cup for best 100 H. P. roses in not less than three varieties brought out the greatest competition of any class at the show; there were five entries, all very good. Hugh Williamson won first; his blooms were not so good as the others but he had twenty varieties against three and five in the other competitors; 2d prize went to A. Griffin, and the 3d to Alex Frazer. Gibson Bros. put up a fine lot of roses, which attracted considerable attention. A certificate of merit was awarded to M. Horvath, Cleveland, O., for his rose No. 3. The others arrived in too bad a condition to be judged. A certificate was also awarded J. R. Caswell for display of roses.

There was quite a tussle over made-up work for basket of roses arranged for effect. Colin Robertson got first with basket of Luizets and pink ribbon, A. Meikle 2d, and J. Boyd 3d. There were five entries in the above class. The first prize was \$5. They were all large handle baskets and the roses in some of them could not have been bought for three times five. They were all shown by private gardeners but some of them were made by florists. It is about time the Newport retailers put their own names to their work; if the prizes are not worthy attend the meetings and make them so. There were three hand bouquets shown, 1st Tom Fieldhouse, 2d C. Robertson, 3d John Boyd. The last-named gardener exhibited a lot of grand Marechal Neils; too solid arrangement spoiled their effectiveness.

There were three entries for table decoration and they were all disappointing; \$50 was the prize. They were all round, set for eight; 1st went to Andrew Meikle with Baroness Rothschild and Luizet buds, 2d to A. Griffin with allmandas and 3d to Gibson Bros., with Laings.

There were only three plates of strawberries. C. Robertson won 1st with each; six peaches from Perry Belmont's got 1st. Vegetables were small, the prizes being divided between a few of the names mentioned above. One vase of Liberty was shown, Laing was the best pink rose at the show, Brunner the best red; Hopper and Neyron divided honors for size.

Admission was 50 cents the first day, 25 cents second day. The judges were Richard Gardner, Fred Smythe and Bruce Butternut. There was some grumbling because outsiders were not called as judges. Perhaps it is a mistake to appoint local men, especially when they are also exhibitors; be the men ever so good and honest doubts will arise, but go it again. Newporters, and don't humbug a generous patron and enthusiast like Mrs. Burke-Roche and give Tom Fieldhouse more assistance.

J. I. DONLAX.

Now is the time to prepare your ads. for our annual Convention Number to be issued Aug. 8th.

BUFFALO.

Various Items.

After two weeks of Turkish bath weather it broke up with a frightful storm on Friday night and we have now ideal Buffalo weather, but we should not grumble for we were in ice compared with many other cities. Visitors to the Pan-American can rest assured that whatever else they may expect they will be sure to get comfortable weather. Business has been unusually good for this time of the year, but that was expected. It is rather difficult now to get good roses. Little dependence after all can be placed on any outside roses.

I took a flying trip to Corfu the other day and found carnations in this neighborhood about three times as large as they were at this same date last year. Mr. Troup's establishment at the west end of the village has 20,000 very fine plants. They are overhauling the place, cleaning out thoroughly, which it much needed, and will be ready to plant by the 1st of August. Two houses of roses planted early in June have made a good start. This place, formerly the Webb establishment, is now called the Huntley Greenhouses. At the west end of the village there is the Montrose Greenhouse; so it is getting to be a very Scottish village.

We have some earnest weekly meetings of the Florists' Club, and there will be nothing left undone to take care of the visitors. Mr. F. R. Pierson was here for several days the beginning of last week and was delighted with everything at the Pan-American. He has presented the club with a \$50 silver cup to be awarded to the highest aggregate score in the bowling tournament.

A number of our local people have also contributed smaller prizes, so in addition to the large cups there will be any amount of prizes to roll for. So little interest has been taken in the three-men team that I suppose it is likely to drop through. I am rather sorry for this, but what with the tournament and the individual the day seems pretty well filled up.

I hope that visitors will not think they have seen all there is to be seen when the Pan-American and Niagara Falls are done. We are naturally very proud of our residence streets. Nothing can exceed the beauty of Delaware avenue, North, Summer, Linwood and many others. When you come to this city do not fail to take a look at these beautiful residence avenues.

Visitors have been rather scarce this week. With the exception of Mr. Pierson and Mr. Fotheringham we have only had Mr. A. F. J. Baur of Indianapolis, who keeps your readers so well posted on how to do carnations.

Pan-American Notes.

Our city was visited on Friday last by one of the heaviest and longest thunder storms in our recollection. The wind blew and the rain fell in torrents, but after all very little damage was done. It did beat down a bed of Crimson Rambler roses which I mentioned in my last notes. They were on the Fourth of July one of the most brilliant sights that could be seen and are still very attractive. To all the rest of the plants in the beds the storm was, of course, a benefit, as it gave them a thorough soaking, and now we expect a rapid and lux-

uriant growth. We believe that we are going to have, at least on many of the hybrid perpetual roses, a second crop. This is not usually seen. A bed of 500 Brummers, which was a most brilliant sight until two weeks ago, has already sent up a growth of two feet and will, I think, be another splendid sight in a few weeks. Messrs. Jackson & Perkins, of Newark, N. Y., sent us last year some plants of their new Rambler rose, "Dorothy Perkins." This has exactly the habit of the well-known Crimson Rambler, but they did not make quite as vigorous a growth, but have flowered splendidly and have been very brilliant. This seems to me to be a great acquisition and I believe would be a good forcing rose. The individual flower is larger than the Crimson Rambler with not quite such heavy trusses, but it is a beautiful shell pink in color.

The nymphs planted in the borders of the lakes by Henry A. Dreer last summer, which was a very best and add much to the beauty of the lakes. There are a great number of species and varieties. These are best seen when taking a trip in the gondolas. The group of herbaceous plants also planted by the Henry A. Dreer firm are now very interesting. Some just criticism has been made on the want of labeling each variety of rose. In this case the labeling is well done and the herbaceous plants have all very conspicuous and distinct labels. Many interesting plants are now in bloom and some beautiful irises are flowering. J. C. Vaughan has made a fine exhibit in a broad border encircling the fountain in the center of the Rose Garden. This consists of a great variety of plants and nearest the fountain, in the background, is a fine collection of carnations. The whole should be very fine after they have attained a good growth.

A bed of hybrid delphiniums is attracting a good deal of attention. Few people know what fine spikes of flowers these give us. They are the exhibit of one of our Park Commissioners and an enthusiastic gardener, Dr. Matthew D. Mann. Visitors will soon have an opportunity to see what a magnificent rose the Cochet is for summer blooming. A large circle bed planted by the Dinee & Conard Company is increasing in beauty every day. This seems to be above all others the most desirable summer blooming rose.

Among other interesting things which the government of Mexico has done, Mr. McDowell, their agent, brought up a fine collection of tuberous rooted begonias, which were planted in the Conservatory about the last of April. Several hundred of them are now in flower. James Vick's Sons of Rochester are making their booth very attractive these days with cases of cut flowers, often replenished, and fine specimens of tuberous rooted begonias in 6- and 7-inch pots. Henry A. Dreer has also sent us many beautiful irises.

The Department of Works are still planting many thousands of plants. In the Court of Cypress and the Court of Lilies a large amount of carpet bedding is being done. It seems rather late to be still planting out, but for the later visitors it will be all right. Most of the State Buildings have ornamented their grounds and verandas with plants and flowers, which has added greatly to the attractiveness of that part of the grounds. I would like particularly that visitors from Detroit take notice of the very handsome display that the Parks and Boulevards Commission have made

in a large bed on the north side of the Conservatory, as you enter the north door of the Horticulture Building. This covers an area of 6,500 square feet, divided into a number of beds with sod between them. In the center is a fine group of palms, which is one of the most attractive groups on the grounds and certainly the most costly. It is well and handsomely done and few cities would help out a sister city as Detroit has done for Buffalo.

The man from Idaho in the Horticulture Building received some fine cherries this morning and wrote a card which reads: "And the children of Israel saw the fruit in Lebanon but they ate it not." A visitor added: "But Eve partook of the forbidden fruit." Then the Idaho man, as a word of warning concluded it by adding: "Yes, honey, and it didn't do a thing to her, did it?"

W. S.

PHILADELPHIA.

Business.

Business is remarkably good for this season of the year. The mortality due to the terrific heat of last week created an active demand for white flowers. One grower said that the Fourth of July, usually considered as the florists' only holiday, was a day of unusual activity, a small Easter, in fact. While the cause is greatly to be deplored the result is gratifying.

Double white petunias at 50 to 75 cents per 100 have sold well, also white roses and sweet peas. The heat has spoiled much stuff, sweet peas being heavy sufferers.

The Floral Exchange is cutting some fine Golden Gates, which find ready sale. Wm. J. Moore is handling some very good Kaiserins.

William Wunder, of Pittville, is sending in some fine Maids; as fine as can be seen in town. Wonder how William does it.

John Kuhn, of Olney, is cutting some excellent carnations that can be seen in J. J. Habermehl & Son's store. Mrs. B. Lippincott and John Habermehl are two of his best sorts.

Various Items.

Henry F. Mitchell is expecting his Lilium Harrisii next week. He has a photograph of his bulbs growing in the fields which show them to be in fine condition. One field contains 85,000 bulbs, the other 40,000; 125,000 Harrisii is a goodly number for one firm to handle and is strong proof of the confidence of this firm's customers.

H. H. Battles has completed his new greenhouses. They are built on a hill-side facing south and will be heated by hot water. The piping is now being pushed. The houses are light and strongly built. A fine shed is at one end. This shed has two levels with steps between and an office on one side. Part of this shed is to be used for a cold storage room for shrubs and other things. The water is drawn from a tank fed by two rams. Mr. Battles has a large collection of shrubs and hardy perennials which will prove very valuable in a few years.

Robert A. Stewart has moved into his new store two doors from his former location on Thirteenth street, above Walnut.

Jennings Bros., of Olney, have finished their remodeled range of glass, which is

planted with Maids and Brides in solid beds. The effect is neat and business-like.

Twelve men have qualified to enter the final tournament to decide upon the team to represent this city at Buffalo. Twelve games will be rolled on alleys belonging to other clubs and the six players having the highest scores will compose the team. The next two will be the substitutes, and the four remaining players will, like true sportsmen, hold themselves in readiness to represent this city in case of emergency. These twelve brothers are Adelsberger, Anderson, Baker, Conner, Gibson, Graham, Harris, Kift, Moss, Robertson, Starkey and Westcott. PHIL.

BALTIMORE.

Various Notes.

This section has been visited within forty-eight hours with heavy and needed rains, and today (July 8) the temperature is about 20 degrees lower than last week, which made a record for fierce heat.

The intensely warm weather has finished what was left of the old stocks and nothing is yet coming in of the newly planted. Nearly all the houses have been pulled out and planting is being pushed ahead as fast as the order of the season will allow.

Outdoor roses are not salable this year. There seem to be no Kaiserins and the Coquets, white and pink, fail to keep up the record they made last year. Sweet peas are about done. Asters are coming in in small lots. No outdoor carnations are arriving, and those from inside are inferior in quality. Trade for the time of year continues fairly brisk.

The season has been a good one generally, and most growers are fairly well satisfied with the results.

W. Howard Gilbert has opened a nice store at 1126 West Baltimore street, and begins operations with a good promise of success, though the location is over where he will find ample competition from the stores already established.

B'ndling is being resumed. Andrew Anderson at Govanstown, is building a new rose house 20x100 feet. Richard Vincent, Jr., & Son, near White Marsh, are about beginning a new house 35x300 feet. R.

CHICAGO.

The Market.

A shift from torrid heat to quite cool weather has been followed by a further shortening of the supply, and roses of any kind are now scarce and the quality of all is very poor. There are really no good roses of any kind to be had. Kaiserin is the best, and they are poor enough. The best of these go at \$4. There is still some shipping demand, but local trade seems to be quite dead aside from an occasional funeral order. In carnations Crocker and Triumph are the best among the pinks and Hill as a white. A few blooms from outside plants are beginning to come in but they are not yet numerous enough to have much effect, and the quality of flowers from indoor plants has been sadly lowered. Prices range from 50 cents to \$1 for the best.

The new rose Marquise Littia is not realizing its early promises as a good summer rose, the blooms having become small and off color.

A New Era for Lincoln Park.

Once more Lincoln Park has a superintendent who is a horticulturist and not a politician. The new board of commissioners has appointed R. H. Warder superintendent at a salary of \$5,000 a year, he having been made both superintendent and secretary in order to provide the salary noted. Mr. Warder is a man of the highest character and of national reputation among horticulturists, and was for seven years superintendent of the parks of Cincinnati. He will assume his new duties July 15.

Mr. Warder will find much to do in Lincoln Park, for while the floral department has been well kept up by Head-Gardener Sironback the other departments have suffered severely during the administrations of the political livery stable keepers, plumbers and other cheap politicians. The sweeping change in methods at the park is due to the appointment on the board of such men as Bryan Lathrop, F. T. Simmons, B. A. Kennedy and W. W. Tracy, all men of standing who are serving the people and not the politician. A few politicians remain on the board, but they are fortunately in the minority and there is good reason to hope that the work so ably inaugurated by former Superintendent Pettigrew before the politicians got control may again progress.

Hort. Society Meeting.

The quarterly meeting of the Horticultural Society of Chicago was held last Tuesday afternoon and considerable business left over from the annual meeting was transacted. Messrs. Emil Buettner and W. N. Rudd were elected as the two new members of the executive committee. A new board of directors was elected as follows: S. W. Alberton, E. Buckingham, J. J. Glessner, H. N. Higginbotham, C. L. Hutchinson, Frank O. Lowden, John J. Mitchell, M. A. Ryerson, H. G. Selfridge, Otto Young.

The election of secretary and assistant secretary was laid over till the next meeting and a committee appointed to present a list of desirable names for the positions. W. N. Rudd was re-elected treasurer. R. H. Warder, the newly appointed superintendent of Lincoln Park, was elected to membership in the society. The meeting adjourned to meet again at the same place Aug. 21 at 3 p. m. A meeting of the executive committee was held immediately after the general meeting and action taken on matters connected with the annual exhibition in November.

Various Items.

The committee has issued a stirring announcement of the coming picnic of the Florists' Club to be held in Reissig's Grove, Riverside, Wednesday, July 24. The program includes baseball, running races and other athletic sports as well as dancing. Take Garfield Park Metropolitan elevated and Forty-eighth street, thence by trolley to the grounds. The first crowd will start from the Randolph street elevated station at 11 a. m.

The Florists' Club's transportation committee has issued an announcement stating that the Wabash railway has been selected for the trip to Buffalo. It will be found elsewhere in this issue.

C. M. Dickinson, of E. H. Hunt, started Wednesday on a ten-day fishing and hunting trip. The first stop will be at Mackinac, thence through Lake Huron to

SAMUEL S. PECKOCK. Wholesale Florist

Commencing June 24th and continuing during the summer months, will be open from 7:30 A. M. to 6:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write

several points on Georgian Bay and up a tributary of this bay to Bass lake.

McKellar & Winterson are having their annual clearing sale of florists' supplies.

Mr. E. E. Pieser, of Kennicott Bros. Company, is off on his annual summer trip. He will probably reach Buffalo at convention time.

Beyer & Kraecht, Niles Cent., have sold out to F. C. Schraeder, the former owner. Mr. H. Kraecht goes to Germany to stay. Mr. Beyer has not yet decided upon his future movements.

Bowling.

The bowlers tried to play two series of games last Tuesday night, but a total of five was all that could be worked in. Next Tuesday night a total of four games will be played, and thus complete three series in two nights. In the five games the Wholesalers took three from the Seedsmen and one from the Growers. The Retailers won two from the Growers and two from the Seedmen (the latter by default), while the Growers won one from the Retailers and one from the Wholesalers. Two of those dear prizes were captured, one by Jos. Foerster, with 204, and one by Oscar Kreitling with 229. The Wholesalers lifted the record for game to 856. Following are the scores:

WHOLESALEERS.

E. F. Winterson	170	177	175	187
G. L. Grant	140	127	169	147
W. S. Heffron	96	136	173	153
C. Hughes	133	144	149	135
Jos. Foerster	234	159	230	179
	732	743	866	682

RETAILERS.

Geo. Asmus	183	178	154	179
O. Kreitling	156	229	192	130
C. Balluff	149	177	159	148
Jno. Sterrett	129	108	149	123
E. J. Hauswirth	159	159	139	165
	765	774	852	716

GROWERS.

G. Stollery	128	172	158	163
F. Matti	148	132	149	150
N. A. Schmitz	137	172	116	142
Jno. Paulus	121	159	139	123
F. Stollery	138	158	122	135
	722	730	693	803

SEEDSMEN.

Jno. Degnan	178	149	171	---
The teams now stand as follows:				
Wholesalers	24	8	---	---
Growers	20	12	---	---
Retailers	17	15	---	---
Seedsmen	3	29	---	---

Below we give the averages to date of those who have played in more than three series of games, omitting fractions where less than one-half and counting more than one-half as one-half.

Jos. Foerster	29	996	371	712
F. Stollery	29	4872	208	167
Geo. Asmus	29	4839	169	149
G. Stollery	29	4745	199	164
E. F. Winterson	29	4645	202	160
P. J. Hauswirth	28	4425	174	158
C. Balluff	22	4995	214	156
Jno. Degnan	27	4211	197	156
F. Matti	21	4839	181	151
G. L. Grant	31	6530	189	149
N. A. Schmitz	29	4153	181	143
Jno. Paulus	28	3425	175	135
Jno. Sterrett	38	4417	183	138
E. Enders	12	1575	156	131
F. Matti	21	3141	150	131
C. Hughes	31	3262	184	128
O. Kreitling	23	2887	229	126
W. Kreitling	29	2928	144	119
C. W. Scott	17	1955	168	117

It is rumored that John Degnan has been taught how to make a matrimonial sale.

The Florists' Manual contains 200 articles by Mr. Wm. Scott on important trade subjects and they are illustrated by 224 handsome engravings from photographs.

PITTSBURG CUT FLOWER CO., Ltd. Wholesale Florists.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St., FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA. Mention THE REVIEW when you write.

Burpee's Seeds Grow

CATALOGUES RECEIVED.

John A. Scollay, 76-78 Myrtle avenue, Brooklyn, N. Y., Scollay's improved hot water boiler; F. Ludemann, San Francisco, Cal., fall price list of Japan bulbs, cypas, fern balls, palms, etc.; M. Rice & Co., Philadelphia, calendar; H. A. Dreeer, 714 Chestnut street, Philadelphia, Dreeer's mid-summer list of potted strawberry plants, seasonal plants, seeds and sundries.

Make your arrangements now to attend the convention of the Society of American Florists at Buffalo, Aug. 6th to 10th. It will be a great convention and you can at the same time view the beauties of the Pan-American Exposition.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—By practical florist and grower; grow fine roses, carnations, mums, general stock; commercial or private position; 25 years' experience; best references. Address G. care Florists' Review.

WANTED—Glaziers and steam fitters; three houses 23x36 and one 8x38 ft. and connecting passageway; mostly all 16x24 glass. Call at Poehlmann Bros. Co., Morton Grove, Cook Co., Ill.

FOR SALE—Printing press and type; splendid Columbian hand press, 6x3-in.; also 300 to 500 lbs. six-point Roman and other type; extra good condition; a great bargain. A. T. Cook, seedsman, Hyde Park, N. Y.

SITUATION WANTED—By a competent florist; 20 years' experience, age 58; good propagator and grower; can give the best of references as to ability and temperate habits. Address W. F. care Florists' Review.

FOR SALE—Greenhouse and residence property, opposite two of the largest cemeteries in the Northwest. Address Florist, care Florists' Review.

WANTED—A working foreman over a modern cut flower and plant establishment of 70,000 sq. ft. of glass; must be above all things a first-class rose and carnation grower; good wages and steady work to competent man. Address American Beauty, care Florists' Review.

WANTED—A middle aged single man, one who understands growing caryanthiums, carnations and bedding plants; good wages and permanent position to right party; must have references. Address Box 24, Randolph, Mass.

WANTED—Working foreman, to take charge of commercial place; must be good grower of carnations and bedding plants; references. Address X. Y., care Florists' Review.

FOR SALE—One Wilks boiler, 12x34 in. good condition, price \$40.00. Otto Hansen, 1036 N. 62d Ave., Chicago, Ill.

SITUATION WANTED—By an experienced grower of roses, carnations and mums; good grower of cut flowers for a commercial place; near St. Louis; single. Address Rose, care Florists' Review.

WANTED—Young man, for florists' store. A. Washburn & Sons, Bloomington, Ill.

WANTED—A good all-around man; good wages and steady position. Address J. J. Beck, New Castle, Pa.

FOR SALE—Greenhouse and residence property 16 Mont. Gilead, Ohio; two new greenhouses, 13x22 and 13x18; lot 60x132, near business center; brick cottage, 30x30; only greenhouse in place; good trade; well stocked; price \$200. Levi Wright, Mt. Gilead, Ohio.

WANTED—Two young men for greenhouse work; good wages to workers. Morton Greenhouses, Morton Grove, Ill.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in. guaranteed sound. W. H. Salter, Rochester, N. Y.

FOR SALE—Greenhouse, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

WANTED—A young man who can grow good roses and carnations; \$40.00 per month to start; permanent place for reliable man. John Fallon, Stanton, Va.

Wanted=Partner with seven to ten thousand cash.

Present owner in poor health and wishes some one interested with him who can attend to inside work and retail business. A wholesale and retail trade extending over Pacific Coast and Southwest. Address

PACIFIC COAST, care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age.

A Decorator and Designer second to none, with best references in the country, wants a permanent position.

Address Salesman, care Florists' Review.

PANSY SEED. New Crop. My own saving.

Every possible color, shade and marking. White and light predominating. 5c. 25¢. 5¢. 5¢. FRANKS BIRLL, Hempstead, Long Island, N. Y.

Mention The Review when you write.

PECIAL. McKellar & Winterson's Annual Clearing Sale.

To reduce our stock of Florists' Supplies we offer the following goods at these greatly reduced prices during the months of July and August only: Prices quoted are subject to goods being unsold on receipt of order. Get your order in quick to insure filling at these prices, which is a rare opportunity to stock up on seasonable goods.

RIBBONS—Best Florists' Satin Ribbons, any colors.

Price	No. 9	No. 12	No. 16	No. 22	No. 30	No. 40	No. 60
per doz.	70c	90c	\$1.10	\$1.25	\$1.50	\$1.75	\$2.00

We have an immense stock of Ribbons and can fill orders on short notice.

400 bales Spharnum Moss, burlap, per bale \$.90; 4 bales, \$3.00; 10 bales, \$7.50
1000 pgs. French Green Moss, per pgs., 10 pgs., 75c; 25 pgs., \$1.50; gr., \$7
2000 lbs. Tin Foil, per lb., 10c; 10 lbs., \$1.00; 25 lbs., \$2.50; 100 lbs., \$8
25 Bags Fresh Sheet Moss, each \$1.00; 6 for \$5.00; per doz., \$5.00
25 1st quality Doves, each \$1.00; 6 for \$5.00; per doz., \$5.00

1500 rolls Chenille, all sizes and colors.

Small	per roll, 20c	6 rolls, \$1.00	12 rolls, \$1.75
Medium	"	"	"
Large	"	"	"

2000 Cycas Leaves, Perpetuated, finest quality, all sizes.

24 to 36-inch leaves, assorted	per doz., \$2.00
36 to 48	"
100 Cycas Wreaths, excellent quality, 20-in., each, \$1.50; 24-in., \$2.00; 30-in., \$2.50; 36-in., \$3.00; 40-in., \$4.00.	

3000 Artificial Palm Plants, select stock. Small plants, 3 leaves, per doz., \$3.00. Medium plants, 3 leaves, per doz., \$4.00. Large plants, 8 leaves, per doz., \$6.00. Tree Palms, 5 to 12 ft. high, \$3.00 to \$5.00 ea.

100 Reams Tissue Paper, Manila, per ream, 400 sheets, \$0c; 10 reams, \$ 4.25	White	"	\$1.00;	5.00
200 "	Wax Manila Paper	"	1.40;	13.00
200 "	White	"	1.90;	18.00
2000 Rolls Crepe Paper, fine quality, all colors, per doz. rolls, \$100, 100, 7.00				
600 lbs. Cape Flowers, white, 1st quality	per lb., \$1.00; 5 lbs., 4.50			
200 "	colored, all colors, 1st quality	1.50;	7.00	
1500 Pampas Plumes, White	per doz., \$5c; 100, 2.50			
75,000 Pot Labels, best quality	colored, all colors	per doz., \$6c; 100, 4.90		

PLAIN		PAINTED	
4-in., per 1000	\$9.40	4-in., per 1000	\$9.55
5-in., "	50	5-in., "	55
6-in., "	70	6-in., "	75
8-in., "	90	8-in., "	120

In addition to above stock we have an immense stock of Jardinieres, Pedestals, Plant Stands, Fern Dishes, Wheat Sheaves, Plant Tubs, Cut Flower Vases, Flower Boxes, Baskets, Pot Covers, Metal Basins, in fact all leading Florists' Supplies which we are selling out at correspondingly low prices. During the months of July and August we will allow the following special discounts on our catalogue prices: On Wire Work—on orders from \$10.00 to \$25.00 cash discount of 30 per cent; \$25.00 to \$50.00, 35 per cent; \$50.00 to \$100.00, 40 per cent; On Wheat Sheaves, \$10.00 to \$25.00, 20 per cent; \$25.00 to \$50.00, 25 per cent. We make up fresh sheaves on all orders where time permits.

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

Mention The Review when you write.

THE SEVENTEENTH ANNUAL CONVENTION OF THE SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS WILL BE HELD AT BUFFALO, N. Y., AUGUST 6th to 10th, 1901.

OFFICERS: Pres., Patrick O'Mara, New York; Vice-Pres., Wm. F. Kasting, Buffalo; Secy, Wm. J. Stewart, 79 Mill Street, Boston; Treas., H. B. Beatty, Old City, Pa.

The annual dues, \$3.00, may be remitted to the secretary prior to the meeting and thereby avoid the crush at the secretary's desk on the opening day. He will mail receipts and badges for 1901.

The usual rate of one and one-third fares for the round trip on the certificate plan has been granted by the Frank Line Association. By depositing your certificate with the joint agent at the Exposition on or before August 4 and paying the sum of \$1.00 you may obtain an extension of the return ticket to August 24.

For information about hotel accommodation or rooming addresses W. A. Adams, chairman hotel committee, 479 Main Street, Buffalo, N. Y.

In regard to space in the special trade exhibition address Chas. H. Keitsch, Supt., 270 Southampton Street, Buffalo, N. Y.

ST. LOUIS. The Market.

The market is quiet, but the demand is sufficient to consume all the good stock that is coming in. Good roses are limited in quantity; stock of second quality is quite plentiful, but consists of only Brides and Maids, Perles, Meteors and Beauties are very scarce. The best of the rose stock is bringing \$3 per 100, and that from that down to \$1. Beauties are \$2 per dozen.

Carnations are in great demand, especially white, but they are very small and the little shriveled up blossoms are enough to drive away the few customers that come in. A few hundred fine Flora Hills from Overman's brought \$1.50 per 100, but the bulk of the stock sold at

from 50 cents to \$1 per 100. A great many of the carnations that came in last Saturday, were only fit for the dump. Outdoor stuff is very scarce owing to the dry and hot weather and the only flowers there now are for the retailer to make up his work with are roses and carnations.

Notes.

S. S. Skidelsky, of Philadelphia, was a visitor the past week. He reports a great sale on the Nelson carnation.

Wm. Hncke, of Belleville, was in town the past week calling on the trade. "Bill" says it's too dry and hot in our town for good carnations.

Wm. Ellison, of Ellison & Tesson, is up north enjoying a summer vacation. Arthur Ellison, of the same firm, left Saturday for the same place, where he will remain until time for the convention, then go to Chicago and travel with the Chicago party to Buffalo. This is his plan at present.

"Fritz" Weber, is back again after enjoying a two weeks' honeymoon. Fritz's face is too familiar at the wholesale houses to remain away long.

F. H. Meinhardt, chairman of the executive committee, reports that the preliminary list has been mailed to the growers and that the dates of this year's show will be November 13, 14 and 15. The special prizes are also coming in nicely and the show will be as good as ever this year.

Most all of the stores closed up a half day on the Fourth. Only the Grand avenue people kept open—they never close.

Miss Theresa Badaracco has returned from West Baden Springs much improved in health.

George E. Kessler, of Kansas City, Mo., has been selected as landscape architect for the World's Fair. Mr. Kess-

ler laid out the park and boulevard system of Evans City.

Miss Fera M. Reed, assistant librarian of the Missouri Botanical Garden, was killed by a train while sketching near Louisiana, Mo. Miss Reed, who was almost totally deaf, was sketching a botanical specimen on the tracks when struck by the Burlington train. Miss Reed was a prominent member of the Englemann Botanical Club and had been connected with Shaw's Garden as indexer and assistant librarian for more than ten years.

Bowling.

The bowling club rolled six games last Monday night. The weather was cool, but only four members put in an appearance. Kuehn and Bencke rolled some good games. The club would like those who are bowlers and who are going to Buffalo to attend next Monday night, as a meeting will be held and the team selected. Should the attendance be so that no team can be selected, it will be decided not to send a team to Buffalo to represent St. Louis. The scores of Monday night were as follows:

	1	2	3	4	5	6	Tl. Av.
C. A. Kuehn	297	157	154	136	214	142	1040 173
J. Bencke	184	203	173	143	137	157	997 166
F. C. Weber	133	113	119	137	135	"	657 131
F. M. Ellis	164	112	112	112	110	59	730 122

J. J. E.

ST. PAUL.

That hail storm reported by Mr. Bussjaeger took place on June 17th and it lasted but two minutes, but the results were bad enough. I was on the wagon about a mile and a half from home when I saw the storm coming. I had my boy of 18 and my little one of 3 years with me. We put the horse to a gallop and managed to get home under shelter just before the rain and hail began to fall.

My loss in glass broken was 800 lights, considerably more than the 400 to 500 reported by Mr. B. And had the storm lasted 10 minutes I doubt if we would have had any left. HENRY KRINKE.

CINCINNATI.

The Market.

The less said of trade for the past week the better. Stock of all kinds shows the effect of the hot spell and is not only scarce but of a decidedly poor quality.

Sweet peas, which were in such large supply, are about over now and there is virtually nothing to take their place. Asters will be late this year in this vicinity. At the present they are just showing bud and seem to be at a standstill.

The continued hot weather was beginning to tell on carnations in the field; no rain and a boiling hot sun made their existence rather difficult. The backbone of the hot spell is broken now; the temperature is, on an average, 25 degrees lower. This is a decided relief, not only to the people but to vegetation as well.

Various Items.

As a great many florists have been inquiring about the rate from Cincinnati to Buffalo, I would like to inform them that the rate on all roads will be \$12.25 for the round trip, good for ten days. This is considerable cheaper than a rate and a third on the certificate plan. This also includes either a straight trip to Buffalo by rail or to Detroit, Toledo or Cleveland by rail and then to Buffalo via lake steamer, making a very nice trip.

Mr. R. H. Warder, former park superintendent of Cincinnati, has been appointed superintendent of Lincoln Park, Chicago. Mr. Warder is to be congratulated on his good fortune in securing such an enviable position, and I can assure you that Chicago will be well satisfied with her choice.

The committee of the fall festival has decided to award the following prizes for competitions to be held during the fall festival: On Thursday of the first week of the festival, for best five designs, first prize, \$100; second prize, \$60; third prize, \$40. For best extra single design, first prize, \$25; second prize, \$15; third prize, \$10. On Thursday of the second week of the festival, for best display of lodge emblems, not less than five or more than seven pieces, first prize, \$100; second prize, \$60; third prize, \$40.

In judging these displays quality of flowers, workmanship and design will be considered. These competitions will be open to all florists. Now here are some prizes that are well worth capturing and at a time of year, too, when business is slack. So, boys, get a move on yourselves and show us what you can do.

Ben George is a happy man now. Cause, the arrival of a daisy boy at his home. Mother and baby are both doing nicely and Ben is receiving congratulations.

C. J. OHMER.

BATAVIA, ILL.

The item stating that the business of the Williams & Sons Co. had been closed out was erroneous. The facts are that several of the stockholders have purchased the stock in other hands and will continue the business under new management and no time or expense will be spared in building up and improving the business in every possible way.

THE ANNUAL Convention Number of the FLORISTS' REVIEW will be issued Aug. 8. Prepare advs. now.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of CUT FLOWERS and Dealers in

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.

32, 34, 36 Randolph St.
CHICAGO, ILL.

Mention The Review when you write.

BENTHEY & CO.

P. F. BENTHEY, Manager.

WHOLESALE AND COMMISSION Florists, Consignments Solicited.

35 Randolph St. CHICAGO.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of CUT FLOWERS.

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations
A Specialty.....

WHOLESALE GROWER OF

CUT FLOWERS

PREPARE ADVS. NOW FOR THE ANNUAL

Convention Number of the
Florists' Review,

To be Issued AUGUST 8th.

Otto Hansen,

1056 North 62nd Avenue, CHICAGO.

SMILAX,

GOOD STRONG PLANTS, from 2 1/2-inch pots, \$12.50 per 1000.

Mention The Review when you write.

C. A. KUEHN

WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

The Cincinnati Cut Flower Co.,

416 Walnut St., Wholesale Florists,
CINCINNATI, O.

Consignments Solicited.

Special Attention given to Shipping Orders.

Mention The Review when you write.



H.C. Berning

WHOLESALE FLORIST,

1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

Nephrolepis Wittboldii

You already know what Henry A. Dreer, Philadelphia, and A. J. Baldwin, Newark, O., think about Nephrolepis Wittboldii. Here is what the E. G. Hill Co. say about it:

The E. G. Hill Co.,

Wholesale Florists.

Richmond, Indiana, June 24th, 1901.

The Geo. Wittbold Co.,
Chicago, Ills. 1657 Buckingham Place.

Gentlemen: We are greatly pleased with your new Fern "Wittboldii" and predict for it great popularity. Our plants are now showing their true character, and it is hard to conceive a more beautiful plant. The fronds will certainly be in great favor for cut purposes.

Yours truly,
The E. G. Hill Co.

We are still supplying strong plants of Nephrolepis Wittboldii, "The Great Fern of the Future," at \$1.00 each, \$10.00 per doz.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...

CUT FLOWERS,

59 Wabash Avenue, CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

Geo. M. Kellogg, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy care of polots in Minnesota, both Detroit, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

Mention The Review when you write.

ASPARAGUS P.N. from flats, per 100, \$1.75; per 1000, \$15.
Celery, Golden Self-Blanching and White Plume, \$1.00 per 1000. Plants from seed not now ready.
Pepper, Ruby King, 50c per 100.
Bignonia Vines, 3 years, field grown, per doz., \$1.50

Cash Please. Mrs. GRISWOLD, WORTHINGTON, O.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN C. ESLER, Sec'y, SADDLE RIVER, N. J.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Mention The Review when you write.

One Chance in a Thousand

To get stock of Well-Tented Novelties of 1899, 1900 and 1901 varieties: Annibal, Dr. Despres, H. De Parville, Madagascar, Rene Bazou, Jean Laher, Prediction, Jules Claretie, Antheose, La Fraicheur, Cimarosa, Emanuel Arene, Manteau De Feu, Mme. Goyeux, Profusion, Dr. Beaumetz, Mme. L. Noisette, Thos. Meehan, Mme. Landry, Jean Viaud, Mark Twain, Dryden, Bellerophon, Clyde and Jules Lemaitre, from 2 1/2 and 3-inch pots. The entire collection of 25 varieties, including one **LARKIE FERN**, for \$2.50. Also Standard Varieties from 2-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Heteranthe, Nutt. W. E. HALL, CLYDE, OHIO.
Mme. Bruant, W. H. Bailey, etc., at \$5.00 per hundred.

Mention THE REVIEW when you write.



NEW CROP FANCY AND DAGGER FERNS

\$1.00 per 1000. Discount on large orders. Also GREEN and BEZONÉ GALAX, a No. 1 stock.

We never run out of stock. Place your orders with us we can fill them in any amount. Write for prices on Galax.

HENRY M. ROBINSON & CO.
Tel. 2618 Main. 36 Court Sq., Boston, Mass.
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

KELLER BROS.

213-15-17-19-21-23 Pearl St, NORRISTOWN, PA.

Manufacturers of Standard Flower Pots, red in color, equal to the best on the market, are 16 miles from Philadelphia best of railroad connections. We give special attention to mail orders and make special sizes to order in quantities. A postal will bring prices and discounts.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR BRONZE

GALAX LEAVES, Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

AGERATUM.

Ageratum, 2½-in., \$2.00; 3-in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ALTERNANTHERA.

XX Alternanthera. Three varieties, red and yellow, \$2.00 per 100; \$15.00 per 1000, fine bushy plants. Three large Ceylon Revoluta and other large palms. Will sell for half price to make room. J. J. Breat, 352 Central Ave., Newark, N. J.

Alternanthera. Paronychioides major and aurea nana; strong, bushy, from 2½-inch pots, \$18.00 per 1000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

20,000 Alternanthera. Paronychioides major and aurea nana; 150 grown in boxes; \$2.00 per 100; Cash with order. Herman Messner, Maspeh, N. Y.

Par. major and Aurea nana. \$2.00 per 100; \$18.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Alternanthera, red and yellow, 2-in. \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Alternanthera, red; \$1.50; yellow, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternanthera, small pink, 2½-in., \$1.50 per 100. Cash Morris Floral Co., Morris, Ill.

Alternanthera paronychioides major, \$2.00 per 100. Jos. Labo, Joliet, Ill.

ALYSIUM.

Alysiun, Dbl. Giant, 2-in., \$2.00; 2½-in., \$1.00; 3-in., \$1.50. Rooted cuttings, \$1.00 per 100; \$8.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Alysiun. Double Giant, 2-in., \$2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ARAUCARIAS.

Araucaria excelsa, 5-in. pots, 2 to 4 tiers, 8 to 12 inches high, 50c to 75c. Godfrey Aschmann, 1012 Ontario St., Philadelphia.

ASPARAGUS.

Asparagus plumosus nanus, extra strong 2-in., ready for 3-in., \$5.00 per 100; \$40.00 per 1000. Sprenger, strong 2-in., \$4.00 per 100; \$35.00 per 1000. Emerson C. McPadden, Short Hills, N. J.

Asparagus plumosus nanus, fine 3-in. pot plants, \$5.00 per 100. Sprenger, same size, \$4.00 per 100. All No. stock. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

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Roses. We have on hand the following stock in A No. 1 condition, 2 1/2-in. pots, for sale at a low price: 1000 Brides, \$10.00; 3000 Perle, De Pew Bros., Cor. Dewey and Piermont Aves., Nyack, N. Y.

Brides, Malda, Perles, Meteors and Gates, \$2.50 per 100; \$25.00 per 1000. Beauties, 2 1/2-in., \$4.00 per 100; 3-in., \$7.00 per 100. Pochmann Bros. Co., Morton Grove, Ill.

We have finished planting and have a surplus of 2000 Brides and Bridesmaids in 3-in. pots which we will sell for \$15.00 per 1000, as we have no room. H. W. Wieland, Newtown, Bucks Co., Pa.

Roses. Good healthy plants of Kaiserin Augusta Victoria, 3-in., \$4.00 per 100; \$35.00 per 1000; 2-in., \$2.00 per 100; \$25.00 per 1000. Cash with order. Wm. B. Wagner, 209 No. Western Ave., Chicago.

All the leading varieties of roses in 2 1/2-in. shifted from 2-in. and equal to stock advertised in 3-in. Satisfaction guaranteed. Write for special prices on large lots. Geo. A. Kuhl, Pekin, Ill.

FRENCH ROSES. Fine thrifty plants from 2 1/2-in. pots, \$5.00 per 100; \$50.00 per 1000. A few hundred GOLDEN GATES, 2 1/2-in., \$2.50 per 100. Wm. B. Sands, Larks Roland, Baltimore, Md.

1000 American Beauty, 4-in. pots, \$12.00 per 100; \$100.00 per 1000. 500, 3-in. pots, \$7.00 per 100; \$70.00 per 1000. All fine large plants and healthy. A. L. Thorne, Flushing, N. Y.

Rose plants, per 100: Liberty, 3-in., \$5.00; Brides and Bridesmaids, 2 1/2-in., \$5.00; Brides and Bridesmaids, 3-in., \$6.00. All in good condition. L. B. Coddington, Murray Hill, N. J.

Porcing Roses, per 100: Bride, 2 1/2-in., \$5.00; 3-in., \$4.00. Bridesmaid, 2 1/2-in., \$2.50; 3-in., \$4.00. Perle, 2 1/2-in., \$3.00; 3-in., \$4.50. The National Plant Co., Dayton, Ohio.

Roses. We have a few Bride, Bridesmaid, Morgan and Liberty roses, on own roots, in 2 1/2-in. pots; 600 strong plants. J. W. Howard, Woburn, Mass.

Bride and Bridesmaid, from grafted plants potted in sterilized soil, from 4-in. pots, \$5.00 per 100; \$50.00 per 1000. J. H. Parker, 307 Washington St., Dorchester, Mass.

Fine, strong plants of Bride, Bridesmaid and Golden Gate roses, 2 1/2-in. pots, \$2.00 per 100; \$18.00 per 1000. Mrs. J. W. Crouch, Chattanooga, Tenn.

American Beauty roses, strong plants from 4 and 5-in. pots, \$10.00 per 100. Order now. Robt. Scott & Son, 319 N. 4th St., Philadelphia, Pa.

Surplus rose stock, per 100: Brides and Malda, 2 1/2-in., \$2.25; 3-in., \$3.00; Golden Gate, 2-in., \$2.25; Niphotes, 2-in., \$3.00. J. M. Smely, Aurora, Ill.

Bride and Malda roses, extra fine, 3-in., \$4.00 per 100; \$30.00 per 1000; 4-in., \$6.00 per 100; \$50.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

For forcing, 2500 Brides and Malda, 3 1/2-in. fine plants, \$3.00 per 100. Cash with order. F. Walker & Co., New Albany, Ind.

Manetti stocks. If ordered now, you will receive them early. Best at \$9.00 per 1000. H. E. Jennings, 11 E. 24th St., N. J.

Roses. H. F. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Robbink & Atkins, Rutherford, N. J.

Meteor, Bride and Malda roses, 3 1/2-in., \$5.50 per 100; \$55.00 per 1000. Very choice. Drant & Noe, Forest Glen, Chicago.

Roses. Brides and Bridesmaids, 2 1/2-in. pots, just right for shifting, \$3.00 per 100. Cash. Mixed, 400 seeds, \$1.00; half pkt., 50c. Cinerarias, large-flowering dwarf varieties, mixed, 100 seeds, 50c. John F. Rupp, Shiremanstown, Pa.

Roses, Brides, Perles, Bridesmaid, fine, bushy 2 1/2-in. pots, \$3.00 per 100. Joseph Bancroft & Son, Cedar Falls, Ia.

Brides and Malda, 3 1/2-in. pots, \$1.00 per 100; \$5.00 per 1000. Rhode Island Greenhouses, Pawtucket, R. I.

Bride and Malda roses, extra fine stock, 3 1/2-in., \$5.00 per 100. L. E. Marquisee, Syracuse, N. Y.

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We still can offer a bargain in these in the large sizes. The size offered below will be found to be exceedingly good value. Plants are in perfect shape, grown from top cuttings, with large leaves right to the pot, and are exceedingly cheap at prices quoted.

Fine plants, 6-in. pots, 12 to 15 in. high, \$35.00 per 100. Extra heavy plants, 6-in. pots, 3 ft. high, only \$25.00 per dozen.

We also have extra fine specimens which are fine for decorating piazzas, hallways, etc. Plants in 8-in. pots, 4 to 5 ft. high, which we will sell at \$2.00 each.

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Ruselias multiflora and elegantissima, extra fine plants in bloom, 6c per doz.; \$4.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

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Salvia, 2-in., \$2.00; 2 1/2-in., \$3.00; 3-in., \$4.00 per 100. Rooted cuttings, per 100; \$10.00 per 1000. Cash. Green & Underhill, Water-town, N. Y.

Salvia splendens, per 100, \$3.00 per 100; John Scott, Keap Greenhouses, Brooklyn, N. Y.

SEEDS.

FRESH SEED. 1000 1000. Asparagus Plumous Nanus 65c 60.00. Asparagus Sprengeri 35c 20.00. Calceolaria Hybrida Grandiflora Maxima, about 2500 seeds, \$2.00. Calceolaria Grandiflora, about 500 seeds, 25c. Calceolaria Rugosa, Shrubby Calceolaria, packet 25c. Calceolaria Hybrida Grandiflora Maxima, in most brilliant coloring, giant flowers, packet 500 seeds, 25c. Cineraria Hybrida Nana, dwarf, pkt. 500 seeds, 25c; 3 pkts. for \$1.00.

Salvia Calceolaria-Johnson & Stokes' Hybrida Grandiflora, mixed, 500 seeds, 30c; 1000 seeds, 50c. Cineraria-James' Giant Strain (unpurified), 500 seeds, 60c; 1000 seeds, \$1.00. Primula Johnson & Stokes' Prize, 500 seeds, mixed, 100 seeds, 25c; 500 seeds, \$1.00. Pansy-Johnson & Stokes' Kingly collection comprises all the grand sorts and is the most effective strain on the market. 1 1/2 pkts. 30c; 3 pkts. 50c; 5 pkts. \$1.00. Johnson & Stokes, 217 Market St., Philadelphia.

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Smilax, good strong plants, 2 1/2-in., \$12.50 per 1000. Otto Hansen, 1656 No. 62nd Ave., Chicago.

Smilax, 2-in., strong, bushy \$1.00 per 100; \$5.00 per 1000. Cash. R. Kilbourn, Clinton, N. Y.

Smilax, 24-2-in., strong, \$1.50 per 100. Satisfaction guaranteed. J. S. Bloom, Riegelshuis, Pa.

Smilax, 2 1/2-in., \$1.50 per 100; from flats, 25c per 100. Cash. Morris Floral Co., Morris, Ill.

Smilax, 3-in., \$1.00 per 100; \$10.00 per 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

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Smilax, \$1.50 per 100, \$12.50 per 1000. A. M. Herr, Lancaster, Pa.

Smilax, 2 1/2-in., \$1.25 per 100. Harry White, New Holland, Ind.

Smilax, 2-in., \$1.00 per 100. M. J. Coventry, Fort Scott, Kan.

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Celery, field-grown; strong, fine roots, sheared back several times. White Plume, Perfection Heartwell, Dwarf Golden Heart, Giant Pascal and Celeric Erfurter, carefully packed, \$1.00 per 1000; \$1.50 per 1000. Cash. Ludwig Mosbach, 8500 Anthony Ave., South Chicago, Ill.

Celery—Golden Self-Blanching, White Plume, Boston Market, Golden Heart, Giant Pascal, and Perfection Heartwell, strong field-grown; by the 1000 or 10,000, \$1.00 per 1000; extra selected, \$1.50 per 1000. Cash, please. W. S. Herzog, Morris Plains, N. J.

Genuine transplanted celery plants; stocky, well-hardened stock out of flats, fine roots, \$2.00 per 1000 cash; sample of W. Plume, B. Market and G. Pascal, G. Good cabbage, best varieties, \$1.00 per 1000, \$1.00 per 1000. R. Kirkburn, Clinton, N. Y.

Celery—Golden Self-Blanching and White Plume, \$1.00 per 1000; plants from seed best now ready. Pepper—Ruby King, 20c per 100. Cash. Mrs. Griswold, Worthington, Ohio.

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Celery plants. One million at \$1.00 per 1000; \$2.00 per 100. Cash. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

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Verbena, 2½-in., \$2.00 per 100. Lemon verbena, 2-in., \$2.50; 2½-in., \$3.00; 3-in., \$4.00; 3½-in., \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Mammoth verbena, fine plants from soil, 40c per 100; \$3.00 per 1000. J. C. Schmidt, Bristol, Pa.

VINCAS.

Vinca, 3-in., \$4.00; 3½-in., \$5.00; 4-in., \$10.00; extra long vines, 2 to 3 feet, \$10.00 to \$15.00 per 100. Rooted cuttings, \$1.25 per 100; \$10.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Vinca major var., fine 2-in., just what you want to plant for next spring's sales, 50c per 100; \$5.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

Vinca var., from 2½-in., \$2.50 per 100. Cash with order. Geo. Bischoff, Ann Arbor, Mich.

VINES.

Bignonia vines, 3-years, field-grown, \$1.50 per doz. Cash. Mrs. Griswold, Worthington, Ohio.

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Violets (Marie Louise). Strong, clean and healthy plants, none better offered for sale, \$20.00 per 1000, 2000 at \$35.00. Cash with order. J. D. Hildreth, Lock Box 2, Babylon, N. Y.

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Marie Louise violets, strong, healthy stock, \$3.00 per 100; \$25.00 per 1000; 500 at 1000 rate. Mount Home's Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Violets, Marie Louise and Farquhar, strong 3-in. pot plants, grown from runners, \$3.00 per 100; \$25.00 per 1000. Cash. Geo. H. Benedict, Yorkville, N. Y.

Violets, extra fine Imperial, M. Louise, Farquhar and Campbell, 2½-in., \$3.00 per 100; \$25.00 per 1000. Crabapple Flowering Plant, \$10.00. Marie Louise, March struck, fine plants, \$10.00 per 1000. Cash, please. C. Lawtzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violets, fine, healthy stock, \$1.00; \$25.00 per 1000. L. R. Lane, Babylon, L. I., N. Y.

MISCELLANEOUS.

Smilax, 2½-in., Jerusalem Cherry, 3-in.; Cinnax Vaughan and Crozy, 4-in.; Vinca, 4-in., cheap for cash or will exchange for other stock, besides N. Ferns, etc. Jas. C. Murray, 80 Main St., Peoria, Ill.

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To Exchange—We will exchange first-class stock of the leading varieties of roses (for list of varieties see classified rose adv.) for first-class stock of the newer varieties of carnations, begonias, ferns, etc. H. M. Robinson & Co., Philadelphia, Ill.

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Dagger and Fancy ferns, 50c per 1000. Laurel festooning, 4, 5 and 6c per yard. Crown Fern Co., Millington, Mass.

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Nikotene. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikotene. Sold by seedsmen. Circular free.

If you want healthy plants, fumigate with Nicotolee. Tobacco Warehousing and Trading Co., 1022 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us, we can save you money. W. H. Ernest, 25th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. The best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Columbia plant tubs. Invalid Appliance Co., 150-150 Vester St., Chicago.

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Thaden's Wire Tendra is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 10c prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. wire stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

Galvanized rose stakes and tying wires; low prices and prompt shipments. Igoe Bros., 226 No. Ninth St., Brooklyn, N. Y.

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We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Read & Keller, 122 W. 25th St., New York. Manufacturers Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

PITTSBURG.

Trade among retailers has been fair this first week in July. It is mostly funeral work owing to the great many deaths occurring from the great heat the beginning of the week.

Really good flowers are not overplentiful, the hot weather seems to be too much for blooms under glass. Kaiserin is the only good rose to be had now. Some carnations are fair and some not near fair. Sweet peas are plentiful and a few herbaceous flowers are coming in, such as coreopsis, achillea, etc. Longiflorum lilies are still to be had; they have been plentiful since last winter.

The growers are busy taking care of carnations in the fields. The season has been so very wet that it was hard to get them planted and worked between rains. The growers mostly have the carnations in the houses yet, but from the looks of some of the blooms offered they would be better on the dump. Roses seem to be about all planted here.

A couple of weeks ago a hail-storm did some damage to glass hereabouts. At the same time a flood hurt florists who have their plants in valleys as Oscar Heid and Breitenbaugh Bros.

On July 1 Blind Bros. succeeded to the establishment of their father, C. Blind, at West View, Allegheny. They have about twelve nice houses and are making improvements right along. One of the brothers, H. L., was married June 18 to Miss Weber, of Perryville. A good many florists attended the wedding and had quite a nice time.

Thursday evening the club meets and will arrange for the picnic at Burki's farm at Bakerstown on the 17th. Mr. Burki wants all to come and join in the fun. BAER.

PAN-AMERICAN EXPOSITION.

Sweet Pea Exhibition.

The special exhibition of sweet peas will be held July 23 to Aug. 2, and it promises to be an unusually interesting one. Following are the classes in which awards will be made:

- Class.
- 1—25 sprays of Pure White
- 2—25 sprays of Yellow or Primrose
- 3—25 sprays of Blush or Light Pink.
- 4—25 sprays of Rose or Deep Pink.
- 5—25 sprays of Orange or Salmon.
- 6—25 sprays of Mauve or Lavender.
- 7—25 sprays of Red or Scarlet.
- 8—25 sprays of Maroon.
- 9—25 sprays of Blue.
- 10—25 sprays of Contrasting Shades.
- 11—25 sprays of Light Stripes or Blends.
- 12—25 sprays of Dark Stripes or Blends.
- 13—Collection of 20 vases named varieties; 25 sprays each not to include introduction of 1901.
- 14—Collection of 12 vases, same conditions as class 13.
- 15—Collection of novelties; introduction of current year; 10 sprays each variety.
- 16—Group of 6 distinct varieties; 25 sprays each, in three colors: Pure White, Light Pink and Lavender.
- 17—Group of 6 distinct varieties; 25 sprays each, in three colors: Red or Scarlet, Deep Pink and Orange.
- 18—Group of 6 distinct varieties; 25 sprays each, in three colors: Yellow or Primrose, Blue or Maroon, and Striped or Variegated.
- 19—Bouquet not to exceed 200 sprays. Quality of flowers, harmony of colors, and taste in arrangement to govern.
- 20—General Display, 25 sprays of each variety. Bouquets must be received by Superintendent not later than Saturday, July 20.

Exhibits must be in place not later than noon of the opening day.
Any exhibit in one class will not be considered as competing for award in other classes.

Other special exhibitions to be held during the season are as follows: Gladiolus, Aug. 6 to 17; Asters, Aug. 27 to

Sept. 7; Dahlias, Sept. 17 to 27; Chrysanthemums, Oct. 22 to 31. Copies of a pamphlet containing the classes for all the special exhibitions, including rules and regulations, may be had by addressing William Scott, Horticulture Building, Pan-American Exposition, Buffalo, N. Y.

BUFFALO HOTELS.

No special rates will be made by the Buffalo hotels for convention week except to large parties. Below will be found a list of the leading hotels with the rates per day for rooms on the European plan. The rate given is for the cheapest rooms and there will be no limit to this "up" if the crowds are large and the demand for rooms brisk. But the Buffalo Florists' Club has a long list of other hotels, apartment houses, private houses, etc., from which they can supply accommodations for every one and at any price desired.

Write to the chairman of the hotel committee, W. A. Adams, 479 Main St., Buffalo, N. Y., telling him just what sort of accommodations you wish and at what price and he will see that you get it:

Iroquois	\$4.00 per day and up.	European
Tirot	3.00 per day and up.	European
Bronzed	3.00 per day and up.	European
Genesee	3.00 per day and up.	European
Mansion	3.00 per day and up.	European
Queen's	3.00 per day and up.	European
Detroit	1.00 per day and up.	European
Victoria	1.00 per day and up.	European
Vendome	1.50 per day and up.	European
Columbia	1.00 per day and up.	European
Niagara	3.00 per day and up.	European
Lenox	3.00 per day and up.	European
Statler's	2.00 per day and up.	European

TRAVEL TO THE WEST.

More and more each year Americans are finding out the attractions of our own country, and as they grow to realize the charm of life among the Colorado mountains or in the Yellowstone Park the tendency is toward greater travel West instead of East for health and recreation. The railroads, too, are alive to the new conditions and have made lower tourist rates this year than ever before. And then the train time has been vastly improved, so that now it takes only one night on the road between the Atlantic Coast and Denver, that is, by using the Burlington's fast train from Chicago.

NEW CASTLE, IND.—A heavy wind-storm did serious damage here last week. One of the partly constructed greenhouses in the new range of Reinberg & Weiland was badly handled by the storm. The house is 31x300 and 125 feet of the north side was glazed. The wind blew all the rest of the house standing. About 50 lights of glass were broken in five other houses that were finished. The total loss in the town due to the storm was about \$5,000.

AUBORA, ILL.—Remarkable progress is being made in beautifying the city through the efforts of a civic improvement committee of twenty-one members, chosen from the local Woman's Club, which has a membership of 200. They see that the ordinances regarding garbage, etc., are strictly enforced, are planting extensively in public places and are offering prizes for best kept school yards, and best kept back yard in each ward, as well as carrying on the good work in many other directions.

LOUISVILLE, KY.

The Kentucky Society of Florists held their monthly meeting July 3 at the residence of Mr. Henry Fuchs. The attendance was good and considerable business was transacted. The society had the pleasure of having Mr. John Pehrson, representing the Geo. Wittbold Co., of Chicago, with them. After the meeting adjourned Mr. H. Fuchs invited the boys to a fine spread which was very much enjoyed by all present. Mr. John Bohrmann acted as best man and gave the boys a good speech on how to grow Boston ferns.

The boys are talking a good deal about the coming convention at Buffalo. Trade is very quiet here. The weather is a little cooler. Carnations in the field are looking very fine and making a nice growth. Sweet peas are a drug on the market. Roses are very scarce and carnations are small.

Mr. S. J. Thompson, who was injured some time ago, is improving. Mr. Victor Mathis, the Bank street florist, is remodeling his greenhouses.

A Heitz has moved to his new place, just opposite St. Louis cemetery.

W. L. LICHTFELD.

"THE BOXER BOOK."

A copy of this new book by Wm. Roe has been sent us by the publisher, Frank Finsterbach, 3030 Archer Ave., Chicago. It is written to point out the dangerous possibilities of the "Yellow Peril" quite frequently mentioned in the daily press. While the author in endeavoring to warn against all the dangers rather carries it to extremes there is undoubtedly a real menace to white labor, and it is not so very remote. We have not as yet felt the competition of yellow labor to any appreciable extent but Europe has. Already Japan is sending us merchandise that formerly came from Europe, notably fancy baskets, tooth brushes and various objects of ornament. We were informed by an importer and manufacturer of brushes that the Japs took samples of his brushes and imitated them exactly at a price less than the bristles alone cost him. Chinese labor is even cheaper than that of Japan. Five to eight cents a day of fifteen hours for skilled labor means most serious competition even against ordinary machinery, and as Mr. Roe points out, if we freely give them the benefit of our mechanical inventions white labor would stand no chance at all. He recommends the formation of a white "Boxer" society. The price of the book in paper covers is 25 cents and it is well worth reading.

SHIREMANSTOWN, PA.

A few days ago John F. Rupp used up his surplus stock by presenting baskets containing twenty-two assorted bedding plants to each of forty engineers, conductors, expressmen, baggage-men and brakemen on his shipping road as a token of appreciation of their prompt and careful handling of his large shipments of plants. They were highly pleased with the compliment and regarded the baskets of plants as something of great worth.

NORTHAMPTON, MASS.—Charles Feiker has added a new greenhouse.

WORCESTER, MASS.—At the exhibition of the Horticultural Society June 27 the leading features were roses, hardy flowers, strawberries and vegetables.

BOSTON.

"The star-spangled banner in triumph still waves
O'er the land of the trust and the home of its slaves"

And also o'er the ruins of the New England flower traffic for the time being. Summer conditions are in force by a very large majority. The small amount of material coming in handles harder than the usually larger amount at other times of the year. Quality, too, is naturally very poor after such a roast as we have had at the hands of the weather department. This is especially true of the roses, which look as if they had been baked in an oven, although there are quite a few very good Kaiserins, some of them bringing 12 cents, while I have not known of other ordinary kinds bringing over 4 cents for the past week.

Carnations are looking better than roses and are selling all the way from 25 cents to \$1.50 per 100. Sweet peas have been coming very irregularly of late and for the most part have been sold very cheaply. For some reason not so much out-door material has come in as might be looked for, but perhaps as much as the market would readily carry, since second-class goods have been unsalable all the time.

Vacation time is surely here, but I do not hear anything said about any extended vacation trips, which seems in sharp contrast with two years ago, when so many went to Europe.

Neither is there so much talk about building as usual at this time of year, probably largely due to prevailing prices of building material. What little I can find out on that subject I will have to roll up snowball fashion for next issue. But I fear it will make a small ball.

"No news is good news," and if we travel on that ticket there is lots of good news. "Silence is the only sound I hear." But James Delay has been laid up quite a few days with a poisoned foot which declines to readily yield to treatment. The cause of the trouble is unknown.

Mr. Clark, secretary of the state prohibition party, but known to the florists because he makes a specialty of delivering all the surplus flowers he can obtain to the different hospitals of the city and in connection with this work took charge of the ice-room at the Park street market until his health forbade, starts Monday, July 10, for a trip to California. He thereby combines business and pleasure, as this gives him a chance to attend certain meetings in his line of work and also to visit his aged mother, who resides there. J. S. MANTER.

UNIONTOWN, PA.—Barton Bros. have secured the services of J. Hellett as foreman. Mr. Hellett for the past several years has been in charge of Capt. S. S. Brown's summer home in the mountains.

CALUMET, MICH.—W. J. Waters, the florist, died July 5.

BRIDES and MAIDS

3½-in., Extra Fine Stock, \$5.00.

CHRYSANTHEMUMS,

Best Standard Sorts, 2½-in., \$2.00.

L. E. MARQUISE, Syracuse, N. Y.

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Going Out of Business

The Hinsdale Rose Co. has decided to go out of the business of growing roses and have for sale

the following stock which was grown for their own use. The stock is guaranteed to be in first-class condition in every respect, and will be sold below the cost of production, for the reason that we have no use for it and wish the room for other purposes. Will trade stock for up-to-date carnations—that is the new varieties:

790 Brides, 2-inch pots.....\$2.00 per 100	500 Meteors, 2-inch pots..... \$2.00 per 100
690 Brides, 3-inch pots..... 3.00 "	600 Meteors, 3-inch pots..... 3.00 "
1250 Maids, 2-inch pots..... 2.00 "	1800 Meteors, 4-inch pots..... 4.00 "
7500 Maids, 3-inch pots..... 3.00 "	4000 Perles, 3-inch pots..... 4.00 "
2400 Maids, 4-inch pots..... 4.00 "	300 Liberty, 3-inch pots..... 3.00 "
	650 Liberty, 4-inch pots..... 3.00 "

The stock is in the best of condition and guaranteed so, or the money will be refunded. Address

HINSDALE ROSE CO.....Hinsdale, Ill.

FOR LARGE ORDERS, SPECIAL OFFER.

QUALITY STRICTLY FIRST CLASS.
METEOR Rose Plants, 3-in., \$30.00 per 1000
2-in., 20.00 "

Write for special price on large quantities.

We also have Brides, Maids and Golden Gates, at \$20 per 1000.

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ROSES... FOR THE TRADE, SPRING OF 1901.

We solicit your order and guarantee satisfaction. Write for special prices on large lots.
Meteors, Brides, Maids, Perles, Kaiserin A. V., Wootton, Pres., Carnot, Golden Gate, Liberty.

Smilax Extra, in 2 & 2½-in. Sprengeri, in 2-in. Write
Plumosus in 2-in. Boston Ferns, We make a specialty of. Have all sizes.

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Extra fine plants grown on their own roots for winter forcing.

Liberty..... 3-in. pots, \$12.00 per 100, \$100.00 per 1000.

Brides, Bridesmaid, Meteor, Kaiserin, Safrano, Golden Gates, Perle, 3-inch pots, \$7.00 per 100.

Grafted Roses.

Liberty, 3-inch pots..... \$18.00 per 100
Brides, Bridesmaid, Golden Gates, Kaiserin, 3-inch pots, \$12.00 per 100.

Our **LIBERTY ROSES**, both grafted and on their own roots, are in extra fine condition and perfectly healthy. **NO BLACK SPOT.**

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If you are in need of any of the following stock get your orders in at once and we will furnish you with strictly first-class stock in any quantity for little money.

GERANIUMS. S. A. Nutt, best double crimson; Bruntz, semi-double scarlet; Grant, double scarlet. Strong plants from 2½-inch pots, \$1.25 per 100, \$12.00 per 1000. Frances Perkins, double pink; Beate-Pedersen, semi-double salmon; E. G. Hill, single salmon; La Favorite, double white; J. M. Gaar, single white; Mme. Jaulin, semi-double, pink center, white tip; Mme. Bruntz. Strong plants from 2½-inch pots, \$1.50 per 100, \$15.00 per 1000. All the above varieties in rooted cuttings, \$1.00 per 100, \$9.00 per 1000.

COLEUS. A choice collection of 15 distinct varieties, all bright colors and including only those of decided merit. **Golden Bedder** and **Verschaellottii** in quantity, strong plants from 2½-inch pots, reduced price, 75c per 100, \$6.00 per 1000.

PETUNIAS. Double Fringed. Eight novelties in white, pink and blotted. All labeled, strong plants from 2½-inch pots, reduced price, 75c per 100, \$6.00 per 1000.

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The Sensational Giant White, \$5.00 per dozen; \$30.00 per 100.

Other NEW AND STANDARD VARIETIES, fine thrifty stock from 2 and 2½-inch pots.

Write for catalogue giving complete descriptions, with time of blooming, etc., of each variety.

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CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, \$75.00 per 100,000.

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Golden Gate	2.00	20.00

From 3-in. Pots.

	100	1000
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Bride	4.00	35.00
Bridesmaid	4.00	35.00
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All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

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FINE THRIFTY PLANTS, from 2½-inch pots, \$3.50 per 100, \$30.00 per 1000

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CASH.

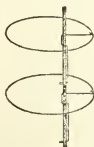
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PRIMROSES Ready July 15.
Per 100, \$2.00

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Adapted to horizontal wires as well as stakes for Roses, Carnations, Chrysanthemums, etc.

We claim that the tendril does not crowd the plant, but holds it firmly and with freedom. Does not mutilate the foliage. Harbors no insects. Makes the plant come to a straight stem. Admits of free circulation of air. Requires no skilled labor to place properly. Can be moved up or down the stakes. Easily put on and easily taken off, and are durable. Sample package of 100 prepaid for 50 cents.

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Beauties, 2½-in., \$1.90 per 100; 3-in., \$7.00 per 1000. Mums, \$2.00 per 1000.

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ROOTED CUTTINGS and BEDDING STOCK.

See Page 150, July 4, 1901.

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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

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INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 173-185	Kennett Bros. Co. 173
Amling, E. C. 184	Kennett Tobacco
Barnard, W. W. 173	Product Co. 185
Bassett & Washburn. 184	Kroeschel Bros. Co. 186
Bentley & Co. 184	Kuehn, C. A. 184
Berger, H. H. & Co. 174	Kuhl Geo. A. 192
Bering, H. G. 184	Leizer & Harrell. 174
Brant & Noe 185-192	Long, D. B. 195
Brell, F. 182	Lord & Barnham. 196
Brinkerhoff & Barnett	Marrinson, M. A. 174
Engraving Co. 184	Marquisee, L. E. 192
Buckley Plant Co. 186	McKellar & Winter-
Budlong, J. A. 184-192	son. 183
Burpee, W. Atlee &	Michell, H. F. 173
Co. 182	Moninger, J. F. Co. 196
Chicago Patony	Moon, W. H. 195
Farms 174	Morris Floral Co. 174
Chicamut Cut Flow-	Penneck, S. S. 182
er Co. 184	Palen Co. 189
Classified Advs. 186	Pierce Co., F. O. 195
Cottage Gardens. 185	Pittsburg Cut Flow-
Crab & Hunter 193	er Co. 182
Crow, Fern Co. 174	Poehlmann Bros. Co.
Cunningham, Jos. H. 193	.... 183
Dietsch, A. & Co. 193	Pollitzer Co., C. C. 184
Dillon, J. L. 192	Quaker City Machine
Dorner, F. & Sons Co. 193	Works 183
Drer, H. A. 195	Randall, A. L. 184
Duston, Chas. S. 174	Rawlins, E. I. 174
Ellis, F. M. 184	Reed & Keller. 174
Euler, John G. Sec'y 185	Regan Pig. House. 195
Finley Lawn Mower	Reinberg, P. 189
Co. 195	Rice, M. & Co. 174
Florists Supply Co. 194	Robinson, H. M. & Co. 185
Garland, Geo. M. 186	Rupp, John 185
Gibbons Co., H. W. 196	Saunders, W. B. 193
Giblin & Co. 196	Schillo, Adam 186
Greene & Underhill. 185	Schultz, F. W. 195
Grissold, Mrs. 185	Seollay John A. 179
Hall, W. E. 185	Skaberna Dip Co. 195
Hancock, Geo. & Son. 193	Smith, N. & Son. 184
Hansen, Otto. 184	Soltani, Ch. 185
Hearck, Jos. 174	Thompson, J. 185
Heer, Albert M. 174	Thorburn, J. M. & Co. 174
Hill Co., E. G. 188	Tobacco
Hinsdale Rose Co. 182	ing & Trading Co. 195
Hippard, E. 194	Vincent Jr., R. & Son
Hitchings & Co. 192-194-196	.... 193
Hunt, E. H. 184	Wabash Ry. 195
Igoe Bros. 195	Weber & Sons. 184
Jackson, E. B. 174	Weland, Richard 195
Jennings Bros. 194	Whilldin Pottery Co. 184
Kastine, W. F. 173	Wietor Bros. 184
Keller Bros. 185	Wilcox Mfg. 185
Kellogg, Geo. M. 185	Wittbold Co., Geo. 185
Kennett Foundry &	Zirmlebel, D. 174
Machine Co. 192	

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



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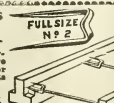
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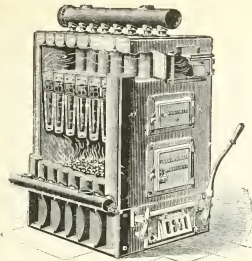
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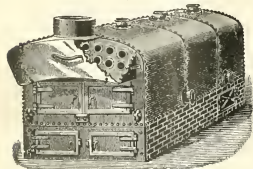
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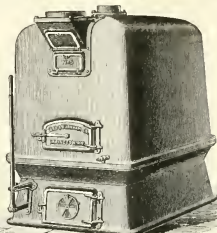
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No. 190.

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MISCELLANEOUS SEASONABLE HINTS.



Chrysanthemums.

I was asked today my opinion on the cheapness of masticas as a glazing material and of that my views will be found in another column. And that reminded me that it is very necessary that the glass should be put into all houses without delay. There is sure to be some broken unless you butt the glass. In that case there is seldom any broken glass. Wherever chrysanthemums are planted out it is very essential that the house be made tight as soon as possible. You have to give air all you possibly can for the sake of the chrysanthemums, but you ought to have facilities to shut it up close for the sake of fumigation.

I don't know that the black aphid is any more troublesome now than it has been in years past. I think perhaps it is not so bad, but it is a great scourge and gives us lots of trouble. There are several ways of keeping it under. Some use fine tobacco dust sprinkled on the plants liberally, and it is well to do it after a syringing. This is effective enough but gives the plants a dirty appearance. Another is to syringe them with tobacco water; either the rose leaf extract of tobacco diluted in one to 75 parts of water, or the Nikoteen, which is strong enough when diluted one to 200 parts of water. But neither of these methods is so effective or so cleanly done as fumigating. Three successive fumigations, not ever strong, will kill all the black aphid; at least for two or three weeks, and when once killed a regular weekly smoking will keep them down.

The best friend we have to keep down the black aphid is the larva of the Lady Bug. The quantity they eat is prodigious. To prove this, chrysanthemums that are planted out as we used to do years ago would be covered with the black aphid were it not for the little Lady Bug, so if you have any in your neighborhood bring them in and foster their growth. I don't think that fumigating hurts the bugs as much as the tobacco water or the dry tobacco dust. When chrysanthemums are making their strongest growth they should be liberally supplied with water. It should be unnecessary to say that should you have any shading on your house of any kind left over from your plant growing business, be sure and get it off. Chrysanthemums want no shade of any kind.

Watering.

We are having at present a very hot, dry time and a good deal of the success of the flower beds will depend on their wise and intelligent care. If you have planted any tuberous rooted begonias give them an abundance of water, but don't water them as you would a bed of cannas. Let the hose run between them, thoroughly watering the roots, but not splashing the leaves or flowers.

In a very dry time there are scarcely any plants but what are benefited by the

watering. The great trouble is that a watering often means nothing but a sprinkling of the surface. When you do water, give them a thorough soaking and hoe the next day. Dahlias particularly will want a frequent and thorough watering and should be mulched with two inches of manure. Next to watering the greatest help to keep your bed in good order is to keep all flowers, when they are past their best, picked off. Remember that going to seed is the most exhausting function of the plant. Not only should all flowers that are past their prime be picked off for tidiness' sake, but to keep up vigor in the plant. This applies to geraniums as much as anything.

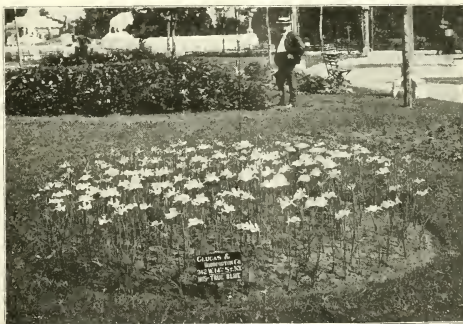
Now is a very trying time for the azaleas, acacias, metrosideros and other hardwood plants that are plunged out of doors. They will dry out oftener than once a day and as they are growing they should never want for water. In a week or two, or even now, it will help them very much to slightly stir up the surface of the soil, then make a mulch of rotten manure with about half sheep

are entirely in place, and if you do plant them take care of them. There is a great mistake made in the shape that hedges are too often kept. You see them as broad, or even broader at the top than at the bottom, keeping the sun and rains from the lower parts, which become bare and unsightly and then the hedge is simply an abomination and makes so many people disgusted with any hedge. They must be conical; broad at the base and tapering to the top. This is hard to do with a hedge that has been long neglected, but a good deal can be done towards that end. Don't be impatient to get a height to your hedge too soon. It must go slow. Fill up the lower parts before you attain height. The shears may do on hedges that have reached all the size you want, but I much prefer the pruning knife at all times, particularly on young hedges. The shears make a Norway spruce, hemlock or arbor vite hedge look like a poor man who has just done time.

WILLIAM SCOTT.

SPANISH IRIS.

The accompanying photograph of a bed of Spanish iris is one of a dozen which flowered recently at the Pan-American. About one-third of the bulbs failed to flower. This we believe was entirely because they were planted so very late. The bulbs not arriving in this country they were not planted in the ground until very near the end of November and a very hard frost occurred short-



Bed of Spanish Iris at the Pan-American Exposition.

manure to which has been added a liberal amount of bone dust, and put an inch of this on the surface. This will prevent them from drying out and will greatly benefit the plants.

Hedges.

If any of your customers ask you to prune their hedges just now or shorten back their evergreens, do it. It is a good time. It is a mistake to think that this should only be done in the early spring. They have made their growth and now can be trimmed back more or less as taste dictates. I am not an advocate of hedges, but there are places such as line fences where they

ly afterwards. We believe they should be planted if possible by the middle of October, when they will get well rooted before hard winter sets in. They made a beautiful display. The colors were white, yellow and blue.

There is no handsomer spring flower. The bulbs are very inexpensive and quite small, not larger than a crocus bulb. They are beautiful in form, fantastic and orchid like in shape, and the colors desirable. It seems to me that large quantities of these should be planted by all commercial florists who do a cut flower business, being much prettier for cut flowers than either tulips or hyacinths. They are absolutely larly as was proven

by us last winter, being planted very late and in wet soil and succeeded by a very hard winter.

They flowered with us from the middle to the 20th of June, making it rather late to be succeeded by other summer flowering plants, but we believe if planted earlier they would have flowered earlier, or about the first week of June. I think when better known this beautiful flower will be grown most extensively, for as cut flowers they are a great acquisition. The bulbs were sent as an exhibit by Cline & Boddington, of New York. W. S.

CARNATION NOTES.

Housing Carnations.

Many of us like to begin housing our carnations by the later part of this month and preparations should be gotten under way at once. Few of the old plants are worth keeping any longer, and it will pay much better to throw them out at once and get the benches ready to receive the young plants from the field. Sometimes a bench is producing a good many blooms about this time and one hates to throw them out just when they are in crop. We have several times waited until the crop was off, but we were always sorry afterward that we did not sacrifice the few dollars the blooms brought in and throw them out earlier. We have always believed in early planting and each year we plant a few days earlier than we did the year before, and we find it pays.

What a difference there is between our methods of today and those of only a few years ago. The first of September was considered early and many growers did not care to plant before there was danger of hard frost, because, you know, the carnation is a half-hardy plant, and a few degrees of frost do not injure it, apparently. No wonder that good carnation blooms were not to be had until toward spring. Even now you will occasionally find an old fogey who will not dare to plant his carnations before it gets cool in the fall, because seeing that they wilt, even then, he imagines that they would surely die if they were lifted during the hot summer weather, when really they do not suffer nearly so much. The plants do not grow very much during July and August and consequently they are well matured and I might say about half dormant, and the lifting does not cause them to suffer.

But in September, when the nights are cool and the dews are heavy, the growth is rapid and the grass is sappy and tender and the least disturbance of the roots will cause arrest in the flow of the sap and the growth wilts. If the weather happens to be quite warm as is often the case in September a good many plants are lost and those that live take a long time to recover. Another advantage in early planting is that the plants become thoroughly established before the dark days of winter set in and they are in better condition to withstand a siege of adverse weather conditions. It is much better for them to make their main growth inside where they are to remain all winter.

The first crop of blooms, which on late lifted plants comes about in November is never of much account, while if the plants are housed by August 15th they will be producing fine blooms by that

time, and the very best of carnations can be had by Christmas. The reason is that the shoots producing the blooms started and grew uninterruptedly from start to finish, while if the shoots start outside they get just enough check during the transplanting to spoil the quality of the bloom. Don't imagine that the bud has to show before you can injure the bloom which is to follow. Long before it shows the bud is away down in the base of the shoot, and with every pair of blades it comes nearer to the end, until at last it makes its appearance at the end of the shoot, and while it is yet way down in the shoot it can be injured by any check the plant may be subjected to.

Varieties.

What varieties to plant earliest is a question you must decide for yourself. If you want them all to come into crop at nearly the same time you should plant the slow growers (or late bloomers) first; but if you want good blooms as early as possible (like we do) you should plant the early bloomers first and follow with the others as soon as possible, so as to get them all in by August 20th.

Using Manure in the Benches.

There seems to be a great difference in opinion as to whether it is advisable to put any manure on the bottom of the bench before hauling in the soil. Some growers could not be persuaded to do so, while many others always do. We always put about one inch of well rotted cow manure on the bottom, but be sure it is well rotted. Fresh manure should never be used for this. Just as fine carnations are grown without this bottom layer of manure, but we find it saves a good deal of feeding during the winter, and if good judgment is exercised there is no danger in it. Four inches of soil and manure is plenty, and see that the soil is well pulverized, as carnations do not like rough, lumpy soil to grow in. Fresh soil is not to their liking either.

Add about 100 pounds of bone meal to 1,000 square feet of bench surface and rake it into the soil well.

If the soil is dry, water it the evening before you wish to plant. It should be just about as moist as you like to have it for potting, i. e., not wet enough to cake, but moist enough to keep the roots fresh until you water them. Nothing will hurt a carnation more than to be set into dry soil and left without water for an hour or two. Do not lift the plants when the ground is dry, but wait for a rain and then dig as soon as the ground is fit. There are several reasons for this. The ground is more mellow and the roots are not torn so much in the lifting, and then, too, there is usually cooler weather for a week or so, which gives the plants a good chance to recover quickly. Last year several growers around here lifted their plants during a dry, hot spell, and their blooms were poor all winter and some of the benches looked like hay fields a few weeks after they were planted.

Shading.

We shade the houses some while planting and leave it on about a week or ten days, just long enough so you can see that good root action has set in. The first good rain takes it off, as we use only clay and water for this shade. There should be no shade of any kind on the houses after the plants begin to grow again.

The distance between the plants must depend altogether on the varieties and the size of the plants. We find 10 to 12 inches each way a very good distance for most varieties. Plant just as deep as the plants were out in the field. Planting too deep is one of the most frequent causes of stem rot. Leave a small shallow place around the plant to hold water and after you finish planting fill this hole with water instead of watering the bed all over, like many growers do. Syringe overhead a few times each day and keep the walks damp until growth commences and then water more freely at the roots. Let only experienced men do the digging and the planting, as much depends on the selection of the plants as well as on the proper planting.

It takes a practiced eye to select the best plants, and nothing but the very best plants should be housed at all, because if you start with poor plants, where are you likely to land by mid-winter? We like to lift with a small ball of earth about the size of your fist, but if the soil is mellow and moist there is no harm done if it all drops off. Transfer them as quickly as possible, as nothing hurts carnations more than to have the roots dry out, and they do dry out in a very short time, if exposed to the air. A. F. J. BATR.

CHRYSANTHEMUM NOTES.

Pot Plants.

Specimen plants should have their last potting this month and don't let them get pot bound before you attend to the work. The soil for this potting should be well enriched, a good proportion being two parts of fibrous loam to one of well rotted manure, and a nice sprinkle of bone meal or Clay's fertilizer added.

Don't use pots that are too large to correspond well with the size of the plants: a large plant in a comparatively small pot would score many points more in a competition than the same sized plant in a larger pot, because it shows a higher degree of cultural skill.

One point is imperative and that is, have your pots well drained. If the drainage gets choked up when you are feeding with liquid manure later on, the soil will of course get sour, and the delicate root hairs of the plant will rot. Then the leaves will turn pale and sickly and a well finished plant will be out of the question.

With the hurry up methods in vogue in so many establishments the importance of proper drainage of the pots in which special subjects like specimen mums are grown is too often overlooked.

In potting ample room should be left on top of the pot for a mulch to be applied later on, when it can be seen that the plants are ready for it, which will be in three weeks or so after potting.

Wire, or thin bamboo stakes, should be put into the pots where needed to draw the main shoots into their proper position, then when pinching is discontinued the shoots will come away straight without any further twisting into position.

Keep all the shoots closely stopped until the end of this month, after which time pinching must cease or the flowers will come small and poorly finished.



Bed of Crimson Rambler Roses at the Pan-American Exposition.

Don't forget to pot up your single stem pot plants into 6-inch pots as soon as they are ready. The soil should be of the same degree of richness as for the specimen plants. Merza makes a fine pot plant, being dwarf and compact in habit. As a cut flower it is not a success, however, because of the unfortunate habit it has of wilting so quickly after cutting. Why this is I cannot say definitely but I assume it is because the stem gets so hard and woody that the water cannot pass up through the cells to supply the flower with the water it necessarily loses by evaporation.

Bench Plants.

Some of the bench plants are now producing buds and when this occurs rub off the bud and let the plant break away naturally. This it will do at once and when the shoots are long enough for you to see that they are not blind take off all the superfluous ones to throw the strength and energy of the plants into the shoots you wish to retain.

Some varieties exhibit a disposition to produce blind shoots after throwing a bud and these kinds should not be disbudded closely until you are certain that the shoots retained are perfect. Of such varieties I might mention Madam Carnot, Yellow Carnot, Frank Hardy, and Golden Wedding as being among the worst offenders with me.

BRIAN BORG.

BED OF CRIMSON RAMBLERS.

The bed of Crimson Rambler roses at the Pan-American Exposition, shown in the accompanying picture, covers an area of 1,300 square feet, and this bed, as are all the other rose beds, is on the top of four feet of loose clay dumped there about a year ago last June from the excavations of Mirror Lakes. We

owe much of the success of these roses to the quality of the soil, which is a heavy clay loam, well enriched with manure. About 500 plants were received as late as the 8th of June; dormant plants, evidently from a root house, for they were very much dried up and I had little hopes of making them break satisfactorily. They were cut down, all except a few standards, to actually within an inch of the ground. By copious watering, which there was no fear of overdoing, and repeated hoeing, they were at last induced to break. Then they were given a mulch of two inches of rotten manure. The watering was kept up until the end of August, after which we had sufficient rains.

At the approach of severe winter the canes were all pegged down close to the ground, the standards bent down, and the whole covered with six inches of hemlock boughs. I am a great believer in hemlock as a covering for many things, it being far better than straw, and although these canes were very green and succulent almost up to winter there was not a twig lost. As soon as practicable this spring, by the aid of a lot of half inch iron rods, the canes were tied; some horizontally, some in the shape of a bow, and others straight up, which gave the bed a more pleasing appearance. I have never seen such large trusses nor individual flowers. It was a grand sight on the 4th of July. The picture was taken on the 3d, and by careful estimate we found it contained 300,000 flowers.

WILLIAM SCOTT.

PRIVET—EELWORMS.

Replying to the inquiries of J. R. privet hedges may be clipped as frequently as once a month without harm. There is no known remedy for eel-

worms in roses. The best thing to do is to throw out the affected plants and the soil they are growing in and start again with healthy plants and fresh soil. The diseased plants should be burned, to prevent possible infection from them.

CHICAGO TO BUFFALO.

The Chicago Florists' Club transportation committee has arranged with the Wabash railway for transportation to the Buffalo convention of the Society of American Florists, Aug. 6 to 10.

The party will leave Monday, Aug. 5, exact hour yet to be determined, and reach Buffalo Tuesday morning. The committee expects to have an unusually well appointed special train. The rate will be \$13.00 for the round trip, and less should there be any cut in rates by the railroads for that week. The sleeping car fare will be \$3.00 a berth each way. An excellent dining car service is assured.

Florists in the west and northwest are cordially invited to travel with the Chicago party.

Berths may be reserved by addressing any member of the committee as below.

G. L. GRAY,
334 Dearborn St.
P. J. HATSWORTH,
223 Michigan Ave.
E. F. WINTERTON,
45 Wabash Ave.

As a number of those intending to go to Buffalo have expressed a wish to start Monday instead of Sunday the transportation committee of the Chicago Florists' Club has decided to have the club's special train leave on Monday, Aug. 5, instead of Sunday, Aug. 4, as previously announced. The train will reach Buf-

falo early the morning of Tuesday, Aug. 6, giving members of the party ample time to secure hotel accommodations and then reach the convention hall in time for the opening session.

**THE SEVENTEETH
ANNUAL CONVENTION
OF THE
SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS
WILL BE HELD AT
BUFFALO, N. Y.,
AUGUST 6th to 10th, 1901.**

OFFICERS: Pres. Patrick O'Mara, New York; Vice-Pres. Wm. F. Kasting, Buffalo; Sec'y, Wm. J. Stewart, 79 Milk Street, Boston; Treas., H. B. Beatty, Old City, Pa.

The annual dues, \$3.00, may be remitted to the secretary prior to the meeting and thereby avoid the crush at the secretary's desk on the opening day. He will mail receipt and badge for 1901.

The usual rate of one and one-third fares for the round trip on the certificate plan has been granted by the Truck Line Association. By depositing your certificate with the Joint agent at the Exposition on or before August 1st and paying the sum of \$1.00 you may obtain an extension of the return ticket to August 24.

For information about hotel accommodation or rooms address W. A. Adams, chairman, hotel committee, 679 Main Street, Buffalo, N. Y.

In regard to space in the special rate exhibition address Chas. H. Reisch, Supt., 270 Southampton Street, Buffalo, N. Y.

PRELIMINARY PROGRAM.

Tuesday, August 6, 1901.

First Day—Opening Session.

10:30 a. m.—Address of Welcome, Response, President O'Mara's Address, Naming of Exhibition Judges, Reports—Secretary; treasurer; state vice-presidents; legislative; claims and special committees. Miscellaneous business.

First Day—Afternoon.

2 p. m.—Ladies' carriage ride, escorted by ladies of Buffalo Florists' Club.

3 p. m.—Judges will examine and prepare their reports upon Trade Exhibit. Exhibition closed during judg'g.

First Day—Evening.

8 p. m.—President's reception at the Convention Hall. Under the auspices of the Buffalo Florists' Club.

9 p. m.—Lecture, "Horticulture in Japan," with stereopticon views. J. K. M. L. Farquhar, Boston. Refreshments.

Wednesday, August 7, 1901.

Second Day—Morning Session.

10 a. m.—Presentation of New Constitution and By-Laws under Charter.

12 noon.—Selection of meeting place for 1902. Nomination of officers for 1902.

Second Day—Afternoon.

2 p. m.—Annual meeting of Florists' Hall Association of America.

4 p. m.—Meeting of American Carnation Society at Convention Hall.

Second Day—Evening Session.

8 p. m.—Lecture, "Expositions as Educators," with stereopticon views. F. W. Taylor, Supt. Dept. Horticulture at Pan-American Exposition.

Thursday, August 8, 1901.

Third Day—Morning Session.

10 a. m.—Election of officers. Polls open until 12 noon.

10:30 a. m.—A paper, "Flowering plants and Their Treatment for Christmas Sales," W. P. Craig, Philadelphia, Pa.

11:30 a. m.—A paper, "The Old and the New Century in Horticulture," J. N. May, Summit, N. J.

*Third Day—Afternoon,
Shooting Tournament.*

Third Day—Evening Session.

8 p. m.—A paper, "The Fuel Question in Greenhouse Heating," Prof. L. R. Taft, Agricultural College, Michigan. Covering the following points: Amount of each kind of coal required to evaporate a pound of water; amount of each kind of coal required to produce a horse power per hour in establishments using 200, 300, 500, 1,000, 1,500 and 2,000 tons of coal respectively. To be followed by a discussion by Messrs. C. W. Ward, E. Huettner, E. M. Wood, H. B. Beatty, and others.

The Question Box.

The Question Box will be, as heretofore, an interesting feature of the meetings. Members are requested to forward inquiries intended for the box to the secretary previous to the meeting, when practicable, so that they may appear in the regular program.

Friday, August 9, 1901.

Buffalo Florists' Day. Visit to Niagara Falls as guests of the Buffalo Florists' Club.

Saturday, August 10, 1901.

Bowling tournament, 9 a. m., at German American Hall.

BAY TREES.

The accompanying view at the Pan-American Exposition, showing the Charleston Race, with the Horticulture building in the background, is just inside the Elmwood entrance. The view taken is a circular plot and surrounding the statuary are four large pyramid bays and four standard bays, with a few smaller evergreens near the base of the statuary; also eight very fine hydrangeas. The tubs of all these plants are sunk 'in the ground and they have the appearance of being planted out. It is a very striking and pleasing group and the first thing you see entering the gates.

WM. SCOTT.

THE PAST CENTURY.

(CONTINUED FROM ISSUE OF JUNE 27.)

THE DAHLIA.

The close of the century saw the dahlia also very popular. A series of colored illustrations, dating back over seventy years, enables one to realize something of the gradual changes which converted a single flower into a double one. The large show and fancy varieties are still widely cultivated, especially for exhibition purposes; and the pompon varieties have been greatly extended and improved during the last thirty years. About thirty years ago the single-flowered type came to the fore, and numberless new varieties were obtained; they were very popular for a few years, but of late have much declined in the popular estimation. In 1880, Dahlia Juncuzzi—the cactus dahlia—was introduced, and its progeny now form the most popular of all the sections. From the crimson flower first introduced there have come a large number of varieties of many shades and combinations of colors, all retaining the cactus form of the original introduction, and indeed, showing improvements upon it. While the flowers have undergone great improvements, there are yet material defects of habit in many of the newer introductions.

THE HOLLYHOCK.

The hollyhock, of which there were about nine varieties, mainly double, in 1820, was improved by Charles Barno sixty years ago, and later by Paul, Chater, Bireham, Parsons, Rooke and others, until it had attained to great pre-eminence as an exhibition flower. Then about forty years ago came the outbreak of a fungous disease, which decimated collections and caused the total loss of not a few of the finest varieties then cultivated. Of late years the disease, having become less virulent, attempts are being made to restore the hollyhock to something of its old position in the estimation of florists. The single-flowered varieties are also receiving attention as border plants, but their value as decorative agents is in danger of being over-estimated.

THE PANSY.

The old show pansies, the selfs and white and yellow grounds, are now grown but little in the south, though they find favor in the north. The fancy pansy, originated by John Salter, and so much improved by M. Milliez nearly fifty years ago, with their larger, richly colored blossoms and more vigorous growth, are much preferred, and occupy a prominent place in many gardens. Fifty years ago pansy shows were numerous; now the flower does not often find a place in schedules of prizes. The viola, an outcome of the last half century, is now represented by a multitude of varieties, to which additions are being made annually, many of them, it is feared, of inferior character. They are esteemed for flower garden purposes, and in our London parks some of the varieties are seen to great advantage. Unfortunately, comparatively few of the named varieties appear capable of enduring the heat and drought of our recent summers.

THE PELARGONIUM.

The show and fancy pelargoniums, which fifty years ago, Beck, Hoyle, Foster, Gaines, Dobson, Foquette, Ambrose and others, did so much to improve, and Turner later in point of time, have ceased to be regarded with so much favor as greenhouse decorative plants as former ly; and yet they are not difficult to cultivate, and they are singularly showy when in bloom. A section known as large-flowered decorative varieties supply several which are largely grown as market plants; but the show and fancy pelargoniums, once cultivated into fine and imposing specimens for exhibition purposes, are now very rarely seen in this form. The zonal type holds its own as a bedding plant for summer, and as a house decorative plant in the season, and especially for flowering under glass in autumn and winter. The name of Pearson is prominently associated with the improvement of the zonal type for over thirty years; much of the reëment seen in the present day is due to the good work done at the Chiswell Nurseries. From other home sources, and also from abroad, have come many new and novel varieties; and this activity goes to emphasize the fact that the zonal pelargonium has lost none of its old popularity.

With the decline of the riband sty'e of flower gardening came also a lessening of interest in the variegated and bronzed types, and it is certain that they have materially declined in cultivation. New varieties are now very rare indeed.



Bay Trees at the Pan-American Exposition. Horticultural Building in the Background.

The ivy-leaved type and its offspring still enjoy a good deal of popularity, because of their usefulness as decorative plants. The scented-leaved specimens and their varieties are still cared for in places, but it cannot be said they are at present popular plants.

THE PÆONY.

The tree pæonies (*P. Montan*), which came from China in 1789, are also a product of the present century, and the varieties have greatly increased during the past few years, both at home and abroad. Like the *Chrysanthemum*, it is a favorite flower with the Chinese and Japanese gardeners. The remote progenitors of the herbaceous type, *P. albiflora* and *P. officinalis*, have been in English gardens for over three hundred years, but it is only during the last half of the nineteenth century that there has been activity in the production of new varieties, and these appear every year in apparently increasing quantities. Whether grown under glass or in the open, the flowers, which in the case of many varieties are fully doubled, are also surprisingly fine.

THE PENTSTEMON.

The pentstemon is a very popular garden plant; one of its most valuable characteristics is that of blooming to quite late in the year. *P. Cobaea* and *P. Hartwegi*, from which the present fine varieties found in cultivation are believed to have sprung, were introduced since 1820, and thus the development of the flower belongs to the century just closed. An introduction from Mexico, under the name of *P. gentianoides*, was popular in gardens over fifty years ago, and this no doubt proved to be another valuable parent. Our present-day strains of pentstemons are now remarkable for the great size and rich colors of the flowers, so much so, that naming is but little resorted to except in Scotland.

THE PETUNIA.

The finely-formed, striped petunias, which ranked as florists' flowers thirty and forty years ago, have largely disap-

peared, and in their place we have very large blooms of gaudy colors, but showing a great lack of shape and substance. There was no petunia in cultivation in this country during the first twenty years of the nineteenth century, but when *P. violacea* and *P. nyctaginiflora* were introduced, material was supplied from which flowers of high quality and beautifully striped characters were derived. We look back with something like regret upon the named varieties of petunias of thirty and forty years ago. There are a great many double varieties also, and some of them make very useful decorative and market plants. The petunia serves so many useful purposes that it is likely to retain its place in gardens for many years to come.

THE ROSE.

It would require a large volume to do justice to the rose. There was in cultivation at the commencement of the century a very large group of what might be termed garden roses; but we can scarcely be said to have any hybrid perpetual varieties until after 1830, and from 1850 they were improved with remarkable success. The race of tea-scented roses may be said to have begun about much the same time. The hybrid teas began with *Cheshunt Hybrid*, *La France*, and *Captain Christy*, some thirty or so years ago; and Bennett did much to improve the race, assisted by continental raisers. Not a few interesting forms of roses have been introduced from Japan and elsewhere, such as *R. polyantha*, *Rosa rugosa*, and its allies, etc. Garden roses are now highly popular, on account of the variety of form and color, and wealth of bloom found in the section. The banksian and moss roses have lost much of their old popularity, but the China roses still rank high as autumn bloomers. As an exhibition subject, the rose is as popular as ever; but the giant specimen plants which were grown and exhibited a quarter of a century ago appear to have entirely disappeared. In a modern rose garden can now be found a considerable proportion of those denominated garden roses.

BOSTON.

Trade Conditions.

Another week has fluttered gayly by! Not heavily laden with floral business, but giving much time for reflection, philosophic research and moral discipline.

Does our summer trade increase as fast year by year as the winter trade increases? I think not, and am at a bit of loss to wholly account for it. The great increase of the vacation custom may explain a large part of it, since a much heavier percentage of the purchasing class goes away for the summer than formerly. But we never looked for much but funeral work during two or three of the hottest months and the stern old specter, with the hour-glass and "with his sickle keen," never takes a vacation, so why should not the summer business increase more rapidly?

Goods are plentiful enough and cheap enough. Much of an outdoor nature has been coming in this week, such as sweet peas, candytuft, achillea, gypsophila, feverfew, lamifolium lilies, etc. Several small lots of asters also have dropped in casually to inquire how things are going. I hear whispers of a shortage in the main crop of asters, however.

The general cut of glass-grown crops is now fairly good, thanks to cooler weather for the past ten days. But pinks have hard work beating \$1 per 100 very much and ordinary roses have to look pretty sharp to catch 4 cents, some large Kaiserins perhaps reaching a bill per dozen. Not many red ones floating around, and not so very much call for them.

Various Items.

Calvin's old store on Tremont street is being treated to a fine, hard pine floor of best quality, to be covered with an equal grade of linoleum, and this will be followed by elegant new fixtures throughout, taking a month or more for completion of the entire work.

Workmen have excavated a hole forty feet deep under the site of the old horticultural hall. They probably ceased finding any of the money at that depth that Larry dropped through the cracks in the floor at Sutherland's before he got those new specs.

Consider now the trials and vexations of the rose growers, especially if he be one of the many who had poor success all last winter. Anything like real hunger for his goods has disappeared and he sees no release from his predicament for a long time to come. They will rub asters into him now for three months, till he can't see in one eye, and then they will lash him with chrysanthemums till he cannot see with the other eye. Who can blame him at Christmas when all this is over, for solidly planting both feet and striking at every head that shows up on his limited horizon! The only time he can wear spectacles at his belt is from Christmas to July 4.

Several members of the gang have accepted the offer of the Society of Prevention of Cruelty to Animals and gone to their office on Milk street for a straw hat for horses. Will this fashion be followed by a tall hat, gold headed cane, white collar and spectacles for Sundays and holidays? J. S. MANTER.

SOME BUFFALO PRIZES.

The accompanying engravings are from photographs of the cup and vase, offered by the Buffalo Florists' Club as prizes for the best exhibit of plants and cut flowers respectively, at the coming trade exhibition. These cups are silver, gold lined, finely moulded and ornamented, and stand 8 and 22 inches high respectively. They also are suitably engraved.

Regarding the trade exhibition Superintendent Keitsch reports that he has already 34 orders for space with an aggregate of about 5,000 square feet. A goodly number of negotiations are pending and he thinks that by the time the doors are open there will be 100 or more exhibitors and a proportionately large amount of space covered with florists' merchandise.

For information about space, etc., address Chas. H. Keitsch, 270 Southampton St., Buffalo, N. Y.

ST. LOUIS.

Club Meeting.

The July meeting of the Florists' Club was held Thursday afternoon at 3 o'clock and was fairly well attended, there being fourteen present. The meeting was called to order by President Guy. The exhibition committee reported that everything was going on nicely for the fall exhibition. Chairman Meinhardt also stated that, to the committee, the Odeon on Grand avenue was the most satisfactory place in which to hold the next show.

The transportation committee reported that the best possible rate to Buffalo is \$19.25 for the round trip. The club will hold a special meeting on Thursday, Aug. 1, and all arrangements for the trip will be made at that meeting.

The report of the trustees as to the outing was that the picnic would be held at Preister's Park and that there would be music, dancing, boating, bowling and sports of all kinds. Everybody in the trade and their friends are invited to

attend. Everything will be free. Thursday, July 18, is the date.

A vote of thanks was extended to the Belleville florists for their hospitality to us at our last meeting held in their city.

This being the regular meeting for the nomination of officers for the ensuing year the following names were proposed for the various offices: For president, Fred Meinhardt, Charles A. Juengel and F. J. Fillmore; for vice president, F. M. Ellis and George Windler; for secretary, Emil Schray; for treasurer, C. C. Sanders and J. J. Bencke; for trustees, Fred Ammann, Mr. Scott, Hy Emundt, E. W. Guy, Dr. Halsted and R. J. Mohr. The election will be held at the next meeting of the club, Aug. 1, at 3 o'clock.

The Market.

The past week was a very dull one and nothing to speak of is going on. It is perhaps a good thing there is so little business doing as the stock of flowers just now is very poor and scarce. The intense heat of the past two weeks has almost finished roses and carnations and the outside stuff sent in is scarcely saleable. The best of the roses bring \$4 and



Prize Offered by the Buffalo Florists' Club.

from that down to \$1; carnations, 50 and 75 cents; a few fancy, \$1 and \$1.50. The outdoor stock, such as sweet peas, asters and gladioli, in addition to the heat has had to contend with a long spell of rainless weather and has suffered extremely in quality.

The carnation plants outside look very well notwithstanding the unfavorable conditions and most of the growers are exceedingly happy just now.

Notes.

J. D. Carnody of Evansville, Ind., was a visitor the past week. He is looking as well as ever.

Fred Ammann, Edwardsville, Ill.; E. W. Guy, Dr. Halsted and Hy Emundt, of Belleville, Ill., were here calling on the trade the past week.

Charlie Kuehn will by the end of the present week be through with the work of remodeling his place. The wire shop is snugly settled on the third floor, with Willie Holtz in charge. The ground floor with cut flowers and supplies will be in the charge of George and Eddie, the old relatives.

Frank M. Ellis has put in a new show case for his supplies. Frank, with the assistance of "Whitt," is brushing up the place so as to be in good shape for the fall trade.

Henry Berning is also making some improvements at his place which will

be ready in a few weeks for the fall trade with J. W. Kunz and Otto in charge.

J. J. B.

PHILADELPHIA.

The Market.

The cut flower market is quiet now. Not many good flowers are coming to town; nearly all that do come find ready sale at fair prices for midsummer. Funeral orders are still plentiful, creating a demand for white flowers. Roses are worth from \$5 per 100 down; carnations, 50 to 75 cents per 100; a few bring \$1. Sweet peas are nearly over; 25 to 30 cents per 100 is the prevailing price. Hollyhocks are found useful for design work; they sell at \$1 per 100.

The most profitable plant today is Begonia Gloire de Lorraine. This novelty of three years ago, graphically described as "a begonia that is a begonia," is having a great run. It was thought that little plants from thumb pots would be cheap this season; on the contrary, the price has been advancing. Edwin Lonsdale has a fine stock of this plant. He is now very busy propagating it.

Various Items.

Leo Niessen is receiving some excellent Brides and Maids from James Verner, well known as former head-gardener to the late A. J. Drexel. Some very good lily of the valley is also coming in to this commission merchant.

George Anderson is cutting excellent Carnot roses, which bring \$3 to \$4 per 100 and are in good demand.

Charles B. Stahl is growing on his own account at Collingdale. He has as good sweet peas as can be seen in town and will have asters shortly. This is a new departure for a commission man and one that will fill in the time to advantage in the dull season.

O. Ross, Fifth and Butler streets, who for many years supplied some of our florists with sod and wire frames, is dead.

Robert Craig & Son have planted more chrysanthemums than last season. They have just benched one large and several medium sized houses with nice stuff from small pots. The varieties grown are: White, Timothy Eaton, the great prize winning Canadian novelty of last season, Merza and Ivory; yellow, Gold Mine and Golden Beauty; red, Xeno; pink, Maud Dean. All of these are comparatively new sorts excepting Ivory and Maud Dean.

A very interesting house here is the one filled with lilies in 6-inch pots. They are *Lilium tenuifolium alba* and *rubra* and *L. auratum*, the latter in several types. The plants are full of half developed buds which promise a fine crop. These lilies are started outside late in the winter in pots covered with litter; when brought inside after Easter they are well rooted, ready for active growth. They have attained a height of six feet. Some of the auratums have a dozen blooms. These are cut with short stems and make a very desirable flower for making up, especially in wreaths. Besides the staple foliage plants there are some striking fancy caladiums and crotons, new varieties on trial; a very fine lot of pedestal grown Boston fern in 16-inch pans was another feature; 2,000 *Cycas revoluta* in active growth were an indication of the changes through which we are constantly passing.

All the wholesalers will close at 1 p. m. every Saturday from now until August 31.

John Westcott's guests at Waretown unite in describing the "Commodore" as a royal entertainer.

To our bowling team—
True, but not new:

"You may hunt the world all over
As carefully as you please,
But in spite of all you trouble,
You will find no men like these.
There is wit and wisdom, talent and fun,
Good and evil in every one.
They can crack a joke, sing a song
And tell tall lies when the games seem long.
They can loudly laugh at anything queer
And all but kill or fuzzle beer.
When critics gibe they gibe in return,
Many a maiden's heart will burn
When she sees the air of easy grace
And the genial smile on Moss' face.
They are all good feeders, can all "eat pie,"
As the other teams will certify.
They are all heart breakers if not heart whole.
You bet-cher-boots they all can bow!"

PHIL.

CHICAGO.

The Market.

Average conditions have changed but little from last week though there have been various ups and downs in both supply and demand. Last Friday the market was as bare of flowers as it could be. Probably there were fewer flowers on the market that day than ever before during the last dozen years. This was due not alone to the throwing out and replanting of houses, but to the several sudden shifts in temperature from hot to cool and back again to hotter. Wednesday of last week the thermometer reached 102 at 3 p. m. and by 8 p. m. it had fallen to nearly 60. Since then the average has been nearer to 75 and the plants have recovered somewhat, though very poor stock is the rule. Local demand is apparently quite dead, but there is a fair sprinkling of shipping orders, enough to take all stock that will come anywhere near fair grade.

Anything really fair in roses will bring \$4 to \$5, while in carnations 30 cents to \$1 is asked for average run and 75 cents to \$1.50 for good to best white. On Monday sales were good, the retailers having to stock up a little, but on Tuesday there was a relapse, though with no surplus worth mentioning.

The heavy rains that generally accompanied the changes from equatorial heat to cooler weather practically cut out the supply of sweet peas for awhile, but the plants have evidently recovered somewhat, as fair flowers are much in evidence. The price is \$1 to \$1.50 per 1,000. A few hollyhocks are appearing in the market.

Various Items.

Bassett & Washburn have purchased the greenhouses of the Hinsdale Rose Company, Hinsdale, Ill., and after re-voiding them will combine with their other glass. The new acquisition contains about 100,000 square feet of glass, and makes their entire plant aggregate about fifteen acres under glass. In the range now added there are twenty-six houses, and after they have been rebuilt sixteen of them will be planted with carnations, and the remaining ten will be used for growing small plants, mainly roses. The three new houses being built by this firm are now nearly finished. They are all large houses, the three containing 50,000 square feet, and will be devoted to roses and smilax. Mr. Bassett believes more than ever in large



Prize Offered by the Buffalo Florists' Club.

houses and says that no new house will be less than 30x600, and were he to rebuild his older plant he would have no house smaller than the size noted.

C. W. McKellar and Walter Heffron left Wednesday for a two-weeks' fishing and hunting trip during which they will visit various points on and adjacent to Lake Michigan and other lakes. A complete printed list of the guns, fishing tackle and other gear taken along will be sent to inquirers on receipt of \$1 to prepay express charges.

Mr. George F. Crabb, of Crabb & Hunter, Grand Rapids, Mich., was a visitor this week. He took home with him a new foreman in the person of Mr. Charles Duerr, formerly of Park Ridge.

Mr. and Mrs. William Winterson are still at Tacoma, Wash. Their son John, who was so seriously injured in a railroad accident, has recovered sufficiently so that he can now be lifted into a hospital chair, though still unable to leave the hospital.

Mr. E. F. Pieser, of Kennicott Bros. Co., starts Friday or Saturday on his annual summer trip. His first stop will be at West Baden, Ind.

The chimney at the greenhouses of George Harrer at Niles Center was struck by lightning July 4 and considerable damage resulted.

Mr. H. McMichaels, of the Morton Grove Greenhouses, is spending a week's vacation in Iowa.

A regular meeting of the Florists' Club will be held tomorrow (Friday) evening at 40 Randolph street. This will be the last regular meeting until the fall season.

Mr. C. A. Samelson has built a handsome conservatory 24x60 at the rear of his store and the interior of the store is being entirely refinished in solid mahogany. It will be a remarkably rich and artistic interior.

Some additions are being made to the store of Mr. E. Wienhoeber and both

store and conservatory are being freshly painted and decorated.

Bowling.

The four games that completed the bowling tournament were played last Tuesday evening. The Growers won one from the Wholesalers and three from the Seedsmen, and the Wholesalers took two from the Retailers and the latter one from the wholesalers and one from the Seedsmen. The result of the tournament is to give the Wholesalers first place and the Growers second, Retailers third and Seedsmen fourth. The Wholesalers take the first prize of \$7.00 and the Growers the second prize of \$5.00. The John A. Evans prize, a fine bowling ball, goes to Jos. Foerster for highest average. Twelve of the dollar prizes for score of 200 or more, offered by G. L. Grant, were won during the tournament. It has not yet been announced who won the box of cigars offered by Geo. Asmus to the one making the greatest number of spares. The five shirts offered by E. F. Winterson are to go to the five highest men in the final roll off. This is to be 10 games by the 12 highest men in the tournament just closed and the six highest 10 in this are to compose the Buffalo team. The first five of these games are to be played this Thursday evening and the remaining five probably next Tuesday.

Following are the final scores in the tournament:

GROWERS.			
G. Stollery	.....135	127	190 142
Jno. Paulus	.....115	123	146 130
E. Hauswirth	.....129	127	127 127
W. Kreitting	.....159	108	134 132
F. Stollery	.....170	166	133 156
		693	631 735 657

WHOLESALEERS.			
E. F. Winterson	.....135	145	155 135
G. L. Grant	.....107	157	143 198
Jno. Sterrett	.....126	168	146 138
J. W. Scott	.....123	147	146 117
Jos. Foerster	.....118	160	169 192
		617	767 710 788

RETAILERS.			
Geo. Asmus	.....129	132	165 147
O. Kreitting	.....129	107	169 76
P. J. Hauswirth	.....153	140	190 183
E. Enders	.....124	132	146 107
C. Balluff	.....83	133	143 156
		718	684 735 679

SEEDSMEN.			
Jno. Degnan	.....184	156	157 180
J. W. Scott	.....127	107	130 129
M. Foerster	.....122	131	187 108
L. Winterson	.....117	169	127 112
J. P. Sinner	.....150	111	131 145
		676	614 715 654

Following is the standing of the teams in the 26 tournament games:

Wholesalers	Won.	Lost.
Wholesalers	.....26	30
Growers	.....24	12
Retailers	.....19	16
Seedsmen	.....3	23

Following we give the individual averages. The first twelve of these will compete in the final roll off.

	Games.	Total.	High.	Avg.
Jos. Foerster	.....33	5626	212	170
F. Stollery	.....33	5482	208	166
Geo. Asmus	.....33	3285	201	163
G. Stollery	.....33	5339	199	162
P. J. Hauswirth	.....33	5248	219	159
Geo. Asmus	.....33	5215	203	158
Jno. Degnan	.....31	4858	197	158
C. Balluff	.....36	5630	214	156
F. Matty	.....32	4830	185	151
G. L. Grant	.....35	5235	198	150
N. A. Schmitz	.....29	4153	181	143
Jno. Paulus	.....32	4515	181	141
Jno. Sterrett	.....32	3096	175	137
E. Enders	.....16	2994	156	131
C. Hughes	.....24	3141	150	131
W. S. Heffron	.....31	2809	184	128
O. Kreitting	.....27	3818	229	123
W. Kreitting	.....24	2923	130	121
C. W. Scott	.....21	2424	168	115

Now is the time to prepare your advs. for our annual Convention Number to be issued Aug. 8th.

MAKE your arrangements now to attend the convention of the Society of American Florists at Buffalo, Aug. 6th to 10th. It will be a great convention and you can at the same time view the beauties of the Pan-American Exposition.

THE annual Convention Number of the FLORISTS' REVIEW will be issued Aug. 8. Prepare advs. now.

McKellar & Winterson's Annual Clearing Sale.

To reduce our stock of Florists' Supplies we offer the following goods at these greatly reduced prices during the months of July and August only...

Table listing various florist supplies such as Ribbons, Spharium Moss, French Green Moss, and Cypreas Leaves with their respective prices.

Table listing artificial plants, Reams Tissue Paper, Wax Manila Paper, Rolls Crepe Paper, Cape Flowers, Pampas Plumes, and Pot Labels with their respective prices.

In addition to above stock we have an immense stock of Jardinieres, Pedestals, Plant Stands, Fern Dishes, Wheat Sheaves, Plant Tubs, Cut Flower Vases, Flower Boxes, Baskets, Pot Covers, Metal Designs, in fact all leading Florists' Supplies which we are selling out at correspondingly low prices...

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

TO FLORISTS WHO CONTEMPLATE COMING TO THE S. A. F. CONVENTION IN BUFFALO.

It is now July 16, and so far applications for rooms during the convention are coming in rather slowly, with the exception of New York and Philadelphia...

W. A. ADAMS, Chairman, 479 Main Street, Buffalo, N. Y.

READERS will confer a favor by sending in items of trade interest.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

FOR SALE—75 boxes 9x12 D. S. glass, extra thick. Dautel Branch, 3949 Indiana Avenue, Chicago.

WANTED—By August 1st, competent, reliable and experienced grower, capable of managing land and taking charge of four city greenhouses...

WANTED—Greenhouse foreman and propagator; must be a good grower of rose and carnation blooms...

WANTED—A good girl for retail store, with or without experience; good home and steady employment to right party...

WANTED—A second hand hot water boiler; must be in good condition; to heat 2000 ft. of glass...

FOR SALE—Three greenhouses, 20x12; stock complete; steam heat, city water...

FOR SALE—Twenty (20) boxes double and single strain glass, as good as new...

SITUATION WANTED—A competent and reliable working foreman and manager...

WANTED—Glaziers and steam fitters; three houses 23x36 and one 8x36 ft...

FOR SALE—Printing press and type; splendid Colson hand press, 63x-in; also 600 ft of 2-in. six-point Roman and other type...

SITUATION WANTED—By a competent florist; 20 years experience, age 38; good propagator and grower...

FOR SALE—Greenhouse and residence property, opposite two of the largest cemeteries in the Northwest...

WANTED—A middle aged single man, one who understands growing chrysanthemums, carnations and bedding plants...

FOR SALE—One Willis boiler, 42 x 12, in good condition; price, \$30.00...

SITUATION WANTED—By an experienced grower of roses, carnations and mums; good grower of cut flowers...

WANTED—Two young men for greenhouse work; good wages to workers, Morton Grove Greenhouses, Morton Grove, Ill.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass...

WANTED—A young man who can grow good roses and carnations; \$40.00 per month to start...

Wanted--Partner with seven to ten thousand cash. Present owner in poor health and wishes some one interested with him who can attend to inside work and retail business...

PACIFIC COAST, care Florists' Review.

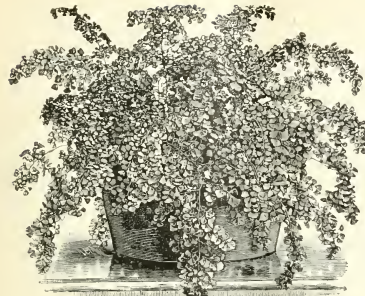
SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age. A Collaborator and Designer second to none, with best references in the country...

Always mention the Florists' Review when writing advertisers.

DREER'S FERNS.

Our stock of Ferns, as usual at this season of the year, is very complete, and now is a good time to stock up for fall and winter use. The plants are all open frame grown, well hardened and in prime condition to ship.



ADIANTUM CUNEATUM.

	Inch Pots.	Per 100	Per 1000
Adiantum Pubescens	2 1/2	\$ 5.00	\$50.00
" Rhomboidum	2	8.00	80.00
" Rhodophyllum	2	5.00	40.00
"	3	8.00	70.00
Aspidium Tsussimense	2	4.00	35.00
"	3	6.00	50.00
Asplenium Obtusilobum	3	8.00	80.00
Cyrtomium Falcatum	2 1/2	4.00	35.00
" Fortunei	2 1/2	4.00	35.00
Davallia Filix-nigra Plumosa	2 1/2	6.00	60.00
"	3	10.00	100.00
"	4	15.00	150.00
" Stricta	2 1/2	4.00	35.00
"	4	12.00	120.00
" Pentaphylla	3	8.00	80.00
Dicksonia Antarctica	4	15.00	150.00
Doreopteris Nobilis	6	60.00	600.00
Doodia Aspera Multifida	2 1/2	4.00	35.00

	Inch Pots.	Per 100	Per 1000
Laetrea Aristata Variegata	2 1/2	\$ 4.00	\$35.00
" Chrysoloba	2 1/2	4.00	35.00
Lomaria Ciliata	2 1/2	4.00	35.00
" Gibba	2 1/2	4.00	35.00
Microlepia Hispidia	3	6.00	60.00
" Hirta Cristata	2 1/2	6.00	60.00
Nephrodium Hertipens	2 1/2	4.00	35.00
Nephrolepis Bostoniensis	2 1/2	4.00	35.00
"	6	30.00	300.00
" 12-in. pans	6	20.00	200.00
" Phillipense	4	15.00	150.00
" Pectinata	4	15.00	150.00
" Cordata Compacta	2 1/2	4.00	35.00
Nipholobolus Lingua	4	15.00	150.00
Nyctehium Japonicum	2 1/2	4.00	35.00
Platyoloma Falcata	3	6.00	60.00
Polypodium Arceum	2 1/2	4.00	35.00
" Polypodium	2 1/2	4.00	35.00
" Areolata	2 1/2	4.00	35.00

	Inch Pots.	Per 100	Per 1000
Adiantum Frunlum	3	8.00	80.00
" Bellum	3	8.00	80.00
"	3	8.00	80.00
" Haussel	3	8.00	80.00
" Capillus-Veneris Martiana	3	15.00	150.00
" Cuneatum	2	3.50	35.00
"	3	6.00	60.00
"	4	8.00	80.00
" Grandiceps	5	15.00	150.00
" Decorum	4	12.00	120.00
" Farleyense	2	4.00	40.00
"	3	15.00	150.00
"	4	40.00	400.00
" Fergusoni	5	70.00	700.00
" Formosum	3	8.00	80.00
" Gracilimum	2	4.00	40.00
" Mundulum	2	4.00	40.00
" Lathomi	2	10.00	100.00
Polytaichium Coreaceum	2 1/2	5.00	50.00
Pteris Adiantoides	2 1/2	4.00	35.00
" Argyrea	2 1/2	3.50	35.00
" Cretica Alba Lineata	2 1/2	3.50	35.00
" Binaria Argentea	2 1/2	4.00	35.00
" Magnifica	2 1/2	3.50	35.00
" Hastata	2 1/2	3.00	30.00
" Internata	2 1/2	3.50	35.00
" Lepidophylla	2 1/2	3.50	35.00
" Ovarradii	2 1/2	3.50	35.00
" Serrulata	2 1/2	3.00	30.00
"	3	3.50	35.00
" Sieboldi	2 1/2	3.50	35.00
" Palmata	2 1/2	3.50	35.00
" Victoria	2 1/2	3.50	35.00
" Cristata	2 1/2	3.50	35.00
" Volvula	2 1/2	3.50	35.00
" Wimssetti	2 1/2	3.50	35.00
Sellaginella Emilliana	2	2.50	25.00
" Denticulata	3	5.00	50.00
" Krauseana Aurea	3	5.00	50.00

SPECIAL PRICES will be furnished for large quantities on application. For a full line of Decorative Plants and other Seasonable Stock see our Quarterly Trade List.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

BUFFALO.

Business has been good for this usually dull time. The Exposition must account for that. It is rather difficult now to cut good carnations or roses. Sweet peas are at their best, and Lilium lancifolium are coming in, which is a change for some purposes.

The last meeting of the Florists' Club was small, but very earnest and the active heads did a great deal of important business. We have received by this morning's mail from Secretary Stewart a program of the Buffalo convention, and it reads well. To those who may not receive one I will say that the entertainment part of it consists of a carriage ride round the city and park in the afternoon on the first day, for the ladies, and incidentally some refreshments. It will be strictly confined to ladies and men who are known to be especially ladies' men. Such types of that sort as John Esler, J. D. Carmody, William R. Smith and Warren Ewell. The president's reception in the evening. Thursday afternoon the shooters will have the r innings and on Friday a special train of forty-two cars will take the bunch to the Falls of Niagara. We had considerable difference of opinion about this trip, but I believe we have decided wisely. Who will come to Buffalo from any distance without visiting this great wonder? For it is like the other good and great things on earth, it improves with acquaintance, and those who have never seen it must see it.

On Saturday the bowlers will have the

Burpee's Seeds Grow

whole day. In addition to the several valuable fine cups to be fought for, there is the Pierson cup for the highest individual aggregate score, and besides that half a dozen other valuable prizes, to be distributed for those rolling up in spares, strikes and high scores in first, second and third games. There are also two fine prizes for high scores in shooting, besides the team shoot.

I intend to tell your readers before they start for Buffalo a little about the Midway. It is the greatest "whatever was" and there are shows and shows. Perhaps instead of publishing this it would be wiser to give the program to William J. Craig, as he could be entrusted to be a good chaperon and avoid all that was not strictly proper.

We are sorry to see our friend Mr. C. E. Christensen laid up with a bad attack of rheumatism. We hope he will be round again in time to show his genial self to the visitors. I want to take this opportunity to say that our friends visiting the Exposition city either during the convention week or any other time should be sure and give a deaf ear to any agents that may accost you on the train or at the depots. They are the agents of most undesirable

50,000 Geraniums! AT REDUCED PRICES.

If you are in need of any of the following stock get your orders in at once and we will furnish you with strictly first-class stock in any quantity for little more than cost.

GERANIUMS. S. A. Nutt, best double crimson; Brunati, semi-double scarlet; Grant, double scarlet. Strong plants from 2 1/2-inch pots, \$1.25 per 100, \$12.50 per 1000. Frances Perkins, double pink; Beante Folvaine, semi-double salmon; E. G. Hill, single salmon; La Favorite, double white; J. M. Gaar, single white; Mme. Jaulin, semi-double, pink center, white tip; Mme. Broust, Strong plants from 2 1/2-inch pots, \$1.50 per 100, \$15.00 per 1000. All the above varieties in rooted cuttings, \$1.00 per 100, \$9.00 per 1000.

NOTICE. The above stock is guaranteed strictly first-class and worth twice the money.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill. Mention The Review when you write.

ble places. Buffalo has accommodation for 100,000 people outside the hotels, in the most desirable parts of the city and in the most respectable and comfortable homes, and to find yourself in these homelike and good surroundings trust yourself to Mr. W. A. Adams.

W. S.

CINCINNATI

Various Items.

There was very little doing among the florists during the past week and what little there was gave the craft more trouble than all the winter's business put together. This is due to the scarcity of suitable stock. Most of the carnation growers are throwing out the old plants and cleaning up their houses for fall planting. Wm. Murphy made his last cut last Saturday and George Murphy has thrown out everything save white, which are in fine demand and bring a good price.

It is a wonder that more florists do not make arrangements to have some white carnations to cut at this time of year. There is always a demand for them and prices obtained make them decidedly profitable.

Tuberoses are beginning to come in now and asters will be coming about the last of this week. They will be more than welcome as they will in some respects take the place of carnations. The aster bugs have been at work at some places and these together with the scorching weather have made some aster beds look pretty sick.

The hot weather still continues, with no relief in sight. It is now some three weeks since we have had a good rain and the ground is baked hard. The country roads are thick with dust and it is anything but a pleasure to have to travel over them. The water supply at several establishments is beginning to give out and the job of hauling water is not to be sought after.

Letters have been received from a good many out-of-town florists stating their intention of attending the S. A. F. O. H. convention at Buffalo. Some are already on the way; but they intend to make short visits to some of the lake cities before arriving at Buffalo.

The florists' outing takes place on Thursday, the 18th. Some nice prizes are entered for the different events and a general good time is expected.

Mrs. Mary Schwab, one of the oldest of the women florists of this city, died on Thursday of the past week, of dropsy. She was sixty years old and had been in the florist business for twenty-one years. She operated two stores, one on Vine street and the other on a twelfth street. The Vine street establishment she recently sold to Mrs. Thomas, but the Twelfth street place she was still running at the time of her death. She leaves five girls and one boy to whom the sympathy of the craft is extended. The funeral took place Saturday morning.

Recent visitors to this city are Mr. John Evans, the ventilator man, and S. S. Skidelsky, of Philadelphia.

C. J. OHMER.

SPOKANE, WASH.—The rose fair held June 26 was very successful, the display being unusually good and the attendance large.

ESCANABA, MICH.—C. Peterson & Sons report that trade has been very good in both cut flowers and plants. Their stock of plants was entirely cleaned out.

ST. PAUL, MINN.—It is reported that Prof. Fred Washburn, state entomologist at Washington, will succeed the late Dr. Otto Lagerer at the State university.

E. H. HUNT

THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
and Dealers in **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,**Wholesale Florist****Don't forget we are at 4 WASHINGTON****STREET, CHICAGO.**

Write for special quotations on large orders.

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

**Roses and
Carnations
A Specialty....****WHOLESALE
GROWER OF****CUT FLOWERS****PETER REINBERG,****Grower and Wholesaler of Cut Flowers**600,000 FEET OF GLASS.
Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

C. A. KUEHN **WHOLESALE
FLORIST**

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

**The Cincinnati
Cut Flower Co.,**416 Walnut St., Wholesale Florists,
CINCINNATI, O.

Consignments Solicited.

Special Attention given to Shipping Orders.

Mention The Review when you write.

E. C. AMLING**THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.**

32, 34, 36 Randolph St.

CHICAGO, ILL.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Manager.

**WHOLESALE AND
COMMISSION Florists.** Consignments
Solicited.

35 Randolph St. CHICAGO.

Mention The Review when you write.

WIETOR BROS.**Wholesale
Growers of Cut Flowers.**All telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO

Mention The Review when you write.

Otto Hansen,

1056 North 62nd Avenue, CHICAGO.

SMILAX,GOOD STRONG PLANTS, from 2½-inch pots,
\$12.50 per 1000.

Mention The Review when you write.

**H.G. Berning****WHOLESALE
FLORIST,**1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,**Wholesale Florist,**

1316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

Nephrolepis Wittboldii

You already know what Henry A. Dreer, Philadelphia, and A. J. Baldwin, Newark, O., think about Nephrolepis Wittboldii. Here is what the E. G. Hill Co. say about it:

The E. G. Hill Co.,

Wholesale Florists.

Richmond, Indiana, June 24th, 1901.

The Geo. Wittbold Co.,
Chicago, Ills. 1657 Buckingham Place.

Gentlemen: We are greatly pleased with your new Fern "Wittboldii" and predict for it great popularity. Our plants are now showing their true character, and it is hard to conceive a more beautiful plant. The fronds will certainly be in great favor for cut purposes.

Yours truly,
The E. G. Hill Co.

We are still supplying strong plants of Nephrolepis Wittboldii, "The Great Fern of the Future," at \$1.00 each, \$10.00 per doz.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

WEILAND - AND - RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. / GEO. M. KILLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS** in quantity.

TRY US.

BRANT & NOE 124-128 Sixth Street N.

Mention The Review when you write.

ASPARAGUS P.N. from flats, per 100, \$1.75; per 1000, \$18.

Celery, Golden Self-Blanching and White Plume, \$1.00 per 1000. Plants from seed bed now ready. Pepper, Ruby King, 80c per 100.

Bignonia Vines, 3 years, field grown, per doz. \$1.50

Cash Please. Mrs. GRISWOLD WORTHINGTON, O.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**
FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Mention The Review when you write.

One Chance in a Thousand

To get stock of **Well-Tested Novelties** of 1899, 1900 and 1901 varieties: Amihal, Dr. Despres, H. De Parville, Madagascar, Rene Bazan, Jean Labor, Prediction, Jules Claretie, Apothose, La Fraicheur, Cimarosa, Emanuel Arene, Manteau De Feu, Mme. Goyeux, Profusion, Dr. Beaumetz, Mme. L. Noisette, Thos. Meehan, Mme. Landry, Jean Vland, Mark Twain, Dryden, Bellerophon, Clyde and Jules Lemaitre, from 2 1/2 and 3-inch pots. The entire collection of 25 varieties, including one **Little Pink**, for **\$2.50**. Also Standard Varieties from 3-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Heteranthe, Nutt. W. E. HALL, CLYDE, OHIO.

Mention THE REVIEW when you write.



NEW CROP FANCY AND DAGGER FERNS

\$1.00 per 1000. Discount on large orders. Also **GREEN and BRONZE GALAX, A No. 1 Stock.**

We never run out of stock.

Place your orders with us we can fill them in any amount. Write for prices on Galax.

HENRY M. ROBINSON & CO.

Tel. 2618 Main, 36 Court Sq., Boston, Mass.
Mention The Review when you write.

Always Mention the...
Florists' Review
When Writing Advertisers

PREPARE **NOW** FOR THE ANNUAL ADVS.

Convention Number of the Florists' Review,

To be Issued AUGUST 8th.

ONE DOLLAR FIFTY PER 1000 FOR **BRONZE**

GALAX LEAVES, Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

CLASSIFIED ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERA.

XX Alternanthera. Three varieties, red and yellow, \$2.00 per 100; \$15.00 per 1000; fine bushy plants. Three large Cycas Revoluta and other large palms. Will sell for half price to make room. J. J. Brozot, 522 Central Ave., Newark, N. J.

20,000 Alternanthera's. Paronychoides major and aurea nana; 150 grown in boxes; \$2.00 per box. Cash with order. Herman Maenner, Masspet, N. Y.

Par. major and Aurea nana, \$2.00 per 100; \$15.00 per 1000. John Scott, Kemp St., Greenbrooks, Brooklyn, N. Y.

Alternantheras, red and yellow, 2-in., \$2.00 per 100. Cash. Greene & Underhill, Water-town, N. Y.

Alternantheras, red, \$1.50; yellow, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, fine pink, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ALYSSUM.

Alyssum, dbl. Giant, 2-in., \$2.00; 2½-in., \$3.00; 3-in., \$4.00. Rooted cuttings, \$1.00 per 100; \$5.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Alyssum, Double Giant, 2-in., \$2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. A bargain. 40 4-year-old roots, \$12.50 per 100, or the 800-500 strings, sold for want of height to grow. Will cut from 5 to 10 in. long this year. Will cut more and longer next. Cash with order. H. P. Owen, Touchkemonan, Pa.

Asparagus, 3-in. pots, per 100; Sprenger, \$2.00; Plumosus, \$2.50; decumbens, \$3.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

ASPARAGUS PLUMOSUS NANUS. Cut strings 8 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, from Hats, \$1.75 per 100; \$15.00 per 1000. Cash. Mrs. Griswold, Worthington, Ohio.

Asparagus Sprenger, 2-in., \$2.00 per 100. Plumosus \$2.50 per 100. Cash with order. L. Ulrich, Tiffin, Ohio.

Asparagus plumosus, 3-in., \$5.00 per 100; \$40.00 per 1000. Send for sample. A. M. Herr, Lancaster, Pa.

A fine lot of 3-in. Sprenger at \$5.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Asparagus Sprenger, per 100; 2-in., \$1.50; 2½-in., \$2.00. M. J. Coventry, Fort Scott, Kan.

Asparagus plumosus nanus, fine, 2½-in., \$1.50 per 100; Cash Mrs. E. Kuntz, Frankfort, Ind.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus Sprenger and plumosus. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes. A. S. Maclean, Lakewood, N. J.

Asparagus Sprenger, seedlings, \$1.00 per 100. E. I. Hawkins, Quakertown, Pa.

ASTERS.

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TO CLOSE OUT—Cannas, Austria, out of 4-in. pots, \$4.00 per 100; Burbank, Italia, Austria, from bench, \$3.00 per 100; mixed, in good varieties, \$2.00 per 100. Alternantheras, Red and Yellow, \$1.00 per 100; \$8.00 per 1000; California started out of 4-in. pots, \$4.00 per 100; Begonias, in best varieties, 2-in. pots, \$2.00 per 100; Tuberous rooted, good stock, \$5.00 per 100. Satisfaction guaranteed. Cash with order. GEO. L. MILLER, Newark, Ohio.

NOW LEFT:
20 assorted VERANDA VINES, pot grown, 4 and 1 ½ years old; AKEHIA QUINATA, WISTARIA, HONEYBUCKLE and CLIMBING ROSE, 7 ½ and \$1.00 each;
200 ENGLISH IVIES, \$12.00 per 100; \$1.00 per doz.
100 ENGLISH IVIES, 8 ft. long, \$3.00 per doz.
100 VINCA VARIEGATA, 4-in. pots, \$1.75 per doz.
100 GERMAN IVIES, 3-in. pots, 5¢ each.
200 CANNA Austria, 4-in. pot, and Henderson, \$5.00 per 100.
1000 APHELIATUM, blue, \$2.00 per 100.
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200 ECHEVEERIA GLAUCA, \$3.00 per 100.
200 single FERTUNA, fine strain, 3-in. pots, \$7.00 per 100.
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 - 50 Rose Geranium, 4-in. 3.00
 - 75 Single Pink Geranium, 3-in., bud and bloom, 3.00
 - 75 Double Geraniums, 2½-in. 2.00
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Cannas, 5000 Chas. Henderson, 100 Burbank, 3½ and 4-in. pot, \$5.00 per 100. 1000 Colias, Verschaffeltii and Golden Bedder, \$2.00 per 100. Geraniums, 1-in. Double Gem, 4-in. pots, \$5.00 per 100; \$40.00 per 1000. 100 S. A. Nutt, 2½-in., \$1.00 per 100. 100 Glory de France, 3-in. 4-in., \$1.00 per 100. Theodore Searies, Box 303, Port Chester, N. Y.

Alternantheras, A. Nana, 2-in. pots, \$1.25 per 100, \$10.00 per 1000; Heliotropes, 2-in. pots, \$1.50 per 100; Ageratum, 3-in. pots, Pauline, and other, \$1.00 per 100; Sweet Alyssum, 2-in. pots, \$1.50 per 100; Cannas, Henderson, 3½-in. pots, \$5.00 per 100. Cash with order. C. A. Harris Co., Delanson, N. Y.

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Fine palms, Kentia Borbonica, from 2 1/2-in. pots, \$2.50 per 100; \$20.00 per doz.; 3-in. pots, \$7.00 per 100; 4-in. pots, \$15.00 per 100; \$2.00 per doz.; 5-in. pots, \$20.00 per 100; \$4.00 per doz.; 6-in. pots, \$50.00 per 100; \$7.25 per doz. Kentia Borbonica, from 2 1/2-in. pots, \$2.50 each and upward; according to size. Kentia Forsteriana and Belmoreana, from 2 1/2-in. pots, \$3.00 per 100; 3-in. pots, strong, \$15.00 per 100; 4-in. pots, \$30.00 per 100; 5-in. pots, \$45.00 per 100; 6-in. pots, \$70.00 per 100. Phoenix Reclinata, 4-in. pots, \$25.00 per 100; 5-in. pots, \$35.00 per 100; 6-in. pots, \$50.00 per 100; 7-in. pots, \$70.00 per 100. Phoenix Reclinata, 4-in. pots, \$25.00 per 100; 5-in. pots, \$35.00 per 100; 6-in. pots, \$50.00 per 100; 7-in. pots, \$70.00 per 100. Phoenix Reclinata, 4-in. pots, \$25.00 per 100; 5-in. pots, \$35.00 per 100; 6-in. pots, \$50.00 per 100; 7-in. pots, \$70.00 per 100. Phoenix Reclinata, 4-in. pots, \$25.00 per 100; 5-in. pots, \$35.00 per 100; 6-in. pots, \$50.00 per 100; 7-in. pots, \$70.00 per 100.

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These plants are all in strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent is given on all orders accompanied by cash.

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Fandanus Vitellus. We have an exceptionally fine stock of this at 1 1/2 in. Plants are exceedingly well colored, having been grown cool and hard, and they will give splendid satisfaction, they are the very best possible shape and will please the most critical buyers. 5-in. pots, \$1.50 in high and up... \$9.00 per dozen. 6-in. pots, 15 to 18 in. high... \$12.00 per dozen. 7-in. pots, 20 to 22 in. high... \$18.00 per dozen. 8-in. pots, 24 to 26 in. high... \$24.00 per dozen. F. R. Pierson Co., Tarrytown, N. Y.

Fresh seeds of Kentia Belmoreana or Forsteriana, 50c per 100; \$6.00 per 1000. Cocos Weddelliana, 75c per 100; \$7.50 per 1000. H. H. Bland & Co., 47 Barclay St., New York.

Fresh seeds of Kentia Belmoreana and Forsteriana at \$4.50 per 1000; 5000 and up \$4.00 per 1000. Areca Lutescens, \$5.50 per 1000; 5000 and up \$5.00 per 1000. J. C. Thorburn & Co., 36 Cortland St., New York.

Fresh Kentia Belmoreana seed, 10c per doz.; 50c per 100; \$4.00 per 1000. Lantana Borbonica, 10c per doz.; \$1.00 per 100; \$7.00 per 1000. Johnson & Stokes, 217 Market St., Philadelphia.

Phoenix canariensis, good plants from 5 and 6 in. pots, \$2.00 per doz. W. B. Sande, Lake Island, Baltimore, Md.

Palms. Lantana Borbonica, 4-in., \$15.00 per 100. Cash. G. W. Weatherly, Chillicothe, Mo.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds." Fine strain of large-blooming pansies, 50c per 100 by mail; \$4.00 per 1000 by express. Cash with order. Thmas S. Dutton, 82 West 12th St., Holland, Mich.

PETUNIAS.

Petunias, single, 2 1/2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

PLANT LISTS.

VERBENAS. Unspurred varieties, vigorous stock, head and bloom. 100, 1000. Best Mammoths, strong pot plants, \$3.00 \$25.00. Order Mammoths, strong pot plants, 2.50 20.00. Riddersmaid, Bon Silens, Catherine Mermel, Duchesse of Albany, Golden Gate, Maid of Honor, Perle des Jardins, Sunset, The Irlie, from 2 1/2-in. pots, \$4.00 per 100; \$25.00 per 1000; from 3-in. pots, \$7.00 per 100; \$60.00 per 1000. Chrysanthemums, rooted cuttings. Adula, Autumn Glory, Black Hawk, Dolores, Dorothy Devena, Eureka, Elvena, Evangeline, H. L. Sundebrach, Idovian, Java, Maria Jones, Minnie Wannanaka, Mrs. Helen Bloodgood, H. W. Reiman, Harry May, Ivory, J. H. Woodford, J. E. Lager, J. H. Troy, Mrs. H. Weeks, Mrs. J. Burdick, Silver Wedding, Maud Adams, Mrs. S. T. Murdock, Miss M. M. Johnson, Modesto, Merry Monarch, Marghan Henderson, Mrs. Bonafonte, Mrs. S. Humphreys, Margaret Graham, Mme. Fred. Bergman, Minerva, Niveus, Riverside, Rose Owen, Thos. H. Brown, W. H. Lincoln, Yellow Ivory, Yellow Fellow. Price, from 2 1/2-in. pots, \$3.00 per 100. Rooted cuttings, \$1.50 per 100.

Miscellaneous Plants. Ready for immediate sales:

- Antemis, Dbl. Golden Marguerite, 2 1/2-in. \$3.00
Ageratum, blue and white, 2 1/2-in. \$2.00
Agrostis, Princess Pauline, 2 1/2-in. \$2.00
Cupress, Platyceras, 2 1/2-in. \$1.00
Colum, all the leading varieties, 2 1/2-in. \$2.00
Coneas, the best leading varieties, 2 1/2-in. \$2.00
Geraniums, double and single, strong, 3-in. \$5.00
Geraniums, single var. or color, 2 1/2-in. \$3.00
Geraniums, Ivy, fine varieties, 2 1/2-in. \$2.00
Hellebore, light and dark, 2 1/2-in. \$2.00
Hydrangea Otakua, in bud and bloom, 4 in. \$25.00
Ivy, German, 2 1/2-in. \$2.00
Lantanas, best variety, 2 1/2-in. \$2.00
Lupinus, 2 1/2-in. \$2.00
Violets, Marie Louise, \$25.00 per 1000; 2 1/2-in. \$3.00
Vines, Variegata and Elegans, strong, 3-in. \$6.00
WOOD BROS., Planklin, N. Y.

PRIMROSES.

Chinese primroses, double and single, select strains, strong plants, 2 1/2-in., \$2.00 per 100; Primula Forbesi (Baby Primrose), 2 1/2-in., \$2.00 per 100; Primula obconica, 2 1/2-in., \$2.00 per 100. Murray The Florist, 402 Main St., Peoria, Ill.

Chinese primulas, mixed and white, 2 1/2-in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

Primroses, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Primrose plants ready in August. John F. Rupp, Shiremanstown, Pa.

Baby Primroses, 2-in., \$1.50 per 100. M. J. Coventry, Fort Scott, Kan.

ROSES.

Roses. Extra fine plants on their own roots for winter forcing. Brides, Maid, Meteor, Kaiserin, Golden Gate, Perle, 3-in., \$7.00 per 100; 4-in., \$10.00 per 100. Liberty, 3-in. \$8.00 per 100; 4-in., \$12.00 per 100. Grafted Liberty, 3-in., \$15.00 per 100. Our Liberty roses, both grafted and on their own roots, are in extra fine condition and perfectly healthy. No black spot.

J. L. DILLON, Hoomeburg, Pa.

We have a surplus of Brides and Maids in 2 1/2-in. pots, \$2.00 per 100; 3-in. \$3.00 per 100. This is first class stock, grown for our own planting, and is in fine shape. We can also supply a few Meteors.

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Av., CHICAGO, ILL.

Surplus roses. We have the following in 3-in., grown for our own planting, which are strong and strictly to please: Maids and Meteors, \$2.00 per 100; Brides, \$3.00 per 100. G. Van Choever, Brno, Salamaaz, Mich.

CLEARING SALE OF ROSE PLANTS.

We have the following plants for sale at about the cost of packing: Per 1000. 1500 Beauties, 3-in., \$20.00 2000 Brides, 3-in., \$24.00 2000 Meteors, 2-in., 16.00 6000 Maids, 3-in., 30.00 7000 Meteors, 2-in., 15.00 2000 Perles, 3-in., 30.00 1700 Liberty, 4-in., 29.00 500 Maids, 4-in., \$3.00 per 100. 400 Liberty, 4-in., \$6.50 per 100.

Order for 100 or a small lot and be filled at 1000 rate. Remember that the stock is of the best, and we guarantee same or money will be refunded.

BASSETT & WASHBURN, Hinsdale, Ill.

Healthy Rose stock! Brides, Meteors, Maids, Perles, 3-in., \$3.50 per 100, \$25.00 per 1000; 2 1/2-in., \$2.50 per 100, \$22.50 per 1000. Guaranteed in quantity. Brides and Maids as fine as any stock in the country. Order a sample lot of 100 and see for yourself. W. H. Gullett & Sons, Lincoln, Ill.

ROSE PLANTS.

Beauties, 3-in. pots, \$2.00 per 100 Bridesmaids, 2-in. pots, \$1.00 " Kaiserins, 2 1/2-in. pots, \$1.50 " Fine healthy plants. Mann & Brown, Richmond, Va.

PINK GOLDEN GATE is offered by several good growers and by ourselves at \$2.00 per 100. Try 100 of their plants, or ours, 80 you will be satisfied. Write for prices as fine as any stock in the country. See adv. on page 89, issue of June 18, 1902. Rose Co., Washington, D. C.

Roses from 5-in. pots at \$c. Fine, clean plants, all the latest, Gen. Jacquemont, H. La France, Coquette des Blancs, Coquette des Blancs, Malmouille, Lady Emily Peel, etc.; Queen of the Straits, fine size, at \$c. W. H. Salter, Rochester, N. Y.

SPECIAL Meteor rose plants, 3-in., \$30.00; 2-in., \$20.00 per 1000. Write for special price on large quantities. Brides, Maids, Meteor and Golden Gates at \$20.00 per 1000. J. A. BUDLONG, 37-29 Randolph St., CHICAGO, ILL.

ROSES. WESTERN FLORISTS! We offer 1500 4-in. American Beauties at \$6.00 per 100; \$30.00 per 1000; 2000 2-in. \$5.00 per 100, \$40.00 per 1000; 2000 3-in. Perles, \$2.00 per 100, \$20.00 per 1000.

MEMPHIS FLORAL CO., Memphis, Tenn.

We have on hand the following stock in A No. 1 condition, 2 1/2-in. pots, for sale at 1000 rate. 1000 American Beauty, 3000 Perle De Pew Bros., cor. Depew and Piermont Aves., Nyack, N. Y.

Brides, Maids, Perles, Meteors and Gates, 2 1/2-in., \$2.00 per 100; 3-in., \$3.00 per 100; 3 1/2-in., \$4.00 per 100; 4-in., \$5.00 per 100. Foehmann Bros. Co., Chicago, Ill.

We have finished planting and have a surplus of 2000 Brides and Bridesmaids in 2-in. pots, which we will sell for \$15.00 per 1000, as we have no room. H. W. Wieland, Newtown, Bucks Co., Pa.

Roses. Good healthy plants of Kaiserin Augusta Victoria, 2-in., \$4.00 per 100; \$35.00 per 1000; 3-in., \$5.00 per 100; \$45.00 per 1000. Cash with order. M. A. Magnuson, 3309 No. Western Ave., Chicago.

All the leading varieties of roses in 2 1/2-in., 3-in., 4-in., \$2.00 per 100; \$20.00 per 1000. Satisfaction guaranteed. Write for special prices on large lots. Geo. A. Kuhl, Peekin, Ill.

1000 American Beauty, 4-in. pots, \$12.00 per 100; \$100.00 per 1000. 500, 3-in. pots, \$7.00 per 100; \$75.00 per 1000. All fine large plants and perfectly healthy. A. L. Thorne, Fishkilling, N. Y.

ROSES—800 Brides, in 4-in. pots, \$5.00 per 100; 600 Bridesmaids, in 4-in. pots, \$5.00 per 100. The stock is first-class in every way, cash with the order. M. B. Maguire, Madison, N. J.

ROSES TO CLOSE. 125 American Beauties, 3-in., 2c each; 400 Bridesmaids, 400 Perles, 400 Kaiserins, \$2.00 per 100; \$20.00 per 1000. Cash with order. M. B. Maguire, Baltimore, Md.

Forcing Roses, per 100: Bride, 2 1/2-in., \$2.50; 3-in., \$4.00. Bridesmaid, 2 1/2-in., \$2.50; 3-in., \$4.00. Perle, 2 1/2-in., \$2.50; 3-in., \$4.50. The National Plant Co., Dayton, Ohio.

Roses. We have a few Brides, Bridesmaid, Morgan and Liberty roses, on our own roots, in extra fine condition and perfectly healthy. J. W. Howard, Woburn, Mass.

Bride and Bridesmaid, from grafted plants potted in sterilized soil, from 4-in. pots, \$5.00 per 100. Geo. J. Parker, 807 Washington St., Dorchester, Mass.

Fine, strong plants of Brides, Bridesmaid and Golden Gate roses, 2 1/2-in. pots, \$2.00 per 100; 3-in. pots, \$3.00 per 100. Mrs. J. W. Crouch, Chattanooga, Tenn.

Bride and Maid roses, extra fine, 3-in., \$4.00 per 100; \$35.00 per 1000; 4-in., \$6.00 per 100; \$45.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

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American Beauty roses, strong plants from 4 and 5-in. pots, \$10.00 per 100. Order now, Robert Scott & Son, Sharon Hill, Del. Co., Pa.

FRY
For forcing, 2500 Brides and Maids, 3 1/2-in. pots, fine plants, \$5.00 per 100. Cash with order. E. Walker & Co., New Albany, Ind.

GOLDEN GATE Roses, fine, thrifty 3 1/2-in., \$4.50 per 100; 2 1/2- and 2 3/4-in., \$3.00 per 100. Harkeet's Floral Nursery, Dubuque, Iowa.

Manetti stocks. If ordered now, you will receive them early. Best at \$2.00 per 1000. Elizabeth Nursey Co., Elizabeth, N. J.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bohbak & Aldrich, Rathfriland, N. J.

Meteor, Brides and Maids roses, 3 1/2-in., \$2.50 per 100; \$3.00 per 1000. Very choice. Brant & Noe, Forest Glen, Chicago.

Roses. Brides and Bridesmaids, 2 1/2-in. pots, just right for shifting, \$2.00 per 100. Cash, John White, Elizabeth, N. J.

400 fine, large American Beauty plants, \$5.00 per 100. Cash with order. T. Kraft, 125 Johnson Ave., Newark, N. J.

Surplus roses. Brides and Maids, 2 1/2-in., and Golden Gate, 2-in., \$2.00 per 100. J. M. Smely, Aurora, Ill.

Brides and Maids, 3 1/2-in. pots, \$4.00 per 100; \$5.00 per 1000. Rhode Island Greenhouses, Pawtucket, R. I.

250 Brides and 175 Maids, strong 3-in., \$4.00 per 100, or \$15.00 for the lot. Ben L. Elliott, Cheswick, Pa.

Bride and Maid roses, extra fine stock, 3 1/2-in., \$2.00 per 100. L. E. Marquisee, Syracuse, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.

RUBBER PLANTS.
We still can offer a bargain in these in the larger sizes. The 7 1/2 size offered below will be found to be exceedingly good value. Plants are in perfect shape, grown from top cuttings, with large leaves right to the pot, and are exceedingly cheap at prices quoted.
Fine Plants, 6-in. pots, 12 to 15 in. high \$35.00 per 100.
Do. heavy cuttings, 6-in. pots, 12 to 15 in. ft. high only \$3.00 per dozen
We also have a few extra heavy specimens which are fine or about decorating piazzas, lawns, etc. Plants in 8-in. pots, 4 to 5 ft. high, which we can offer at \$2.00 each.
F. R. Pierson Co., Terrytown, N. Y.

RUSSELLIA.

Russelia multiflora and elegantissima, extra fine plants in bloom, 60c per doz.; \$4.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

SALVIA.

Salvia, 2-in., \$2.00; 2 1/4-in., \$2.00; 3-in., \$4.00 per 100. Rooted cuttings, \$1.25 per 100; \$10.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Salvia Splendens, from pots, \$2.00 per 100. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

SEEDS.

FRESH SEED.

Aparagus Floumeus Natus	100, 1000.
Aparagus Sprucei	50c, \$6.00
Calceolaria Hybrida Grandiflora Maxima, about 500 seeds, 25c. Calceolaria Hybrida Nana Grandiflora, about 2000 seeds, 25c. Rugosa, Shrubby Calceolaria, packet 25c.	
Chineria Hybrida Grandiflora Maxima, in most brilliant colors, giant flowers, packet, 1000 seeds, 25c. Chineria Hybrida Nana, dwarf, pkt. 500 seeds, 25c; 5 pkts. for \$1.00.	
Primula S. Fimbriata, best strain, 100, 1000.	
Rose Splendens Kermesina	25c, \$1.75
Atroragumina, blood red	25c, 1.75
Primula Magnifica, best strain, 100, 1000.	
Chiswick Red	25c, 1.75
Cornules (True Blue)	30c, 2.00
All colors mixtures	25c, 1.50

Paules, best strains, French, German, Scotch, in separate colors, white, black, yellow, blue, and bronze, striped, etc. In sort, name, Giant, Trimarideau, Odier, Cassier, Bugnot, etc. of these, 1000 seeds 25c; 5000 seeds \$1.00. Send for new catalog of plants and interesting novelties. H. H. BEIGER & CO., 47 Barclay St., New York.

XXX seeds. Chinese primroses, large flowering fringed, double and double, mixed, 500 seeds, 1/100; half pkt. 50c. Pansy, the best of the mammoth-flowering varieties, mixed, 400 seeds, \$1.00; half pkt. 50c. Truest of the new strain fringed and ruffled pansy, mixed colors, 600 seeds, 50c. Primula obconica hybrid, large-flowering varieties, mixed, 1000 seeds, 25c. Chineria large-flowering varieties, mixed, 1000 seeds, 50c. A package of the new everblooming forget-me-not, Constant added members order. John P. Rupp, Shiremanstown, Pa.

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FANSIES. DO YOU WANT THE FINEST FANSIES?

THE JENNINGS STRAIN.
They are all right. New crop seed now ready. Finest mixed, by weight, 1 lb.; \$1.00; 1/2 oz., \$2.00; 1 oz., \$3.00. Separate colors, 50c to \$1.00 per pkt. Plants in September, \$4.00 per 100. Cash with order. E. B. JENNINGS, L. E. 254, Southport, N. C., GROWER OF THE FINEST FANSIES.

1000 seeds, Calceolaria-Johnson & Stokes' Hybrida Grandiflora, mixed colors, 50c; 1000 seeds, 50c. Chineria-James' Giant Strain (unpurposed), 500 seeds, 50c; 1000 seeds, \$1.00. Pansy-Johnson & Stokes' Kingly collection comprises all the grand sorts and is the most desirable strain on the market. 1/2 trade pkt., 30c; trade pkt., 50c; 1/2 oz., \$5.00. Johnson & Stokes, 217 Market St., Philadelphia.

Choice Chineria Seed. The plants grown from our seed now nearly all the first prizes at the spring show of the Penna. Hort. Society. Most flowers measure 2 in. in diameter. Price, \$1.00 per trade pkt.; 60c per half trade pkt.

HENRY F. MICHELL, 1013 Market St., Philadelphia, Pa.

PANSY SEED. The famous DIAMOND strain, the best strain of the German type, large size, perfect form, thick velvety petals and a great variety of rich and odd colors and markings; all varieties, mixed, trade pkt., \$1.00; 1/2 oz., \$15.00; 1 oz., \$25.00. Cash with order. FANSIES A SPECIALTY FOR OVER 25 YEARS. L. W. GOODELL, Pansy Park, Dwight, Mass.

Prize pansies cannot be had from ordinary seed. Guaranteed to produce flowers that carried off prizes wherever shown. Michell's Giant Exhibition strain, choice mixed, extra large flowers, 50c per trade pkt. \$1.25 per quarter doz.; \$3.00 per doz. Choice Trimarau, 50c per trade pkt.; \$1.25 per doz. Henry F. Michell, 1013 Market St., Philadelphia, Pa.

Chineria, hybrid, dwarf, fine mixed, extra large, 50c per trade pkt. Pansy, giant Mme. Perret, trade pkt., 50c; \$5.00 per doz.; Bugnot, Trimarau, extra large, 50c per trade pkt.; pure white, trade pkt., 25c; English, good mixed, 25c per doz. Beaulieu, Woodhaven, N. Y.

FRESH SMILAX SEED. 25c per oz.; \$2.00 per lb. Just right for prices in quantity. Order taken for Cobaea, acedum, and Asparagus Sprengeri. Theodoros E. Shepherd, Ventura-by-the-Sea, Cal.

Zirngiebel's GIANT MARKET and FANCY pansies. New crop seed now ready. Trade prices, \$1.00 per doz.; \$10.00 per 100. Also separate color, blue, red, green, and yellow. Denys Zirngiebel, Needham, Mass.

Fansy seed; new crop; my own saving; every possible color, shade and marking, \$1.00 per oz.; \$4.00 per lb. F. Brit, Hempstead, L. I., N. Y.

Pansies worth raising. Good seed—as usual \$2-16 oz., \$1.00; 1 oz., \$4.00. Cash. Chr. Soltau, 159 Grant Ave., Jersey City, N. J.

Wholesale price lists for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

No Plus Ultra pansy seed, \$4.00 per oz. Cash. Jos. H. Cunningham, Delaware, Ohio.

Fansy seed, Giant and Fancy, mixed, \$4.00 per oz. Morris Floral Co., Morris, Ill.

SMILAX.

5,000 2 1/2-in. pot Smilax plants, fine healthy plants, ready now, \$2.00 per 100; \$15.00 per 1000. Cash with order. H. P. Owen, Toughmond, Md.

Smilax, good strong plants, \$1.50 per 100; \$12.00 per 1,000; 300 at 1000 rate. Mount Honnes Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

500 Smilax, from 2 1/2-in. pots, at 2 cents each. All fine large plants and perfectly healthy. A. L. Thorne, Fishing, L. I., N. Y.

Smilax, 5000 strong plants, in 2 1/2-in. pots, at \$2.00 per 100; \$25.00 per 1000. H. L. Paththey, Florist, Bay Shore, L. I., N. Y.

Smilax, 2 1/2-in. pots, strong and bushy, \$1.50 per 100; 1000 rate. W. G. Kraber, New Bedford, Mass.

Smilax, 60c 1/2-in., \$2.50; 90c 2 1/2-in., \$1.00 per 100. Choice stock. Crab & Hunter, Grand Rapids, Mich.

SMILAX. Fine stuff, \$1.50 per 100; \$12.00 per 1000. J. B. Heiss, The Exotic Nurseries, Dayton, Ohio.

Smilax, good strong plants 2 1/2-in., \$12.50 per 1000. Otto Hansen, 1056 No. 62nd Ave., Chicago.

Smilax, 2-in., strong, bushy, \$1.00 per 100; \$2.00 per 1000. Cash. R. Kilbourn, Clinton, N. Y.

Smilax, 2 1/2-in., \$1.50 per 100; from flats, 25c per 100. Cash. Morris Floral Co., Morris, Ill.

Smilax, 2-in., \$1.00 per 100; \$10.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Thrifty 2-in. smilax, \$1.25 per 100. Cash with order. A. Rasmussen, New Albany, Ind.

Strong smilax, \$1.50 per 100; \$15.00 per 1,000. Memphis Floral Co., Memphis, Tenn.

500 Smilax, 3-in. pots, 25c per 100. J. D. Brenneman, Harrisburg, Pa.

Smilax, 1.50 per 100, \$12.50 per 1000. A. M. Herr, Lancaster, Pa.

Smilax, 2-in., \$1.25 per 100. Harry White, New Holland, Pa.

Smilax, 2-in., \$1.00 per 100. M. J. Coventry, Fort Scott, Kan.

For smilax, write Geo. A. Kuhl, Pekin, Ill.

VEGETABLE PLANTS.

Celery, field-grown; strong, fine roots, stored back several times. White Heart, Perfection Heartwell, Dwarf Golden Heart, Giant Pascal and Celestine Ertrurer, carefully packed. \$1.00 per 100. Cash, please. W. S. Herzog, Morris Plains, N. J.

Genuine transplanted celery plants; stocky, well-hardened stock out of flats, fine roots, 25c per 1000 cash; same of W. Plume, B. Market and G. Pascal, 5c. Good cabbage, best varieties, \$1.00 per 1000; \$7.00 per 10000. R. Kilbourn, Clinton, N. Y.

Celery—Golden Self-Blanching and White Plume, \$1.00 per 1000; plants from seed bed now ready. Pepper—Ruby King, 20c per 100. Cash. Mrs. Griswold, Worthington, Ohio.

Pot-grown celery plants, \$5.00 per 1000; field-grown plants, \$2.00 per 1000. Write for terms on large orders. J. T. Cherry, White Hall, Ill.

Cabbage and celery plants. For varieties and prices see display stand. In this issue: R. Vincent, Jr., & Son, White Marsh, Md.

Extra fine late cabbage and celery, \$1.00 per 100; \$5.00 per 1000. W. D. Chase & Son, New London, Ohio.

Celery plants, \$1.00 per 1000. Slaymaker & Son, Dover, Del.

VINCAS.

Vinca major var., fine 2-in., just what you want to plant for next advertising instructions, 50c per doz.; \$5.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

Vinca var., from 2 1/2-in., \$2.50 per 100. Cash with order. Geo. Bischoff, Ann Arbor, Mich.

VINES.

Bignonia vines, 3-year-old field-grown, \$1.50 per doz. Cash. Mrs. Griswold, Worthington, Ohio.

VIOLETS.

Marie Louise Violets. Fine young plants, ready to plant at once, at \$15.00 per 1000. Stock guaranteed to be the finest in the country. Come and visit my Violet Range, only 17 miles from New York City. Cash with all orders. Example: 25c per doz., \$25.00 per 1000. Cash. T. Schuneman's Violet Range, Baldwin, N. Y.

VIOLETS. Marie Louise, specially grown for forcing, free from disease and spider. These are from cold frame; stock never forced and should not be treated as if instructions are followed. Per 100, \$3.50; per 1000, \$30.00. Cash. W. H. Thomas, Convent Station, N. J. Morris Co.

About 4000 or 5000 Marie Louise and 3000 Farquhar violet plants for sale, all nicely rooted; put in sand in April; clean and free from disease; \$15.00 per 1000. Cash with order. Joseph Marik, Rhinebeck, N. Y.

Violets (Marie Louise). Strong, clean and healthy plants, none better offered for sale, \$20.00 per 1000; 2000 for \$35.00. Cash with order. D. Hildreth, Lock Box 2, Babylon, N. Y.

Marie Louise violets, strong, healthy stock, \$3.00 per 100; \$25.00 per 1000; 500 at 1000 rate. Mount Honnes Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Violets, extra fine imperial, M. Louise, Farquhar and Humbell, 2 1/2-in., \$1.50 per 100. Cash. Crab & Hunter, Grand Rapids, Mich.

Marie Louise, March stock, fine plants, \$1.00 per 1000. Cash, please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violets, clean, healthy stock, \$2.50 per 100; \$20.00 per 1000. J. B. Rudy, Elmira, N. Y.

MISCELLANEOUS.

Smilax, 2½-in., Jerusalem Cherry, 3-in.; Camas Yucca and Crocus, 4-in.; Vines, 4-in., cheap for cash or will exchange for other stock, begonias, ferns, etc. Jas. C. Murray, 403 Main St., Peoria, Ill.

TO EXCHANGE.

To Exchange Roses and Chrysanthemums for ferns. Mrs. J. W. Crouch, Chattanooga, Tenn.

WANTED.

Wanted—Immediately, MINIATURE CACTI from 1 inch to 1½ inches in height and diameter, any pretty, symmetrically formed variety will answer. Send sample and price per 100 or 1000. Jos. Kift & Son, 1726 Chestnut St., Philadelphia.

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Star Florists' Boxes, Edwards & Ducker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.
Florists' Boxes, The J. W. Seiton Mfg. Co., 241-27 S. Jefferson St., Chicago.
H. Schultz & Co., 117-123 Market St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

DECORATIVE MATERIAL

New crop Fancys and Daggor ferns, \$1.00 per 1000. Discount on large orders. Also a full line of early ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Sq., Boston, Mass.

Daggor and Fancy ferns, 50c per 1000. Laurel festooning, 4c, Chin. and 6c per yard. Crowl Fern Co., Millington, Mo.

FLORISTS' LETTERS

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothea sprays, address the introducer.

Harian P. Kelsey,
318 Tremont Bldg.,
Boston, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-38 Court Sq., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green and bronze, 75c per 1000 in 200 lots. Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

Mastica, for glazing greenhouses, is superior to putty. Easy to apply and stays on. Send for circular. F. O. Pierce Co., 170 Fulton St., New York.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass, Benjamin H. Shoemaker, 205 to 211 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston. Good Hose. J. G. & A. Ealer, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

The cheapest, safest, cleanest and most effective BUG KILLER is LEMON OIL INSECTICIDE. Destroys Scale, Mealy Bug, Ant, Fly, Midges, etc. Highest testimonials. Quart, 75c; ½-gal., \$1.25; gal., \$2.00. Dilute with water 40 to 50 parts. Sent on receipt of price. WEATHERBY BROS., 113 So. Gay St., Baltimore, Md.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 25¢ lb. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

If you want healthy plants, fumigate with Nikoteen Tobacco Warehousing and Trading Co., 1902 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.
Clipper Lawn Mower Co., Norristown, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 580 and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. The best on the market. Keller Bros., 213-225 Pearl St., Norristown, Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.
Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Columbia plant tubs. Invaluable Appliance Co., 156-160 Vedder St., Chicago.

Red pots. Landis & Foote, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., specialists in Horticultural Printing, Harrisburg, Pa.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.
G. W. Lyons, Babcock, Wis.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Pulen Co., Kingston, N. Y.

WIRE SUPPORTS

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 100, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.
Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

Galvanized rose stakes and tying wires; low prices on prompt shipment. Ligge Bros., 226 No. Ninth St., Brooklyn, N. Y.

WIRE WORK.

C. A. Kuehn, 1122 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clasp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago, Ill.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

ST. PAUL.

The Twin City florists held their annual picnic at Wildwood, White Bear Lake, the loveliest water spot in the northwest. Messrs. Aug. Swanson, St. Paul; Hartman and Nagel, Minneapolis, composed the committee on arrangements. There were all kinds of sports, races, etc., and all enjoyed themselves greatly.

The honors of the races and ball-and-matches were about evenly divided and every one present was satisfied with results. The bowling contest had to be played at St. Paul as the alleys at Wildwood were under repair. Messrs. Will and Lindquist proved to be champions. Wildwood is a temperance place, but the boys managed to get several boxes of "Bohemian" out there, which was a great relief at 96 degrees above.

CHRIST. BUSSJAEGER.

PUTTY AND MASTICA.

In answer to the inquiry regarding the relative merits of putty and mastica for glazing, I would say that it is so many years since I have used putty in any form for glazing that I cannot give an intelligent answer, but in my opinion the cost would be about the same. I will say, however, that I do not favor mastica if you lap the glass, as you do not get it on thick enough where the glass is lapped. If I lapped the glass I would prefer a good quality of putty with about 1-10 of white lead mixed with it.

Mastica is a most valuable article to the florist, particularly those who have old houses. If run in between the wood and the glass it will stop up all cracks, thoroughly keeping out water. It is easily put on and I believe it would pay well to apply it every year. It makes a poorly glazed house water tight. I find it does not work in cool weather and is a little thin in the hottest weather. Moderately warm weather is about the best time to apply it.

WM. SCOTT.

We do not like mastica as well as putty for glazing. Mastica is sometimes useful for special work, but ordinarily putty is quicker and makes a nicer job.
JOHN WELSH YOUNG.

WELL PLEASED.

I am well pleased with the REVIEW.
—HENRY A. SCHOLZ, Yonkers, N. Y.

A VALUABLE ASSISTANT.

I find the REVIEW a valuable assistant and an excellent advertising medium.—JOHN NORDBE, Florist for JEWELL NURSERY Co., Lake City, Minn.

A GOOD THING.

The classified ads. are a good thing. It is easy to find just what is wanted, and I think it is only a matter of a little time before people generally will realize this.—S. M. HARRISON, Danville, Ky.

THANKS FOR RESULTS.

Many thanks for results from had. Had to turn down many orders. Sold out so clean could supply only about one-half that the orders called for.—J. N. KIDB, St. Joseph, Mo.

FIVE TIMES AS MANY.

I spent \$2 in the classified columns of the REVIEW and as a result sold five times as many plants as I did through \$25 worth of advertising in another paper. This is experience that can't be gained.—G. P. MOORE, Ocean City, N. J.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

IMPORTANT!

JOSEPH HEACOCK, TO MAKE ROOM, offers the following **PALMS** of the most profitable sizes for growing on. They are home grown, never been seen sick, strong and healthy, free from insects and disease, and are of unusual good value at prices quoted. Just the kind of plants that will grow rapidly into money for you.



KENTIA BELMOREANA.

ARECA LUTESCENS.		Per doz.	Per 100.
2 inch pot, 1 plant in pot, 6 to 8 inches high.....	Per 1,000,	\$45.00	\$1.00 \$ 6.00
4 inch pot, 3 plants in pot, 15 inches high.....			3.00 25.00
6 inch pot, 3 plants in pot, 20 inches high.....			9.00 75.00
6 inch pot, 3 plants in pot, 24 inches high.....			12.00 100.00
			Each. Per doz.
8 inch pot, 3 plants in pot, 30 inches high.....			\$2.50 \$30.00

KENTIA BELMOREANA.		Per doz.	Per 100.
2 1/2 inch pot, 3 to 4 leaves, 8 inches high.....	Per 1,000,	\$100.00	\$1.50 \$12.00
3 inch pot, 4 to 5 leaves, 10 to 12 inches high.....			3.00 25.00
4 inch pot, 5 to 6 leaves, 15 inches high.....			4.50 35.00
5 inch pot, 5 to 6 leaves, 20 inches high.....			9.00 75.00
			Each. Per doz.
6 inch pot, 6 leaves, 24 inches high.....			\$1.25 \$15.00
6 inch pot, 6 to 7 leaves, 26 to 28 inches high.....			1.50 18.00

KENTIA FORSTERIANA.		Per doz.	Per 100.
2 1/2 inch pot, 4 leaves, 8 inches high.....	Per 1,000,	\$100.00	\$1.50 \$12.00
3 inch pot, 4 leaves, 12 inches high.....			2.50 20.00
4 inch pot, 4 to 5 leaves, 15 inches high.....			4.50 35.00
			Each. Per doz.
6 inch pot, 5 leaves, 24 to 28 inches high.....			\$1.00 \$12.00
6 inch pot, 5 to 6 leaves, 30 inches high.....			1.25 15.00
6 inch pot, 6 leaves, 28 to 32 inches high.....			1.50 18.00
7 inch pot, 6 to 7 leaves, 30 to 36 inches high.....			2.00 24.00

JOSEPH HEACOCK, Wyncote, Pa.

Mention THE REVIEW when you write.

NEBRASKA CITY, NEB.—Wm. Peirce has secured another five years' lease of the store on Central Ave., and will build a greenhouse back to alley, 60 feet, this fall. He reports spring trade as the best he has ever known.

ALLENTOWN, PA.—Geo. W. Fetzer is building an addition 24x70 feet for roses. The weather here has been very hot and dry. Business fair for the season.

MASTICA For Glazing Greenhouses
 Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsement by prominent florists. Send for descriptive circular of Mastica and Mastica Glazing Machines. F. O. PIERCE CO., Sole Manufacturers, 170 Fulton St., New York. Mention The Review when you write.

Holds Glass Firmly FULL SIZE No. 2
 See the Point of the Van Hook Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 78 cents, postpaid. HENRY A. BREWER, 114 Chestnut St., Phila., Pa.
 Mention The Review when you write.

PREPARE **NOW** FOR THE ANNUAL Convention Number of the Florists' Review, To be Issued AUGUST 8th.

Galvanized Rose Stakes AND TYING WIRES.
 Low prices and prompt shipments guaranteed. Write us before ordering elsewhere.

IGOE BROS.
 226 N. Ninth Street, BROOKLYN, N. Y.
 Mention The Review when you write.

IF YOU WANT **HEALTHY PLANTS** FUMIGATE WITH **NICOTICIDE** THE BEST OF ALL **INSECTICIDES**
 Write for full particulars to The Tobacco Warehousing & Trading Co., 1002 Magnolia Ave., Louisville, Ky.
 Mention THE REVIEW when you write

CAN'T DO WITHOUT IT.
 We are well pleased with the REVIEW and could not be without it.—C. PETERSON & SONS, Escanaba, Mich.

Nikoteen Aphis Punk It Burns
 The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. All dealers sell it!
Skabcura Dip Co. St. Louis — Chicago.

Mention The Review when you write.
 Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG, Publisher, Buffalo.

SAMUEL S. PENNOCK. Wholesale
 Commencing June 24th and continuing during the summer months, will be open from 7:30 A. M. to 6:00 P. M. **→ Florist**

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.
 Mention The Review when you write.

BAMBOOS—GERANIUMS.

Please tell me the best method of keeping bamboo roots during winter. Also, why do the leaves of geranium plants turn brown after being bedded out in rather light soil, with a good supply of water and sunshine?
 A. B. C.

There are a good many species of bamboo, but I presume that the inquiry refers to those that are hardy. After the first hard frosts a covering of six inches of tan bark among the old canes and for a foot or more round the stool will usually protect all the hardy bamboos. If you cannot get tan bark, then stable litter or spent hops will do, but don't apply it until there has been a little frost in the ground.

There may be several reasons for the leaves of geraniums turning yellow. If geraniums have been kept in a close, shady house, then suddenly put out in a bed in the hot sun, they are sure to lose some leaves. Although one of the commonest and most easily managed plants the geranium has some peculiarities. Did you ever notice that if you left a flat full in the shed for forty-eight hours the leaves will turn yellow? If grown in a light house subject to the full sun and carefully watered when put out there will be no leaves turning brown. Perhaps the fault is a combination of both poor watering and the plants grown in a shaded house. If they are healthy plants they will soon get over this by one or two waterings and the ground stirred the next day. Pinch off all dead leaves and flowers until you see a good, healthy growth starting.
 W. S.

BOWLING GREEN, KY.—W. W. Hendrix has sold his place to Kelley & Lively, who will continue the business. Mr. Hendrix has removed to Georgia where he will start a new place to grow specialties.

KALAMAZOO, MICH.—Van Bochove & Bro. have purchased the greenhouse business of George D. Taylor and will combine it with their own. The firm is also building two houses 26x160, one for carnations and the other for roses.

MADISON, N. J.—The sixth annual exhibition of the Morris County Gardeners' and Florists' Society will be held here Nov. 5 and 6. Schedules may be had by addressing C. H. Atkins, secretary, Madison, N. J.

In our classified ads. you can find everything you want all the time.

BRIDES and MAIDS
 3½-in., Extra Fine Stock, \$5.00.
CHRYSTHEMUMS,
 Best Standard Sorts, 2½-in., \$2.00.
 L. E. MARQUISEE, Syracuse, N. Y.
 Mention The Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.
 WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St., PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.
 Mention THE REVIEW when you write.

FOR LARGE ORDERS, SPECIAL OFFER. QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, 3-in., \$30.00 per 1000
 2-in., 20.00 "

Write for special price on large quantities.

We also have Brides, Maids and Golden Gates, at \$20 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

ROSES...
 FOR THE TRADE,
 SPRING OF 1901.

We solicit your order and guarantee satisfaction. Write for special prices on large lots.
Meteors, Brides, Maids, Perles, Kaiserin A. V., Wootton, Pres. Carnot, Golden Gate, Liberty.

Smilax Extra, in 2 & 2½-in. **Plumosus** in 2-in.
Sprengreri, Boston Ferns, We make a speciality of. Have all sizes.
 Write

GEO. A. KUHL, PEKIN, ILL.

Shaking Grates

For Greenhouse Boilers and Furnaces. Write us for catalogue and testimonials from the leading greenhouse men.
Kennett Foundry & Machine Works, Kennett Square, Pa.
 Mention The Review when you write.

PREPARE NOW FOR THE ANNUAL
CONVENTION Number of the
Florists' Review,
 To be Issued AUGUST 8th.

A VALUABLE PAPER.

Your paper is valuable and I could not do without it now.—MAX MECKES, Ashland, O.

ROSES

Extra fine plants on their own roots for winter forcing.

Bride, Bridesmaid, Meteor, Kaiserin, Golden Gate, Perle.
 3-inch pots, \$7.00 per 100.
 4-inch " \$10.00 "

Liberty,

3-inch pots, \$8.00 per 100.
 4-inch pots, \$12.00 "

Grafted,

3-inch pots, \$15.00 per 100.

Our LIBERTY ROSES, both grafted and on their own roots, are in extra fine condition and perfectly healthy. **NO BLACK SPOT.**

J. L. DILLON, Bloomsburg, Pa.
 Mention The Review when you write.

Meteors, Maids and Brides.

3½-inch pots, \$30.00 per 1000; \$3 50 per 100. **VERY CHOICE.**

BRANT & NOE, FOREST GLEN, CHICAGO, ILL.

PANSY SEED. New Crop. My own saving. Every possible color, shade and marking. White and lights predominating. oz. \$1; ½-oz., \$1. **FRANCIS BRILL, Hempstead, Long Island, N. Y.**



HITCHINGS & CO.
 233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
 PIPES, FITTINGS AND VENTILATING APPARATUS
 Send Four Cents for Catalogue. GREENHOUSE BUILDING

Mention The Review when you write.

Clearing Sale of Rose Plants!

BASSETT & WASHBURN

HAVE THE FOLLOWING PLANTS FOR SALE AT ABOUT THE.....**COST OF PACKING.**

We fully guarantee the stock to be in first-class condition, and as good in every way as can be grown. We must have the room immediately. First come, first served.

1850 Beauties, 3-in. pots	\$60 00 per 1000	6000 Maids, 3-in. pots	\$20 00 per 1000
2000 Meteors, 2-in. pots	10 00 "	600 Maids, 4	3 00 per 100
7500 Meteors, 3	15 00 "	2000 Perles, 3-in. pots	30 00 per 1000
1500 Meteors, 4	20 00 "	400 Liberty, 4-in. pots	6 50 per 100
3000 Brides, 3-in. pots	20 00 "		

Orders for 100 of a kind will be filled at thousand rates.

Remember that the stock is of the best, and we guarantee same or money will be refunded.

BASSETT & WASHBURN, Hinsdale, Ill.

Mention The Review when you write.

Chrysanthemum TIMOTHY EATON,

The Sensational Giant White, \$5.00 per dozen! \$30.00 per 100.

Other NEW AND STANDARD VARIETIES, fine thrifty stock from 2 and 2½ inch pots. Write for catalogue giving complete descriptions, with time of blooming, etc., of each variety.

Let us figure on your wants.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

VEGETABLE PLANTS! PLANTS!

CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, \$75.00 per 100,000.

CELERY.—Giant Pascal, Golden Heart, White Solid and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000; Giant Pascal and Golden Heart, \$75.00 per 100,000.

If by mail add 10c per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention THE REVIEW when you write.

Always mention the Florists' Review, when writing advertisers.

ROSES==To Close.

125 American Beauties, 3-in. ...	5c each
400 Bridesmaids, 2½-in.	2c "
400 Perles, 2½-in.	2c "
400 Golden Gate, 2½-in.	2c "
350 Brides, 2½-in.	2c "

PHOENIX CANARIENSIS. Good Plants, 6 and 6-in. pots, \$5.00 per dozen.

WM. B. SANDS, LAKE ROLAND, BALTIMORE, MD.

Mention The Review when you write.

ASPARAGUS.

Spenceri, 2-inch pots	per 100, \$2.00
Plumous, ready Aug. 1,	2.50
Decumbens	6.00

PANSY SEED—No Plus Ultra, oz., \$4.00.

CASH.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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PREPARE NOW FOR THE ANNUAL CONVENTION NUMBER

OF THE

Florists' Review,

To be Issued AUGUST 8th.

VIOLETS. Extra fine, from 2½-inch pots. Imperial, M. Louise, Farquhar and Lady Campbell, \$3.00 per 100; \$30.00 per 1000. **SMILAX.** 600 2-in. this is choice stock, at \$2.50 per 100, 900 2½-in., \$1.00 per 100.

ROSES. Clean, extra fine, healthy. Brides and Maids, A-1; for immediate planting, 3-inch, \$4.00 per 100; \$33.00 per 1000; 4-inch, \$6.00 per 100; \$55.00 per 1000.

CRAB & HUNTER, Grand Rapids, Mich. Mention The Review when you write.



Send to **THE MOON** Company
For Your Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE W. M. H. MOON CO.,
Morrisville, Pa.
Mention The Review when you write.

SMILAX.

2-inch pots, \$10.00 per 1000, per 100, \$1.00
PRIMROSES Per 100, \$2.00

ROSES and MUMS!

Brides, Maids, Perles, Meteors, Gates, 2½-in., \$2.50 per 100, \$20.00 per 1000; 3-in., \$4.50 per 100, \$37.50 per 1000.

Beauties, 2½-in., \$4.00 per 100; 3-in., \$7.00 per 100. Mums, \$3.00 per 1000.

POEHLMANN BROS. COMPANY,
Morton Groves, Cook Co., Ill.

Write Us for Prices.

WHOLESALE GROWERS OF
**ROOTED CUTTINGS and
BEDDING STOCK.**
See Page 150, July 4, 1901.

GREENE & UNDERHILL, Watertown, N. Y.

PANSIES WORTH RAISING. GOOD SEED—AS USUAL.

3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
CHR. SOLTAU,

189 Grant Ave., JERSEY CITY, N. J.

SOLD OUT.

Our stock of young Carnations is sold out. Place your order now for **FIELD PLANTS for FALL DELIVERY.**

All the best varieties.
GEO. HANCOCK & SON,
Grand Haven, Mich.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
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INDEX TO ADVERTISERS.

This Index covers only those having displayed advertisements. There is also other advertising offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 116-209	Amberg, E. C. 288	Arnold, W. W. & Co. 195	Bassett & Washburn. 208-217	Bentley & Co. 208	Berger, H. H. & Co. 198	Berning, H. G. 208	Brant & Noe. 209-216	Brill, F. 216	Brinkerhoff & Barnett Engraving Co. 218	Buckley Plant Co. 207	Badlong, J. A. 208-216	Burpee, W. Adie & Co. 207	Chicago Paeony Farms. 198	Cincinnati Cut Flower Co. 206	Classified Advs. 210	Cottage Gardens. 209	Crabb & Hunter. 217	Crowl Pans Co. 198	Cunningham, Jos. H. 217	Dietrich, A. & Co. 219	Dillon, J. L. 216	Dorner, F. & Sons Co. 217	Dreer, H. A. 207-215	Dutton, Chas. S. 198	Eells, F. M. 208	Easter, John G. Sec'y. 209	Finley Lawn Rake Co. 219	Florists' Supply Co. 718	Garland, Geo. M. 230	Gibbons Co., H. W. 230	Giblin & Co. 230	Greene & Underhill. 217	Griswold, Mrs. 209	Hall, H. E. 206	Hancock, Geo. & Son. 217	Hansen, Otto. 208	Hescock, Jos. 218	Herr, Albert M. 198	Hill Co., E. G. 217	Hippard, E. 218	Hitchings & Co. 216-218-230	Hunt, E. H. 208	Iroo Bros. 218	Jacobson, E. B. 198	Jennings Bros. 218	Kastine, W. F. 197	Kear Bros. 218	Kelllogg, Geo. M. 209	Kennett Foundry & Machine Co. 216	Kennicott Bros. Co. 197	Kroeschell Bros. Co. 229	Kuehne, C. C. 208	Kuhl, Geo. A. 216	Kuntz, E. 198	Laizer & Hirtel. 198	Long D. 215	Lord & Burnham. 229	Magnuson, M. A. 198	Maquisee, L. E. 216	McKellar & Winter. 208	Michell, H. F. 197	Moninger, W. Co. 219	Moon Co., W. H. 218	Morris Floral Co. 198	Penstock, S. S. 216	Pittsburg Cut Flower Co. 215	Pierce Co., F. O. 216	Poehlmann Bros. Co. 218	Poelwinorth Co., C. C. 207	Quaker City Machine Works. 229	Randall, A. L. 208	Rawlings, E. I. 198	Reed & Keller. 218	Reagan Pig House. 218	Reinberg, P. 208	Rice, M. & Co. 198	Robinson, H. M. & Co. 206	Rupp, John F. 218	Sands, W. B. 217	Schmitz, F. W. 218	Seclay, John A. 219	Siebert, C. J. 220	Sisk, J. 218	Smith, N. & Son. 215	Soltani, Chr. 217	Thurburn, J. & Co. 198	Tobacco Warehousing & Trading Co. 215	Vincent, Jr., R. & Son. 217	Walsh, R. 219	Weber & Sons. 217	Wieland & Risch. 208	Williford Pottery Co. 218	Wright Bros. 208	Wright, H. G. 218	Williford Co., Geo. 208	Zirnglebel, D. 198
--------------------------------	------------------------	------------------------------	----------------------------------	------------------------	------------------------------	-------------------------	---------------------------	--------------------	--	----------------------------	-----------------------------	--------------------------------	--------------------------------	------------------------------------	---------------------------	---------------------------	--------------------------	-------------------------	-------------------------	-----------------------------	------------------------	---------------------------	---------------------------	---------------------------	-----------------------	----------------------------	-------------------------------	--------------------------	---------------------------	-----------------------------	-----------------------	-------------------------	-------------------------	----------------------	--------------------------	------------------------	------------------------	--------------------------	--------------------------	----------------------	----------------------------------	----------------------	---------------------	--------------------------	--------------------	-------------------------	---------------------	----------------------------	--	-------------------------	--------------------------	------------------------	------------------------	--------------------	---------------------------	------------------	--------------------------	--------------------------	--------------------------	-----------------------------	-------------------------	---------------------------	--------------------------	----------------------------	--------------------------	-----------------------------------	----------------------------	------------------------------	----------------------------	-------------------------------------	-------------------------	--------------------------	-------------------------	----------------------------	-----------------------	-------------------------	--------------------------------	------------------------	-----------------------	-------------------------	--------------------------	-------------------------	-------------------	---------------------------	------------------------	-----------------------------	---------------------------------------	----------------------------------	--------------------	------------------------	---------------------------	---------------------------	-----------------------	------------------------	------------------------------	-------------------------

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

STANDARD FLOWER POTTERY CO.
JERSEY CITY PHILADELPHIA

Mention The Review when you write.

See That Ledge.

Pat. Sept. 18, 1900.

THE JENNINGS IMPROVED IRON GUTTER.

...USE OUR...

Patent Iron Bench Fittings and Roof Supports, Ventilating Apparatus, Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS.

JENNINGS BROS., Olney, Phila., Pa.

Mention The Review when you write.



STANDARD.

Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use.

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SIEBERT'S ZINC
NEVER RUST
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ARE POSITIVELY
THE BEST.
LAST FOREVER.

A sure preventive of glass-
slipping. Effective on
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Easy to drive, easy to
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Two sizes, 2 1/2 and 3 1/2. 400 lb. pound, by mail,
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CHAS. T. SIEBERT:—I take pleasure in express-
ing satisfaction in using your Zinc Glazing Points.
They have outlasted all others used, therefore
are better and cheaper. Their merit should re-
sult in extended sales. Sincerely yours,
THO. F. BECKETT, Florist.

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CHAS. T. SIEBERT:—Please look my order for
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used 5 different kinds of points in the last 12
years, and none of them gave me satisfaction
like yours. They will stay in, are easy to drive,
no rights or lefts, will hold the glass in place,
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Your Zinc Points are easy to take out when
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gas with the exception of the cafe, din-
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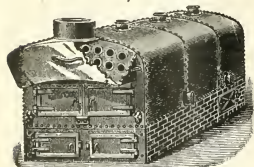
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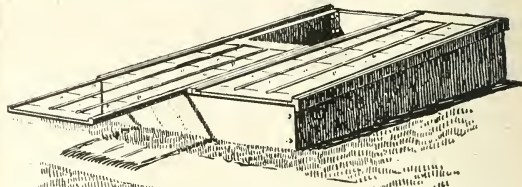
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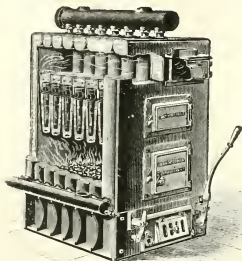
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, JULY 25, 1901.

No. 191.

Lilium Harrisii

JUST arrived in fine condition, ready for delivery. Prices on all Bulbs, Tubers, Plants and Roots cheerfully given by sending your list of wants to

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THE BULBS HAVE JUST ARRIVED. They are HEALTHY, promising splendid results.

Sizes 5 to 7 inches, price \$4.00 a hundred; \$40.00 a thousand.
Case lots of 400 at thousand rate.
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9x11.....	3.00	20.00	
FRESLIA extra refracta alba.			
3/4 to 1/2-in., 1st size.....	.40	3.00	
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FRESH SEEDS.

Asparagus Pl. Nanus (true sort).....	.45	6.00
" Sprengeri.....	.35	2.00
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Special prices on larger lots.
Send NOW! This is the time for FRESH Cyclamen Giganteum Persicum. 100 \$1.00
 Giant Mont Blanc, pure white..... \$0.85 \$7.00
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 Best mixed..... .60 5.00

PANSIES The cream of French, Scotch and German prize flowers. We furnish in any separate named sort, in separate colors, white, blue, red, yellow, bronze, black, striped; in mixed Cassias, Bugnot, Odier, Trimardean, any 1000 seeds, 25c. or 5000 seeds, \$1.00.

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Send for our New Illustrated Catalogue—contains many interesting novelties. Address

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\$1.50 per 100; \$12.50 per 1000.

ASPARAGUS PLUMOSUS,

3-inch, \$5.00 per 100; \$40.00 per 1000.

Ready to ship July 15th.

Send for sample.

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 Coleus..... 2-in., \$1.00
 Asparagus Sprengeri, seedlings, \$1.00

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 Catalogue for the asking.

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Arrived in fine condition the following Orchids:—Miltonia Canadica, Oncidium Crispum, O. Sarcoodes, O. Varicosum Rogersii, Zygopetalum Mackayii and Z. Crinitum.
 First class Peat, Moss, and Orchid Baskets always on hand.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

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JOSEPH HEACOCK,

GROWER OF

Fine Palms,

For Price List

SEE PAGE 215, JUNE 18th.

ZIRNGIEBEL GIANT MARKET AND FANCY PANSIES

(New Crop Seed READY NOW.)

Trade packages of these celebrated strains at \$1.00 each; also separate colors—blue, red, black, white and yellow.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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DAGGER FERNS 50c or FANCY FERNS per 1000.

Green or Bronze Galax, 75c per 1000, in 5000 lots. Laurel Festooning, 4c, 5c and 6c per yard.

All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.



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IVORY, PINK IVORY, MARQ. DE MONTEMORT, M. HENDERSON, ADELE, MINNIE WANAMAKER and MAJOR BONNAFFON.

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Also 10,000 other Good Standard Varieties

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Strictly our selection. \$2.00 per 100.

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Chinese Primulas, mixed and white, 2 1/4-in..	Per 100 \$ 2.00
New Yellow Baby Primrose, 2 1/4-in.....	2.00
Smilax, 2 1/4-in.....	1.50
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Begonias, 3 varieties, 2 1/4-in.....	2.00
Alternanthera, line pink, 2 1/4-in.....	1.50
Pansy Seed, Giant and Fancy, mixed, \$4.00 per oz.	

—CASH—

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SMILAX THAT IS SMILAX.

From 3-inch pots, \$2.50 a 100, \$20.00 a 1000. 500 at 1000 rate.

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PANSY Plants.

Fine strain of large blooming Pansies, small plants, 50c per 100, by mail; \$1.00 per 1000, by express. Cash with order please.

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THE RETAIL FLORIST.....

The Summer Resorts.

This is what is commonly called harvest time for the florists at the summer resorts, and so far we have not heard a complaint about dullness. The prospect seems to be unusually good in all directions. Of course, there are a great many summer resorts where there is not sufficient trade to support a resident florist, and others where the returns would be much larger had the florist sufficient capital to develop possibilities. The summer trade, except in a few rare cases, is even more speculative than winter trade in the cities.

There are many ways to look at this section of the business. The plant trade done at these places is considerable, and could be vastly enlarged were more suitable materials offered at reasonable prices. In many places we note the existence of establishments which seem to have a starved out look about them, a direct and most powerful trade killer; greenhouses emptied of their stock of bedding plants seem to be deserted places.

Growers must not imagine that knowing how to grow a few coleus or geraniums, or even roses and carnations, constitutes the all in all of the requirements of today where a retail business is desired. People nowadays look for city styles everywhere, and there is disappointment if they cannot get what they want even in the most obscure place. There is scarcely a florist's place all along the Jersey coast today that appeals by its neatness or attractiveness to the passerby. How little it would require to make them so and how much even in self-satisfaction there is to be gained by it. We know of numerous small places that do a retail business where customers—refined ladies—are taken into the "office," a dirty potting shed with its unmentionable furnishings and surroundings, and made to witness the make-shifts for what ought to be. God only knows how some people get along; it's mysterious to say the least; perhaps they make a little more than if they were growing cabbage or corn, but they don't make as much as they could.

If the cause is incapacity and you know an extended business can be done, get up to the spirit and requirements of the times.

We recently visited Newport, R. I. It is a good place to study people and what pertains to the retail florist's trade. We would advise any aspirant to put a season in at Newport even if at a temporary loss. At the time of our visit (the first week of July) we saw finer stock than was then coming to the New York market. There are several local growers who are wideawake and there are many things seen at Newport that it would be well to emulate almost anywhere. We saw some new sweet peas at Gibson Bros. (if we remember right, they came from Burpee's) that deserve the highest praise.

Sweet peas are a popular flower at Newport, where they can often be seen to perfection, but not in as great variety as one would wish. The trouble with sweet pea growers is that there are one or two old varieties that have woven themselves into their hearts and no others can get a chance. There is no doubt about it, sweet peas are destined to be even more popular and serviceable than they are today, and more attention as to variety, or rather color and succession, will be paid to them when this is more fully understood. One of the greatest sights we have seen for a long time, and one that would gladden any old timer's heart, was the Marechal Niels at Mrs. Astor's. They were very handsome and accentuated the fact that it is still today the finest yellow rose in existence. Pity it is that they are not obtainable on the market. As to doubts about their value, pshaw, there are men in the retail busi-

ness of the year. We know several large and prosperous establishments today that owe much of what is to the steamer flower trade of, say, fifteen years ago.

A most remarkable thing is that although every steamer going to Europe takes away her quota of flowers, the German boats are where the most flowers are seen. This does not imply that the Germans are the greatest lovers of flowers, for the boats are popular with all classes; still there are many that point most creditably to that race of people. We cannot help thinking that there is room to dispose of many bouquets and loose flowers on the docks on sailing days. Some enterprising people may cater to this trade some day. We leave everything to the Greek and then hollo because he succeeds.

A great change has come over steamer work. Once upon a time every kind of design could be seen in the saloons of the boat and anything could be used in stiff work. That's where it was profitable; but now it is mostly boxes of cut flowers and not infrequently we see tags and boxes from florists in Boston, Philadelphia and farther away places. This box business has its drawbacks from a local point of view; it is scarcely any use to send flowers if they are not seen in a case like this, because the effect is lost to a great extent.

Of course, it is handy to put flowers in



Funeral Design Arranged by W. E. King, E. Santa Cruz, Cal.

ness in every city whose brain and tongue can make anything go. We intend to write about Newport styles next month and pass on for the present.

Steamer Trade.

In New York here the business can be likened to a balky horse. Steamer work has been very good this summer, in fact, much better than for the past five years. This is a good sign. Years ago it used to be for many the most profitable busi-

a box; that requires no ability as things are generally done today, but it does require some pretense to tie a bunch and put a bit of ribbon on it, and there should be a general understanding among florists that the more flowers seen the more people will be induced to buy, therefore it is wise to tie up your steamer flowers even as a matter of convenience and greater pleasure to the receiver. People going away like to carry bunches of flowers about the deck with their friends,

and loose flowers, as you know, have their drawbacks. A bow of ribbon is always in order on steamer flowers, for apart from such helping to be distinguishable out in the river as a last salute, they are often valued as souvenirs by the voyager.

The New York Market.

There has been and always is a great scarcity of flowers during July and August in New York. No amount of persuasion seems to be able to induce growers to supply that want. It is true that summer trade is believed to be uncertain, but the fact remains that there is a steady demand for any kind of good roses and sooner or later growers must awaken to that fact. At the present time, of course, Kaiserin is the best white rose we have, and the business could scarcely get along without it. They are selling all the way from 75 cents to \$3 per dozen. A few fairly good Beauties are obtainable and the best bring \$9 in the highest circles.

A most popular class of flowers this summer are the various colored centaureas; the blue corn flower is the ideal day boutonniere; they are tied very compact in order to keep longer and are not made as large as heretofore. This flower is also a favorite with the ladies, for whom they are also tied rather close together, the stems trimmed and one or two flowers hanging downwards.

Carnations are getting scarce, but there promises to be a great flood of them next season, so much so that many are of the opinion that last season's unprecedented prices will never again be realized. It is true that Lawson, Roosevelt and Prosperity will have ceased to

be wonders by next winter, but the fact remains that there will always be a market for and good money returned for quality. Any one who can produce quality in any florist's necessity need not fear to spread himself.

Some very fine *Cattleya Gigas* are seen and it is a great pity we cannot get such magnificent blooms in winter. The demand for them now is only spasmodic. More of them could be used in such places as Newport, but the trouble is it is never safe to push them unless you have them in your ice-box. We all know to our sorrow how indifferent the grower and wholesalers are to the dreads and heart-breaking fears of the retailers when booking orders for such doubtful stock. All they need to do is to send word at the last moment that they cannot supply you, or if they do, they always raise the price.

We have never seen so many lilies on the market during summer before. They often prove a godsend and are always good for the principal trade, which is funeral work, during these hot days.

IVERA.

FUNERAL DESIGNS.

We present herewith engravings from photographs of two designs arranged by Mr. W. E. King, East Santa Cruz, Cal., for the funeral of the late F. Hageman, Esq., of that city.

The flowers used can be readily identified in the pictures, except The flowers in the star suspended from the round arch. The flowers in the base of this design are lily of the valley. The square arch was five feet high and the round arch with suspended star was a little higher.

MISCELLANEOUS SEASONABLE HINTS.



Sweet Peas.

Seeing some wonderful sweet peas today reminds me that a hint to growers of these beautiful flowers would be to tell them how necessary it is in this very hot weather to keep them well watered. They should not only be soaked, at least twice a week, but they are very liable to be troubled with red spider so that in addition to watering they should be constantly syringed.

Another very important thing is not to allow them to go to seed. They will quickly go out of flower if the old flowers are allowed to remain on and bear seed. Keep them picked off even if you have no particular use for them.

Gladiolus.

Another important flower to use this time of year is the gladiolus. I am aware that there are a good many so situated that they cannot water their fields of gladiolus. More is the pity. It will help them wonderfully if you can irrigate them.

Lilies.

One of the most useful flowers we have just now are the Japanese lilies and

they will be for the next six weeks. Although these flower very well outside, when grown in pots they should be in as cool a house as you have with a heavy shade; then the flowers will come larger.

Alternanthera.

The weather is too hot to attempt anything in the way of propagating. I have seen people attempt to propagate geraniums in early August, and during a very cool time it might succeed, but in such seasons as this it is little use. Leave all propagating till the first of September. There is just one plant that it is well to attend to now and that is the little *alternanthera*. I know that some growers, or those that grow very largely, lift the old plants before hard frost comes and divide them in the spring, or take cuttings off. I think a better plan is to put the cuttings in during the month of August.

We prepare flats with one inch of light soil and one inch of sand on the surface; or let the whole be very light soil, which will do about as well. Take the cuttings, of which you now have any amount, and dibble them into the sand or soil quite thickly and keep them

wet. They will root almost in a few days in any position as long as they are kept wet, and will make good plants before cold weather and can be kept in almost any greenhouse. If in a low temperature they need less water, but you do not want these plants to grow; you just want them to exist during winter. The most difficult variety to winter is *paronychioides major*, which must have a good high temperature and little water during the dark days, but it's a long while till winter. The thing is, propagate what you want now while the weather is hot.

Carnations.

I do not like to trespass into another man's domain, especially when that department is as well handled as carnations are by Mr. Baur, but I should like to just say that my experience last year was that the earliest planting paid much the best. It was some time before I could believe that the first week in August or even the last week of July was the right time to plant carnations. Twenty years ago we used to plant the last week of September. Then we put it forward to perhaps the first week in September and thought we were doing great, but the past two years we began as early in August as possible, and last year planted three varieties in the first three days of August. They were Ethel Crocker, Marquis and Mrs. Lawson, and they certainly paid us the best of any. I believe if we could get every carnation planted before the 10th of August we would be doing well. We have not suffered for rain in this part of the country. The carnations are larger than usual. Many of the varieties are as large now as they were last year two months later.

There seems to be a wide difference of opinion about Ethel Crocker. A son of mine thinks we ought to plant it again, and we have some very fine plants, if it is worth putting in. Last year it gave us some very fine flowers during October and November, but from the last of November till April it was very shy and we got few till May and June. Then again it was almost our best carnation, surpassing in size the Marquis, with splendid stem, but that is not when we want carnations. Mrs. Lawson was, with us, altogether the finest carnation and most profitable. I am almost ashamed to say that out of 10,000 plants in four houses, for weeks in the winter we did not average more than 300 flowers a day off all the varieties, while by a careful count if it had been 10,000 Mrs. Lawson plants we would have been picking 1,200 a day. Of course I am aware that you must have a variety but anyone who does not get a stock of these will make a mistake.

Mignonette.

I told you a week or two ago to sow your mignonette in the house where you are going to grow it. Look out for wood lice and slugs. The little plants are easily devoured by these pests and instead of leaving one or two of the fine plants which you want they will take them all. Arsenic and granulated sugar spread along the edges of the bench will destroy the wood lice. Air slacked lime will do much to keep the slug down.

Herbaceous Plants.

If you raise any herbaceous plants you may have sown in the spring any species



Funeral Design Arranged by W. E. King, E. Santa Cruz, Cal.

that you wanted to grow. If so there is no better month than August to plant them out and they should be now good, big plants in a frame, and will transplant next month and be well enough established to stand the winter with little or no protection. There is another way of raising them, and that is by sowing in August and when sufficiently large plant out in a cold frame or keep in flats in a very cold house and plant out in the borders in the spring. You will get good results either way, but if you have not sown in the spring you can sow next month with equally good results.

Watering—Hoing.

I must give you just a little more cultural directions. Many of you are without the facilities for watering. I am largely, myself, and have often said and will repeat, that there are a good many things that are not benefited. There is quite as much harm done by the use of the hose as there is benefit by it in unskillful hands or unintelligent use. Where watering can be done thoroughly, then a hoing, there is no doubt a good many things that we would be foolish not to water, but a great majority of our growers do not have the hose for the greater part of their crops. The next best thing is to hoe; that is, keep the surface of the soil loose. Now, why it is a benefit to keep the soil loose is not always understood. Not that dew descends on the soil heavily enough to penetrate any depth, but keeping the surface of the soil loose allows evaporation from the soil and consequently moisture will rise from the earth to take its place and in so doing nourishes the roots of the plants.

Now if you were to water and hoe, or after a good heavy shower not hoe, it would be the same thing. The

surface of the soil would be baked. It would not be porous; it would be almost caked over like cement. There would be no evaporation from it, consequently no moisture arising from the depths of the soil, and therefore the roots would get no moisture. That is the philosophy of keeping the surface of the soil loose, and it is wonderful how plants will sustain life and even grow in the driest of weather if well cultivated—that is, continually hoed.

WILLIAM SCOTT.

CARNATION NOTES.

Housing.

By exercising a little care and judgment in housing your carnations, you can save yourself a good deal of worry and increase your receipts considerably next winter. Study the wants of the different varieties and the temperature that suits them best and then plant those that want a high temperature together in the same house or houses and those that want a low temperature together in another house, and so on. Those who plant whole houses full of each variety have an easy time giving each variety just the temperature it wants, but those who plant only a few houses and have a dozen or more varieties to plant in them need to exercise a little more care. Even if you only plant one house you can always manage it very well, as nearly every house is warmer at one end than it is at the other end and you can plant accordingly. Some growers plant all those varieties of the same color together to make picking easier, but it is not good policy, except when they want the same temperature.

Then another thing to bear in mind, you know that some varieties get poor as

soon as the weather gets warm in spring and it pays better to throw them out soon after Easter and use the room for spring stock or anything you may want the room for. I never saw a grower yet who did not have to work all kinds of schemes to get room in spring for young stuff. Plant those varieties on benches that are most suitable for young stuff and plant those varieties which stand the summer heat best on the benches that are coolest in summer. We find solid bells excellent for summer blooms, as the roots are always much cooler than on raised benches. It will pay you well to arrange to have good carnations at least until a-sters come in.

Plants Inside.

Those young plants you benched some time ago will need constant attention right along in regard to watering and weeding. They will take lots of water during this hot weather and you should keep the walks damp during the day. Give all the air you can, both day and night. Keep them clear of weeds, but if they stand up well it would not be wise to put the supports in place yet for a while. They are in the way when weeding is done, and also in working up the soil, which should be kept loosened up about a half inch deep right along. As soon as the nights become cool they will begin to grow more rapidly and the supports will be needed, and if you keep them clean until then you will have little trouble with weeds until towards spring. Keep the flower shoots picked off until about September 1, as the blooms will not amount to much and they only take the strength from the plant, which should be making as many shoots as possible.

Plants in the Field.

The plants in the field have not made as much growth as they did by this time last year, as we have had a good deal of dry weather lately around here. Those that were put out in good time have made fair sized plants, and they are really better for planting than we had last year. They are better matured and will not suffer so much in transplanting. Don't put off planting because your plants may not be as large as you would like to have them. They will take hold quickly and grow all the more rapidly in the moist soil and the fresh atmosphere in the greenhouse. We planted all ours from 3-inch pots and they are plenty large enough to house now, and as soon as it rains again digging will commence.

I want to say again, "Don't dig carnations while the ground is dry." Better wait until it rains, even if it throws you a couple of weeks later than you expected to begin planting. Unless there is a good deal of dry foliage on the plants I do not like to pick it off while transplanting, as it keeps them out of the soil too long and they suffer by it. When you do pick it off be very careful that you don't skin the stems; it would be far better to leave the dead foliage on the plants.

We have this year a couple thousand plants of second year seedlings growing in 4-inch pots and ready to plant in now, and we are so well pleased with their appearance that we will likely grow a good many this way next season. They can be plunged outdoors within reach of the hose and you have

complete control over them, and in being benefited they do not suffer the least bit. Of course, there is more work than in the field culture, and the expense of the pots, but the results will well repay us, I am sure. A. F. J. BAER.

THE MARQUIS CARNATION.

In answer to many inquiries regarding culture of The Marquis permit me to say through your columns, do not pinch later than the last week in July. House, if possible, first week in August. Before housing shade heavily with mud. Renew this as needed until the plants are established. This is of the utmost importance. Success with The Marquis depends upon the observance of this rule.

Plant firmly in medium loam, one-fifth rotted manure, a judicious sprinkling of lime and wood ashes and a liberal amount of pure bone meal or flour, the latter preferred. Do not plant too deep. As fast as planted water thoroughly, and thereafter not until they are well on the dry side. In the meantime syringe the foliage several times daily, according to the weather, to keep it from drying. Keep rather close, ventilating only on one side to take care of condensation. Draughts must be avoided.

After the plants are established let the shading gradually come off and give more air, and finally all you can while the weather is suitable. Syringe occasionally to keep down red spider. Do not give Marquis too much water. Incline to dry rather than wet culture. A night temperature of 50 degrees suits it. It will bear feeding, but too much nitrogenous food is to be avoided.

After Easter, as the sun's rays are more powerful shade the glass and mulch with well-rotted manure. Renew shading as needed, and you will have Marquis in fine form and good color into the summer. L. E. MARQUISÉE.

SYRACUSE, N. Y.

**THE SEVENTEENTH
ANNUAL CONVENTION
OF THE
SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS
WILL BE HELD AT
BUFFALO, N. Y.,
AUGUST 6th to 10th, 1901.**

OFFICERS: Pres., Patrick O'Mara, New York; Vice-Pres., Wm. F. Kasting, Buffalo; Sec'y, Wm. J. Stewart, 79 Milk Street, Boston; Treas., H. B. Beatty, Oil City, Pa.

The annual dues, \$3.00, may be remitted to the secretary prior to the meeting and thereby avoid the crush at the secretary's desk on the opening day. He will mail receipt and badge for you.

The usual rate of one and one-third fares for the round trip on the certificate plan has been granted by the Trunk Line Association, by depositing your certificate with the joint agent at the Exposition on or before August 4 and paying the sum of \$1.00 you may obtain an extension of the return ticket to August 24.

For information about hotel accommodation or rooms address W. A. Adams, chairman hotel committee, 473 Main Street, Buffalo, N. Y.

In regard to space in the special trade exhibition address Chas. H. Keitsch, Supt., 270 Southampton Street, Buffalo, N. Y.

PRIZES AT BUFFALO.

Following is a list of the trophies and prizes to be competed for at bowling and shooting at the Buffalo convention. In all probability this list will receive some additions:

Bowling Tournament.

The Lord & Burnham Company's Cup,

to team making highest total for the three games. Now held by Buffalo.

Hitchlings & Company's Cup, to team making highest score in third game. Now held by Buffalo.

The Queen of Edgely Cup, to team making highest total in two first games. Now held by Chicago.

Detroit Trophy, to team making highest score in any one game. Now held by Buffalo.

The above four trophies must be won twice by one club to become its property.

The F. R. Pierson Cup, value \$50.00, to be awarded to highest aggregate individual score in three games.

Gold Fountain Pen, value \$10.00, awarded by Wm. F. Kasting, for highest individual score in any one game.

Opera Glass, value \$10.00, awarded by William Scott, for second highest individual average in three games.

Silk Umbrella, value \$7.00, awarded by George McClure, for third highest individual average in three games.

Prize, value \$7.00, awarded by Charles Hewson, for greatest number of strikes in three games.

Prize, value \$7.00, awarded by William C. Buecki, for greatest number of spares in three games.

Individual Bowling.

1st Prize—A specially made mowing machine, value \$20.00, donated by Caldwell Mfg. Co., Newburgh, N. Y.

2nd Prize—Silk umbrella, value \$7.00, donated by W. A. Adams.

3rd Prize—Meerschmum pipe, value \$7.00, donated by C. Guenther.

Individual Shooting Prizes.

Twenty-two caliber Winchester repeating rifle, value \$25.00, donated by W. J. Palmer. For highest individual score.

Pair of gold sleeve links, value \$7.00, donated by Chas. H. Keitsch. For second highest individual score.

One hundred cigars, donated by William Legg. For third highest score.

TO THE EDITOR: We don't know whether the Lockland trophy belongs to any one club or not, but you will know. My impression is that it is yet to be competed for. If so please insert it in the shooting list for the tournament. [We find no record of the Lockland shooting trophy having been won and presume it is still to be won. Ed.]

TRADE EXHIBIT PRIZES.

The beautiful trophies offered by the Buffalo Florists' Club for best exhibits of plants and cut flowers at the convention exhibition (illustrated in our last issue) are to be awarded under judgment by juries as follows:

Best exhibit of plants—Extent of exhibit, 40 points; quality of plants, 20 points; decorative value of plants, 20 points; variety of plants used, 20 points.

Best exhibit of cut flowers—Extent of exhibit, 40 points; quality of flowers, 20 points; decorative value of flowers, 20 points; variety, 20 points.

FOR 1902.

Milwaukee is after the S. A. F. convention next year. We are advised that the Citizens' Business League will cooperate with the local florists in extending an invitation to the S. A. F. to meet in Milwaukee next year.

BUFFALO.

Various Items.

I have not much to report this week except hot weather, of which our city has had quite its share. Perhaps if it were not for the influx of Pan-American visitors it would be our dulllest days. As it is we do not feel the usual midsummer quiet.

We had a good business meeting of the club last week and our plans for the business end and the entertainment of visitors are about complete. We hope next week to publish a list of the prizes for the bowling and shooting and they will make your mouth water. A fine Winchester rifle is the latest addition to the shooting trophies, donated by Mr. W. J. Palmer, and there are lots of others. So, sportsmen, particularly bowlers, if your team can't be on top there is plenty to induce you to show your skill as individuals.

I find there are florists and nurserymen and ornamental horticulturists who visit our city and the Pan-American and we never know it till some one from the same town comes later and tells us that Mr. So-and-So had been here. We do wish that they would leave their card, at least, in our office in the horticulture building at the Pan-American. Among these we found the past week were Mr. George B. Wiegand (of Don't Know, W. S.); Mr. Fred Atkins, of Eutherford, N. J.; Mr. J. H. Troy and family, of New York; Mr. A. H. Post, of the Florists' Review, an Howard M. Earl, representing W. Atlee Burpee, The latter firm engaged Mr. Rudolph Boettger, of Eggertsville, to grow their large variety of sweet peas for exhibition at the Pan-American.

Pan-American Notes.

There has not been anything very striking in the beds since the Crimson Rambler bed lost its beauty, but the whole appearance of the flower garden improves every day. It is a little too early to see cannas at their best, yet there are some large beds showing up finely. The large beds of F. R. Pierson need another two weeks. Some beds of summer blooming roses are now very fine. The white and pink Cochet, planted by Dingee & Conard; Admiral Schley by John Cook, of Baltimore; Burbank by W. Atlee Burpee & Co., and particularly fine is that splendid little rose Clóthilde Sempert shown in a fine bed by J. C. Vaughan, and a smaller bed by John N. May.

It is pleasant to see a large bed of the old fashioned verbenas making a beautiful show for Henry A. Dreer. The latter firm have so many exhibits that to mention them all would be a long list. Just now their beds of single and double petunias are very fine, so is their grand collection of herbaceous plants. These are never planted with the idea that all should be in flower at once, but there are at the present time many attractive plants. The numerous groups of nymphs planted by Henry A. Dreer last summer are now at their very best, covering the surface of the water and sending up hundreds of flowers. They add greatly to the beauty of the lakes and lagoons. C. W. Ward's large bed of large scarlet geraniums, Le Soliel, is now most brilliant, and so is his bed of Pasture, another fine orange scarlet. The same exhibitor has a very fine bed, a circle twenty-five feet in

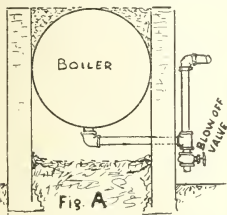
diameter, the center of Black Beauty cannot and surrounded with several rows of McKinley. But two weeks more and I hope to have much more to say about canas.

The greatest addition to our indoor exhibits of late is a fine collection of palms, dracaenas and pandanus from Prof. Cowell of the Botanic Garden. The Department of Works are still busy planting out thousands of alternantheras and other carpet bedding plants in many designs in the Court of Lilies and Court of Cypress. This makes their season for display rather short, but I suppose it will all look its best when the crowd is largest.

W. S. N.

BLOW-OFF VALVES.

The returns from our houses were carried level with the top of the boiler and then dropped vertically beside the boiler wall, entering the boiler with an elbow.



a short piece of 3-inch pipe (3 feet), another elbow pointing upward, and then a short nipple, thus forming a pocket for the sediment from the pipes to collect in. Should not an opening with valve have been left through which to blow out the sediment from the pipe in case it should stop up?

CONSTANT READER.

Replying to above inquiry, a blow off valve in the return connection described is an absolute necessity. Without one there is risk of serious trouble. The valve should be placed as shown in Fig. A.

HENRY W. GIBBONS.

New York.

BOSTON.

Seven more nights have fallen without breaking, seven more mornings have broken without falling, and the seven enclosed days have been quiet ones indeed to the florists of the Hub. They have been clear at the rear end of the procession, farthest from the band wagon. Wholesalers and retailers both report a few minutes' work every morning only, and a Quaker meeting for the rest of the day, during which the spirit moves seldom and without much vigor. All seasonable goods are now represented at the several wholesale establishments and prices are surely low enough all around, depending very much upon the buyer's general method of purchasing and the amount taken, which always regulates figures more than you may think. But quality is hardly up to the standard just now in any one line: little of any thing indeed coming that can be called even good. There would be quite a little excitement except for the fact that good customers are even more scarce than

good goods. There may be an item in the aster situation. Owing to the hot streaks in the weather probably, the first crop at least will prove in the nature of a failure. A few of them are straggling in but most of them look as if they were sorry they came. Prices range from 1 to 2 cents each.

Money is also off crop and all that purchasers bring in is very small and can be readily jingled. Bills are usually inscribed with one figure, altogether too apt to be a straight one, and many uncollected accounts look like permanent assets. Vacations have the call. They are mostly of a local character so far as I have heard, P. L. Carbone being the only one to actually leave the country. His habit of dropping over to Europe every summer seems to be getting chronic.

It makes the collision between the steamer "Tremont" and yacht "Wild Duck" sound nearer when we learn that J. M. Tuohy was on board the former and escaped by jumping to the deck of the rescuing steamer. His story proves that the newspaper accounts were modified to benefit the steamship company, as he saw several passengers go down between the vessels and the danger to all on board was considered much more imminent than reported. He lost a brand new hat and knows enough to feel very grateful to have a head left to put the next one upon. He credits one so-called life preserver to his account with the steamship company, interesting from the fact that it is partly filled with lard-rushes and is much in the nature of a fake. Pretty place to work the great American business principle!

J. S. MANSTER.

NEW YORK.

Club Outing.

The Florists' Club's excursion to Lo-eust Point July 8 was not as well attended as was expected. The weather and general misunderstandings were responsible. However, those who went are reported to have had a good time. The ladies had a bowling match at the grove and this proved one of the most exciting events of the day.

A baseball game between the "Boiler Men" and "Florists" was quite an affair. The former won with a score of 13 to 8. The fat men's race was won by Traendly, who went it alone, quite a distance. A meeting of the club was held on the boat, President Sheridan presiding. Messrs. O'Mara, Manda, Burns, May, Dean, Burnham and Duckham were appointed a committee to nominate officers for next year. Arthur Herrington informed those present that Mr. Twonbly had offered \$100 as a special prize for the Madison Square show next fall. The meeting adjourned till the 15th.

Various Items.

Quite a few florists have sailed for Europe the past week or so. P. Onwkerk, Julius Roehrs, H. A. Siebrecht and wife and Thomas Young, Jr., were among the New Yorkers bound for a pleasant time in Europe. Most of those left behind steal away for a day or two to escape the boiling city.

A vast amount of flowers have been sent to outgoing steamers lately; it would appear that the old custom is be-

ing revived, but instead of incongruous designs, the tendency seems to be toward boxes of flowers. The leading florists make quite a display with wagons and liveried folks at these steamers. A special messenger with flowers from H. H. Battles, Philadelphia, made the New York coons show white eyes at the sailing of the Deutschland on Thursday.

Flowers of mostly all sorts have been extremely scarce; scarcely any roses are coming in, and sweet peas have been very much damaged by hot weather. Those having Victorias and Brunners are getting their own prices for them.

Lucatos, the Greek florist of Seventy-fourth street and Columbus avenue, is dead.

Richard Griggs, the well known Dutch-ess county gardener, has taken a position with Reuter on the John Spalding place at New London, Conn. Mr. Reuter, of Westery, R. I. recently purchased that old landmark and has also opened a store in New London, which Richard and his daughter will manage.

At the special meeting of the Florists' Club held on Monday night convention matters were discussed pro and con. The train will leave West Forty-second street at 9 a. m., foot of Franklin street, at 8:45 a. m., on Aug. 5, arriving at Buffalo at 7:30 p. m. If 100 can be got to go a special train will be provided. The fare will be \$10.75 excursion, on the certificate plan. It is earnestly hoped a very large delegation will go from this city. The headquarters of the New York club will be at the Larkin Flats, Buffalo. The outing committee's report will be left over until the meeting after the convention. The affair was a financial failure, but gave pleasure to those attending.

Joe Manda exhibited a splendid specimen *Onidium flexuosum*, for which he was awarded a certificate of merit. Young & Nugent offered \$25 for twenty-five American Beauties at the club's fall show. The supplementary schedule for the New York show will be issued early in September.

Bowling.

The return match between the Flatbush and New York Florists' Bowling Clubs took place on Monday night on the alleys of the latter. The weather was intensely hot and only cranks enjoyed the sweatbox. Flatbush was represented by a weak team, they even having to borrow a New York man. Of course, they were beaten, but they won the last game and succeeded in piling up the highest game of the tournament. Following are the scores:

NEW YORK.		FLATBUSH.	
Lang	121 122 167	Leniz	140 141 169
Traendly	145 140 136	Schultz	141 151 149
Siebrecht	130 140 118	Raynor	135 136 111
Burns	142 150 153	Woecker	167 121 122
Theilmann	152 110 110	Riley	152 143 200
	783 754 744		696 732 811

A meeting of the bowling club will be held at Traendly's store on Monday next at 7 o'clock. All members are urgently requested to attend. Bowling next Monday night will be on the new alleys at Thirty-first and Broadway at 8 p. m.

J. I. D.

SEND ADVS. NOW for the annual Convention Number of the Florists' Review to be issued Aug. 8th.

YOU WILL find all the best offers all the time in our classified ads.

ST. LOUIS.

The Picnic.

The Florists' Club outing last Thursday at Preister's Park was decidedly a social success and a most enjoyable affair. The party included over sixty and many of the florists were accompanied by their wives and children. The weather was perfect, it being an ideal summer day. All the arrangements were in the hands of the trustees, Messrs. Fillmore, Halstedt and Mohr. The boys and girls missed the jubilee singers and cake walkers of last year but the band furnished by Belleville was O. K. and made fine music for dancing and singing. The younger folks had a great time dancing up in the cool pavilion overlooking the lake. There were no games for the children as usual. The men folks enjoyed themselves bowling and playing quints. We had a great time and those who failed to come missed it very much. At 9 p. m. the cars were in waiting and everybody expressed themselves as having had a good time.

The Market.

Business conditions remain unchanged; there is a fair demand for first quality stock which is very scarce and the retailers are compelled to take the poor stock to fill their orders. The store men are very much dissatisfied with the poor flowers that are coming into our wholesale market and are sending outside for most of their stock, which seems a little better than the local stuff.

Roses are still quoted from \$1 to \$3 per 100 with Kaisersins in the lead for the demand at \$4 for the best; Brides and Maids as a rule are very poor with short stems; Beauties seem all out and very few come in.

Carnations are of poor quality and only white seems to sell well; the colored stock is very small and is unsalable; \$1 per 100 is the price asked. Asters meet with ready sale at \$1 per 100 but are scarce. Tuberoses are now coming in and sell for 5 cents a stalk; single flowers are \$1 per 100. All kinds of greens are selling well just now. Funeral work is all we have got to depend on for business and even that class of work has been scarce with some of the dealers.

Notes.

J. F. Windt left last week for California to spend the summer. This is Mr. Windt's first visit to the Pacific coast.

John Young and wife will soon leave for Atlantic City to spend the summer. John will not be at the convention this year.

Will Young and family will leave this week for the east and will take in the Pan-American about convention time.

...e next meeting of the Florists' Club, on Thursday, Aug. 1 at 3 p. m., will be a very important one and the members should attend and see that we elect good officers for the ensuing year, as good officers mean a great deal for the club the coming year. We want the S. A. F. convention the year of the great World's fair, and this means plenty of work ahead, but if the members will only work together, attend the monthly meetings of the club and bring in a few new members the club will be in good shape to entertain the S. A. F. and other visitors during the World's Fair year.

The bowling club on last Monday de-

ecided that the members had lost all interest in bowling and that the club disbanded. The few who still have the bowling fever will join the city league this winter and if we can get enough, and we need only six, will put a team of all-florists in the big St. Louis league which is now being formed. The team will probably be made up of the following florist bowlers: C. A. Kuehn, A. Y. Ellison, J. J. Bencke, Carl Beyer, John Kunz, F. C. Weber and F. M. Ellis.

St. Louis will not be represented at the Buffalo convention, that meet is settled. Too bad for us and a good thing for the other clubs. — J. J. B.

PHILADELPHIA.

The Market.

The cut flower market is in good shape for the end of July. There is an excellent demand for the rather small quantity of good flowers coming into town. Most of the roses are poor, but the good ones readily bring \$4, \$5 and even \$6 per 100. Carnations are getting poorer; they bring from \$1 per 100 down. Asters are partially taking their place and can now be had in a variety of color; \$1 per 100 is the usual price, but a few bring more. Double petunias are very useful; 75 cents per 100 is about the rate. A. L. Pallett, of Frankford, has a new fringed white one which is a good seller. There is quite a lot of nice valley about. Both S. S. Penneck and George M. Moss are receiving regular shipments. Prices are \$2, \$3 and \$4 per 100. Sweet peas can still be had. Hollyhocks are about; also a few balsams, which seem a little out of date. There are some auratum lilies about.

Leo Niessen is receiving some good Beauties from Carl Jurgens of Newport. Unfortunately it cannot be said that this is "sending coals to Newcastle," for our Beauty growers have little or nothing fit to be seen now.

Various Items.

M. Rice noticed several interesting features in the florists' shops abroad. The French, who are noted for their taste, are devoting a good deal of attention to the dressing of plants. One idea that appeared popular was a tasty arrangement made by putting an azalea, for instance, in a straw basket; the plant is slightly tilted forward to display the blooms to advantage; at the back a T shaped stick is inserted and on it a second azalea is placed so as to keep the ball of earth below the crown of the first; the stick supports the second plant firmly; no pots are used, the balls being covered with moss. The plants are dressed with ribbon.

There is a growing demand in Paris for light handled baskets with zinc pans inside. These are used in a variety of ways, those filled with blooming plants and climbing vines that cover the handles being especially effective. Some are small enough for a single 2 or 3-inch fern. Another novelty is the plain birch bark cross, which when ornamented with a simple bunch, say of Beauties, tied with ribbon, has proved very taking. Penneck Bros. had, by the way, quite a run on these crosses last Easter.

Mr. Rice found a great improvement in crepe paper; it is now made much thinner than formerly and with a gloss that gives it a silky finish that is very pleasing.

J. F. & R. H. Mergenthaler, of East Washington Lane, Germantown, are making additions to their plant. They did well with roses last season.

W. T. Lovett, Newtown, Bucks county, is still bringing in some good Brides and Maids.

George E. Campbell is putting in a new boiler and repairing his houses. George E. would much prefer building new houses to monkeying with old ones, and it won't be long before he does build in all probability.

Henry F. Mielch is putting in new seed drawers and making improvements in the interior of his store, which will add to its appearance.

Charles Fox is staying with his son Charles H. Fox at La Belle Inn, Atlantic City, N. J.

Joseph Beers & Son have five acres of ground on the Linekin Pike above Haines street, on which they now have their entire plant, consisting of six fine greenhouses devoted chiefly to roses and carnations. Hydrangeas, a specialty at the old place (Sixteenth and Cayuga streets, sold about a year ago), are to be dropped as soon as the stock can be marketed. Two houses have been lately planted with Brides and Maids in sol beds; these houses have been run for two years, an unusual plan about here, and from all appearances might have been run profitably for another season, but it was thought best to replant this month. These houses produced very fine blooms, winning prizes and earning no inconsiderable reputation and cash in the past. Another house planted with the same varieties one year ago still looks well and will be kept at work for another year, it is thought, without rest. The carnations are all planted out in the field. The place is beautifully situated, the arrangement practical and the stock well grown. PHIL.

CANADIAN HORT. ASS'N.

A copy of the printed program for the fourth annual convention of the Canadian Horticultural Association, to be held at London, Ont., Aug. 5th and 6th, has been sent us. The program covers numerous live topics and should prove very interesting and instructive. Copies of the program may be had by addressing A. H. Ewing, secretary, Berlin, Ont.

CHICAGO.

The Market.

Roses and carnations are still poor and scarce, though the quality of the latter averages better now than that from outside plants are coming in. Last Sunday the thermometer went to 103, breaking all records for this city and the roses snow it by breaking all records for poor quality. Never before have roses been so poor here at any season and this has been the case for several weeks. Sweet peas have also suffered terribly from the great heat and there are practically no good ones to be had.

Supply is short of demand and most any sort of a rose will bring \$1 a hundred while the best go up to \$4. Good outdoor carnations are quoted at \$1 and some of the best whites go as high as \$1.50. Gladioli are now coming in in quantity and the best spikes of white and light colored flowers bring as high as \$6 while the average run go

at \$3. The light colored gladiolus has helped out many a florist who was unable to get good roses and carnations.

A few good asters are beginning to arrive but many of the plants have been burned out by the awful heat and the cut will probably be much less than usual. One grower who is bringing in good asters was enabled to do so through having provided an ample water supply and making liberal use of it.

Shipping demand holds up well for the season. Local demand is as slow as ever but there is difficulty in finding stock to fill what few orders are received.

All the wholesale houses are now closing at 5 p. m.

Various Items.

At the meeting of the Florists' Club last Friday evening the picnic and transportation committees reported progress and other routine business was transacted. This will be the last meeting until the fall season.

The Florists' Club's special train to Buffalo by the Wabash Railway will leave Dearborn station at 4 p. m., Monday, Aug. 5, and will reach Buffalo at 7:30 Tuesday morning.

McKellar & Winterson are having their entire establishment remodeled. New walls and ceilings will be put in, an immense new ice box built, and the whole place newly painted and decorated. The entrance will also be changed so that the store may be entered from the basement level the same as those south of them. One can then pass through all the wholesale houses on the basement level, without climbing a stair, and this route will be known as Cut Flower Avenue.

In years gone by when most of the retail florists were on Wabash Ave., when a "shopper" visited all the stores in succession with the intent of getting prices down to rock bottom by playing one florist's prices against the others, she was said to be "doing the avenue." The retailers will now have an opportunity to "do the avenue" and the wholesalers—if they can.

Wm. Kelley, the jolly Irish expressman who has done so much hauling for the wholesale florists and who was very popular on the market, died last Monday and was buried Wednesday. A handsome wreath was sent to the funeral by employees of the wholesale houses.

Lloyd Vaughan, representing E. H. Hunt, has returned from a successful trip through Michigan and Ohio. He is now preparing for the trip to Buffalo.

Recent changes at E. H. Hunt's have doubled the space devoted to the wire department and given much needed room.

Mrs. C. M. Dickinson returned last Monday from Seattle, Wash.

E. C. Amling has returned from his outing. He will soon make a trip east and will take in the Buffalo convention on his way back.

The Klinger Rose Co. has been incorporated with a capital stock of \$5,000, to carry on the nursery and floral business. The incorporators are H. G. Chamberlain, J. D. Marmaduke and F. Ross.

H. Bayersdorfer and wife, Philadelphia, are in town.

Bowling.

The last four of the final ten games were rolled last Tuesday night and the scores of the ten games appear below. The first six will constitute the team to represent the club at Buffalo. If the boys can show up such averages at the national tournament they ought to make a clean sweep. Messrs. Paulus and Grant still have some games to play, but it is

unlikely the result will be changed as regards the team. On next Tuesday the team will play a few more games to keep them in form. The team is now in charge of Captain Winterson, who will direct future training. The Edgely cup was ordered polished and expressed to the chairman of the committee on sports at Buffalo. Following are the scores of the deciding ten games:

Joe. P. Forster	161	160	199	183	186	234	154	173	165	171	186	180
E. J. Hauswirth	192	211	202	163	165	170	177	167	174	174	176	176
Joe. DeMan	184	156	157	189	153	149	198	167	187	197	1727	373
P. F. Winterson	158	181	181	181	182	148	162	164	161	167	167	166
Geo. Ammus	179	179	160	156	162	162	162	162	162	162	162	162
F. Strey	190	172	185	162	141	191	167	161	161	161	161	161
C. Balluff	123	160	161	166	161	170	187	141	140	153	1602	161
Geo. Stollery	158	159	151	153	183	128	159	122	172	156	157	157
F. F. Matti	148	164	149	149	169	178	151	157	141	174	156	156
G. L. Grant	192	150	149	148	144	....	....	....	....	....	793	129
Jno. Paulus	126	119	115	136	163	153	....	....	....	....	793	132

The Club's Picnic.

The Florists' Club's picnic at Riverside yesterday (Wednesday) was a huge success. About 200 were present at the grounds, the number including many from out-of-town points. There were races, games and dancing, and twenty prizes were distributed. The game of baseball between the Retailers and the Growers resulted in a score of 8 to 6 in favor of the Retailers. There was plenty to eat and drink, and Ed. Winterson and Charley Balluff, in granger hats, dispensed the liquids with frills and tucks, but without gores.

All present enjoyed themselves heartily. The liveliest fun of all was when the pair of lady's garters was presented to Anton Then for his graceful waiting.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement cost exceeds \$3.00, send the rate of one cent for each additional word.

WANTED—Price on 50 boxes 14x14, 16x16 and 18x18 double strength A glass. T. Kloss, St. Peter, Minn.

FOR SALE—40 boxes double strength 14-in. A and B glass; also one Hitchins No. 18 corrugated fire-box boiler, in use five seasons; as good as new; write for prices. Carl Raub, Springfield, Ill.

FOR SALE—The most profitable retail cut flower store in the finest residence district of Chicago (Rogers Park); stock, ice box, counter, etc.; price, \$3,000. Address A. B. care Florists' Review.

FOR RENT—An establishment consisting of five acres of land, one dwelling house of 12 large rooms in fine condition, two barns, three greenhouses—one 10x23, two 10x10 all thoroughly heated; new boiler put in last October. capable of heating double the present requirements, or of growing greenhouses separately. Address A. B. care Florists' Review.

FOR SALE—\$55.00 cash buys hot water circulator with heavy door, frame and grate bars; will heat about 4,000 ft. and is in perfect condition. Geo. Staffinger, Springfield, N. Y.

FOR SALE—45 boxes, single, 45 boxes 10x12 second and third A glass, \$100. West Grove, Pa. Address: Alexander Waldbart, Hamilton St. and Horton Pl., St. Louis, Mo.

WANTED—Young plants of Papa Gontier rose, and the Purple & Conant Co., West Grove, Pa.

WANTED—Rose propagator of long experience, and unobscured skill; state age, experience, wages; send written testimonials. The Howland Nursery Co., Le Roy, N. Y.

WANTED—Expert rose propagator, capable of taking full charge of growing; must take stock in corporation, one to three thousand dollars, cash or to be paid in stock. Estimated sum per year; salary \$1,000; location extreme west. Address "Corporation" care Florists' Review, Chicago, Ill.

SITUATION WANTED—Private or commercial, charge or foreman; would rent good place, 5,000 ft. or less and land, between New York City and West. I have been in business and have tools; German; married; family: A 1 references. Address Joseph Braun, Lawrence Street, Galesburg, Pa.

WANTED—100 each—Passifloras in three best varieties; 3-inch bushy plants. The McGreger Bros. Co., Springfield, O.

AGAIN "ALL RIGHT."

Every florist or kindred tradesman will agree with me, I am sure, that the REVIEW is "all right."—CHRIST. BUSS-JAEGER, St. Paul, Minn.

1	2	3	4	5	6	7	8	9	10	Tot.	Av.
161	160	199	183	186	234	154	173	165	171	186	180
192	211	202	163	165	170	177	167	174	174	176	176
184	156	157	189	153	149	198	167	187	197	1727	373
158	181	181	181	182	148	162	164	161	167	167	166
179	160	156	162	162	162	162	162	162	162	162	162
190	172	185	162	141	191	167	161	161	161	161	161
123	160	161	166	161	170	187	141	140	153	1602	161
158	159	151	153	183	128	159	122	172	156	157	157
148	164	149	149	169	178	151	157	141	174	156	156
192	150	149	148	144	....	....	....	....	....	....	793
126	119	115	136	163	153	....	....	....	....	....	793

A GOOD THING.

The classified ads. are a good thing. It is easy to find just what is wanted, and I think it is only a matter of a little time before people generally will realize this.—S. M. HARRISON, Danville, Ky.

MONTEAL, CAN.—The Florists' Club's outing to Isle Gros Boise was very largely attended and was most enjoyable. There were some exciting running races by the men, women, young ladies, boys and girls, a cricket match, tug of war, etc.

Don't miss having a strong special adv. in the Convention Number of the REVIEW to be issued Aug. 8th.

WANTED—As partner, in a well established florist business, a man with \$50 to \$1,000 capital; must have an intelligent idea of growing bulbs and carnations, etc.; this is an excellent opportunity for a young man, address M. R. care Florists' Review.

SITUATION WANTED—As working foreman on commercial place; 15 years' practical experience; best of references; single. Address Ed. Wiseman, 601 N. 10th St., St. Joseph, Mo.

FOR SALE CHEAP—One second hand 20 horsepower Atlas Horizontal steam boiler, with dome attached; complete for setting up except stack; will be sold at a bargain; has been in use but short time. G. Van Bechovet & Bro., Kalamazoo, Mich.

SITUATION WANTED—By steady, industrious man; experience growing cut flowers and plants; interested worker. W. Tensley, General Delivery, Troy, N. Y.

WANTED—By August 1st, competent, reliable and experienced grower, capable of managing help and taking charge of four city greenhouses, for wages or on shares; latter percentage more than good wages for right party, but must be a man with unquestioned ability and character, and that is well versed in growing roses, carnations and general line of cut flowers; must be able to help out in Royal work, decorating and selling; permanent place for right party; single man; no family; must be well educated. For particulars address with reference, Sixth Avenue Greenhouses, Charles Otto Horn, Prop. Helena, Mont.

WANTED—A good girl for retail store, with or without experience; good home and steady employment; state price and make. Also 600 ft. 3-in. pipe; must be guaranteed good. C. J. Lampe Concordia, Kan.

WANTED—A second-hand hot water boiler; must be in good condition; to heat 3,000 ft. of glass, state price and make. Also 600 ft. 3-in. pipe; must be guaranteed good. C. J. Lampe Concordia, Kan.

SITUATION WANTED—A competent and reliable working foreman and manager, up-to-date in every particular. Address Reliable, care Florists' Review.

WANTED—Two young men for greenhouse work; good wages to workers. Morton Grove Greenhouses, Morton Grove, Ill.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; seen good retail and wholesale trade; price \$6,000. Use of 2 or 3 acres adjoining houses free of charge. Address 25, care Florists' Review.

WANTED—A young man who can grow good roses and carnations; \$400 per month to start; permanent place for reliable man. John Fallon, Stanton, Va.

SPECIAL.

McKellar & Winterson's Annual Clearing Sale.

To reduce our stock of Florists' Supplies we offer the following goods at these greatly reduced prices during the months of July and August only. Prices quoted are subject to goods being unsold on receipt of order. Get your order in quick to insure filling at these prices, which is a rare opportunity to stock up on seasonable goods.

RIBBONS—Best Florists' Satin Ribbons, any colors.

Size	No. 9	No. 12	No. 16	No. 22	No. 30	No. 40	No. 60
Price per bolt, 10 yards	75c	90c	\$1.10	\$1.25	\$1.50	\$1.75	\$2.00

We have an immense stock of Ribbons and can fill orders on short notice.

400 bales Spharum Moss, burial, per bale, \$1.00; 8 bales, \$5.00; 10 bales, \$7.50
 1600 plugs French Green Moss, per pkg., size 10 plugs, 5c; 25 plugs, \$1.50; gr. \$7
 300 lbs. Tin Foil, per lb., 10c; 4 lbs., 45c; 10 lbs., 85c; 25 lbs., \$2.40; 100 lbs., \$8
 250 1st quality Doves, each, \$1.00; 6 for \$5.00; per doz., \$9.00
 1200 rolls Chenille, all sizes and colors.

Small	per roll, 2 1/2	3	6	rolls, \$1.00	12	rolls, \$1.75
Medium	2 1/2	3	6	rolls, 1.25	12	rolls, 2.00
Large	3	6	12	rolls, 1.50	24	rolls, 2.50

3000 Cycles Leaves, Perpetual, finest quality, all sizes.

24 to 36-inch leaves, assorted	per doz.	\$2.00
36 to 48	per doz.	3.00

100 Cycles Wreaths, excellent quality, 26-in., each, \$1.50; 24-in., \$2.00; 30-in., \$2.50; 36-in., \$3.00; 40-in., \$4.00.

2000 Artificial Palm Plants, select stock. Small plants, 3 leaves, per doz., \$3.00. Medium plants, 5 leaves, per doz., \$4.00. Large plants, 8 leaves, per doz., \$5.00. Tree Palms 5 to 12 ft. high, \$5.00 to \$6.00 ea.

1000 Reams Tissue Paper, Manila, per ream, 400 sheets, 50c; 10 reams, \$4.25

200	White	\$1.00	2.00
200	Wax Manila Paper	1.40	13.00
200	White	1.50	18.00

2000 Rolls Crepe Paper, fine quality, all colors, per doz. rolls, \$1.00; 100, 7.00
 600 lbs. Cape Flowers, white, 1st quality, per lb., \$1.00; 5 lbs., 4.50
 200 colored, all colors, 1st quality, 1.50; 7.00
 100 Pampas Plumes, white, per doz., 50c; 100, 2.50
 1000 colored, all colors, 70c; 100, 4.00

75,000 Pot Labels, best quality.

4-in., per 1000	\$0.30	4-in., per 1000	\$0.55
5-in., " " " "	.50	5-in., " " " "	.65
6-in., " " " "	.70	6-in., " " " "	.90
8-in., " " " "	.50	8-in., " " " "	1.20

In addition to above stock we have an immense stock of Jardinieres, Pedestals, Plant Stands, Fern Dishes, Wheat Sheaves, Plant Tubs, Cut Flower Vases, Flower Boxes, Baskets, Pot Covers, Metal Designs, in fact all leading Florists' Supplies which we are selling out at correspondingly low prices. During the months of July and August we will allow the following special discounts on our catalogue prices: On Wire Work—on orders from \$10.00 to \$25.00, cash discount of 30 per cent; \$25.00 to \$50.00, 35 per cent; \$50.00 to \$100.00, 40 per cent. On Wheat Sheaves, \$10.00 to \$25.00, 20 per cent; \$25.00 to \$50.00, 25 per cent. We make up fresh sheaves on all orders where time permits.

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

CINCINNATI

The Market.

As far as the wholesale houses are concerned, business is as near to a standstill as it ever is, and this is due not so much to lack of demand as to the extreme shortage of stock of every kind. There is practically nothing coming in. Some few growers are carrying over a house or two of carnations or roses, but the quality of this stock is so poor as to scarcely pay for the cutting. Out door stock is in nearly all cases at a standstill, owing to the extreme heat and lack of rain. What little is cut looks pretty much dried up. There are a few tuberoses coming in and they are snatched up at good prices. A few second crop sweet peas are also in evidence.

Club Outing.

The florists annual outing took place last Thursday. The day was awfully hot, but still a good number of the craft braved the sun and had a fine time. There were bowling contests and ball games between growers and store men, but the scores in most cases would not look well in print. The cigars, however, which were the prize offered, were all right and were appreciated. To show how well the committee on prizes did their duty and incidentally the spirit of generosity which pervades the average Cincinnati florist, I would like to mention that our friend, Chas. Critchell, was obliged to stand at the gate and present a cigar to every corner. But please don't ask Charlie as to the goodness of those cigars.

The star event of the day was the bicycle race. This was won by Mr. Gray. He showed that he was a rider from way back, no one else being in it with

Carnation Plants Wanted!

10,000 or any part of it. Standard Varieties 10,000 only. To be delivered in August.
 State prices. Terms cash. J. LOUIS LOOSE, Washington, D. C.

Mention The Review when you write.

Burpee's Seeds Grow

him for a minute. Every one arrived home tired, but wishing they could go to a picnic every day. So does the committee.

The writer leaves for Buffalo Saturday and hopes to be able to see and say a little something about the Pan-American and the work of our friend Mr. Scott. C. J. OHMER.

FERTILIZERS FOR FLORIDA.

In answer to "Florida," who requests information about best fertilizers for roses—In Florida light soils we have found the best fertilizers to be "blood and bone" of highest grade, supplemented with a fair proportion of sulphate of potash. Quantity must be according to the needs of the soil, varying greatly in this State. We apply about three times per year. REASONER Bros., Oneco, Fla.

THE BEST.

I find your paper the best for the working florist. Long may it live.—W. E. KING, E. Santa Cruz, Cal.

LOOK!!

- 3 Pandanus Utilis, 10 feet
- 1 Pandanus Veitchii, 10 feet
- 1 Rhaps Flabelliformis, 10 feet
- 7 Lantana Borbonica, 7 feet, 14 lvs.
- 2 Cyas Revoluta, 10 feet

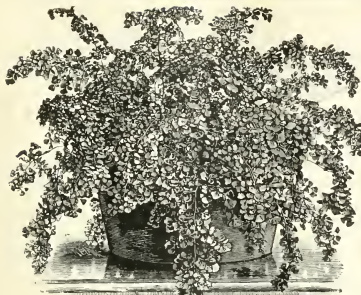
All plants in 28-in. tubs and are in the finest condition. I will sell the entire lot cheap. Address

J. L. ELLIOTT, P. O. Box 262, BETHLEHEM, PA.

Mention The Review when you write.

GEORGIA HORT. SOCIETY.

The twenty-fifth annual session and exhibition of fruits, plants and vegetables of the Georgia State Horticultural Society will be held at Milledgeville, Ga., Aug. 7 and 8. Full details may be had by addressing the president, P. J. Berckmans, Augusta, Ga., or the secretary, G. H. Miller, Rome, Ga.



ADIANTUM CUNEATUM.

DREER'S FERNS.

Our stock of Ferns, as usual at this season of the year, is very complete, and now is a good time to stock up for fall and winter use. The plants are all open frame grown, well hardened and in prime condition to ship.

	Inch Pots.	Per 100	Per 1000
<i>Adiantum Emblum</i>	3	\$ 8.00	
.. <i>Bellum</i>	2	3.00	
.. <i>Bassel</i>	3	8.00	
.. <i>Capillus-Veneris-Mariesii</i>	4	15.00	
.. <i>Cuneatum</i>	2	3.50	\$30.00
.. ..	3	6.00	50.00
.. ..	4	10.00	
.. ..	5	15.00	
.. <i>Graudiceps</i>	4	12.00	
.. <i>Decorum</i>	2	4.00	
.. <i>Farleyense</i>	3	15.00	
.. ..	4	40.00	
.. ..	5	70.00	
.. <i>Fergusonii</i>	3	10.00	
.. <i>Formosum</i>	3	8.00	
.. <i>Gracillimum</i>	2	4.00	35.00
.. <i>Mundulum</i>	2	5.00	
.. <i>Lathomi</i>	2	10.00	
.. <i>Polystichum Coreaceum</i>	2 1/2	5.00	10.00
.. <i>Setosum</i>	2 1/2	4.00	35.00
<i>Pteris</i> <i>Adiantoides</i>	2 1/2	3.00	25.00
.. <i>Argyrea</i>	2 1/2	3.50	30.00
.. <i>Cretica Alba Lineata</i>	2 1/2	3.50	30.00
.. <i>Blaurita Argentea</i>	2 1/2	4.00	35.00
.. <i>Magnifica</i>	2 1/2	3.50	30.00
.. <i>Hastata</i>	2 1/2	3.00	25.00
.. <i>Internata</i>	2 1/2	3.50	30.00
.. <i>Leptophylla</i>	2 1/2	3.50	30.00
.. <i>Ouvrardii</i>	2 1/2	3.50	30.00
.. <i>Serrulata</i>	2 1/2	3.00	25.00
.. <i>Cristata</i>	2 1/2	3.50	30.00
.. <i>Sieboldii</i>	2 1/2	3.50	30.00
.. <i>Palinata</i>	2 1/2	3.50	30.00
.. <i>Victoria</i>	2 1/2	4.00	35.00
.. <i>Voluita</i>	2 1/2	3.50	30.00
.. <i>Wimsettii</i>	2 1/2	3.50	30.00
<i>Selaginella</i> <i>Emiliana</i>	2	3.50	30.00
.. <i>Denticulata</i>	3	5.00	
.. <i>Kraussiana Aurea</i>	3	5.00	

	Inch	Per	Per 100
<i>Adiantum Pubescens</i>	2 1/2	\$ 3.50	\$30.00
.. <i>Rhomboidum</i>	2	8.00	
.. <i>Rhodophyllum</i>	2	5.00	40.00
.. ..	3	8.00	70.00
<i>Aspidium Tussimese</i>	2	4.00	35.00
.. ..	3	6.00	50.00
<i>Asplenium Obliquolum</i>	3	8.00	
<i>Cytromium Falcatum</i>	2 1/2	4.00	35.00
.. <i>Fortunei</i>	2 1/2	4.00	35.00
<i>Davallia Filijensis Plumosus</i>	2 1/2	6.00	
.. ..	3	10.00	
.. ..	4	15.00	
.. <i>Stricta</i>	2 1/2	4.00	35.00
.. ..	4	12.00	
.. <i>Pentanthylla</i>	3	8.00	
<i>Dicksonia Antarctica</i>	4	15.00	
.. ..	6	60.00	
<i>Doreopteris Nobilis</i>	2 1/2	6.00	
<i>Doodia Aspera Multifida</i>	2 1/2	4.00	35.00

	Inch	Per	Per 100
<i>Lactrea Aristata Variegata</i>	2 1/2	\$ 4.00	\$5.00
.. <i>Chrysoleba</i>	2 1/2	4.00	35.00
<i>Lomaria Ciliata</i>	2 1/2	4.00	35.00
.. <i>Gibba</i>	2 1/2	4.00	35.00
<i>Microlepia Hispida</i>	2 1/2	6.00	
.. <i>Hirta Cristata</i>	2 1/2	6.00	
<i>Nephrodium Hertipes</i>	3	8.00	
.. <i>Bostoniensis</i>	2 1/2	4.00	35.00
.. ..	3	8.00	
.. ..	6	30.00	
.. <i>13-in. pans</i>	2 1/2	4.00	35.00
.. <i>Philippense</i>	4	15.00	
.. <i>Pectinata</i>	4	15.00	
.. <i>Cordata Compacta</i>	2 1/2	4.00	35.00
<i>Niphobolus Lincoln</i>	4	15.00	
<i>Onychium Japonicum</i>	2 1/2	4.00	35.00
<i>Platylova Falcata</i>	3	6.00	
<i>Polypodium Aureum</i>	2 1/2	4.00	35.00
.. <i>Areolata</i>	2 1/2	4.00	35.00

SPECIAL PRICES will be furnished for large quantities on application. For a full line of Decorative Plants and other Seasonable Stock see our Quarterly Trade List.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

50,000 Geraniums! AT REDUCED PRICES.

If you are in need of any of the following stock get your orders in at once and we will furnish you with strictly first-class stock in any quantity for little money.

GERANIUMS. S. A. Nutt, best double crimson; Bruanti, semi-double scarlet; Grant, double scarlet. Strong plants from 2 1/2-inch pots, \$1.25 per 100, \$12.00 per 1000. France Perkins, double pink; Beaute Poitevine, semi-double salmon; E. G. Hill, single salmon; La Favorite, double white; J. M. Gaar, single white; Mme. Jaulin, semi-double, pink center, white tip; Mme. Bruant, Strong plants from 2 1/2-inch pots, \$1.50 per 100, \$15.00 per 1000. All the above varieties in rooted cuttings, \$1.00 per 100, \$9.00 per 1000.

NOTICE. The above stock is guaranteed strictly first-class and worth twice the money.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill. Mention The Review when you write.

XXX PANSY

SEED OF FINEST GIANTS. The best of the mammoth flowering varieties, critically selected, mixed, 400 seeds, \$1.00; half pkt., 50c.

PANSY, BUFFALO. New Giant Fringed and Fimbriated, Grand, mixed, 600 seeds, 50c.

CINERARIA—Best dwarf; 1000 seeds, 50c.

PRIMULA OBC GRAND 1000 seeds, 50c.

CHINESE PRIMROSE. 500 seeds, \$1.00.

PRIMROSE PLTS. Ready August 15th, \$2.00 per 100.

A packet of the new, ever-blooming Forget-me-not "CONFERENCE" added to every order.

JOHN F. RUPP, - - - Shiremanstown, Pa. The Home of Primroses.

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..PALMS..

Special offer of *Latania Borbonica*

Notice the number of leaves on each plant.	5-inch pots, 5 to 7 leaves,	6-inch pots, 6 to 8 leaves,	7-inch pots, 7 to 9 leaves,	Per doz.	Per 100
	\$5.00	8.50	12.00	\$40.00	70.00
					90.00

SPECIAL attention is drawn to the fact that these plants are **Perfect,** grown stocky, are clean and of good color.

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THE BEST OF RESULTS.
Our small adv. in your paper has given us the best of results.—G. VAN BOCHOVE & BRO., Kalamazoo, Mich.

THANKS TO THE REVIEW.
I am all sold out, thanks to the REVIEW.—S. S. PECKHAM, New Bedford, Mass.

**CANADIAN HORTICULTURAL
ASSOCIATION CONVENTION,
5th AND 6th AUGUST, AT
LONDON, ONT.**

Programmes have now been sent out to all addresses obtainable by the secretary. If any one has been left out a postal card to the secretary, A. H. Ewing, Berlin, Ont., will bring one by return mail. All railroads running into London are giving single fare return tickets good for ten days from August 3d to 13th and probably a special train will be run from Toronto and Detroit. This is a rare opportunity for florists and "ornamental horticulturists" to turn out in full force. There is no doubt of the benefit to be obtained by everybody in the profession. The London Horticultural Society holds its annual summer show on the 6th of August. Trade exhibits will be set up in the same hall.

Cheap Rates to London.

The London Old Boys' Association have succeeded in obtaining single fare round trip tickets good for ten days from all points in Ontario and Quebec. Delegates to the London convention of the Canadian Horticultural Association should bear this in mind and ask their agent for certificate to attend the London Old Boys' Reunion, which will entitle them to free return trip ticket, on being countersigned by the secretary of the London Old Boys' Association and the railroad agent at London. The secretary of the association assures me today that there will be at least 500 tickets in addition to the special excursions, so that I feel confident in assuring delegates of cheap rates.

WILLIAM GAMMAGE,
London, Ont., July 22.

CHICAGO TO BUFFALO.

The Chicago Florists' Club transportation committee has arranged with the Wabash railway for a special train to Buffalo for the convention of the Society of American Florists, August 6 to 10.

The train will leave Monday, August 5, at 4 p. m. and will reach Buffalo at 7:30 Tuesday morning. The committee is assured of an unusually well appointed special train. The rate will be \$13 for the round trip, and less should there be any cut in rates by the railroads for that week. The sleeping car fare will be \$3 a berth each way. An excellent dining car service is assured.

Florists in the west and northwest are cordially invited to travel with the Chicago party.

Berths may be reserved by addressing any member of the committee as below:

G. L. GRANT,
334 Dearborn street,
P. J. HATSWEITH,
223 Michigan avenue.
E. F. WINTERSON,
45 Wabash avenue.

BETTER RESULTS.

I shall continue to patronize your columns by giving you a greater proportion of my advertising, as the REVIEW gives me better results.—JOSEPH HEACOCK, Wyncote, Pa.

READERS will confer a favor by sending in items of trade interest.

E. H. HUNT

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**Wholesale
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Hunt's Flowers Go Everywhere.

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Write for special quotations on large orders.

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Manufacturers of the Patent Wire Clamp Floral
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CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...
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Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

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Nephrolepis Wittboldii

You already know what Henry A. Dreer, Philadelphia, and A. J. Baldwin, Newark, O., think about Nephrolepis Wittboldii. Here is what the E. G. Hill Co. say about it:

The E. G. Hill Co.,

Wholesale Florists.

Richmond, Indiana, June 24th, 1901.

The Geo. Wittbold Co.,
Chicago, Ills. 1657 Buckingham Place.

Gentlemen: We are greatly pleased with your new Fern "Wittboldii" and predict for it great popularity. Our plants are now showing their true character, and it is hard to conceive a more beautiful plant. The fronds will certainly be in great favor for cut purposes.

Yours truly,
The E. G. Hill Co.

We are still supplying strong plants of Nephrolepis Wittboldii, "The Great Fern of the Future," at \$1.00 each, \$10.00 per doz.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Maplewood Cut Flower and Plant Co.

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Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own-grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity.

TRY US.

BRANT & NOE 124-128 Sixth Street N.

California Grown Bulbs.....

Calla Lilies, monster bulbs	100	1000
" 6-in. circumference	4.00	\$35.00
" 5-in. "	3.50	30.00
" 4-in. "	3.00	25.00
" 2 1/2 to 3-in. "	2.00	15.00
Narcissus, Paper White	1.00	7.50
" Incomparable	75	3.00

Send for price list of Japan Lily Bulbs: also Young Palms, California Grown Camellias and Araucarias.

F. LUDEMANN,

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EVERY FLOREST OUGHT TO INSURE HIS GLASS AGAINST

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Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

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To get stock of Well-Tested Novelties of 1899, 1900 and 1901 varieties: Annibal, Dr. Despres, H. De Farville, Madagascar, Rene Hazen, Jean Labor, Prediction, Jules Claretie, Apothose, La Francheur, Cinnarosa, Emanuel Areze, Manteau De Feu, Mme. Goyeux, Profusion, Dr. Beaumetz, Mme. L. Noisette, Thos. Meehan, Mme. Landry, Jean Viaud, Mark Twain, Dryden, Bellerophon, Clyde and Jules Lenaitre, from 2 1/2 and 3-inch pots. The entire collection of 25 varieties, including one Little Fink, for \$2.50. Also Standard Varieties from 3-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Heteranthe, Nutt. W. E. HALL, CLYDE, OHIO.

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Convention Number of the Florists' Review,

To be Issued AUGUST 8th.

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GALAX LEAVES, Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

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THE FLORESTS' MANUAL.

A Reference Book for Commercial Florists

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERA.

XX ALTERNANTHERA. Three varieties, red and yellow, \$2.00 per 100; \$18.00 per 1000, fine bushy plants. Three large *Cycas* *rotundata* and other large palms. Will sell for half price to make room. J. J. Brozat, 592 Central Ave., Newark, N. J.

XX major and Auren nana, \$2.00 per 100; \$18.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Alternanthera, red and yellow, 5-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Alternanthera, red, \$1.50; yellow, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternanthera, fine pink, 2½-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

ALYSSUM.

Alyssum. Dbl. Giant, 2-in., \$2.00; 2½-in., \$3.00; 3-in., \$4.00. Cuttings, \$1.00 per 100; \$8.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Alyssum. Double Giant, 2-in., \$2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. A bargain. 400 4-year-old roots, \$12.50 per 100, or the lot for \$40.00, sold for want of height to grow. Sold 500 strings from 8 to 10 ft. long this year. Will cut more and longer next. Cash with order. H. W. Owen, Tougenkenam, N. J.

Asparagus, 2-in. pots, per 100: Sprenger, \$2.00; plumosa, \$2.50; decumbens, \$6.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

ASPARAGUS PLUMOSUS NANUS. Cut strings 8 feet long, 50 cents per string. W. E. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprenger, in 4-inch, full of roots and bushy; a few hundred for \$7.00. Cash. G. H. Dodge, Billerica, Mass.

Asparagus Sprenger, 3-in., \$2.00 per 100. Plumosa, \$2.50 per 100. Cash with order. L. Ulrich, Tiffin, Ohio.

Asparagus plumosus, strong plants, \$2.00 per 100; \$25.00 per 1000. W. D. Chase & Son, New London, Ohio.

Asparagus plumosus, 3-in., \$5.00 per 100; \$40.00 per 1000. Send for sample. A. M. Herr, Lancaster, Pa.

A fine lot of 3-in. Sprenger at \$5.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Asparagus Sprenger, per 100: 3-in., \$1.50; 2½-in., \$2.00. M. J. Coventry, Fort Scott, Kan.

Asparagus plumosus nanus, fine, 2½-in., \$3.50 per 100. Cash. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus Sprenger and plumosus. Geo. A. Kohl, Pekin, Ill.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

Asparagus Sprenger, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASTERS.

Asters. In separate colors, pink, white and crimson, one, strong, 2-in. \$1.50 per 100; \$12.00 per 1000. C. Humfeld, Clay Center, Kan.

AZALEAS.

Azalea Amoena, one of the choicest hardy, shrubs. Two varieties, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Sauer & Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list. BOBIN & ATKINS, RUTHERFORD, N. J.

BEDDING PLANTS.

TO CLOSE OUT—Canna, Austria, out of 4-in. pots, \$4.00 per 100; Burskian, Italia, Austria, from bench, \$3.00 per 100; mixed, in good varieties, \$2.00 per 100. Alternanthera, Red and Yellow, \$1.00 per 100; \$8.00 per 1000; Calladiums, started out of 4-in. pots, \$4.00 per 100; Begonias, in bent varieties, 2-in. pots, \$2.00 per 100; Tuberosa rooted, good stock, \$5.00 per 100. Satisfaction guaranteed. Cash with order. GEO. L. MILLER, Newark, Ohio.

NOW LEFT!

50 assorted VERANDA VINES, pot grown, 4 and 5 year old, AKERIA QUINATA, AVISTA, RIA, HONEYUCKLE and CLIMBING ROSE, 50c, 75c and \$1.00 each. 20 ENGLISH IVIES, \$2.00 per 100; \$1.50 per doz. 150 ENGLISH IVIES, 8 ft. long, \$3.00 per doz. 150 VINCA VARIEGATA, 4-in. pots, \$1.75 per doz. 100 GERMAN IVIES, 3-in. pots, 5c each. 200 CANNA, 4-in. pot, and Henderson, \$5.00 per 100. 300 AGEALATUM, blue, \$2.00 per 100. 100 ALTERNANTHERA, red, \$2.50 per 100. 200 SCHEVERIA GLAUCA, \$3.00 per 100. 500 single FETTERIA, fine strain, 3-in. pots, \$3.00 per 100. 1000 transplanted PHLOX DRUMMONDI, white, \$1.00 per 100. 1000 double ALYSSUM, 3-in. pots, \$3.00 per 100.

Wanted—A customer for 1000 good cut Carnations weekly, at \$1.00 per 100. Cash with order. JOHN JACK, 1000 10th Street, CINCINNATI, O.

FOR SALE OR EXCHANGE—Bargains for somebody. Per 100

200 Artillery Plants, 2½-in. pots.....\$ 2.00
200 White Spiders, 3-in., fine.....1.50
200 Begonia, Vernon, 2½-in., in bloom.....2.00
200 Echeveria Glauca, strong clumps in flats, last Fall's divisions.....2.00
150 Heliotrope, blue, 2½-in.....2.50
200 Heliotrope, blue, 3-in.....2.50
50 Rose Geranium, 4-in.....3.00
75 Single Pink Geranium, 3-in., bud and bloom.....3.00
50 Tuberosa Begonias, 2½-in.....3.00
100 Cuphea, 4½-in.....1.50
250 Alternanthera, red, 2½-in., fine.....1.50
Stock offered is all O. K. Cash with order. Or will exchange for Violet Plants, Canna, Plumosa or Sprenger, Small Ferns, Cyclamen, Primroses, etc. D. WM. BRAINARD, Florist, Thompkinsville, Va. BURNING, Pease and Garden Sites.

Geraniums. A few thousand geraniums, 4-in. stock, in fine condition, in bud and bloom, \$5.00 per 100. Heliotrope, four varieties, 4-in. pots, \$4.00 per 100. Call for price list. Parkville Nurseries, Brooklyn, N. Y., Coney Island Av.

TO CLOSE OUT—5,000 Red Alternantheras, \$7.50 per 100; 2,000 Yellow Alternantheras, \$2.50 per 100; 2,000 Assorted Geraniums, 4-in. pots, \$4.00 per 100. Cash with order, please. Parkville Nurseries, Brooklyn, N. Y., Coney Island Av.

Echeveria Californica, rooted offsets, \$1.00 per 100; \$2.00 per 1000. Cash. Mrs. M. E. Patterson, Glendale, Cal.

Echeverias, \$2.00 per 100. Cash. A. Claus, Springfield, Ill.

BEGONIAS.

Begonias Thurstoni and A. Gutta, 2½-in., 40c per doz.; 3-in., 60c per doz.; Pres. Carnot, 50c per doz.; Peasli and Starr, large plants, 60c per doz. Cash. A. J. Baldwin, Newark, Ohio.

Elegant 3-in. stock of Begonia Rex. Fifteen varieties, ready to ship, at \$10.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

BEGONIA REX, in 15 standard vars., from 2½-in. pots, \$4.00 per 100; 3-in. pots, \$6.00 per 100.

PAUL MADER, East Stroudsburg, Pa.

Begonia, 2½-in., 10 varieties, ready for 4-in., \$2.00 per 100. E. G. Bunyar, Independence, Mo.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1000. Cottage Gardens, Queens, N. Y.

Begonias, 3 varieties, 2½-in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

BULBS.

Calla lilies, monster bulbs, \$7.00 per 100; 6-in. circ., \$1.00 per 100, \$25.00 per 1000; 5-in. circ., \$3.50 per 100, \$30.00 per 1000; 4-in. circ., \$3.00 per 100, \$25.00 per 1000; 2½ to 3-in. circ., \$2.00 per 100, \$15.00 per 100.

Narcissus, Paper White, \$1.00 per 100, \$7.50 per 1000. N. Incomparable, 75c per 100, \$5.00 per 1000. Send for price list of Japan Lily bulbs; also young palms. California-grown camellias and araucarias. F. Ludemann, San Francisco, Cal.

Lilium longiflorum. Cold storage bulbs, 6 to 7-in., will produce 3 to 6 flowers, \$5.00 per 100; \$40.00 per 1000. Send for price list. Beware of Bermuda when you can have a sure thing? Edw. Adams, Wallace, Victoria, B. C.

Lilium Harrisii, sound, clean stock

587 12 \$0.40 \$ 4.25 100.00
789 extra refracted 1.50 10.00 30.00
781 extra refracted 2.00 20.00

Freezia, 1000 plants, 1½ in. pots, \$1.00 per 100; \$10.00 per 1000. % to ½ in., 1st size \$0.40 \$3.00
% to ¾ in., "Monster"90 \$5.00
% to 1 in., "BERGER & CO., 4 Barclay St., New York.

Many of the best growers consider our lilies superior to any in the market. You can have the same quality bulbs as they receive by ordering now. The bulbs have just arrived and are healthy, promising splendid results. 3 to 7-inch, \$4.00 per 100; \$30.00 per 1000. Case lots of 400 at 1000 rate. 7 to 9-inch, \$9.25 per 100; \$90.00 per 1000. Case lots of 200 at 1000 rate. Henry F. Mitchell, 1015 Market St., Philadelphia, Pa.

Zephyranthes rosea. Flowers profusely in hottest sun. Lasts several days when cut. Just the thing for florists. Flowering bulbs, 30c per doz.; \$2.50 per 100. A few white minis left at \$1.00 per 100 to close out. Canna and dahlia, mixed, strong roots, \$1.50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

Freezia Bulbs, per 100, prepared: ¾ to 1 in., \$1.25; ½ to ¾ in., \$1.00; ¼ and over, \$3.00.

Cyclamen giganteum, per 100 prepared: Pine dominant, \$1.50; strong roots, pine plants, \$1.00. Cash with order. Fred Kaffery, Hermosa Gardens, Santa Ana, Cal.

Lilium Harrisii. Just arrived in fine condition, ready for delivery. Priced on all bulbs. Tubers, plants and roots charged given by sending your list of wants to F. W. O. Schmitz, Jersey City, N. J.

F. W. O. Schmitz, \$7.00 per 100. Daffodils (Golden Candlesticks), \$5.00. Jonquilla (Campanella), \$4.00. Try a sample. Misses Wilson, Mildred St., Montgomery, Ala.

Our wholesale trade price list of high class bulbs for florists and dealers now ready and will be mailed on application. J. M. Thorburn & Co., 38 Cortland St., New York.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Crocus, Buxus, Clematis, \$1.00 on application. James Vick's Sons, Rochester, N. Y.

Freezia bulbs, prepaid, ½-in. and up, \$3.00 per 100; ¼ to ½-in., \$1.25 per 1000. Cottage Nursery, 519 Fifth St., San Diego, Cal.

Bulbs, all kinds. Ask for special bulb list. BOBIN & ATKINS, RUTHERFORD, N. J.

Bulbs and plants for fall and spring delivery at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

CACTI.

A great variety of cacti at low rates. Cuttings and offsets from blooming plants, all named, \$2.25 per 100. Cash. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Canna, 2000 fine plants from 4½-in. pots. Mme. Crozy, Chas. Henderson, Florence Vaughan and others, \$6.00 per 100. J. W. Leach, 910 DeBevoise Ave., Long Island City, N. Y.

Canna, F. Vaughan, Crozy, C. Henderson, A. B. Byles, B. S. Price, Cleveland, 4300 Christie, Egandale and Charlotte, fine plants from 4-in. pots, \$3.00 per 100. S. M. Harbison, Danville, Ky.

CARNATIONS.

FIELD-GROWN PLANTS.

500 Scott 800 Mary Wood
800 Evelyn 500 White Cloud
600 Daybreak 300 Olympia
1200 Lord 300 America
2400 Crocker 200 Fern
2000 Joost 200 Hill
1500 Morning Glory 600 Glacier
800 Cran 600 Gladstone
3000 Triumph 600 Jubilee

At \$8.00 per 100 for 1st size. \$5.00 per 100 for 2nd size.

800 LAWSON, all first size, at \$10.00 per 100. Our plants are the finest we ever grow and are large 1st size. We are now planting our own houses. Cash or C. O. D. from unknown parties. W. J. & M. S. VESLEY, 1000 10th St., Indianapolis, Ind.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Carnations. Place your order now for field plants for fall delivery. Geo. Hancock & Son, Grand Haven, Mich.

For carnations write F. Dornier & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums—Best varieties as follows: Midnight, Louis Boehmer, Merry Christmas, Frank Hardy, Silver Cloud, Volcescent, Mrs. Perry Ivory, John Huntington, Mrs. A. J. Logan, Kentucky, Modesto, Queen, Glory of Pacific, Belle of Castlewood, Titan, Miss M. M. Johnson, E. Humald, Mrs. Adams, Mrs. Florence Pullman, Mrs. S. T. Murdock, Col. W. B. Smith, Mme. Bergmann, Eugene Dailledouze, Mattie Friend, Mexican Heavens, Georgiana, Bramhall, Major Bonaffon, Wm. Simpson, Fisher's Torch, Yellow Queen, Jessica, Golden Gate, Pink Ivory, Octopus, Mrs. A. J. Logan, Lenawee, Ekata, Monarch of Ostrich Plumes, Golden Hair, John Collins, White Swan, Mrs. Highbam, and English Beauty. Fine plants \$2.50 per doz.; \$2.50 per 1,000. National Plant Co., Dayton, Ohio.

Good plants from 2½ and 3-in. pots in following varieties: Valter Molotch, A. J. Parr, Evangeline, Philadelphia, Wm. Simpson, Yellow Queen, Nagoya, Pride of Stockill, Gasterlow, Snow Firegram, Lulu Fitzwygram, Mrs. Geo. Bramhall, Silver Wedding, Pennsylvania, Polly Rose, glory of Pacific, Florence Pullman, Mrs. Whillain, Ruth Ellis, Fress Smith, J. H. Starin, M. Henderson, M. De Montmort, Ivory, Pink Ivory. About 2000 in all at \$2.50 per doz.; \$17.50 per 1000; \$15.00 for the lot. Barcan for anyone that can use them. Geo. Darsley, 176 Claremont Ave., Jersey City, N. J.

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Calceolaria maxima or nana; 500 seeds, 25c; the finest shrubby sort; pkt. 25c.		

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PANSY SEED that comes true to description..... 1/4 oz.
 Finest German strains..... 1.25
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 Various special mixtures..... 1.25
 Trade packet of any of above, 50c.
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DO YOU WANT THE FINEST PANSIES?
 THE JENNINGS STRAIN.
 They are all right. New crop seed now ready. Finest mixed, by mail, 1 pkt., \$1.00; \$4.00; 1 oz., \$5.00. Sent in advance, 50c to \$1.00 per pkt. Plants in September, \$4.00 per 1000. Cash with order.
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XXX Pansy seed of finest Giants, the best of the mammoth flowering varieties, critically selected, mixed, 4,000 seeds, \$1.00; half pkt., 50c. Pansy "Buffalo," new giant, fringed and ruffled, mixed, 600 seeds, 25c. Cineraria, best class, 1000 seeds, 50c. Primula obconica, grand, 1000 seeds, 50c. Chinese primrose, 500 seeds, \$1.00. A pkt. of the new ever-blooming forget-me-not "Constantine" added to every order. John F. Rupp, Shiremanstown, Pa.

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Cineraria, hybrid, Dwarf, fine mixed, extra, per trade pkt., 50c. Pansy, giant Mme. Perret, trade pkt., 60c; \$5.00 per oz.; Bugnot, Trimard, fine mixed; Cecilia Davy, pure white, trade pkt., 25c; English, good mixed, 50c per oz.; Beaulieu, Woodhaven, N. Y.

Zirngibel's **GIANT MARKET** and **FANCY** pansies. New crop seed now ready. Trade pkts. of these celebrated strains, \$1.00 each; also separate colors, blue, red, black, white and yellow. **Densy Zirngibel, Newark, N. J.**
 Seed of Giant of California pansy, 25c per trade pkt., \$1.00 per 1/4 oz., \$1.00 per 1 oz., free by mail. Orders from seedsmen not accepted. A. Mitting, Loomis, Cal.

Pansy seed for crop; my own saving; every possible color, shade and marking, \$1.00 per 1/4 oz., \$4.00 per oz. F. Brill, Hempstead, L. I., N. Y.
 Pansies worth raising. Good seed—as usual \$2.16 oz., \$1.00; 1 oz., \$4.00. Cash. Ch. Soltan, 199 Grant Ave., Jersey City, N. J.
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5,000 2 1/2-in. pot Smilax plants, fine healthy plants, ready now, \$2.00 per 100; \$15.00 per 1000. Cash with order. **H. P. Owen, Toughton, Kennam, Pa.**

Smilax, good strong plants, \$1.50 per 100; \$12.00 per 1000; 500 at 1000 rate. **Mount Hinnon Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.**

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Thrifty 2-in. smilax, \$1.25 per 100. **Cash with order. E. Basman, New Albany, Ind.**

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500 Smilax, 3-in. pots, \$2.50 per 100. **J. D. Brennenam, Harrisburg, Pa.**

Smilax, 2 1/2-in., \$1.50 per 100. **Cash. Morris Floral Co., Morris, Ill.**

Smilax, \$1.50 per 100, \$12.50 per 1000. **A. M. Hill, Lancaster, Pa.**

Smilax, 2-in., \$1.25 per 100. **Harry White, New Holland, Ind.**

Smilax, 2-in., \$1.00 per 100. **M. J. Coventry, Fort Scott, Kan.**

For smilax, write **Geo. A. Kuhl, Pekin, Ill.**

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Celery Plants. **Golden Heart, Paris Golden, Kalamazoo, White Prince, \$2.00 per 1000. Callahan, base plants, Danish Eulbeid and Succession, \$1.50 per 1000. These are thrifty plants. Special prices on Celery, Dwarf Giant, Cauliflower and Enowlit, fine stocky plants, 60c per 100; \$5.00 per 1000. Winter rye, choice, 25c; bags, see. **F. H. Ebell, Seedsman, Syracuse, N. Y.****

Genuine transplanted celery plants, well-hardened, bushy stock, out of flats, greatly superior to plants pulled from where seed was sown. **Perfection Heartwell, Boston Market and others, \$2.00 per 1000; \$15.00 per 10,000. Cash please. Write for sample and prices on large lots. R. Kilbourn, Clinton, N. Y.**

Celery, field-grown; strong, fine roots, sheared back several times. **Whites Flume, Perfection Heartwell, Dwarf Giant Heart, Fazio and Celestia, Burlington, carefully packed, \$1.00 per 1000; \$8.50 per 10,000. Cash. Ludwig Mosback, 8500 Anthony Ave., South Chicago, Ill.**

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Field-grown celery plants, \$3.00 per 1000; field-grown plants, \$2.00 per 1000. **Write for terms on large order. J. T. Cherry, White Hall, Ill.**

Cabbage and celery plants. For varieties and prices see display adv. in this issue. **R. Vincent, Jr., & Son, White Marsh, Md.**

VINCAS.

Vinca major var., fine 2-in., just what you want to plant for next spring's sales, 50c per 100; \$5.00 per 1000. **Cash. A. J. Baldwin, Newark, Ohio.**

Vinca var. from 2 1/2-in., \$2.50 per 100. **Cash with order. Geo. Bischoff, Ann Arbor, Mich.**

VIOLETS.

VIOLETS. Marie Louise, specially grown for foreign trade from disease and spider. These are from cold frame; stock never forced and should turn out satisfactorily if instructions are followed. Per 100, \$1.50 per 1000; \$30.00. **Cash. W. H. Thomas, Convent Station, N. J., Morris Co.**

Marie Louise violets, strong, healthy plants, 2 1/2-in. pot, \$1.50 per 100; \$12.00 per 1000. Also a few thousand well-rooted cuttings from sand at \$8.00 per 1000. **Write for prices. C. F. Bahret, Violet Ave., Poughkeepsie, N. Y.**

About 4000 or 5000 Marie Louise and 5000 Parquar violet plants for sale, all nicely rooted; put in sand in April; clean and free from disease; \$15.00 per 1000. **Cash with order. Joseph Maritz, Elmehock, N. Y.**

Marie Louise violets, strong, healthy stock, \$2.00 per 100; \$13.99 per 1000; 500 at 1000 rate. **Mount Hinnon Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.**

500 Imperial violet plants, 2 1/2-in., \$3.00 per 100; entire lot \$25.00. **W. F. Kasting, 101 Washington St., Buffalo, N. Y.**

Violets, extra fine Imperial, M. Louise, Parquar, Cambell, Swanley White, 2 1/2-in., \$1.00 per 100; \$25.00 per 1000. **Crab & Hunter, Grand Rapids, Mich.**

Marie Louise violets, clean, healthy stock, \$2.00 per 100; \$20.00 per 1000. **J. B. Rudy, Elmira, N. Y.**

MISCELLANEOUS.

Boston ferns, 4 and 5-in.: Asparagus Sprenger, strong 2-in.; Jerusalem cherry, strong 2-in. **J. C. Murray, Florist, 403 Main St., Peoria, Ill.**

TO EXCHANGE.

To Exchange—500 3-in. A. Sprenger, 500 2-in. smilax and 2000 strong Ericid and Maid roses, 3-in., for fine stock plants, standard varieties. Fine stock guaranteed; if interested, write us at once. **Chessman & Schepman, Richmond, Ind.**

To Exchange—Roses and chrysantheums for ferns. **Mrs. J. W. Crouch, Chattanooga, Tenn.**

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Wanted—Immediately, **MINIATURE CACTI** from 1 inch to 1 1/2 inches in height and diameter; any pretty, symmetrically formed variety will answer. Send sample and price per 1000 or 1000. **Jos. Kift & Son, 1728 Chestnut St., Philadelphia.**

WANTED—100 each Passiflora, in three best forms, for sale by yard. **The McGregor Bros. Co., Springfield, Ohio.**

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Florists' Boxes. **The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.**

H. Schultz & Co., 117-123 Market St., Chicago.

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Write for quotations on your wants to **McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.**

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Fancy and Dager ferns always on hand, \$1.00 per 1000; discount on large orders. Also a full line of baby ferns, moss, bougainvillee, laurel festooning, etc. **H. M. Robinson & Co., 35 Court St., Boston, Mass.**

Dagger and Fancy ferns, 60c per 1000. **Laurel festooning, 1, 5 and 6c per yard. Crowl Fern Co., Millington, Mass.**

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothoe sprays, address the introducer, **Harlan P. Kelsey, 315 Tremont Bldg., Boston, Mass.**

Bronze and green galax leaves. Write for prices on large quantities. **E. M. Robinson & Co., 25-26 Court St., Boston, Mass.**

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. **American Rose Co., Washington, D. C.**

Galax leaves, green and bronze, 75c per 100 in 5000 lots. **Crowl Fern Co., Millington, Mass.**

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Mastic, for glazing greenhouses, is superior to putty. Easier to apply and stays on. Send for circular. **F. O. Pierce Co., 170 Fulton St., New York.**

We make special greenhouse putty. Price on application. **Lord & Burnham Co., Irvington-on-Hudson, N. Y.**

Improved greenhouse glazing plants, positive the best made. Chas. Y. Siebert, Station B, Pittsburg, Pa.

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Send for Lucas on Glass. Four pamphlets tell all about it.
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Greenhouse glass. Benjamin H. Shoemaker, 25 to 21 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith & Co., 207-209 Randolph St., Chicago.

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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Ester, Saddle River, N. J.

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Coldwell Lawn Mower Co., Newburgh, N. Y.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. B. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., Incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying, write us for prices. Geo. Keller & Son, 261-263 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. The best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.

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J. Horace McFarland Co., specialists in Horticultural Printing, Harrisburg, Pa.

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Tin foil for florists. Special shades and designs. Write for samples and prices. The Palen Co., Kingston, N. Y.

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Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 100, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

Galvanized rose stakes and tying wires; low prices and prompt shipments. Igoe Bros., 226 No. Ninth St., Brooklyn, N. Y.

The Florists' Manual, by William Scott. Is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

WIRE WORK.

C. A. Kuehn, 1122 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45 W. Wabash Av., Chicago.

Reed & Keller, 123 W. 23th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

INDIANAPOLIS, IND.

Trade Notes.

In the way of business there is not much doing but most of the boys are busy either building or repairing or getting ready to house carnations, or trying to find cool places. The weather bureau reports that this has been the hottest day in 31 years; at 2 p. m. it was 106 degrees in the shade, and in the greenhouses from 120 to 125 most of the day. Oh, but wouldn't I like to have some of those folks who think it must be such pleasant work to be continually working among the beautiful flowers and hitch them to a wheel barrow a few hours on one of these warm days. I think they would go away thinking that the poor florists earn their money.

E. A. Nelson is working hard on his new range of houses. He likes the new iron gutter very much now since he has become better acquainted with it. He says he wished at first he had not bought them. They certainly look neat.

J. Hartje has most of his framework up and it will not take him long to finish.

On the 9th of July a good crowd of the boys met at A. Schreiber's home to help celebrate his tenth wedding anniversary and a good time was enjoyed by all. The boys presented Mr. and Mrs. Schreiber with a beautiful china dinner set.

On the 17th the club held its annual outing at Spring Lake Park, which is a beautiful spot about 18 miles out on one of the interurban electric lines. About 75 members and friends went out and enjoyed a pleasant day in spite of the heat. About 5 p. m. everybody was driven to shelter by the heaviest rain fall of the season. In spite of the fact that it cut short the evening's pleasure everybody was glad to see the rain, as everything was suffering for water. There has been no good out door stuff lately except what was watered right along. Asters have made their appearance and they are about all that is saleable. Roses are horribly poor and carnations are no better.

Geo. Wiegand has just returned from Cleveland, Buffalo and the east. A. B.

KALAMAZOO, MICH.—The Kalamazoo Nursery and Floral Company has purchased the glass and material in the greenhouses formerly owned by Ang. Dresel, Chicago, and they will be removed to this city and re-erected.

LANCASTER, PA.—J. P. Siebold is busy remodeling and repairing his greenhouses. He has given up the growing of cut flowers and will now grow only plants and hothouse vegetables.

COLUMBIAS, OHIO.—The Livingston Seed Co. will build a range of five houses, each 18x100, all connected, and running north and south. They will be heated by steam.

WHEELING, W. VA.—E. O'Neil reports the planting out season this spring as the best ever known here. Cut flower trade has also been good.

DORCHESTER, MASS.—William Galbraith, an old time gardener and florist, died at his home here July 1, aged 76 years.

PITTSBURG.

Various Items.

Poor carnations, poor roses, plenty of sweet peas, lilies and some herbaceous flowers, is about what the supply is in cut flowers. Some lanceifolium lilies are coming in now. Business is dull, only here and there a little excitement over an order of any size.

The club at its last meeting appointed a committee on transportation and accommodation to the coming convention; also final arrangements were made for the picnic at Burki's farm at Lakertown which was held on the 17th with an attendance of about 150. The weather was beautiful and everyone seemed to enjoy himself. Refreshments were plentiful, also good cool spring water. Some dancing was done on the large barn floor; a game of ball played on the extensive lawn in front of the mansion. Of course all took a peep at the large new iron frame houses one of which was planted with roses and the other one about ready for the plants. The water supply and pumping plant was inspected and pronounced perfect. Capacity 80 gallons per minute. All agreed the farm was well adapted to the business and some valuable buildings were on it.

The next meeting will be in August when the convention will be discussed. BARR.

AT THE PAN-AMERICAN.

Messrs. H. L. Mosier and C. T. Watson, of Reasener Bros., Omeo, Fla., will be at the Pan-American Exposition until the 29th and will be glad to see friends. Inquire of the Florida Commissioner of Exhibits, Mr. Pfeifer.

WESTERY, R. I.—Mr. Louis J. Reuter, son of the well known florist, and Miss Maude E. Litchfield were married July 17. The decoration at the church were the most elaborate ever seen in this city. The happy couple are now on their wedding trip. They will visit various points in the west and will spend a few days at the Pan-American Exposition. On their return they will be at home at 10 Moss street. Mr. S. J. Reuter has leased the greenhouses of John Spalding at New London, Conn., and will continue the business there as well as his establishment here.

NEW LONDON, CONN.—John Spalding, the veteran florist, has leased his greenhouses to S. J. Reuter, of Westery, R. I., and will retire from the business. Mr. Reuter will continue the business under the title "The John Spalding Company." He has leased a store at 95 State street, which will be connected with the greenhouses by telephone. Mr. Reuter will continue his business at Westery, R. I., as before.

THE ANNUAL CONVENTION Number of the FLORISTS' REVIEW will be issued Aug. 8th and will contain a report of the Buffalo convention.

My advs. in THE REVIEW were more remunerative than those in any other paper. I am well satisfied.—T. L. MEAD, Toledo, Fla.

SEND NOW COPY FOR YOUR ADV. in the Convention Number of the REVIEW to be issued Aug. 8th.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS

Delegates to the Convention

who can make it convenient to visit my establishment either before or after the meeting are hereby cordially invited to do so. My collection of palms is as healthy and vigorous as good and careful culture can make them, the Arecas and Kentias being especially fine. There are also many other features that I think will interest members of the craft and make their visit pleasant and profitable.

Take Steam Cars at Reading Terminal Station, 12th and Market Streets, Philadelphia, get ticket for Cheltenham Hills or Jenkintown. Over fifty trains each way daily. Nursery but a few minutes' walk from either station. Cordially yours,

JOSEPH HEACOCK,

Wholesale
Rose and Palm Grower.

WYNCOTE, PA.

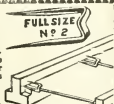
MASTICA For Glazing Greenhouses. Proven superior to putty. Easier to apply and stays on. Not affected by extremes of weather. Endorsed by prominent florists. Send for descriptive circular of **MASTICA** and **Mastica Glazing Machines**. **F. O. PIERCE CO.**, Sole Manufacturers, 170 Fulton St., New York.

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See the Point #7 The Van Ruyter Process Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.

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HEALTHY PLANTS
FUMIGATE WITH
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THE BEST OF ALL
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Write for full particulars to
The Tobacco Warehousing & Trading Co.,
1002 Magnolia Ave., Louisville, Ky.

Mention THE REVIEW when you write.

VERY SATISFACTORY.

The results from our advs. in the REVIEW are very satisfactory.—H. H. BERGER & Co., New York.

PANSY SEED

GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package, 2 ac; 3/4 oz., \$1.00; 1 oz., \$4.00, free by mail.

Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you.

Seedsmen's orders not accepted. (CASH.)

A. Mitting, Loomis, Cal.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

IF YOU WANT ANY OF THAT.....

GOOD HOSE

SEE US AT BUFFALO.

J. G. & A. ESLEER, Saddle River, N. J.

Mention The Review when you write

SAMUEL S. PENNOCK, Wholesale Florist

Commencing June 24th and continuing during the summer months, will be open from 7:30 A. M. to 6:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

FLATBUSH, N. Y.

Bowling.

Just by way of practice and to incidentally stir up a little more enthusiasm among knights and patrons of the bowling alleys, the Flatbush florists invited the New York florists to roll a friendly match on the alleys at 471 Flatbush avenue. Accordingly, on Thursday, though the night was intensely hot, quite a crowd gathered to witness and partake of the sport.

It is a well-known fact that there has never been a dull night when the Flatbush boys are on the alleys and the vaudeville show when a match takes place is well worth going a long distance to see. "The Manhattan Indians couldn't appreciate the "friendliness" of the intent, and with wild whoops went in for slaughter. "Lighthouses," "cocked hats," hard won "spares," yes, and even "poodles," were not infrequent causes for demonstrations on both sides; in fact, so determined was the onslaught on the silent soldiers at the end of the alleys that the pin boys approached the dead men with fear in every move. Any one who has ever watched John Raynor and Louis Schmutz deliver cannon balls can appreciate the pin boys' dread.

Perhaps the intense energy spent in trying to smash the pins accounts for the low individual results. Of course, Chicago, having plenty of wind to cool their alleys, enables Ed Winterson, Geo. Axmus and the rest to keep dry and pile up the big scores. Every bowler is watching, but it is quietly understood that whoever wins at Buffalo will earn what they get.

But to our story. Well, the New Yorks wouldn't stop till they won the three straight games from Flatbush, and even after that was settled there was a quiet match between Raynor, representing the Flatbushers, and Siebrecht, of the New Yorks, the former making 174 and the latter the highest score he ever made, 215. Willie said he did it as an incentive to his team in future events. Of course, the New York and Flatbush teams will roll at Buffalo. The scores were as follows:

FLATBUSH. NEW YORK.

J. I. Raynor.....145	148	144	T. Lang.....137	141	138
A. Zeller.....117	112	124	F. Traudny.....133	135	149
D. McEllis.....111	111	111	F. Leitz.....134	169	122
P. Daffledouze.....151	111	111	W. Siebrecht.....144	131	130
L. Schmutz.....133	118	81	J. Theilmann.....164	157	160
P. Riley.....145	128	151			

There was some keen competition for jack pots on the side alleys where the following scores were put up:

Woolker.....113	137	129	Ussing.....99	106	88
Stewart.....99	118	111	M. Clarke.....126	154	
Fapa Zeller.....113	138	96	B. Berfield.....109	115	
Langshir.....408	96	96	Doglan.....114	110	
Van Hoosen.....146	145	145	H. Daffledouze.....133		
Woesner.....161	129	165			

It is expected that a return match will take place in New York, probably Monday night. Quite a large delegation of Brooklyn and Flatbush florists with their wives announced their intention of going to Buffalo on Aug. 5th. J. I. D.

The Florists' Manual, by Wm. Scott, is for use every day in the year.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St., FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention THE REVIEW when you write.

FOR LARGE ORDERS, SPECIAL OFFER.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, 3-in., \$30.00 per 1000
2-in., 20.00 "

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in 2-in. **We make a specialty**
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Convention Number of the

Florists' Review,

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Extra fine plants on their own roots for winter forcing.

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3-inch pots, \$7.00 per 100.
4-inch " \$10.00 "

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7500 Metears, 3 "	15.00 "	2000 Perles, 3-in. pots	30.00 per 1000
1500 Metears, 4 "	20.00 "	400 Liberty, 4-in. pots	6.50 per 100
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OF THE

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
520-535 Caxton Building,
334 Dearborn Street, Chicago.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having classified advertisements. There is a host of others making offers in our classified ads, and you will find there under their proper headings.

American Rose Co.	228-233
Aitchison, E. C.	232
Barnard, W. W. & Co.	230
Bassett & Washburn.	232-241
Bentley & Co.	232
Berger, H. H. & Co.	222
Berning, H. G.	232
Brant & Nee.	235-240
Brill, F.	240
Brinkerhoff & Barnett.	232
Engraving Co.	242
Buckley Plant Co.	234
Budonis, J. A.	232-240
Burpee, W. Atlee & Co.	230
Chicago Pheony	222
Farm.	242
Cincinnati Cut Flow-er Co.	232
Classified Advs.	234
Cottage Gardens.	234
Crabb & Hunter.	241
Crowl Fern Co.	222
Cunningham, Jos. H.	241
Dietsch, A. & Co.	243
Dillon, J. L.	240
Dorner, F. & Sons.	241
Dreer, H. A.	231-239
Dutton, Chas. S.	222
Elliott, J. J.	230
Ellis, F. M.	232
Euler, John E. See y.	232
Euler, J. G. & A.	239
Finley Lawn Bake Co.	243
Garland, Geo. M.	241
Gibbons Co. H. W.	242
Gibbs & Co.	244
Greene & Underhill.	241
Hall, W. J.	233
Hancock, Geo. & Son.	241
Heacock, Jos.	222-239
Herr, Albert M.	222
Hill Co. E. G.	241
Hippard, E.	242
Hitchlings & Co.	240-242-244
Hunt, E. H.	232
Ives Bros.	238
Jackson, E. B.	232
Jennings Bros.	242
Johnson, W. P. F.	239
Keller Bros.	242
Kellor, Geo. M.	243
Kennett Foundry & Machine Co.	239
Kennett Bros.	239
Kratzky Tobacco Product Co.	243

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



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See That Ledge.

Pat. Sept. 18, 1900.

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To be Issued AUGUST 8th.



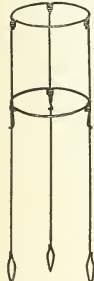
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The Model Plant Stake Co., of 226 No. 9th St., Brooklyn, N. Y., has removed to 430 Kent Ave., Brooklyn, N. Y., and is NOW The Parker-Bruen Mfg. Co.

The Model Extension Carnation Support.

Galvanized Steel Rose Stakes, Pot Hangers, Plant Stakes and Tomato Supports.



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DALLIEDIGE BROS.

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E. SMUS.

Write for Prices and Descriptive Circular.

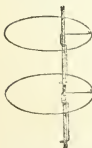
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Theon Parker, Mgr., Inventor and Patentee, 430 Kent Ave.,

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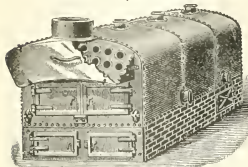
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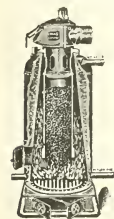
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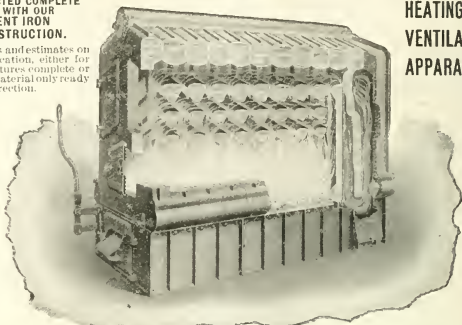
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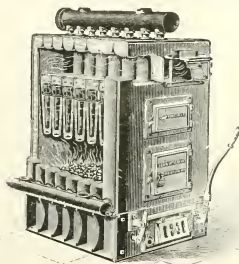


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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, AUGUST 1, 1901.

No. 192.

Lilium Harrisii

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SPECIAL Price List of FALL BULBS sent on request.

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Primula,
Cineraria,
Calceolaria,

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Longiflorum.

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 Asparagus Pl. Nidibus (true sort)..... 25 6.00
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SEE PAGE 215, JULY 18th.

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THE RETAIL

FLORIST.....

Summer Decorations.

Summer decorations afford innumerable opportunities for displaying all the ingenuity and artistic ability of the professional decorator. There are many instances where individuals have become wealthy and famous as society leaders by their powers of absorption and application of ideas. The great demand for novelty is responsible for many fakes or satires on good taste, yet without it brings forth much that is good, though it frequently occurs that the silly and and incongruous is preferred to that which is really good.

Selection depends on the many little whims and fancies common to our wealthy people. Very often some overrated and unctuous pet of society, whose fountain of knowledge is supplied by others' brains, is given charge of affairs, with the result that not only is the experienced decorator handicapped and exasperated by a nuisance, but the credit of his work and ideas are deliberately stolen from him. Notwithstanding all the present drawbacks, we believe there is a bright future for the florist who makes a careful study of decorative art, and is equal to emergencies as they arise.

The matter of summer decorations has been very much neglected. We feel assured that if people knew how much delightful beauty could be gotten up at small cost, there would be vastly more pleasure attached to summer festivities. There is a general feeling of antipathy toward pretention and studied formality among a large class at certain times, and a knowledge of moods and what is correct under all circumstances is very necessary to success. There are, though, a great many who seek show and glitter for the most trivial occasion, and one needs to study people almost as much as art.

In many American cities and in almost every American summer resort there is an increasing demand for the services of those capable of designing and executing decorative schemes for carnivals, garden fetes, banquets and all manner of festivals. There is room for much improvement and greater development along these lines. To our mind the florist, whose eye is color trained, is the most competent person to take charge of such matters. Mistakes are frequently made by an overprofuse use of one's pet material; this is a common occurrence at most large affairs. It was apparent to anyone except an electrician that the inaugural ball decorations at Washington last March were spoiled by the excessive use of electric lights.

In cases where a flag decorator is permitted full sway nothing else gets a chance, and we must admit that some florists spoil their work by shutting out materials other than that commonly sold on their own narrow market. Composite decorations, where each element is used in a way to bring out the full beauty of the other, and help to emphasize the effect of the whole, are the only successful

ones. In fact, the day is gone when one sided decorations are capable of eliciting even a small degree of commendation.

There should be a vast difference in the color scheme of winter and summer decorations; all should be in accord with dress, furnishings and the general spirit of the season; what might be classed as luridly out of place in winter, is most appropriate in summer when gayety runs riot among, and finds rest, too, in all that is brightest. This is impressively exemplified in the tones and hues of summer flora. The extreme severity of American weather, and the continuous demand for certain high grade flowers requires an all year round greenhouse cultivation of such, and whilst under existing circumstances all manner of flowers are more or less of necessity considered appropriate, the day will come, and come soon, when more attention and appreciation will be given to the many floral gems that belong strictly to the American garden.

July and August are the months when flowers are scarcest in this country, not because it is impossible to produce them, but that there is a wrong idea prevalent that it doesn't pay to grow them.

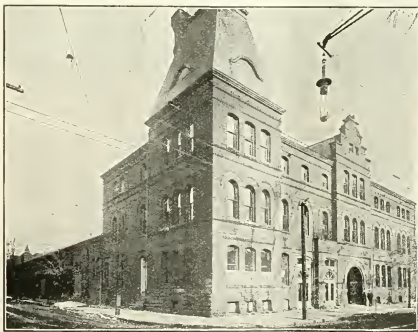
Of course, in most all pretentious decorations electricity plays a most im-

portant part, and the possibilities with that element become greater every year—even now it has become a necessary adjunct—but whilst an electrician may be necessary to attend to the wiring, it by no means follows that he should be permitted to dictate as to ultimate results; he is prone to follow too formal lines and to make a stew with color. In the majority of cases where lights are used for decorative effect, red, white and blue, or attempts at that com-

binated, are most generally used with lamentable results. The most effective way is to get away from formal lines and to group the colors. There should be a dominant or prevailing color in every decoration. Variety is desirable and can be provided, but care should be taken to have the whole harmonize. It doesn't matter whether it be for a public city carnival, a garden party or a house dance, the same rule applies. It is much better to have the lights put inside Japanese lanterns, or covers easily made from crepe paper or cloth, and where grounds or roadways are to be illuminated one-inch or one and one-half inch caliper trees can be cut from swamps and stuck in the ground where desired, and groups of lamps hung upon them.

Almost every country house has its veranda or piazza which can be made very attractive. Screens can be made with colored cheese cloth on a light wooden frame; trim these with a few vines and a cluster of ferns; where a blank space has to be covered cheese cloth or bunting may be used to advantage as a background. Red, yellow and green are the most suitable colors, but they should be kept sufficiently apart and the same or contrasting tones used with them. There is an abundance of foliage procurable everywhere in summer and cool restful effects can be produced by a plentiful use of it, but stiff garlands or ropes are out of place.

Fantastic Porto Rican carnival hats tied with bands or loops of bright ribbon can be arranged in groups and utilized by guests or made to hold loose clusters of flowers. Fans can be had in all shapes and colors, and even the cheapest when tied with a bit of bright ribbon is a pretty and acceptable feature. Sus-



The building in which the Buffalo Convention will be held.

ported baskets or pans of Boston fern or Asparagus Sprengeri always look well, and there is nothing finer than large plants of rich colored caladiums.

In many places it is possible to use small fountains, the surroundings of which should be all green with a few water lilies in the basin. Seats arranged in tete-a-tete fashion can be placed so as to enable guests to rest where they can see and enjoy some distinctive section of your work.

With regard to the interior of a house where expensive furniture is used nothing but plants and cut flowers are in order; a few light vines of honeysuckle, Clematis paniculata or wild smilax hung or twined in conspicuous places are permissible, but the utmost care should be taken not to spoil either your work or the surroundings by overdoing things. The matter of suitable cut flowers is the all important item in decorative work. Almost anything can be used providing it has not a repugnant odor as in the case of funkias, Lilium Amatum and a few others. Gladioli can now be had in every tone and combination of color and charming effects can be obtained from them.

Such flowers as zinnias, cannas, delphiniums, phlox, helianthus, cosmos, heliconias, cornflowers, sweet peas, lilies, asters, rudbeckias, golden rod and the many ornamental grasses, are especially good and pleasing when arranged gracefully in vases. Orchids, greenhouse grown roses and such tender flowers are

Every progressive florist should attend the Buffalo convention, not merely for what is to be seen there, but to talk to and exchange ideas with fellow craftsmen. We hope to meet many of our friends there and chat about stores and what is best for the retailer, and by the way, don't you think it's about time we got together and organized a retailers' section of the S. A. F? YVERA.

CHRYSANTHEMUM NOTES.

Rust.

It is at this season of the year when thunderstorms are frequent, and the air is reeking with moisture, that the rust begins to put in an appearance. Doubtless the heat and excessive moisture in the atmosphere is responsible for this, these conditions evidently being very favorable for the rapid development of the spores.

I am glad to say that so far we have not found a trace on our plants, and we

The rust always appears first on the bottom leaves, the reason being possibly because they are nearer the moist surface of the soil, and do not get the light and air they should receive, or else because it is on the old bottom leaves that the disease is being carried over from the old plants. It may be possible that a little (and a very little is sufficient) of the rust had escaped observation at planting out time, and as soon as conditions were favorable had increased and multiplied.

It is always wise to spray your plants several times in the spring with the sulphide of potassium, in the proportion of one ounce to two gallons of water. Some writers seem to think this solution will only prevent the spread of the disease and will not kill the spores. I have satisfied myself that it will kill the spores if applied in such a manner that every portion of the under side of the leaf is saturated in the mixture. It has been repeatedly stated that the rust will grow only on the chrysanthemum proper, and will not live even on its near relative the common ox eye daisy, but it has been recently shown before the Royal Horticultural Society in London growing on the cornflower, Centaurea cyanus, which proves clearly that this statement is unfounded.

We have always adopted the practice of taking our stock plants into another house as soon as the plants were through flowering, so that if there were any spores left in the house, they would die during the winter for want of a host plant to live on. Some growers seem to call any of the several leaf diseases the rust when they have no possible relation to it whatever. Anyone that has seen the carnation rust will readily recognize the chrysanthemum rust by the similarity of the two. I have heard the disease that used to sweep off Golden Wedding in such a wholesale manner referred to as rust when really it has not the faintest resemblance.

One thing seems certain. If it is proved that the rust will grow outside on other plants our winters are long enough and cold enough to kill any spores that may be produced and the cause and cure rests with the florist in his greenhouse. The disease has not been nearly so virulent with us as it has in England, and everything now points to the fact that in a season or so if everyone handled their stock carefully rust would cease to exist saving when we imported it on plants from other countries.

BRIAN BORN.

TERMINAL AND CROWN BUDS.

M. A. F. asks if the terminal bud would be satisfactory on the following varieties: Glory of the Pacific, Pres. Smith, Helen Bloodgood, Mrs. Robinson, Mrs. J. Jones, Gloriscum, Bonnafon, Mutual Friend, Trilby and Kioto.

Also if the crown bud is taken would it not bring in the crop rather early. They do not need flowers until the 20th of October.

The terminal bud would be far the best to use on the varieties mentioned since M. A. F. is a beginner in the business, because it is much more easily handled than the crown bud, and all the kinds will produce a satisfactory flower from terminal buds. Mrs. Robinson would produce a much larger flower from a late



The sunken water garden in front of the Horticultural Building at the Pan-American Exposition.

out of place in summer decorations unless for special table or personal adornment. Garden roses, nasturtiums, sweet peas, water lilies and such class of material give more pleasure. There is more or less of an *al fresco* or informal atmosphere about the summer dining table and in no way should the appetite be spoiled by an over display of anything, especially flowers.

As to flowers to be worn it should be remembered that any incumbrance is intolerable in warm weather and large corsage or hand bouquets come under that head. One or two select flowers is more appropriate and these are more appreciated if it be arranged that they be given by a friend. There are many occasions where miniature "battles of flowers" can be arranged to the delight of all, and in this case the above mentioned carnival hats can be used to carry ammunition. There is an unlimited number of games and "affairs" where flowers can be made the chief feature, not with artificial substitutes but the real products of nature. It is the duty of every retail florist to study out and advance everything that tends to increase the demand for his work and material.

believe this is due to the extreme care we have exercised for the past three years, to immediately destroy any new plants that showed any traces of rust when received, and in hand picking, and spraying with sulphide of potassium, any plants on which the rust appeared later on in the season. One variety, Mrs. J. Tranter, that was badly infested last season is this year so far perfectly clean.

It seems reasonable to suppose from our experience, that the chrysanthemum rust, like the carnation rust, is something that you need not have if you will use proper care in selection for propagation, and in the general treatment of the plants.

Spraying and watering the beds in dull weather should never be practiced under any circumstances. You can easily verify the fact that too much moisture is responsible for the rapid increase and spread of the rust if you have any plants outside. They may be to all intents and purposes perfectly clean, yet if several days in succession are cloudy and wet, you can at the end of a week find the rust on all the bottom leaves, and rapidly getting all over the plant.



A bit of water margin planting near the Government Building at the Pan-American Exposition.

rown bud "taken" say the first week in September, and Mrs. Jerome Jones must be taken on a crown bud if it is figured on as a white variety; but if color does not cut much figure, the terminal bud is all right as the flower comes good, though of a delicate pink color.

By taking the crown bud on varieties in August, the grower does not get in his crop any earlier, in fact with several varieties the terminal bud will develop first though it will not be so large or well finished as the flower from the crown bud. The reason why some growers take the crown bud is because they want to get a flower of the largest possible size.

We will take up the question of buds in our notes next month (August) and if M. A. F. is interested he will take a few crown buds to see how they come out.

Saving Glory of the Pacific, none of the varieties he mentions will be in flower before the 20th of October.

BRIAN BORT.

CARNATION NOTES.

Up-to-Date Planting.

For the benefit of those to whom carnation planting, in an up-to-date manner, may be new I will give in detail one method of procedure, which we find very successful in housing our carnations without losing many plants while they become established on the benches. We like to plant a whole house at a time if it is at all possible; therefore we refill all the benches before we begin planting and mix in the bonemeal (about 100 pounds to 1,000 square feet of bench space) and whatever other fertilizers are to be mixed into the soil, and rake it in well, after which we give it a good watering. (The above quantity of bonemeal is about right if not much other fertilizer is used, but if much else is put on the quantity of bone should be reduced.) After the watering we allow the soil to dry out until the day before we are ready to begin planting, at which time we examine the soil and give enough water to make it about as moist as you like your soil for potting and see that

it is moist all the way down to the bottom of the bench.

Some growers pack the soil before planting and when the soil is inclined to be loose or spongy it is a good plan, but our soil is heavy enough to settle down close without packing. We like a rather heavy soil and if necessary we add some clay to make it as heavy as we want it. Heavy soil makes strong stems and your plants will stand a higher temperature and therefore produce more blooms without suffering in quality like they would in light soil. Not so much feeding or watering during hot weather is required either. You would be surprised, too, what a difference it makes in the color. The reds come more brilliant and the pinks come brighter and I guess even the whites come whiter.

But to get back to our planting. After we get our soil into proper condition and the ground outside is in good shape for digging (it having rained shortly previous) we set four men to work. One man who understands his business, to dig. Another careful man to pick up the plants, reduce the ball of earth to proper size, dip the roots into a pail of water and set them into flats. A third man to wheel them into the house. A fourth, and if necessary a fifth man, to plant them onto the bench. A force like this can work together from morning till night and no one needs to wait on anyone else if each attends to his business and a house is filled in short order. See that the man with the spade digs deep enough to get all the roots and see that the man who picks them up does not tear them off in reducing the ball. Great care is needed if the soil is stiff and comes up in lumps. Carnations should never be planted on such soil if it can be avoided and that is why a rather sandy loam is the best in the field, it does not cake. The man inside should keep right up with the digger so that the plants do not lie around and wilt and see that they set them in the soil just about as deep as they were in the field and water every time you have a few hundred planted, thoroughly syringing overhead several times each day.

When planting we leave a slight de-

pression in the soil around the plant and in watering we fill it instead of flooding the whole bench. Water sparingly for a few days at the roots, but be careful not to allow the soil to get dry enough to cause suffering and keep up a damp atmosphere by sprinkling water on the walks and under the benches for several days.

Avoid draughts by keeping the ventilators a little lower than usual, but do not allow the atmosphere to become stuffy and foul. After three or four days you can increase the ventilation a few inches each day until after a week or so you have the ventilators up full height again. The mud shade you put on just before beginning the planting will do no harm for ten days or two weeks if the weather is bright and warm and if it rains within that time and washes it off clean you may have to put on your light shade again, but do not get your plants soft by keeping the house dark too long. After the plants are established they should have the full sun so that the growth will be well matured.

We do not put the supports in place until at least the first crop of weeds has been pulled and if the plants stand up well we wait until the second crop has also been taken out, after which the benches will remain tolerably clean until toward spring. But under no circumstances should you allow the plants to lie all over the bench, as we too often see, sometimes even up to Christmas time. How could you expect good blooms on straight stems? Good carnations cannot be grown that way.

Do not house any diseased or rusty plants as you will only be wasting your room when you might just as well plant something profitable; and besides, if it is a disease that will spread you are liable to get your whole stock infested. If a variety has much rust in the field you better leave it out, as the dampness necessary in getting the plants started on the benches will cause the rust to spread rapidly. The same may also be said of stem rot. If a plant has a branch died off don't take it in for the rest of the plant will go, too, in a short time and perhaps several more plants with it.

If you have plants shipped to you don't demand them on a certain day, but allow the shipper to judge as to the best time for digging. He should notify you before he ships them so you can be ready to plant them at once. Always remember that lifting the plants properly is of more importance than is planting on a certain date.

A. F. J. BAUR.

INJURED BOSTON FERNS.

I send sample of Boston fern fronds and wish you would tell me what caused them to look as though they were burned. It is true we are having hot weather, but we keep the houses as cool as we can and they are heavily shaded with whitewash. All the young leaves are turning the same way, and I cannot account for it. I see the other florists are bothered the same way.

C. P. M.

At the first glance it would appear as though the Boston ferns in question had been burned by ammonia arising from some fresh manure that had been used in the soil in which they were planted, but as "C. P. M." remarks that "the other florists are bothered the same way," it

seems to dispose of that theory, for it is doubtful if all have used precisely the same compost.

It therefore seems most likely that this injury was really due to the excessive heat, for even though the houses were heavily shaded it would be absolutely necessary to ventilate freely, and the dry heated air thus admitted carried off the

moisture from the pores of the leaves more rapidly than the roots could supply it. It is also possible that the plants became dry at the root, and one such drying under such trying atmospheric conditions would be quite enough to ruin the young growth of these ferns.

W. H. TAPLIN.

you would the ordinary annuals, shifting carefully does not hurt them, and for this purpose we scatter a few seeds over the surface of a 24-inch pot, thinning out to two or three of the strongest plants a little later and as soon as large enough shift into a 4 or 5-inch pot. You do not want a great many for Christmas but a few hundred sell well. For a long time they have to take the usual temperature, but later give them a cool house, say 45 at night, with the fullest light.

Cyclamen.

Be sure and do not neglect your cyclamen, no matter whether you have them in a frame or in a house. I believe for the average grower who has but a few that the house is the safest place. If tobacco stems are plentifully distributed amongst the pots it will help very much to keep them green fly. Don't be afraid to give them a good sprinkling every day or even twice a day, and don't let them suffer for want of shifting. Never let them get extremely dry, and shade during the brightest hours of the day.

WILLIAM SCOTT.

MISCELLANEOUS SEASONABLE HINTS.



Poinsettias.

It is some time since I have had anything to say about poinsettias, and I am somewhat of a crank on these. They really have been a paying plant with us for some years and I think should be largely sold in all large cities. Last year we found that many of the earliest propagated grew altogether too high to be desirable, some growing as high as six feet. This we could not very well account for. Do not use in your final potting, which won't be quite yet, too rich a soil, and pot very firmly. I have often said that they should have the lightest house you have. Nothing but the full blaze of the sun will do. With these conditions you have done all you could to keep them dwarf. For two or three years past the single plants have not been as much in demand as the pans. We began growing them in pans some four years ago and last year nearly every one who could afford it wanted a 10 or 12-inch pan.

Plants propagated now and even a month later are just what you want for this purpose. They root very readily during August, keeping the bed shaded and with copious waterings twice a day. To take them from the sand and put them into the pan is a little risky because one plant will grow much taller, perhaps, than another and in pans it is desirable to have them as nearly one height as possible. So we prefer to take them from the sand and pot in the usual way in 24-inch pots and then in transferring them later to the pans you can choose five or six plants, or whatever you use for the pan, all of one size and they will be likely to maintain the same corresponding growth. You often see these plants in a very miserable state about Christmas time; leafless and scraggy when they should be in perfection. One point in their culture I will repeat once more is they never want to have their roots disturbed by shifting within at least ten weeks of Christmas, and better three months.

Lilies.

Lilies are beginning to arrive. It seems there is going to be rather a scarcity of the Bermuda bulbs. I know of no better way than potting the 5 to 7 ones, getting them into a cool house until they get a start. We use a 5-inch pot for this size. Those you don't want quite as early can be placed out of doors. To prevent the soil from continually drying with those inside we put over an inch of sphagnum. This keeps

the soil moist and I think is better for the bulbs. It is easily removed after they have made a start. Those outside we prefer to cover with spent hops and have in a position so that in case of very heavy rains we can cover with glass.

We have tried several different plans with the 7 to 9. A few years ago we kept the bulbs and the surface of the soil down two inches below the top of the pot. On removing to the greenhouse, say in November, we added an inch or inch and a half of well enriched soil, or in other words filled the pot up to the usual depth, and I am going back to that plan this year. For several years we have potted them in 4-inch pots to start with and on removing them to the greenhouse shifted them into the 6-inch for the flowering pot, but we have come to the conclusion that in the long run it is nothing saved in labor. This year we shall pot the large bulbs in their flowering pot at once and keep the bulb down as described above. Do not use too much manure with the composition you use for lilies and what you do let it be thoroughly rotten.

Mignonette.

We found last year that a few pots of mignonette sold remarkably well at Christmas. It is a very good time to sow it now. Although the mignonette is by no means an easy plant to transplant as

STEAM HEATING.

We have four greenhouses which we would like to heat with steam and would like to hear from some experienced man how to arrange the pipes to the best advantage.

Three houses are 29 x 185, 13 feet to ridge, 54 feet to gutter. They are connected houses, four 5-foot benches to a house. We wish to keep them at 60 degrees in zero weather.

One house is 29 x 128, 13 feet to ridge, 54 to gutter. This house we want to keep at 70 degrees. How large should the boiler be?

Chicago.

G. E.

For the heating of the three houses 29 feet wide by 185 feet long to 60 degrees and the one house 29 feet by 128 feet to 70 degrees on zero nights, I would suggest the use of a horizontal return tubular boiler having a capacity, as usually rated, of not less than thirty to thirty-five horse power; forty horse power would provide an economical and desirable surplus capacity.



The Ohio State Building at the Pan-American Exposition.



Water Lilies and Margin Planting at the Pan-American Exposition.

For the heating of the houses 29 x 185 feet to sixty degrees, he will need sixteen lines of one-inch pipe or thirteen lines of one and one-quarter inch pipes, or their equivalent, conveniently distributed below the benches, and for heating the shorter house to seventy degrees, twenty-five lines of one-inch or twenty lines of one and one-quarter inch pipes or their equivalent.

The sizes and arrangement of the mains will be determined by the location of boiler cellar and grades of house, depth of boiler below floor of greenhouse and other at present unknown conditions, as would also the definite arrangement of the heating coils.

HENRY W. GIBBONS.

New York.

PIPING FOR STEAM.

We are starting a range of five houses 18x100 feet, side walls 4 feet, 10 feet to ridge pole, permanent sash bars, and houses all connected, running north and south. How many 1 1/4-inch pipe should we have to maintain a temperature of 55 degrees? Will one 2-inch overhead steam pipe be enough for feeding all coils in a house of that width, etc., main steam pipe to run about 75 feet from boiler to first house?

Will the boiler be low enough if the ground in houses is on a level with top of boiler, not counting steam dome? The boiler is a tubular boiler with steam dome and is 28-horse power. Will that size heat that number of houses to advantage using soft coal and having a night man? What do you consider the best way of piping? Can the pipes be arranged with one valve for every two pipes or would it be better to use valves on all except one pipe on each side of the house?

L. S.

In answer to L. S. for the heating of five houses 18 x 100 feet, connected together on ridge and furrow plan, the boiler referred to as 28-horse power will have ample capacity for the work, and will heat one house additional, but with no surplus capacity.

Assuming the boiler to be at one corner of the range, I would advise a main flow from boiler to first house of 4 1/2-inch pipe, take out 2-inch main for first house and

continue 4-inch to second with 2-inch outlet, then 3 1/2-inch to third house with 2-inch outlet, 3-inch with 2-inch outlet to fourth house and continue 2-inch to fifth house. The return mains starting at fifth house would be 1 1/2-inch increasing to 2-inch at fourth, 2 1/2-inch at third, 3-inch at second and continuing 3-inch past first to boiler.

If the top of the boiler is level with the ground line of greenhouses, it will answer, but go a foot deeper if you can. It is best to valve both ends of all piping except one circuit, so as to give perfect control.

Each house will require 8 lines of 1 1/4-inch pipes if a complete circuit is to be made, that is having each coil start from boiler end of house out to far end and back, but if a 2-inch overhead steam main is run from boiler end down hill to far end and returning through coils, only 7 lines of 1 1/4-inch pipe will be needed: we sometimes use only six in such cases, but it is better to be on the safe side and use seven.

HENRY W. GIBBONS.

New York.

SMALL PIPES FOR HOT WATER.

Is it advisable to use 1 1/4-inch pipe for hot water heating? If not, kindly give reason, and the proper size to put in.

Montana.

C. F. D.

One and one-quarter inch wrought iron pipes may be used for water circulation on coils of seventy-five feet and under in length, using the ordinary open circulation system, and on coils up to one hundred and fifty feet in length under the pressure system, which is really a circulation of steam and water in combination.

In circulating through pipes of small diameter friction becomes excessive, and in order to overcome or counterbalance the check given to circulation by such friction, more energy must be created at boiler, either by having water leave boiler at a higher temperature, or by boiler placed at a greater depth below the circulating coils so as to give a greater distance of direct vertical fall to return main at the boiler.

For water circulation in ordinary com-

mercial greenhouse practice I prefer pipe having an inside diameter of two inches.

HENRY W. GIBBONS.

New York.

PIPING FOR HOT WATER.

I herewith submit several propositions with accompanying diagrams, and desire to know which would be the most effective for hot water. In diagram No. 1 would the closed pipe (c) be better than the cylinder (a)? If cylinder were used, what would be the difference between a closed cylinder (a) and an open cylinder (b)?

Diagram No. 2. Should the flow pipe rise from e to h, or fall from f to h? Should the coil (d) be horizontal or perpendicular?

Is one large flow pipe more effective than several small ones? A. W. T.

In response to the inquiry of A. W. T., referring to his diagrams Nos. 1 and 2, and answering the questions in their regular order, I would say, I would give a preference to arrangement indicated in general by figure No. 1, with end connection C as being the most simple to construct, and avoiding all unnecessary friction, but with the addition of a supply and expansion tank at G, and air vents or cocks in upper elbows of pipes C. If connection A is used, the connections from the coil to cylinder or stand pipe A should have a diameter as large as the main connection from boiler to coil, and the standpipe should be not less than said connection in diameter, and, if A is open at top, it should have a diameter of about twice that of said connection, so as to prevent blowing out of

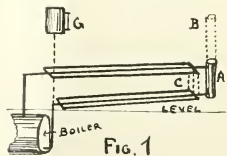


FIG. 1

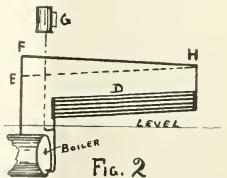


FIG. 2

water when firing hard. The height of A or its extension as indicated by B need be sufficient to accommodate the expanded water in the apparatus at its highest temperature, and such that the volume of this heated water, when its temperature becomes normal, or say fifty degrees, maintains a level in A above the coil. If cylinder B were left open, no air valves nor other feed or expansion tank would be required, but if closed, it should be provided with an air cock at top end, and

a feed and expansion tank G would have to be provided as with arrangement C. In answer to the question referring to diagram No. 2, I would say the arrangements to be preferred are governed chiefly by matters of structural convenience. In coils, I prefer to distribute the flow through several pipes rather than in one large pipe to far end of coil, but for main supply pipes from boiler one large pipe is preferable as it has a tendency to prevent short circuits from boiler and back.

HENRY W. GIBBONS.

New York.

**THE SEVENTEENTH
ANNUAL CONVENTION
OF THE
SOCIETY OF AMERICAN FLORISTS AND
ORNAMENTAL HORTICULTURISTS
WILL BE HELD AT
BUFFALO, N. Y.,
AUGUST 6th to 10th, 1901.**

OFFICERS: Pres., Patrick O'Mara, New York; Vice-Pres., Wm. F. Kasting, Buffalo; Sec'y., Wm. J. Stewart, 79 Milk Street, Boston; Treas., H. B. Beatty, Oil City, Pa.

The annual dues, \$3.00, may be remitted to the secretary prior to the meeting and thereby avoid the crush at the secretary's desk on the opening day. He will mail receipt and badge for 1901.

The usual rate of one and one-third fares for the round trip on the certificate plan has been granted by the Truck Line Association. By depositing your certificate with the joint agent at the Exposition on or before August 14 and paying the sum of \$1.00 you may obtain an extension of the return ticket to August 24.

For information about hotel accommodation or rooms address W. A. Adams, chairman hotel committee, 49 Main Street, Buffalo, N. Y.

In regard to space in the special trade exhibition address Chas. H. Keitsch, Supt., 30 South-anpton Street, Buffalo, N. Y.

PRELIMINARY PROGRAM.

Tuesday, August 6, 1901.

First Day—Opening Session.

10:30 a. m.—Address of Welcome. Response, President O'Mara's Address. Naming of Exhibition Judges. Reports—Secretary; treasurer; state vice-presidents; legislative; claims and special committees. Miscellaneous business.

First Day—Afternoon.

2 p. m.—Ladies' carriage ride, escorted by ladies of Buffalo Florists' Club.

3 p. m.—Judges will examine and prepare their reports upon Trade Exhibit. Exhibition closed during judging.

First Day—Evening.

8 p. m.—President's reception at the Convention Hall. Under the auspices of the Buffalo Florists' Club.

9 p. m.—Lecture, "Horticulture in Japan," with stereopticon views. J. K. M. L. Farquhar, Boston. Refreshments.

Wednesday, August 7, 1901.

Second Day—Morning Session.

10 a. m.—Presentation of New Constitution and By-Laws under Charter.

12 noon.—Selection of meeting place for 1902. Nomination of officers for 1902.

Second Day—Afternoon.

2 p. m.—Annual meeting of Florists' Hall Association of America.

4 p. m.—Meeting of American Carnation Society at Convention Hall.

Second Day—Evening Session.

8 p. m.—Lecture, "Expositions as Educators," with stereopticon views. F. W. Taylor, Supt. Dept. Horticulture at Pan-American Exposition.

Thursday, August 8, 1901.

Third Day—Morning Session.

10 a. m.—Election of officers. Polls open until 12 noon.

10:30 a. m.—A paper, "Flowering plants and Their Treatment for Christmas Sales," W. P. Craig, Philadelphia, Pa.

11:30 a. m.—A paper, "The Old and the New Century in Horticulture," J. N. May, Summit, N. J.

Third Day—Afternoon.

Shooting Tournament.

Third Day—Evening Session.

8 p. m.—A paper, "The Fuel Question in Greenhouse Heating," Prof. L. R. Taft, Agricultural College, Michigan. Covering the following points: Amount of each kind of coal required to evaporate a pound of water; amount of each kind of coal required to produce a horse power per house in establishments using 200, 300, 500, 1,000, 1,500 and 2,000 tons of coal respectively. To be followed by a discussion by Messrs. C. W. Ward, E. Buettner, E. M. Wood, II. B. Beatty, and others.

The Question Box.

The Question Box will be, as heretofore, an interesting feature of the meetings. Members are requested to forward inquiries intended for the box to the secretary previous to the meeting, when practicable, so that they may appear in the regular program.

Friday, August 9, 1901.

Buffalo Florists' Day. Visit to Niagara Falls as guests of the Buffalo Florists' Club.

Saturday, August 10, 1901.

Bowling tournament, 9 a. m., at German American Hall.

PRIZES AT BUFFALO.

Following is a list of the trophies and prizes to be competed for at bowling and shooting at the Buffalo convention. In all probability this list will receive some additions:

Bowling Tournament.

The Lord & Burnham Company's Cup, to team making highest total for the three games. Now held by Buffalo.

Hitelings & Company's Cup, to team making highest score in third game. Now held by Buffalo.

The Queen of Edgely Cup, to team making highest total in two first games. Now held by Chicago.

Detroit Trophy, to team making highest score in any one game. Now held by Buffalo.

The above four trophies must be won twice by one club to become its property.

The F. R. Pierson Cup, value \$50.00, to be awarded to highest aggregate individual score in three games.

Gold Fountain Pen, value \$10.00, awarded by Wm. F. Kasting, for highest individual score in any one game.

Opera Glass, value \$10.00, awarded by William Scott, for second highest individual average in three games.

Silk Umbrella, value \$7.00, awarded by George McClure, for third highest individual average in three games.

Prize, value \$7.00, awarded by Charles Hewson, for greatest number of strikes in three games.

Prize, value \$7.00, awarded by William

C. Buecki, for greatest number of spares in three games.

Individual Bowling.

1st Prize—A specially made mowing machine, value \$20.00, donated by Caldwell Mfg. Co., Newburgh, N. Y.

2nd Prize—Silk umbrella, value \$7.00, donated by W. A. Adams.

3rd Prize—Meerschaum pipe, value \$7.00, donated by C. Guenther.

Individual Shooting Prizes.

Twenty-two caliber Winchester repeating rifle, value \$25.00, donated by W. J. Palmer. For highest individual score.

Pair of gold sleeve links, value \$7.00, donated by Chas. H. Keitsch. For second highest individual score.

One hundred cigars, donated by William Legg. For third highest score.

TO THE EDITOR: We don't know whether the Lockland trophy belongs to any one club or not, but you will know. My impression is that it is yet to be competed for. If so please insert it in the shooting list for the tournament. [We find no record of the Lockland shooting trophy having been won and presume it is still to be won. Ed.]

AMERICAN CARNATION SOCIETY.

Preliminary Premium List.

The next annual meeting and exhibition will be held in Indianapolis, Ind., Feb. 20 and 21, 1902. To secure a fare and one-third for this meeting there must be an attendance of 100 or over paying railroad fare, so that members will consult their own interests by getting a good attendance. Indianapolis is convenient of access to all of the growers who supply Chicago and St. Louis, which will make this meeting an especially good one for the display of seedlings.

There will be a meeting held in Buffalo, N. Y., in conjunction with the meeting of the S. A. F., for the perfecting of arrangements for the annual meeting. This meeting will be held at 4 p. m., Aug. 7, and all members of the society present are invited to attend.

ALBERT M. HEER, Secretary.

LANCASTER, PA.

Certificate of Merit—This will be issued to a grower who scores 35 points or over. The variety must have been bloomed three years, and fifty blooms must be shown. The entry fee is \$5 for each variety entered.

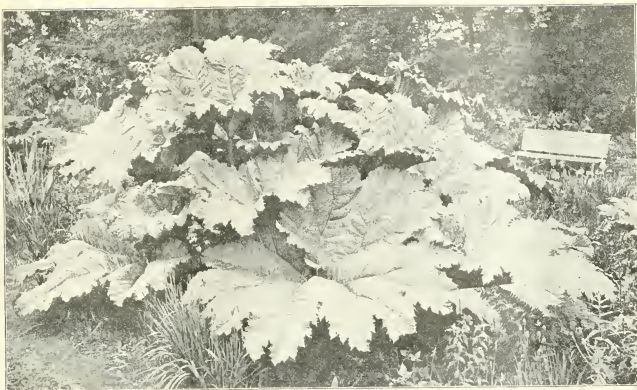
Preliminary Certificate—This is issued to a one-year-old seedling that will score 25 points or over. Twelve blooms must be shown, and the entry fee is \$2 for each variety.

Seedlings—Seedlings not entered for certificates can be entered free of charge by members only. Parties not members can display their seedlings by paying an entrance fee of \$2.

Lawson Medal—The gold medal will be awarded to the best vase 100 blooms of any variety. The silver medal will be awarded to the second best vase 100 blooms of any variety. The bronze medal will be awarded to the third best vase 100 blooms of any variety.

Cash Premiums—These will be the same as those offered last year. For the best vase of each of the following colors: White, Light Pink, Dark Pink, Scarlet, Crimson, Yellow, Variegated, White Variegated and any other color. 100 blooms (first prize), \$12; (second prize), \$8; 20 blooms (first prize), \$4; (second prize), \$3. Introductions of 1901, which includes only those varieties that were offered to the trade last winter and spring: 25 blooms (first prize), \$3; (second prize), \$1.50.

Specials—These will have to be announced in the regular premium list and through the trade papers. Mr. John V. Garrett, of Baltimore, Md., has kindly donated \$50 to be awarded as the society sees fit. This will be decided at Buffalo and announced through the trade papers.



Gunnera Manicata.

Membership and Permanent Fund—Membership costs \$2 per year; remittance to be made to the secretary. Contributions toward the permanent fund are always open, particulars of which can be obtained from the secretary.

CHICAGO TO BUFFALO.

The Chicago Florists' Club transportation committee has arranged with the Wabash railway for a special train to Buffalo for the convention of the Society of American Florists, August 6 to 10.

The train will leave Monday, August 5, at 4 p. m. and will reach Buffalo at 7:30 Tuesday morning. The committee is assured of an unusually well appointed special train. The rate will be \$13 for the round trip, and less should there be any cut in rates by the railroads for that week. The sleeping car fare will be \$3 a berth each way. An excellent dining car service is assured.

Florists in the west and northwest are cordially invited to travel with the Chicago party.

Berths may be reserved by addressing any member of the committee as below:

- G. L. GRANT,
334 Dearborn street.
- P. J. HAUSWIRTH,
223 Michigan avenue.
- E. F. WINTERSON,
45 Wabash avenue.

GUNNERAS.

In outdoor planting there are certain locations in which a single specimen of some bold foliated plant is the most effective to use and in such a place one of the gunneras may provide just the effect needed.

These plants are among the largest of perennial heros, producing a crown of gigantic leaves that bear some resemblance to those of the rhubarb.

The inflorescence of gunnera is not specially striking, the small flowers being crowded together in a cone-like mass that is thrown up on a stout stem to a height of three or four feet and except it be for the purpose of seed-bearing it is probably better to remove the flower

stems before the flowers are open and thus to throw the strength of the plant into the foliage.

Rich, moist soil is that best adapted for growing gunneras, and out of the ten or more species that are known to botanists there are two that are specially suited for lawn ornamentation, namely, *G. manicata* and *G. scabra*. Of these the first named is the larger and better species, and under favorable conditions throws up massive leaves that are frequently five or six feet in diameter, and are said to occasionally reach the tremendous dimensions of ten (10) feet diameter.

Such leaves cannot fail to attract attention and the noble appearance of a specimen of this species is well shown in our illustration which is reproduced from the London "Garden." This picture also gives us a hint in regard to location, for although the gunneras should have full exposure to sunshine, yet it is best for them to have such a shelter from violent winds as would be provided by the background of trees, as otherwise the large leaves of the gunnera may be torn or broken.

The second species to which we have referred, *G. scabra* (or *G. chilense*), resembles the first in general character, but is a smaller grower and less prickly in the leaf stalks than *G. manicata*, the flowers also being of a different color.

These two species are hardy at least as far north as Boston and possibly somewhat beyond that point, but the crowns of the plants should be protected by a good covering of leaves, this covering being put in place about Dec. 1, or at the beginning of severe weather.

W. H. TAPLIN.

ROCHESTER, N. Y.—Charles W. White, formerly a prominent florist, and who retired from business about eight years ago, died July 17, aged 73 years.

OUR Convention Number will be issued next week and will contain a report of the Buffalo convention.

BUFFALO.

Come to the Convention.

There has been nothing going on of any special moment for the past week and a few of the florists now have time to visit the races across the river. Too bad that we are too busy to join them. It is a strange thing that florists seem to have a fair share of the sporting element in their make-up and Buffalo men are not the only ones that we have known who have rather a taste for the race track.

We are all bustling now in preparation for the great week which starts in on Tuesday next, and I trust nothing will be left undone. I hope they all have taken advantage of what we have done by endeavoring to look out comfortable quarters for every one. There are, as I have before said, any amount of beautiful homes ready to receive you at a moderate price, if you will only avail yourself of the opportunity. But too many have neglected to do this and are liable to find themselves in undesirable quarters. Trust to the florists, even if you have made no arrangements up to date, and we will find you good homes.

The firm of Neubeck & Myers have dissolved, Mr. Myers retiring and Louis H. Neubeck carrying on the business.

As you will see by the list of prizes published in the trade papers last week, there is a good lot to compete for and several more prizes have been added. I would say to the shooters, or all who intend to participate in the shooting, bring your guns. In my opinion no one should shoot unless they can shoot. You can do very little harm on the bowling alley and you can trundle down a ball in some sort of shape, but it is entirely different to shoot, and unless a man knows how to handle a gun he should forgo any attempt to shoot, for it is dangerous sport.

There has been a request from some cities that the day of the bowling should be altered, but this it is now impossible to do. It was not the wish of the local

men that the bowling should be set down for Saturday. It was decided by the executive committee, and I trust that all our rivals will take that view of it, as it is the truthful one. We will begin promptly in the morning and I hope that the league represented by the captains of the various clubs will vote to let a team bowl off their three games consecutively, so that they can if they wish get away. Keeping a team waiting for the third game is nonsense.

As these will be the last words I can say to you before you come I trust that none of you will stop home with the idea that Buffalo is going to be crowded or that accommodations will be difficult to get or expensive, for none of these conditions exist. Those who have not seen the Pan-American and will not be able to come later should all come for I am certain that they will be more than gratified, and I will also add as a last reminder, that when you take the cars, either the Elmwood, Main and Forest, or Michigan car, be sure to get off either at the Lincoln Parkway or Elmwood Gate. Walk through the Rose Garden to the Triumphal Causeway and take in the Grand Court on your arrival and you never can be disappointed. Leave the Midway until you have seen the beautiful.

The trade exhibit is going to be well worth seeing this year.

We have had a fair amount of horticultural visitors this week. Paul Richter, of the Henry F. Michell firm; L. H. Maas, of St. Louis; C. J. Ohmer, of Cincinnati; J. W. C. Deake, and Mrs. J. B. Deake, of Asheville, N. C. This lady and gentleman are well known to all attendants of the conventions and are an advance guard. They have been very loyal to our society and have come a long distance every year wherever the convention was held, and they have come with the good and laudable purpose of taking the convention back to Asheville next year. Other visitors were W. G. Williams, of the Dayton Floral Company, of Dayton, Ohio, and J. R. Goldman, of Middletown, Ohio.

Pan-American Exposition.

It seems hardly necessary to say any more about the attractions we have at the Pan-American, for you will all be here within a few days and see and judge for yourselves, so I will not attempt to elaborate on any of the exhibits. The sweet pea show which opened on July 23 was slightly disappointing in the number of exhibits, many intending exhibitors writing to us to say that the extraordinary hot weather had ruined their flowers; still, there were several collections of great merit. W. Atlee Burpee put up a very fine table consisting of about seventy-five vases, and I am glad to say they are still keeping it up.

The grandest flowers, both in texture, length of stem, purity of color and in the great variety shown, were shown by Mr. Charles Larrowe, of Coshocton, and Mr. E. A. Higgins, of Avoca, N. Y. They are both amateurs, but enthusiasts on the sweet pea and their flowers were simply magnificent. Mr. Larrowe had rather the best and captured a majority of the premiums. It might be interesting to know the varieties which we thought the most beautiful: Prima Donna, Lovely, Sadie Burpee, Emily Hen-

derson, Othello, America, Aurora, Lady Grisell Hamilton, Prince of Wales, Mae of Honor, Gorgeous, Hon. H. Bonviver, Mrs. Eckford, Salopian. There were also shown many other beautiful varieties, some of Eckford's newest only sent out this spring. Mr. Higgins has taken sincere interest in our sweet pea show for a long time and we thank both him and Mr. Larrowe for their presence and the splendid show they put up.

Other exhibitors were Henry A. Dreer, James Vick's Sons, Charles C. Fritts, of Titusville, another amateur, who sent a splendid collection. When we have more amateurs throughout the country take hold of flowers as a hobby and grow them to such perfection as these peas it will be a sure and gratifying advance of horticulture in this country.

Visitors to the convention will have an opportunity to see a magnificent collection of gladioli. The exhibit opens on Aug. 6. We expect flowers from many of the largest growers of the country. Mr. H. H. Groff, of Simcoe, Ontario, began a week ago to send flowers from his magnificent collection and we are now receiving daily some 500 spikes. They occupy tables in the center of the large Horticulture Building. Mr. John A. Campbell, who represents Mr. Groff, is here in charge and has brought with him many unnamed seedlings of surpassing beauty. It will be impossible to begin to describe these gladioli. I hope you will all see them and by the time you are here there will be many thousand spikes.

Buffalo has been visited by so many copious rains that the grounds at the Pan-American and our avenues will look at their very best. Come one, come all.

WILLIAM SCOTT.

PHILADELPHIA.

The Market.

There are not nearly enough flowers to go around. Not very much business, but more could be created if the stock could be had; another week should increase the supply. Roses are becoming a little more plentiful; Kaisericus are the likeliest looking variety seen. The first new crop of Beauties has arrived; they are only fair. Asters are more plentiful; 50 cents to \$1.50 per 100 is the price; a few choice flowers command \$2. Achillea, pyrethrum, candy-tuft and phlox find ready sale at fair prices, there being much funeral work about. Colchess, of West Philadelphia, is sending in some good sweet peas to William J. Moore which bring 35 cents per 100. Pond lilies are an acceptable addition to the stock offered. Rudolph Bingham, of Wellwood, and Amos Elbert, of Ashland, are the shippers; the former to Edward Reid; the latter to S. S. Pennock. The white pond lilies are worth about 50 cents per 100. Holly-hocks are nearly over. George M. Moss is handling some nice smilax that brings 15 cents.

To Buffalo.

The Philadelphia Club and friends will leave Reading Terminal, 12th and Market streets, in special car attached to the 10:30 a. m. train on Monday, August 5, scheduled to arrive in Buffalo at 9:20 p. m. Refreshments will be provided on train. The fare will be one and one-third

rate on the certificate plan, \$9.25 to be paid at starting point, and return trip costing one-third, making a total of \$12.35. This includes stop-over privileges at Watkins Glen on return.

Various Items.

Henry A. Dreer Company reports an increase in the demand for perennials. They are now sending out quite a lot of some of the perennials. Their Harris-his have arrived in good shape. Indications point to a short crop this season.

Joseph Kift & Son have an interesting window full of tiny cacti in specially made pot of minute size.

Robert Scott & Son are sending in some Kaisericus to S. S. Pennock.

A fungus or callous growth has attacked some of the cheaper French grown stocks sent here for grafting. The growth is of walnut size, at the base of the stems, and entirely checks growth.

Two commission cases. First, a shipment of carnations received Monday afternoon; 35 cents more could have been realized had the flowers arrived early in the morning. Second, a basket of miscellaneous flowers with lilies laid on top was sent by express; lilies ruined when basket was opened; they would have brought a good price if properly packed in a suitable box. Moral—Keep in touch with your commission man.

It is a curious fact that the H. A. Dreer Company now control all the stock in this country of the two most striking novelties in the plant line today—Pandanus Sanderii and Gerbera Jamesonii. Pandanus Sanderii has, not long since, been described in these columns; Gerbera Jamesonii called the Transvaal Daisy has been creating much interest of late; it is dwarf in habit, not attaining a height of over 8 or 10 inches, but it throws up a profusion of flowers on long stems which gives a height of about 18 inches to the plant when in bloom. Here is the strong point of the Transvaal daisy—it is almost never out of bloom after it reaches maturity. George D. Clark, to whom I am indebted for the facts regarding this plant, states that a 4-year-old plant of the Transvaal daisy was in bud or bloom for three years right along; certainly a remarkable instance of long and continuous blooming. The chief attraction about the daisy is the color of the flowers and their size; under favorable conditions the blooms are of a bright scarlet and measure 4 inches across. The plant is half hardy and may prove a valuable acquisition as a cut flower. Plants can now be seen growing in the frames at Riverton. The young stock will be offered January 1.

Oddly enough this daisy was brought into competition with Pandanus Sanderii in the class for the best novelty at the meeting of the New York Horticultural Society last May. The daisy won the \$50 prize. The comparison seems a little absurd.

By an unhappy error the name of Joseph Bevis & Son was spelled wrong last week.

The bowling team to represent Philadelphia at Buffalo will consist of Messrs. Moss, Conker, Kift, Anderson, Gilson and Westcott, with Messrs. Starkey and Graham as substitutes.

Another Old Saw.

If you wish for to shine
In the pigeon shooting line

As a blue rock smasher rare,
You must use the language bad
Of a very sporty lad
And fling it every where.
Wear a fancy cap or more so,
Hang all colors round your torso.
Like a barber's pole or plaid,
Don't go in for beauty.
To be startling is your duty
If shooting you try my lad.
And every one will say
As you wander along your way
"Why this easy bird, no one
Will outshoot the great J. E.
In the Buffalo affray."

Bedding at Girard College.

The very best bedding in or near this city today is to be found at Girard College. The bedding is quite extensive, the plants well grown and the ideas are practical and skillfully executed. I went to see the college grounds and greenhouses one morning this week. I went especially to see the superintendent,

fancy caladiums, the whole being partly shaded by trees. An English visitor was much pleased with this bed, which Mr. Huster thinks would be improved by the use of *Phoenix rupicola* instead of *Seafortia*. Another effective tropical bed was planted with *Pandanus Veitchii* mixed with *Draena Sanderiana*, the edging being formed of *Acalypha tricolor*, then *peperomia* and *Tradescantia discolor*, an old timer, rarely seen now. The best varieties of cannas noted were *Columbia*, *Madame Crozy*, *Allemania* and the Duke of Marlborough.

The varieties of small plants used in the carpet beds are *Alternanthera aurea*, *A. rosea*, *A. brilliantissima* and a deep colored one secured from Dreer's under a number (name unknown), *Echeveria secunda glauca*, *E. Rosetti*, more compact than the former; *Sedum carnea* and *Crassula aurea*. *Sanchezia spectabilis*

urs bringing as high as \$5 and \$6. Asters average very poor in quality, but there is an occasional batch of good ones and these move very well at \$2. The poorest are unsalable. Good smilax is scarce and in brisk demand.

To Buffalo.

The Florists' Club's special train to Buffalo is filling up fast and the party will be a large one. The train will leave Dearborn station (Wabash railway) at 4 p. m. Monday, Aug. 5. See announcement elsewhere in this issue.

Various Items.

Several growers will begin housing carnations next week. The recent heavy rains have made conditions favorable. Ethel Crocker has shown up well as a summer bloomer outside. First class blooms of this variety from outside plants are now bringing \$1.50 per 100.

C. M. Dickinson has returned from his fishing and hunting trip.

The bowling team to represent Chicago at Buffalo, consisting of George Asmus, E. F. Winterson, P. J. Hauswirth, John Degnan, F. Stollery, and Joseph Forster, played three practice games last Tuesday evening. A scrub team composed of C. Balluff, G. L. Grant, F. Matti, C. W. Scott, G. Stollery and F. Steeres played against them just to make things interesting, and there was much laughter and applause when the scrubs won out in one of the games. The regular team will play another set of practice games next Friday evening.

We still hear echoes from the very successful picnic given by the Florists' Club last week, and reported in our last issue.

Recent visitors: R. Nicholson, of the Texas Seed & Floral Company, Dallas, Tex.; E. W. Marland, of Alexandria Floral Company, Alexandria, Ind.; Geo. Souster, Elgin, Ill.; F. C. Smith, Ashland, Wis.



Charley Balluff and Ed. Winterson Dispensing Prescriptions at the Picnic of the Chicago Florists' Club Last Week.

George Huster, whose ability has here found a field.

The principal beds at Girard College are laid out between the main building and the south entrance. They consist of two groups lying on each side of a broad walk. These groups are formed of twenty or more beds cut out of the turf and are identical in design. In the center of each group is a raised circular bed seventy-five feet in circumference containing about 10,000 plants. A handsome bank of crotons, twenty-five varieties, form the center; around this is a band of *Achyranthus Lindeni*; from this to the edge slopes a star pattern of *alternanthera* and *echeverias*. Around this central bed are laid out other beds of various shapes planted chiefly with crotons and geraniums. The crotons were all young plants, brilliantly colored. An effective bed planted with four varieties contained Baron James de Rothschild in the center, Day Spring, Weismann and Queen Victoria in the order named. In geraniums S. A. Nutt is the best crimson; other reliable varieties are *Le Pilote*, *scarlet*; *Mrs. Deering*, pale pink; *Madame Thibaut*, purplish pink; *Mrs. Parker*, which has replaced Mountain of Snow as a variegated border, and *Madame Sallerai*, variegated foliage.

There are many other handsome beds, the most striking being one planted with ten feet high *Seafortia elegans* in such a way as to shade a great variety of

makes a fine edging for one of the *Pandanus Veitchii* beds. Two thousand five hundred crotons are grown, all young plants as before mentioned, exceptionally well colored. I think they would prove a revelation to many of our growers. About thirty varieties of cacti are seen here. *Cotyledon coryphyllum* is used with the *echeverias* in edging the cacti bed. It is thought a good thing, but rather a slow grower. PHIL.

CHICAGO.

The Market.

Market conditions are about the same as last week. Shipping trade holds up well for the season and there is still a shortage in roses and carnations, especially white. Inside carnations are pretty well burnt up and the outside plants are not yet producing enough to fully meet the demand. Recent heavy rain and cooler weather have helped the latter materially, though, and a better supply is expected very soon. The best of the roses (and the best are pretty poor) go at \$3 to \$5, with the poorest at \$1 to \$2. Some extra good Golden Gates have brought as high as \$6. In carnations the best outdoor blooms range from \$1.25 to \$1.50, while ordinary stock brings from 50 cents to \$1.

Gladioli are now much in evidence and move fairly well at \$2.50 to \$4, with some selected spikes of light col-

NEW YORK.

Are you going to Buffalo? is the question of the day, and at this writing the indications are that there will be a great crowd of New Yorkers at the convention. The special train promises to be the conveyor of a very jolly party, though a few will travel by other routes.

Business is summery and stock is very scarce, especially roses and carnations, which bring at times whatever is asked. There is a continuous chase after the few Victorias coming in.

Thorley is changing the interior of his Broadway store; it will be a beauty when finished. Kuhn has built a nice conservatory in the rear of his store. Stump keeps adding to his place by taking in next doors. Traendly has built an office in the rear of his store. Many are preparing with paint brush or axe for the far away rush time.

Lucatos' store was sold out by the public administrator on Thursday. A Greek bought it in—\$350 for fixtures and \$300 for good will and lease till next May. Lucatos died, leaving many debts among the trade.

The first large shipment of Harrisitis landed from Bermuda by the *Trinidad* on the 23d, fully two weeks behind the usual time, and dealers inform us that notwithstanding all the arguments against early shipments, growers have been clamoring for bulbs; in a few cases orders were countermanded because bulbs

could not be delivered early in July. The ship's manifest gives the following list: Baker & Dick, 109 cases; T. D. Cross-land, 192 cases; Chicas & Boddington, 85 cases; J. W. Hampton, Jr. & Co., 67; Hageman & Meyer, 96; J. Kempe, 219; Merchants' Despatch, 27; A. E. Outerbridge, 221; F. R. Pierson, 7; C. B. Richard & Co., 1,191; J. M. Theburn & Co., 49; J. C. Vaughan, 307; Order, 139. So far we have heard only that the bulbs are in good condition. Another shipment is expected Aug. 6.

At this writing we are informed that William Plumb, ex-president of the New York Florists' Club, is in St. Vincent's Hospital suffering from appendicitis. We sincerely hope he will soon be well again. William Donohue and William Sampson, of Thomas Young, Jr.'s, establishment, are away among the fishes. To give a list of those on vacation would require a full page; more will join the crowd next week.

J. Austin Shaw took a midnight sail to Boston last week in order to perfect his ode to the florists which he promises to give us on the way to Buffalo.

The greatest excitement prevails among

as soon as he sees this extrema development of the class of plants in which he is so much interested. The paper unfortunately fails to state what the artist ate or drank the night before he produced this masterpiece.

BOSTON.

Various Items.

All quiet along the "lordly Charles;" never more so in the floral business. Material is poor and not plentiful. In fact, prices are struggling upward just a bit but are yet very low.

Vacationists are both coming and going. None of them seems to affect business unless it be in the case of Mr. Walsh, of the Co-operative market, who, two weeks off, makes the market open at 6:30 the mornings of the first half of August instead of 6 a. m.

Before Thos. F. Galvin built his palatial Back Bay establishment several small attempts had been made unsuccessfully in that section, consequently much discussion ensued amongst the craft as to the wisdom and probable failure of his

his own landlord. If he has an enemy in the world it must be one or two he ought to be proud of and I feel safe in extending congratulations from every one with hopes for a great impetus to his pink and aster business.

It is said to also be obliged to relate the tale of woe that Fate decrees Mr. Houghton, of Houghton & Clark. He seems to stand clear at the foot of the class in hard luck. In exuberance of spirits he went to Crescent Beach to rusticate and his first rustication consisted of stepping on a rolling stone and badly spraining an ankle. "Rolling stones gather no moss" but this does not destroy all their sport. The next time Mr. Houghton entered his store he excited great waves of heart-felt sympathy by limping in with a cane and dragging along a foot that looked like a good healthy case of the gout. Then he went back to the Beach and thought perhaps a whirl in one of those whirly-go-round cars might revive his faded spirits, which was where he made another mistake. The thing went so fast and dodged around at such a rate it threw him down on the floor of the car striking his eye on a corner so that in a few minutes he resembled the winning cat in a four-cornered fight. He still wears the patent foot appendage and has the eye most elegantly decorated. Never you mind, Houghton, the good do die young but that is no reason why you should not live a thousand years.

J. S. MANTER.

ST. LOUIS.

The Trip to Buffalo.

Arrangements have been completed for the trip to Buffalo over the Big Four. The party, numbering about 15 or 20, will leave Sunday night, August 4 and arrive in Buffalo Monday noon. The ticket for the round trip from St. Louis to Buffalo and return, via this route, will cost \$19.25 and it is hoped that this, the lowest possible rate, together with the many inducements offered on the way and at Buffalo, will bring out a large delegation. Those who are going should apply at once to J. J. Beneke, 1220 Olive street, in order to secure accommodations on our special car which will run through without change.

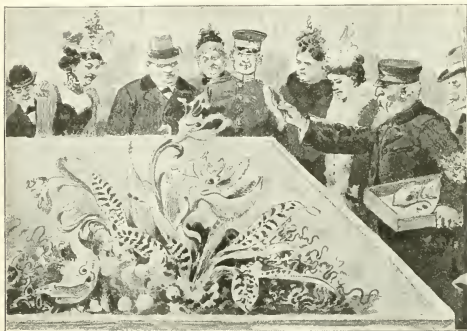
Bowling at Buffalo.

It may be that after all St. Louis will be represented in the bowling tournament at Buffalo; if not as a team it will surely be in the individual class. Among the bowlers who will be on hand are: C. A. Kuehn, A. Y. Ellison, J. J. Beneke, F. C. Weber and C. C. Sanders. Should one more make up his mind to go we will have a team; if not, all of the above will roll in the individual class. The first three named are out with a challenge to roll any three florist bowlers from one city any time during the convention; this is open to any city.

Various Items.

We are still looking for that welcome rain which has been promised us by the weather man to put an end to the most protracted drought that has been known here for years. The condition of the crops can be better imagined than described. Outdoor flowers, shrubbery, ornamental trees and grass in the parks have suffered much and many have died.

There is no use talking business under these conditions. Just now there is plen-



The Real Thing in Carnivorous Plants.

the bowling fraternity. By all accounts the several teams have been severely trained and each is determined to break records; however, calculations and expectations often fade away at the wrong time. The bowling here last night was on Thum's fine alley at 1241 Broadway Street were:

Theilmann	.....162	165	185	175
Burns	.....147	153	146	196
O'Mara	.....159	163	151	188
Donlan	.....162	129	148	...
Lang	.....177	188	185	213
Trendy	.....128	174	112	113
Siebrecht	.....181	128	123	145

The bowlers met early in the evening and perfected plans for their part in the national tournament. It is likely a baggage car will be attached to the train for special use of the bowlers. J. I. D.

CARNIVOROUS PLANTS.

Every year the April 1 issue of Moeller's Deutsche Gaerener-Zeitung is devoted to humorous views of horticultural matters, and the accompanying engraving is reproduced from the last one. We anticipate an interesting communication from Mr. W. R. Smith, of Washington,

bold stroke which has hardly yet ceased. There is no record of Mr. Galvin having said a word one way or the other until now, when he speaks forcibly, to the point and without opening his mouth. He quietly contracts for an addition to the place which doubles its present vast capacity for doing business.

In these days of general distress to the average grower it is very refreshing to hear of one who seems to have struck a genuine vein of luck. If Paul Richardson were not a grand good fellow I would want him lynched for stealing a march on the rest of us. A couple of years ago he went out to Needham and rented a twenty-four acre farm with 16,000 feet of glass and other buildings which have been burned since. This property is taxed upon a basis of \$12,500 and is considered a very safe thing at \$10,000. The banks foreclosed upon the owner the other day about a little matter of \$7,300 and sold at auction. Paul went in with the field against him. The rest ran the figures up to the \$7,300 so Paul chipped in only \$10 more and becomes



Friiled Tuberos Begonias.

ty of funeral work; but for the lack of stock a great many orders have to be made up of cape flowers and in some cases the orders are refused. Our three wholesale men are not getting in enough flowers to supply one-half of the demand and the few that come in are not of even the usual second quality. The prices for this second quality stock is about what we used to pay for the first quality at this season of the year. Carnations that bring a cent are hardly fit to use in work of any kind; the same can be said of the roses. The only good looking rose that comes in is the Kaiserin and this is small. Prices run from \$2 to \$4 per 100. The outdoor flowers, such as asters and tuberos stalks, are not of the best and show the effects of the heat and dry weather very much.

Carnation growers are getting ready to loose their plants and most of them report that the stock is looking better than they expected under the present dry spell. Mr. Durnford at Central, whose stock is much in demand, is building a few new houses all for carnations. Mr. Steidle, of the same place, also has some fine stock which is looking well. The Udes, Richter, Winter and Berdan, at Kirkwood, all carnation growers, have fine looking plants and are looking forward to a good season.

J. J. B.

LAST CALL for advs. for our Convention Number, to be issued next week.

CINCINNATI.

Stock Scarce.

To say that the temperature is between 95 and 100 at noon every day is about all that is necessary to say regarding trade conditions in this vicinity—it is easy to guess the rest. There is scarcely any stock that is fit to sell.

The asters that are coming in are of a most inferior grade, being very small and short-stemmed, still they bring \$1 per 100, owing to the scarcity of stock in general. Carnations in the field are at a standstill and the plants to be housed this fall will be small in size. Chrysanthemums, too, are showing the effects of the long dry spell and consequently they will be late in coming in this fall. This is to be regretted, as the arrival of the chrysanthemum almost always marks the beginning of our fall and winter trade.

Various Notes.

Mr. and Mrs. H. Bayersdorfer, of Philadelphia, were in this city during the past week on a pleasure trip through the country. Their next stop is to be Pittsburgh.

A severe hail storm, together with a small cyclone, was an unwelcome visitor to some of the boys. George & Allan are out several hundred panes of glass. Over the river in Kentucky the storm played

havoc with several growers and truck gardeners. Mr. Thomas, Dick Schmidt, Pfeiffer's Sons and John Fries were the heaviest losers. But the loss in every case is slight.

George Murphy is receiving congratulations on all sides. It's a girl and both mother and baby are doing nicely.

To the fact that Buffalo is an ideal city in which to hold the S. A. F. convention the writer can bear witness. Having just returned from that much-blessed city which, in some inexplicable way, must be sheltered from the direct rays of the sun, for during my entire stay the weather was delightful. A cool lake breeze was sure to be in evidence about supper time and I know of no tonic that is more invigorating or more refreshing than it.

Now I don't want the reader to think that I am saying this in order to advertise Buffalo. It doesn't need it. But I do want to advertise the fact that the S. A. F. holds its convention in this well chosen spot.

Mr. W. A. Adams, at the head of the hotel committee, is the right man in the right place and I advise all those who intend to go to Buffalo to correspond with him, stating about what they want in the way of rooms, etc., and they will not be disappointed in his selection.

You have read a great deal concerning the exposition in THE REVIEW and there is little more that I can add. The flower beds and gardening are fine and every where the handiwork of Mr. Scott is in evidence. The man whose articles and books on floriculture have done so much to help along the struggling florist has been given a great chance to show his ability and he has been more than equal to the task.

By all means you should see the illumination of the buildings by nearly half a million of electric lights. I think it is the grandest and most impressive scene ever contrived by man, and one which, having been seen, will live forever in your mind.

Messrs. J. A. Peterson and Max Rudolph leave for Buffalo this week.

C. J. OHLER.

"FRILLED" TUBEROS BEGONIAS.

This is a new strain of tuberos begonias that originated with W. Pfizer, Stuttgart, Germany, who states that it is the result of continuous and careful crossings. The picture, which is reproduced from a drawing, is certainly an attractive one and indicates that this new strain is worthy of a trial at least.

SAN FRANCISCO.

Various Notes.

Business has been very quiet of late and will likely remain so for some time to come. The Epworth Leaguers are holding a convention in our city; but, so far as the florist is concerned, the stir affects him but slightly, the Leaguers being on their knees most of the time.

Roses are not first class in quality, but are equal to demand. Carnations are fine and plentiful. Asters are in market but the flowers are small and short stemmed. All other kinds of stock is in abundance and prices remain low on everything.

Clark Bros., Fruitvale, are putting up two houses 16x165 for roses.

T. Simmonds, of the same place, is building a range of rose houses at his new place on Central avenue.

F. A. Abi, South Berkeley, will erect two houses 16x75 for American Beauties. Mr. Abi has been very successful with this rose.

J. Cook, East Berkeley, has finished planting 600 American Beauties.

J. Gilmore, Elmhurst, is at work on two houses, 12x400 each. In one he will grow roses and in the other Portia and Scott carnations. Jack will not tackle fancies yet a while. His roses have started into splendid growth.

H. S. Sanborn, Oakland, is busy with one house 12x50 for pot plants.

F. A. Miller, Hayes street, has opened a new store at 1561 Market street.

Domoto Bros., Fruitvale, are building a carnation house 25x150.

A. Frommiller, Elmhurst, has armed himself with a new Atlas boiler.

Peter Nickelson, San Lorenzo, is busy putting in a cement boiler pit, into which will be placed a new 20 H. P. Atlas boiler. The roses at this place have not yet been started into growth.

J. N.

GRAND RAPIDS, MICH.

Trade Conditions.

Roses and carnations are very scarce and the few obtainable are of very poor quality. No really good material is to be found in this market. The extreme heat has simply cooked everything. We have had the longest spell of tropical heat ever known in this section, but, as it to make it more endurable, it has been accompanied by heavy rains, the heaviest in years. Some carnation fields have been under water so long that the plants are ruined.

The most profitable flower just now, for the retailers, is swainsonia, it being especially valuable in funeral work. No florist should be without a good sized bench of this profitable summer flower. Ordinary retail trade is barely worth mentioning aside from funeral work of which there is plenty. The scorching weather having burned up the flowers all around the country, dependence has been placed on the grower; this has made shipping very active.

Prices: Roses, \$1 per doz. Carnations and swainsonia, 25 cents per doz. Beauties, when there are any, bring \$2 and \$2.50 per doz.

Various Items.

Rose and violet planting is now about over. The hot weather was very severe on violets which, however, are looking fine since the last heavy rains.

The topic of conversation exciting the most interest is the convention of the S. A. F. It has not yet been decided whether we will go by boat or rail, the latter route, being quicker, may win out. Those going, as far as heard from, are: Henry Smith, Eli Cross, Alfred Hannah, Chas. Chadwick, James Schols and wife, Geo. F. Crabb, wife and son, and Wencel Cukerski, superintendent of parks.

The Hills Floral Co. are building several new rose and carnation houses; Henry Smith, one new house; Paul Goebel one new house for bedding stock. The Wealthy Avo Floral Co., one new house and rebuilding one rose house, and James Schols is rebuilding three

houses and giving all a thorough overhauling. Jean Davis, a lettuce grower of prominence has rebuilt his entire plant. G. F. C.

WASHINGTON.

Business is dead and no one can truly understand what that means in Washington till they see for themselves.

Loose is about the only real busy man in town. He is hustling the carpenters, painters and electricians and when he gets through Washington will have as fine a floral establishment as can be found anywhere. The entire store is done in white and gold and is studded with electric lights. His ice box is a beauty, something on the order of that in Thorley's Fifth Avenue store. The windows on 13th and F Streets take in the entire store. He expects to open in a few weeks.

One florist has a card in the window announcing that \$5 funeral designs can now be had for \$2.

About fifteen of the craft here will attend the Buffalo convention, going with the Baltimore club who will have special cars.

Wm. Gude leaves Saturday for Europe. Mr. Haase, formerly with Loose, has taken a position with the Gudes.

There is some whispering of a new branch store up town when the snow flies.

Z. D. Blackstone is on a week's outing down the Potomac. BARON.

JOLLET, ILL.—The J. D. Thompson Company has been organized with a capital stock of \$40,000. John Lambert and Fred P. Story are the largest stockholders, each having \$10,000. The business of the company is to grow, handle, sell, market and deal in flowers, plants, greenhouse supplies and horticultural supplies and produce of all kinds. The first board of directors consists of John Lambert, W. M. Cochrane, J. D. Thompson, Adam Groth and E. E. Howard.

LOOMIS, CAL.—Mr. A. Mitting, formerly manager of the Morris Floral Co., Morris, Ill., is now located here and will grow carnations, pansies and Asparagus plumosus nanus.

WANT ADVERTISEMENTS.

Advertisements under this head one cent word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Property of Mrs. D. Newlands, 1000 1/2 acre farm, 6000 square feet of land, well paying business established 25 years; directly opposite new \$4000 entrance to Forest Lawn Cemetery; no competition; good reasons for retiring. Do not fail to look it up while attending the convention. Apply to D. M. Newlands, 809 W. Delaware Ave., Buffalo, N. Y.

FOR SALE OR LEASE—Long established florist and plant business; 6000 square feet of glass; 5 acres of land, fully stocked; stand in Center Market, Washington, D. C.; low rent to reliable party. Address W. D. Hayes, Ballston, Virginia.

SITUATION WANTED—As foreman to take charge of wholesale or retail place; Indiana or Illinois preferred; single, age 32; good grower of cut flowers. Address Grower, care Florists' Review.

WANTED—150 feet of 1 1/2-inch second hand pipe; must be in good condition. Address Box 163, Lenox, Iowa.

SITUATION WANTED—By practical florist, S. grower, landscaper, private or commercial charge or foreman; would rent good place, 5000 feet or less with land, between New York City and Montreal; German, 35; married, family. A I references. Joseph Braun, Lawrence St., Glenn Falls, N. Y.

FOR SALE—The greatest bargain ever offered: store and greenhouse, 44 ft. frontage on principal business street, store 16x20, 2 room house, 2x25, propagating house 16x28, plant house 10x50; ideal s. eton and Wilks wrought iron boilers, 24-inch pipes; 2000 lbs. of glass, 200 lbs. 100 hot-bed sash, pots, etc.; horse, harness and two delivery wagons; city water, electric light; \$4000 a year dividend; net 20 summer flowers; price \$1,200 cash; other business requires my attention. Address Florist, Box 45, Delavan, Wis.

FOR SALE—50 boxes double strength H-in. A and B glass; also one Hittings No. 16 corrugated fire-box boiler, in use 6 seasons; as good as new; write for prices. Carl Rauth, Springfield, Ill.

FOR SALE—The most profitable retail cut flower store in the finest residence district of Chicago. 1000 ft. glass; single; state age, experience, wages; send written testimonials. The Howland Nursery Co., Los Angeles, Cal.

FOR RENT—An establishment consisting of five acres of land, one dwelling house of 12 large rooms, in fine condition, 1800 bars, three greenhouses—one 100x20 two 100x10, all thoroughly heated; new boiler pit in last October, capable of heating double the present requirements, or will lease the greenhouses separately. Address A. care Florists' Review.

FOR SALE—\$3.00 cash buys hot water circulation for with heavy door frame and grate bars; will heat about 4,000 ft., and is in perfect condition. Geo. A. Binger, Springfield, N. Y.

FOR SALE—45 boxes \$x.30, 45 boxes 10x2 second hand "A" glass, single; about 2500 lbs. of each size. Alexander Waldbart, Hamilton Ave. and Horton Pl., St. Louis, Mo.

WANTED—Young plants of Papa Gontier rose. The Dinege & Conard Co., West Grove, Pa.

WANTED—Expert rose propagator of long experience and skill; must be single; state age, experience, wages; send written testimonials. The Howland Nursery Co., Los Angeles, Cal.

WANTED—Expert rose propagator, capable of taking full charge of growing; must take stock in growing; must be single; state age, experience, wages; either cash or to be paid out of salary, stated sum per year; salary \$1,000; location extreme west; "corporation." care Florists' Review, Chicago, Ill.

SITUATION WANTED—Private or commercial charge or foreman; would rent good place, 5,000 ft. or less and land, between New York City and Montreal; have been in business and have tools; German; married; family; A I references. Address Joseph Braun, Lawrence Street, Glenn Falls, N. Y.

WANTED—100 each—Passifloras in three best varieties; single bushy plants. The McGregor Bros. Co., Springfield, O.

WANTED—As partner, in a well established florist business, a man with \$500 to \$1,000 capital; must have an intelligent idea of growing bulbs and carnations, etc.; this is an excellent opportunity for a pushing man. Address M. R. care Florists' Review.

SITUATION WANTED—As working foreman on commercial place; 18 years' practical experience; best of references; single; address Ed. Wiseman, 601 N. 10th St., St. Joseph, Mo.

FOR SALE CHEAP—One second hand 20 horse power Atlas horizontal tubular engine, with dome attached; complete for setting up except stack; will be sold at a bargain; has been used but short time. G. Van Rochove & Bro., Kalamazoo, Mich.

SITUATION WANTED—By steady, industrious man; experience growing cut flowers and plants; interested worker. W. Teasley, General Delivery, Troy, N. Y.

WANTED—Two young men for greenhouse work. Write for particulars, single, address Morton Grove Greenhouses, Morton Grove, Ill.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail business; yield about \$4,000. Use of 3 or 4 acres adjoining houses free of charge. Address Florist, care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age, with
A Decorator and Designer second to none,
with best references in the country,
wants a permanent position.
Address Salesman, care Florists' Review.

A CONVENTION JINGLE.

Mr. J. Austin Shaw, the "Brooklyn Bard," has dashed off a few convention verses and has favored us with a copy. Following are a few selections:

As cheering and refreshing
As a green oasis can be
In the Desert of Sahara,
And a fountain, too, of blessing,
Such as can feed other mortals,
Is our President O'Mara.

An encyclopedia human,
Dignified, suave and tender,
Lacking only, as a true man,
Some one of the female gender—
So let us hope in 1902
There'll be a Mrs. O'Mara too!

For just about a generation
Our secretary's held his station,
I think 'twere well to make it last
Until his soul's to glory passed,
And if he's careful now and thrifty
That oughtn't to be 'till 1905!

'Tis a comforting thing to be able to know
Just where every dollar we "rough up" will go,
And to feel every night when we turn in to
sleep
That exactly the "surplus" will faithfully keep,
He's a treasurer true and we think he will do
And I vote we retain him in office, don't you?

Dear Father Smith, the Charter is your baby;
The S. A. F. O. H.—"Papa" will call you,
Full many an offspring you have fathered
maybe.

But do not let your progeny spall you.
We all your children are and love you dearly,
I hope you realize our meaning clearly,
In this bright world we trust you'll always
stay.

Three cheers for "Father Smith." Hurrah!
A household word is his honored name
From the Golden Gate to Faree and the
Hague,
And all of us crown him with glory and fame,
Our "silver tongued" orator, Robert Craig.

When the "Hall of Fame" is built
And its walls with gold are gilt
And the honored names of horticulture
On its tablets glow,
I am confident you'll see,
We'll perhaps not nor you me,
But I'll guarantee the name of generous
E. M. Wood will go.

Where the "barkers" loudest holler,
Where "fast and furious" is the fan,
You can bet your bottom dollar
You will find Ed. Winterston

He will "own" the Streets of Cairo,
Heard the Lions in their cages,
Try to buy the wives of Pharaoh,
Caring not to ask their ages,
But there's one thing—let him go it—
He'll not find, sir, if I know it,
That's a modern Turkish bath and the chance
to kill a poet.

You may go from here to Paris
And search Ireland if you will,
But another "Deacon" Harris
You'll be looking after still,
Just as young as he used to be,
Bowling and fishing and shooting with skill,
He's found the "Elixir," it seems to me,
May he reach a hundred—we think he will.

I wonder if Carmody's hinges have rusted,
or most, if not all, of his rollers have busted
There certainly isn't much else but heat,
And I fear his old friend with the cloven feet
Has discarded his hinges and changed the door
And respectable weather we'll see no more
But while we have sized it's a comfort to me
That sooner or later, he'll roast J. D.!

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Mr. Richard Gardner, Newport, R. I., registers seedling rose "Newport Rambler." Seed parent, Wichuraiana; pollen parent, Crimson Rambler. Color, pink, similar to that of Mrs. S. Crawford, with an occasional pure white flower in the same cluster. Fragrance like seed parent, strong grower, not quite so prostrate as Wichuraiana; very double with reflexed petals. WM. J. STEWART, Secretary.

SEND ORDER and copy quick for advs. in our Convention Number to be issued next week, or you will be too late.

E. H. HUNT
THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
and Dealers in **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.

Mention The Review when you write

A. L. RANDALL,
Wholesale Florist

Don't forget we are at 4 WASHINGTON
STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....

WHOLESALE
GROWER of
CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS.

Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write

C. A. KUEHN WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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**The Cincinnati
Cut Flower Co.,**

416 Walnut St., Wholesale Florists,
CINCINNATI, O.

Consignments Solicited.

Special Attention given to Shipping Orders.

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CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.

32, 34, 36 Randolph St.
CHICAGO, ILL.

Mention The Review when you write

BENTHEY & CO.

F. F. BENTHEY, Manager.

WHOLESALE AND Commission
Commission Florists, Solicited.

35 Randolph St. CHICAGO.

Mention The Review when you write

WIETOR BROS.
Wholesale
Growers of **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO

Mention The Review when you write

WEILAND - AND - RISCH

CHICAGO'S RELIABLE WHOLESALE
GROWERS and SHIPPERS OF..

CUT FLOWERS,
59 Wabash Avenue, CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

H.G. Berning
WHOLESALE
FLORIST.
1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write

FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

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Nephrolepis Wittboldii

You already know what Henry A. Dreer, Philadelphia, and A. J. Baldwin, Newark, O., think about Nephrolepis Wittboldii. Here is what the E. G. Hill Co. say about it:

The E. G. Hill Co.,

Wholesale Florists.

Richmond, Indiana, June 24th, 1901.

The Geo. Wittbold Co.,

Chicago, Ills. 1657 Buckingham Place.

Gentlemen: We are greatly pleased with your new Fern "Wittboldii" and predict for it great popularity. Our plants are now showing their true character, and it is hard to conceive a more beautiful plant. The fronds will certainly be in great favor for cut purposes.

Yours truly,

The E. G. Hill Co.

We are still supplying strong plants of Nephrolepis Wittboldii, "The Great Fern of the Future," at \$1.00 each, \$10.00 per doz.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

California Grown Bulbs.....

Calla Lilies, monster bulbs	100	1000
..... 6-in. circumference	4.00	\$35.00
..... 5-in.	3.50	30.00
..... 4-in.	3.00	25.00
..... 2 1/2 to 3-in.	2.00	15.00
Narcissus, Paper White	1.00	7.50
..... Incomparable	75	3.00

Send for price list of Japan Lily Bulbs; also Young Palms, California Grown Camellias and Araucarias.

F. LUDEMANN,

Pacific Nursery, SAN FRANCISCO, CAL.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST

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JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.
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Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

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One Chance in a Thousand

To get stock of **Well-Tested Novelties** of 1899, 1900 and 1901 varieties: Annibal, Dr. Despres, H. De Parville, Madagascar, Rene Bazan, Jean Laher, Fredrickon, Jules Claretie, Apotheose, La Fraicheur, Cimarosa, Emmanuel Arene, Mantau De Feu, Mme. Goyeux, Profusion, Dr. Beaumets, Mme. L. Noisette, Thos. Meehan, Mme. Landry, Jean Vland, Mark Twain, Dryden, Bellerophon, Clyde and Jules Lemaitre, from 2 1/2 and 3-inch pots. The entire collection of 25 varieties, including one **Little Pink**, for \$2.50. Also Standard Varieties from 3-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Heteranthe, Nutt. W. E. HALL, CLYDE, OHIO.
Mme. Bruant, W. H. Bailey, etc., at \$5.00 per hundred.

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THE FLORISTS' MANUAL.

A Reference Book for Commercial Florists

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERA.

Par. major and Aurora pink, \$2.00 per 100; \$18.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Alternanthera, fine pink, 2 1/2-in., \$2.00 per 100. Morris Floral Co., Morris, Ill.

AMPELOPSIS.

Hot-grown Ampelopsis Vitis, all size and quality. F. S. White, New Rochelle, N. Y.
Ampelopsis Vitis, strong stems 2-in., \$2.00 per 100. Hort Floral Co., Richmond, Ind.

ARAUCARIAS.

ARAUCARIA EXCELSA. The best value we have ever offered in this plant.

Pots.	High.	Tiers.	Each.
1-inch	6 to 8 in.	2 to 3	\$ 2.50
2 1/2-in.	10 in.	3	.75
3 1/2-in.	12 to 14 in.	3	1.00
4 1/2-in.	14 to 16 in.	4 to 5	1.50
5 1/2-in.	18 in.	4 to 5	2.00

ARAUCARIA EXCELSA GLAUCOA.
Pots. High. Tiers. Each.
1-inch 3 in. 2 3.75
2 1/2-in. 10 in. 3 1.50

ARAUCARIA ROBERTA COMPACTA.
Pots. High. Tiers. Each.
1-inch 3 in. 2 \$1.00
2 1/2-in. 10 in. 3 1.25

H. A. DREER, 7th Chestnut St., Philadelphia, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. A bargain. 400 4-year-old roots, \$12.50 per 100, or the lot for \$40.00; sold for want of height to grow. Will cut more and longer next. Cash with order. H. F. Owen, Toughkenamon, Pa.

Asparagus plumosus nanus. Immediate delivery. 2 1/2-in. pots, strong. \$4.00 per 100; \$35.00 per 1000.

Asparagus Sprengeri 2 1/2-in. pots, strong. \$2.50 per 100; \$25.00 per 1000. Cash. Jos. H. Cunningham & Perkins Co., Newark, New York.

ASPARAGUS PLUMOSUS NANUS. Cut strings 8 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus, 2 1/2-in. pots, per 100; Sprengeri, \$2.00; plumosus, \$2.50. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, in 4-inch, full of roots and bushy, a few hundred for \$7.00. Cash. G. H. Dodge, Billerica, Mass.

Asparagus Sprengeri, 2-in., \$2.00 per 100. Plumosus \$2.50 per 100. Cash with order. L. Ullrich, Tiffin, Ohio.

Asparagus plumosus, strong plants, \$3.00 per 100; \$30.00 per 1000. W. D. Chase & Son, New London, Ohio.

A fine lot of 3-in. Sprengeri at \$5.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Asparagus Sprengeri, per 100; 2-in., \$1.50; 2 1/2-in., \$2.00. M. J. Coventry, Fort Scott, Kan.

Asparagus plumosus nanus, fine, 2 1/2-in., \$3.50 per 100. Cash. Mrs. E. Kuntz, Frankfort, Ind.

Fine Sprengeri and plumosus in 2 and 3-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, seedling, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASPIDISTRA.

Aspidistra. Average over 10 leaves to the 6-in. pot, 30c per plant. Mayer & Sons, Willow Street, Lancaster County, Pa.

ASTERS.

Asters. In separate colors, pink, white and crimson, fine, strong, 2-in., \$1.50 per 100; \$12.00 per 1000. C. Humfeld, Clay Center, Kan.

AZALEAS.

Azalea Amoena, one of the choicest hardy dwarf shrubs. Two-year-old, field-grown plants, \$2.50 per 100. From thump pots, \$5.00 per 100; 2 1/2-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list.

BOEBINK & ATKINS, RUTHERFORD, N. J.

BEGONIAS.

Begonia Thurston and A. Guttata, 2 1/2-in., 6c per doz.; 5-in., 6c per doz.; Pres. Carnot, 5c per doz.; Fensill and Starr; large plants, 6c per doz. Cash. A. J. Baldwin, Newark, Ohio.

Elegant 3-in. stock of Begonia Rex. Fifteen varieties, ready to shift, at \$10.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

BEGONIA REX, in 15 standard vases, from 2 1/2-in. pots, \$4.00 per 100; 3-in. pots, \$6.00 per 100.

PAUL MADER, East Stroudsburg, Pa.

Begonias, 2 1/2-in., 10 varieties, ready for 4-in., \$2.00 per 100. E. G. Bunyar, Independence, Mo.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1000. Cottage Gardens, Queens, N. Y.

Begonias, 3 varieties, 2 1/2-in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

Solanum Capsicastrum, 3-in. pots, \$2.50 per 100. McKellar Greenhouses, Chillicothe, Ohio.

BULBS.

Calla lilies, monster bulbs, \$7.00 per 100; 6-in. circ., \$4.00 per 100; 5 1/2-in. circ., \$3.50 per 100; \$3.50 per 1000; 4-in. circ., \$3.00 per 100; \$25.00 per 1000; 2 1/2 to 3-in. circ., \$2.00 per 100, \$25.00 per 1000.

Narcissus, Paper White, \$1.00 per 100, \$7.50 per 1000. N. Incomparable, 75c per 100, \$5.00 per 1000. Send for price list of Japan lily bulbs; also young palms, California-grown camellias, and araucarias. F. Ludemann, San Francisco, Cal.

Lilium Harrisii, sound, clean stock.

5x7	.....	\$2.50	1000	1000
7x3	.....	1.50	1000	90.00
7x3	.....	5.00	20.00	90.00

Freesia, extra refracta alba.
% to 1 1/2 in. list size.....\$0.40 \$3.00
% to 1 1/2 in. "Monsters".....60 5.00

H. N. BERGER & CO., 47 Barclay St., New York.

Many of the best growers consider our lilies superior to any other market. We guarantee the same quality bulbs that they receive by ordering now. The bulbs have just arrived and are healthy, promising splendid results. 5 to 7-in. circ., \$4.50 per 100; \$40.00 per 1000. Case lots of 400 at 1000 rate. 7 to 9-inch, \$2.25 per 100; \$90.00 per 1000. 200 at 1000 rate. 6 to 7-in. circ., \$1.50 per 100; \$10.00 per 1000. H. W. Massey, Raleigh, N. C.

Home Grown Bulbs. Narcissus Von Slon now ready. Extras, \$10.00 per 1000; first class, \$3.50 per 1000. Lilium Harrisii, small bulbs for planting in the south, \$9.00 per 1000. Extra young bulbs all sold. Small Longiflorum at same price. A fine lot of mixed single Narcissus, including many of the finest sorts, for sale low. W. F. Massey, Raleigh, N. C.

Freesia bulbs, per 1000 prepaid: 1/4 to 3/4, \$1.25; 3/4 to 1, \$1.50; 1 to 1 1/2, and over, \$3.00. Cyclamen sinuatum, per 1000 prepaid: Fine dormant bulbs, \$4.50; strong young plants, \$2.00. Cash with order. Fred Raftery, Hermosa Beach, California, Cal.

Lilium longiflorum. Cold storage bulbs, 5 to 7-in., will produce 3 to 6 flowers; \$5.00 per 100; \$40.00 per 1000. Why take chances on diseased bulbodias when you can have a sure thing? Edw. Alex. Wallace, Victoria, B. C.

Bermuda-grown Lilium longiflorum, 5 to 7-in., \$2.50 per 100; \$20.00 per 1000; 7 to 9-in., \$4.00 per 100; \$35.00 per 1000. Lilium Harrisii are also in. J. M. Thorburn & Co., 26 Cortlandt St., New York.

Lilium Harrisii. Just arrived in fine condition, ready for delivery. Prices on all bulbs, tubers, plants and roots, cheerfully given by sending your list of wants to F. W. O. Schmits, Jersey City, N. J.

Bulbs. Ready now. Callas, all sizes, Freesia and Bermuda-grown Harrisii. Special price list of fall bulbs sent on request. W. W. Barnard & Co., 161 Kinzie St., Chicago.

7 to 9 G. Narcissus, \$7.00 per 1000. Daffodils (Golden Candlesticks), \$2.00. Jonquils (Campanella), \$4.00. Try a sample. Misses Wilson, Mildred St., Montgomery, Ala.

Our wholesale trade price list of high class bulbs and florist stock, \$2.00 per 1000, price list will be mailed on application. J. M. Thorburn & Co., 26 Cortlandt St., New York.

Bulbs. Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Tuberosa and Caladium Esculentum bulbs for December and January delivery. Write to Jno. F. Croom & Bro., Growers, Magnolia, N. C.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

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Bulbs, all kinds. Ask for special bulb list. BOEBINK & ATKINS, RUTHERFORD, N. J.

CACTI.

A great variety of cacti at low rates. Cuttings and offsets from blooming plants, all named. E. J. Felt, Cash. Mrs. M. E. Patterson, Glendale, Cal.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

CANNAS.

Cannas, 2000 fine plants from 4 1/2-in. pots. Mme. Crozy, 200 White Cloud, Fort Wayne, Ind. Vaughan and others, \$6.00 per 100. J. & W. Leitch, 1010 Debevoise Ave., Long Island City, N. Y.

Cannas. F. Vaughan, Crozy, C. Henderson, A. Bouvier, Burbank, Pres. Cleveland, Robt. Christie, Esquandale and Charlotte, fine plants from 4-in. pots, \$3.00 per 100. S. M. Harbison, Danville, Ky.

CARNATIONS.

FIELD-GROWN PLANTS.
500 Scott, 800 Mary Wood,
940 Evoluta, 2500 White Cloud,
600 Daybreak, 300 Olympia,
1200 Lord, 300 America,
2400 Clark, 2500 Felt,
2000 Joost, 200 Hill,
500 Morning Glory, 600 Glencoe,
800 Crane, 2000 Victoria,
3000 Triumph, 600 Jubilee.

At \$3.00 per 100 for 1st size.
35.00 per 1000 for all sizes.

800 LAWSON, all first size, at \$10.00 per 100. Our plants are the finest we ever grew and are largely set out in the open, growing on our own houses. Cash or C. O. D. from unknown parties. W. J. & M. S. VESBY, Fort Wayne, Ind.

Field-grown plants of QUEEN LOUISE, the best commercial white now on the market. \$12.00 per 100; \$100.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

Carnations. Field-grown plants for latter part of Aug. and Sept. delivery. For prices and varieties write H. Weber & Sons, Oakland, Md.

Carnations. Leading varieties, strong field-grown plants, \$5.00 per 100. Christ. Hansen, Wholesale Florist, St. Paul, Minn.

Field-grown plants of IRENE ready Aug. 29. Write for carnation list. Crabb & Hunter, Grand Rapids, Mich.

Carnations. Place your order now for field plants for fall delivery. Geo. Hancock & Son, Grand Haven, Mich.

Carnations. Rooted cuttings and fall plants in their season. William Swayne, Kennett Square, Pa.

For carnations write F. Dornier & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Good plants from 2 1/2 and 3-in. pots in following varieties: Walter Matthei, Mrs. W. A. Farr, Evangelina, Philadelphia, Wm. Simpson, Yellow Queen, Nancya, Pride of Stokill, Gantelizer, Yellow Fitzgram, Lady Fitzgram, Mrs. Geo. Branchall, Silver Wedding, Pennsylvania, Polly Rose, Glory of Pacific, Florence Fullman, Mrs. Whittier, Mrs. Ellis, Pres. Smith, J. H. Starin, M. Henderson, M. De Montfort, Ivory, Pink Ivory. About 2000 in all at \$2.00 per 100; \$17.50 per 1000; \$1.00 per 1000. Write for anyone that can use them. Lot. Bargain for anyone that can use them. Geo. Darsley, 176 Claremont Ave., Jersey City, N. J.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2 1/2 feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull or faded color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each, \$3.50 per doz.; \$25.00 per 100. James Niven, Throntal Vale Nursery, Oakland, Cal.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Chrysantheums from 2-in. pots of the following varieties:
 Mrs. Craig Lippincott,
 Minnie Wanamaker,
 Clara Good,
 Delia Jones,
 Jennie Anderson,
 Harry Hurrell,
 Golden Yellow,
 Mrs. M. J. Tynnor,
 Glory of Pacific,
 Modesto.

All plants are A1 and the leading varieties.
 W. F. KASTING, 481 Washington St., Buffalo, N. Y.

Chrysantheums, strong, rank-growing plants from 2½-in. pots, the following varieties: White-Weston King, Kate Brown, Queen, Niveus, Pink-W. R. Smith, Mrs. Murdoch, Mrs. Perrin, Hignibotham, yellow Major Bonaffon, Modesto, Gloria, At \$1.75 per 100; \$15.00 per 1000. Mrs. J. W. Crouch, Chattanooga, Tenn.

Chrysantheums Pink Ivory, Mar. de Montemort, M. Henderson, Adele, Minnie Wanamaker and Bonaffon, thrifty young plants, 2½-in., \$2.50 per 100. Also 10,000 other standard varieties in lots of 10 to 120 of a kind, just right for single stem pot stock, strictly our selection, \$2.00 per 100. N. Smith & Son, Adrian, Mich.

Chrysantheums, new and old varieties. A large stock of young, thrifty plants during August. Our selection, all good varieties, \$2.50 per 100. J. W. Weston, Sons, Oakland, Md.

Chrysantheums Glory Pacific, Merry Xmas, also a few of the other leading varieties, 2½-in., \$2.50 per 100. Harry White, New Holland, Ind.

Chrysantheums, \$30.00 per 1000. Pochmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Large flowered Clematis, finest purple, white and lavender sorts, 3-year, 30c; fine 2-year dormant or from 5-in. pots, 15c; fine 1-year at very moderate prices. Clematis Punctata, dormant or from 5-in. pots, 10c. Packing free for cash. Would like to exchange a copy of Henderson's fine, clean, root cuttings or 2-in. Geraniums, Coleus and Lobelia. W. H. Salter, Rochester, N. Y.

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Coleus, very strong plants, \$2.00 per 100; \$20.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Coleus, 2-in., \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

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Cycas, strong fine plants, \$3.00, \$4.00 and \$5.00 per doz. Special figures on larger sizes. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Cycas revoluta, long-headed sort, \$8.00 per 100 lbs., in from 1 to 15 lbs. H. H. Berger & Co., 47 Barclay St., New York.

Cycas. Ask for special price list.
 BOBBINK & ATKINS,
 RUTHERFORD, N. J.

CYCIAMEN.

Cyclamen grand spl. Special fine strong plants in 3-in. pots in different colors, \$7.00 per 100. Will give good satisfaction for Christmas. J. H. Flessner, West Hoboken, N. J.

Cyclamen, Persicum and giganteum for Christmas blooming; fine large plants, 3-in., \$2.00 per 100; \$20.00 per 1000. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen Giganteum, strong young plants, \$3.00 per 100 prepaid. Cash. Fred Rafferty, Hermost Gardens, Santa Ana, Cal.

CYCIAMEN, PERSICUM and GIGANTEUM, GIGANTEUM from 2½-in. pots, \$5.00 per 100. PAUL MADER, East Stroudsburg, Pa.

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Dracaena Brantii, as hardy and as useful as a Rubber plant.

Pot. High. Each. Dozen.
 5-inch 15 to 18 in. \$0.35 \$4.00
 6-inch 20 to 24 in. .50 5.00
 H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Dracaena indivisa, 6-in. pots, large plants, \$3.00 per 100. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Dracaena indivisa, 2½-in., \$2.50 per 100. Bright white onions. Beaulieu, Woodhams, N. Y.

FERNS.

FERN'S SPECIALTY.

Our big stock of ferns for the summer trade to be cleaned out at a bargain.

ADIANTUM CUNEATUM, 4-in. pots, \$12.00 per 100; \$100.00 per 1000. 2-in. fine bushy plants, \$3.00 per 100; \$25.00 per 1000.

ASSORTED FERNS for Jardinieres, well grown stock in the leading varieties from 3½-in. pots, \$3.00 per 100; \$25.00 per 1000.

ADIANTUM FARLEYENSE, largest stock in the country. Write for prices.
 Samples of all ferns sent free.

Cash or C. O. D. Money refunded if not satisfactory.
 ANDERSON & CHRISTENSEN,
 SHORT HILLS, N. J.

50,000 Boston ferns. Small plants, \$5.00 per 100; \$40.00 per 1000. Large plants, \$6.00 to \$20.00 per 100 taken from bench extra fine stock. Rubbers, 18-in. high, \$4.00 per doz.; 23-in. high, 6-in. pots, \$5.00 per doz. Wm. A. Bock, North Conduy, Mass.

Boston Ferns. Extra fine stock from benches. Small plants, per 100, \$5.00; per 1000, \$40.00. Large plants, per 100, \$10.00 to \$25.00. Very bushy plants, per 100, \$20.00 to \$150.00. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

FERNS, over 500,000 of all the leading varieties ready for distribution; fine young stock. Our selection, \$3.50 per 100; \$30.00 per 1000.

DREER, 714 Chestnut St., Philadelphia, Pa.

Extra nice stock of Pteris serrulata and Pteris cretica albelineata from 2½ and 2½-in. pots, \$2.00 per 100; \$20.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Ferns. We have at all times a nice variety of ferns in 2½-in. pots, suitable for fern dishes, etc. at 25 cents per 100. H. Weston & Co., Hempstead, N. Y.

Ferns, beautiful varieties of native and British, Elkhorn, Polyp. aureum, climbing etc., from 5 to 25 cents. B. B. Baker, Norwood, Ontario.

Nephrolepis Exaltata Bostoniense, the handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 per 1000. Fred C. Becker, Cambridge, Mass.

Boston ferns, all sizes. Ask for special trade list.
 BOBBINK & ATKINS,
 RUTHERFORD, N. J.

Adiantum Farleyense, 1½-in. pots, pot-bound and ready for a shift, \$8.00 per 100; \$75.00 per 1000. Cash. Dean & Parse, Summit, N. J.

Fine 3-in. Adiantum capillus veneris for fern dishes, etc. at 25 cents per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

1500 Adiantum Cuneatum, 5-in. pots, \$12.00 per 100; \$100.00 per 1000. A No. 1 stock. Dewey Bros., New York, N. Y.

Boston ferns in all sizes. Write Geo. A. Kuhl, Pekin, Ill.

FIGUS.

FIGUS ELIATICA.
 Pots. High. 12 100.00
 4-inch 10 to 12 in. \$4.00 \$30.00
 6-inch 20 to 24 in. 9.00 75.00
 H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

FRUIT PLANTS.

POT GROWN STRAWBERRY PLANTS. For the best stock of these plants send to Wilfrid Wheeler, Concord, Mass. Special attention to all florists. Our stock has 15 varieties, but the MINUTE MAN leads them all. Price list free.

Potted strawberry plants, 39 varieties, at \$1.50 per 100; \$12.50 per 1000. Send for list. Tice C. Kevitt, Athens, N. J.

GARDENIAS.

Gardenia Florida fl. pl. No. 1 A stock from open ground, well rooted and branched, 18 to 20 inches high, \$7.00 per 100. B. H. Ritter, Fort Royal, S. C.

If you read these ads. others would read yours.

GERANIUMS.

For the spring of 1902 we shall offer, after 3 years' growth, the following new geraniums: J. D. Eisele-Color, purest wine red; single. A zonal of brilliant and new coloring, throwing immense flowers, perfectly double. James Davidson-Color, true lilac; single. A zonal of a color not previously found among geraniums, and of immense size on long rigid stems, sunproof and very floriferous. A striking novelty. We also have two new Mars type plants, the Jewel, purest scarlet and Venus, pale salmon. H. Eichholz, Waynesboro, Pa.

One chance in a thousand to get stock of well tested novelties of 1899, 1900 and 1901. Dr. Deussen, Jean Weir, Geo. J. G. from 2½-in. and 3-in. pots. A collection of 25 varieties, including one Little Pink, for \$5.50. Also standard varieties from 2-in. in bud and bloom, for bedding and market purposes. Marvel, Nutt, Mme. Brunt, etc., \$5.00 per 100. W. E. Hall, Clyde, Ohio.

Geraniums S. A. Nutt, Bruntii and Dbl. Grant, strong plants, 2½-in., \$1.25 per 100; \$12.00 per 1000. F. Perkins, Beaute Polveine, Hill, C. Fawcett, 2-in. and 3-in. pots, \$1.50 per 100; \$15.00 per 1000. Rooted cuttings of the above, \$1.00 per 100; \$10.00 per 1000. Buckley Flint Co., Springfield, Ill.

2000 Geranium America, 3-in. pots, strong plants, \$4.00 per 100; \$35.00 per 1000. A fine collection of Bedding Geraniums, 3-in. pots, \$3.00 per 100; \$25.00 per 1000. J. D. Brennenman, Harrisburg, Pa.

Mars, 2½-in. big stock, \$3.00 per 100. Best bedding geraniums, 2½-in., \$2.00 per 100; \$20.00 per 1000. Rooted cuttings, \$1.50 per 100; \$15.00 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

1000 geraniums. Best leading bedding varieties, 4-in. pots; nice stock plants. Prices on application. Wm. Schroeder, 10th St. and 1st Ave., Williamsbridge, N. Y. City.

New scarlet John Deane and Mary Hill, dbl. pink 2½-in. in bud and bloom, \$6.00 per 100. Kraber, New Bedford, Mass.

Geraniums, 2-in., \$1.50, 3-in., \$2.50 per 100. E. I. Rawlings, Quakertown, Pa.

HARDY PLANTS.

Those desiring nursery stock for transplanting next spring will be allowed 5 per cent in stock, if order is sent now. Paenoea—Fifty named varieties, September delivery, \$10.00 per 100. We will supply Herbaceous Plants in 30 varieties, our selection, for \$25.00 per 1000, if order is given on or before August 1st. The Elizabeth Nurseries Co., Elizabeth, N. J.

Baltimore Nurseries. Wholesale and Retail. We offer for fall 1901 and spring 1902 a full line of fruit, shade and ornamental trees, shrubs, Evergreens and Roses, Japan Pear Seedlings, Peach pits. Dealers' trade a specialty. All stock fumigated and free of disease. Send us a list of your wants. Franklin Davis Nursery Co., Baltimore, Md.

NEW HOLLYHOCK ALLEGHENY. Large semi-double PRINGED flowers. A great improvement on the city on the award plants wherever it has been shown. 25 cents per large trade packet. Sow now for next summer's bloom. A. E. Weston, Utica, Pa.

25 slms. 5 to 8-in. caliper; the specimens with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Meem, Morrisville, Bucks Co., Pa.

Dicentra spectabilis, strong field grown plants, \$1.00 per doz.; \$6.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 577, or write Edw. E. Jackson, Stamford, Conn.

For hardy herbaceous perennials write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. LAGER & HURRELL, Summit, N. J.

Strong, well established, healthy plants, at 25.00 per doz. and 200.00 per 1000; of best quality, \$10.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIES.

Paeonia, red, scarlet, pink, white, assorted, strong fine plants, \$1.00 per 100; \$10.00 per doz. Strong divided roots, \$10.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Paeony roots, at 1c per stem as shown on preceding page, this year's growth. Fall planting during Sept. and Oct. Colors, rose, pink and red. Brant & Noe, Forest Glen, Md.

Paeony roots, order now for fall delivery. Large 6-inch, \$25.00 per 100; strong divided roots, \$10.00 per 100. Chicago Paeony Farms, Joliet, Ill.

Paeonies, 5 plants to \$25.00 each. Send C. S. Harris, 101 1/2 St. York, N. Y.

Paeonies, 5 plants to \$25.00 each. Send C. S. Harris, 101 1/2 St. York, N. Y.

PALMS, ETC.

PALMS. We devote special attention to the list here enumerated below, with at this time are an unusually fine condition:

Table with 2 columns: PALMS and Prices. Includes items like ARECA LUTESCENS, 1 pot, 12 100; 2 in a pot, 12 125; 3 in a pot, 12 150; 4 in a pot, 12 175; 5 in a pot, 12 200.

COCOS WEDDLEIARNA.

Cocos this season is again scarce. Our stock is in fine condition. Offer good 2-in. pots, 10 to 12 inches high, at \$2.00 doz.; \$15.00 per 100.

KENTIA BELMORIANA.

Table with 2 columns: KENTIA BELMORIANA and Prices. Includes items like 2 1/2 inch, 12 100; 3 inch, 12 150; 4 inch, 12 200; 5 inch, 12 250; 6 inch, 12 300.

PHOENIX BICUCOLA.

A fine lot of 4-in. pots of this the most beautiful of all the Phoenixes, just showing character, \$4.00 per doz.; \$30.00 per 100.

KENTIA PORTSIANA.

Table with 2 columns: KENTIA PORTSIANA and Prices. Includes items like 2 1/2 inch, 12 100; 3 inch, 12 150; 4 inch, 12 200; 5 inch, 12 250; 6 inch, 12 300.

LATANIA BORBONICA.

Table with 2 columns: LATANIA BORBONICA and Prices. Includes items like 4 inch, 12 150; 5 inch, 12 200; 6 inch, 12 250.

For a complete list of reasonable stock see our advertisement in this issue.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

To make room I offer PALMS of the most profitable sizes for growing on. They are home-grown under best conditions, strong and healthy. Free from insects, disease and any just the kind of plants that will grow rapidly into money.

ARECA LUTESCENS.

Table with 2 columns: ARECA LUTESCENS and Prices. Includes items like 1 plant, 12 100; 2 plants, 12 150; 3 plants, 12 200; 4 plants, 12 250.

KENTIA BELMORIANA.

Table with 2 columns: KENTIA BELMORIANA and Prices. Includes items like 1 pot, 12 100; 2 in, 12 150; 3 in, 12 200; 4 in, 12 250; 5 in, 12 300.

KENTIA PORTSIANA.

Table with 2 columns: KENTIA PORTSIANA and Prices. Includes items like 1 pot, 12 100; 2 in, 12 150; 3 in, 12 200; 4 in, 12 250; 5 in, 12 300.

LATANIA BORBONICA.

Table with 2 columns: LATANIA BORBONICA and Prices. Includes items like 1 pot, 12 100; 2 in, 12 150; 3 in, 12 200; 4 in, 12 250; 5 in, 12 300.

These plants are all strong, ready to pot up. Other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, N.E.R.

I have 3 Pandanus utilis, 10 ft.; 1 Pandanus Vetchii, 10 ft.; 1 Rhapis tabelliformis, 10 ft.; 1 Latania borbonica, 7 ft., 14 leaves, and 2 Cycas revoluta, all in 2 1/2-in. tubs in fine condition, and will sell the entire lot cheap.

J. ELLIOT, Box 292, Bethlehem, Pa.

PALMS. The stock I offer for the coming season is fully up to my usual high standard of excellence. Descriptive price lists now ready and mailed free upon application.

CHAS. D. BALL, Holmestree, Philadelphia, Pa.

1500 and Decorative Plants. The stock I now offer is exceptionally fine, and I am confident it will give full satisfaction. Any of the following—Clean, strong, well furnished, bushy plants in 4-in., 6-in., 8-in. and 10-in. pots; all sizes have 14 to 15 leaves. Latania Borbonica and Heliconia—Fine stocky, well furnished plants in 3-in., 4-in., 6-in., 8-in., 10-in. and 14-in. pots. The 3-in. and 4-in. are 2 in a pot and have 14 to 15 leaves. Latania Borbonica—4-in., 6-in., 7-in., 8-in. and 10-in.; very fine. Heliconia—14-in. have 3 in a pot. Pandanus Vetchii, Pandanus Utilis, Draecena Terminalis, Draecena Sandhiana, Phoenix canariensis, Cycas Weddelliana, Ficus Elastica, Cycas Revoluta, etc. Lomax Hall, Wissinoming, Philadelphia, Pa.

Table with 2 columns: SPECIAL VALUES and Prices. Includes items like Kentia Belmoriana, 3 inch, strong plants, \$2.29; Latania Borbonica, 5 inch, 4.00; 6 inch, extra value, 6.00.

Let me quote you prices on Boston Fern and Rubber Plants. All sizes. B. Frank Barr, Lancaster, Pa.

Special offer of Latania borbonica: 5-in. pots, 5 to 7 leaves, \$5.00 \$40.00; 6-in. pots, 6 to 8 leaves, \$3.50 30.00; 7-in. pots, 7 to 9 leaves, \$3.00 25.00.

Special attention is drawn to the fact that all plants are perfect, strong stocky, are clean and of good color. Prices of Kentia and Arecas on application. Walter Retzer & Co., 290-292 Broadway, Chicago.

Unequalled bargain. 100 Kentias, clean, healthy, well proportioned, ranging in size from 1-in. to 14-in. pots. Going out of business and selling to clean up. This is your opportunity. Write for list. 441 Woodlawn Ave. Cincinnati, Ohio.

Kentias in all sizes. Ask for special trade list.

BOBBINK & ATKINS, THE FERRIFORD, N. J.

Phoenix canariensis, good plants from 5 and 6-in. pots, \$3.00 per doz. W. B. Sands, Lake Roland, Baltimore, Md.

Latania borbonica, elegant 3-inch stock, \$3.00 per 100; \$15.00 per 1,000. J. E. Heiss, Dayton, Ohio.

Palms. Latania borbonica, 4-in., \$15.00 per 100. Cash. G. W. Weatherly, Chillicothe, Mo.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

PANSIES.

Try a few hundred of mine, alongside any of other strain grown for comparison; we will both be the winner by this trial, for you will have found the very best pansies and I will have gained another regular customer. Plants only. I spend too much care and money on any pansy that I do not grow myself. The ruling price for the very best pansies is \$2.00 for 150; by express at your expense, \$4.00 per 100. Write for list. A. M. Herr, Lancaster, Pa.

Fine strain of large-bloomed pansies, 50c per pair; \$4.00 per 100. Write for list. \$1.00 with order. Chas. S. Dutton, 55 West 12th St., Holland, Mich.

PRIMROSES.

Chinese primulas, mixed and white, 2 1/2 in., \$2.00 per 100. New Yellow Baby Primrose, 2 1/2 in., \$2.00 per 100. Cash. Morris Floral Co., Birmingham, Pa.

Chinese, single, mixed, \$2.00 per 100. Obconica alba and rosea, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Primroses, single, named, \$2.00 per 100; double, named, \$3.00 per 100. John F. Rupp, Shawansville, Pa.

Baby Primroses, 2-in., \$1.50 per 100. M. J. Coventry, Fort Scott, Kan.

ROSES.

Rose Plants. Guaranteed absolutely free from mildew or red spider. Strong healthy plants. No culls. Per 100. Per 1,000. 2500 Bridesmaids, 3-inch, \$4.00 \$35.00; 3000 Bridesmaids, 2 1/2-inch, \$3.00 \$25.00; 3000 Brides, 3-inch, \$4.00 \$35.00; 500 Brides, 2 1/2-inch, \$3.00 \$25.00.

200 Meteor, 3-inch, \$2.50; 200 Meteor, 2 1/2-inch, \$2.50; 200 Meteor, 2-inch, \$2.50; 150 Testout, 3-inch, \$2.50; 100 Bon Silene, 3-inch, \$2.50; 100 Bon Silene, 2-inch, \$2.50.

Write for prices on chrysanthemum plants. J. M. GASSER CO., Cleveland, Ohio.

PINK GOLDEN GATE is offered by several growers and by ourselves at \$2.00 per 100. Try 100 of their plants. Write for list. Buy WHITE GOLDEN GATE in April 13. See our ad on page 52 of this issue. American Rose Co., Washington, D. C.

Roses. All stock ready now. 300 Bridesmaid, 4-inch, \$7.00 per 100; 200 Brides, 3-inch, \$5.00 per 100; 200 Bridesmaids, 2 1/2-inch, \$4.00 per 100; 300 Brides, 2 1/2-inch, \$4.00 per 100; 200 Brides, 2 1/2-inch, \$4.00 per 100; 1000 Bridesmaids and 1000 Brides, 3 1/2-inch, \$3.00 per 100; \$15.00 per 100; 500 Brides, 2 1/2-inch, \$4.00 per 100; entire lot, \$15.00 per 100.

W. F. KASTING, 481 Washington St., Buffalo, N. Y.

Perle and La France rose plants. 4-in., \$15.00 per 100; La France, 3-in., \$8.00 per 100; La France, 2 1/2-in., \$1.00 per 100.

Perles, 3-in., \$5.00 per 100; Brides, 3-in., \$5.00 per 100; Bridesmaids, 3-in., \$5.00 per 100; J. Wm. Colfesh, 350 and Woodland Ave., Philadelphia, Pa.

Roses. Extra fine plants on their own roots for winter forcing. Erie, Maid, Meteor, Kaiserin, Golden Gate, Fern, 2-in., \$7.00 per 100; 4-in., \$10.00 per 100.

Liberty, 3-in., \$5.00 per 100; 4-in., \$12.00 per 100; 5-in., \$15.00 per 100; 6-in., \$18.00 per 100; Our Liberty roses, both grafted and on their own roots, are in extra fine condition and perfectly healthy. No black spot. Write for list. J. L. DILLON, Bloomsburg, Pa.

Roses. To close out, 2,000 American Beauties, 3 and 3 1/2-in., \$50.00 per 1,000. Brides, Maid, Meteor, Kaiserin, Golden Gate, 3 and 3 1/2-in., \$35.00 per 1,000. Brides, Gates, Maid, Meteor, 2 1/2-in., \$18.00 per 1,000. 100 of a kind at 1,000 rates. We have 1,000 of plants to select from and guarantee satisfaction. Special Agent, 390 5-in. Marquis Litta, \$5.00 per 100. Post Office, Erie, Co., Morton Grove, Ill.

We have a surplus of Brides and Maids in 2 1/2-in. pots, which we will sell at \$20.00 per 1000. This is first class stock, grown for our own planting, and is in fine shape. We can sell you 1,000 at a time.

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Av., CHICAGO, ILL.

ROSE PLANTS.

Beauties, 3-in. pots, \$7.00 per 100; Bridesmaids, 3-in. pots, 7.00; Testouts, 3-in. pots, 7.00; Kaiserin, 3-in. pots, 7.00.

Fine healthy plants. Mann & Brown, Richmond, Va.

Roses from 3 1/2-in. pots at 9c. Fine, clean plants. 5000 of each. 5000 of each. Coquette, La France, Coquette des Blancs, Jacquemont, des Alps, Malmaison, Lady Emily, Pelé, etc.; Queen of the Fair, same size, at 9c. W. H. Sailer, Rockville, Md.

ROSES. WESTERN FLORISTS! We offer 1500 4-in. American Beauties at \$6.00 per 100; \$50.00 per 1000; 2000 3-in., \$5.00 per 100, \$40.00 per 1000; 2000 2 1/2-in., \$3.00 per 100, \$25.00 per 1000.

MEMPHIS FLORAL CO., Memphis, Tenn.

Extra fine stock: American Beauty, 3-in. pots, \$7.00 per 100; Bride, 4-in. pots, \$6.00 per 100; Bridesmaid, 3-in. pots, \$4.00 per 100; 2000 2 1/2-in. Brides, \$3.00 per 100.

W. T. & F. P. Butz, New Castle, Pa.

Ready for planting. Perfect stock. Brides, 3-inch, \$5.00 per 100; Maids, 3-inch, \$5.00 per 100; Golden Gate, 3-inch, \$5.00 per 100; Brown & Canfield, Springfield, Ill.

Grafted BRIDES and MAIDS, strong plants from 2 1/2-in. pots, \$15.00 per 100. 75 GRAFTED LIBERTIES, 4-in., \$15.00 per 100. 75 LIBERTIES, own root, 4-in., \$12.00 per 100. Christ Hansen, Wholesale Florist, St. Paul, Minn.

Roses, surplus stock; several hundred of each variety, 2 1/2-in. pots, \$2.00 per 100. Brides, 2 1/2-in., \$1.50 per 100; Perles, Golden Gate, 2 1/2-in., \$1.00 per 100. McKellar Greenhouse, Chillicothe, Ohio.

3000 fine roses to make room. Brides and Bridesmaids, from 3 1/2-inch pots only, \$3.00 and \$4.00 per 100. Cash with order. Speak quickly. James Horan & Son, Florists, Bridgeport, Conn.

All the leading varieties of roses in 2 1/2-in., shifted from 2-in. and equal to stock advertised at same price. Write for special prices on large lots. Geo. A. Kuhl, Peca, Ill.

1000 American Beauty, 4-in. pots, \$12.00 per 100; 500 Brides, 3-in. pots, \$7.00 per 100; \$75.00 per 1000. All fine large plants and perfectly healthy. A. L. Thorne, Flushing, N. Y.

ROSES—800 Brides, in 4-in. pots, \$5.00 per 100; 600 Bridesmaids, in 4-in. pots, \$5.00 per 100. The stock is first-class in every way. Cash with the order. M. B. Maguire, Madison, N. J.

1200 Bridesmaids, 3-in. pots, \$3.00 per 100; 200 Brides, 3-in. pots, \$3.00 per 100; 400 Perles, 3-in. pots, \$3.00 per 100. Cash with order please. Robt. Williamson, New Durham, N. C.

PLEASE REMEMBER THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

ROSES TO CLOSE. 125 American Beauties, 5-in., 2c each; 400 Bridesmaids, 400 Perles, 40 Golden Gate, 350 Brides, 2 1/2-in., 2c each. W. B. Sanks, Lake Roland, Baltimore, Md.

Roses. We have a few Brides, Bridesmaid, Morgan and Liberty roses, on owa roots, in 2 1/2-in. pots; good strong plants. J. W. Howard, Woburn, Mass.

Bride and Bridesmaid, from grafted plants in a sterilized soil, from 4-in. pots, \$3.00 per 100. Geo. L. Parker, 807 Washington St., Dorchester, Mass.

Fine, strong plants of Brides, Bridesmaid and Golden Gate roses, 2 1/2-in. pots, \$2.00 per 100; \$3.00 per 1000. Mrs. J. W. Crouch, Chattanooga, Tenn.

Surplus stock, to close 700 Perles, fine stalks, \$2.00 per 100, cash; 250 small Elizabeth, N. J. John White, Waverly Place, Elizabeth, N. J.

For forcing: 2500 Brides and Maids, 3 1/2-in. pots, fine plants, \$3.00 per 100. Cash with order. F. Walker & Co., New Albany, Ind.

GOLDEN GATE ROSES. Fine, thrifty 3-in., \$1.50 per 100; 2 1/2 and 2 3/4-in., \$3.00 per 100. Harshett's Florist, Dubuque, Iowa.

Manetti stocks. If ordered now, you will receive them early. Best at \$9.00 per 1000. Elizabeth Nursery Co., Elizabeth, N. J.

3000 Bridesmaid, Bride, Golden Gate, 4-in. pots, cheap to make room. Jos. R. Freeman, 612 1/2 St. N. W., Washington, D. C.

Roses. A few hundred good plants, left from our own planting, in 3 and 3 1/2-in. Write Weber & Sons, Oakland, Md.

Roses. H. P. roses, Crimson Rambler, H. T. Pink and special spring list for prices. Robbink & Atkins, Rutherford, N. J.

Metor, Bride and Maid roses, 3 1/2-in., \$2.50 per 100; \$3.00 per 1000. Very choice. Brant & Noe, Forest Glen, Chicago.

Roses 185 Maids, 125 Brides, 20 Marquise Litta, all 3-in., \$5.00 for the lot. Cash. Marion Floral Co., Marion, Ind.

Maids, Brides, Metors and Kaiserins, 2 1/2-in., \$2.00 per 100; 2 3/4-in., \$3.00 per 100. Krueger Bros., Toledo, Ohio.

Surplus roses. Brides and Maids, 2 1/2-in., and Golden Gate, 2-in., \$2.00 per 100. J. M. Smely, Aurora, Ill.

Brides and Maids, 3 1/2-in. pots, \$4.00 per 100; \$5.00 per 1000. Rhoads Island Greenhouses, Pawtucket, R. I.

2000 Perle roses, 3 1/2-in. pots, at \$5.00 per 100; \$6.00 per 1000. De Pew Bros., Nyack, N. Y.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

RUSSELLIA.

Russelia multiflora and elegantissima, extra fine plants in bloom, 60c per doz.; \$1.30 per 100. Cash. A. J. Baldwin, Newark, Ohio.

SALVIA.

Salvia Splendens, from pots, \$3.00 per 100. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

SEEDS.

- Asparagus pl. nans (true sort)..... 100, 1000
- Asparagus Sprenger..... 25, 200
- Moss anemite (true sort)..... 100, 750
- Asparagus ricinus..... 25, 200
- Cyclamen Giganteum Persicum..... 100, 1000
- Giant Mont Blanc, pure white..... \$9.85, \$7.00
- Asparagus red eye..... 25, 200
- Bright rose..... 75, 600
- Auto rubrum, fiery crimson..... 75, 600
- Beaumont..... 60, 500

Pansies. The cream of French, Scotch and German prize flowers. We furnish in any separate named sort, in separate colors, white, blue, red, yellow, bronze, black, striped; in mixed Cassin, Bugnot, Odier, Trimarideau, any 1000 seeds, 25c, or 5000 seeds, 90c.

Primula sinensis fimbriata seed in white, red, rose, blue, crimson; 100 seeds, 20c; 1000, \$1.50.

Cineraria maxima or nana; 500 seeds, 25c; 2000, \$1.00.

Cineraria maxima or nana; 500 seeds, 25c; the finest shrubby sort, \$1.00.

Send for our new illustrated catalogue; contains many interesting novelties. Address E. H. BERGER & CO., 47 Barclay St., New York.

PANSY SEED that comes true to description.

- Finest German strains..... 1/2 doz.
- Bordered, large-flowered, German..... 1.25
- Finest violet, rich colors..... 1.25
- Finest dark yellow, three-spotted..... 1.25
- Finest White, best large-flowered..... 1.50
- Finest French giant-flowered strains..... 1.00
- Woodbury's special mixture..... 1.25

One packet any of above.

DAVID B. WOODBURY, Pansy Specialist, South Paris, Me.

PANSIES. DO YOU WANT THE FINEST PANSIES?

THE JENNINGS STRAIN. They are all right. New crop seed now ready. Finest mixed, by mass pkt., \$1.00; 1/2 oz., \$3.00; 1 oz., \$5.00. Separate colors, 50c per 1000. Cash with order. Plants in September, \$4.00 per 1000.

G. B. JENNINGS, L. B. 334, Southport, Conn. GROWER OF THE FINEST PANSIES.

XXX PANSY seed of finest Giants, the best of the mammoth flowering varieties, critically selected, finest, 4,000 seeds, \$1.00; half pkt., 50c. Pansy "Buffalo," new giant, fringed and ruffled, mixed, 50c. Cineraria, best dwarf, 1000 seeds, 50c. Primula obovata grand., 1000 seeds, 50c. Chinese primrose, 500 seeds, \$1.00. A pkt. of the new ever-blooming forget-me-not "Constance" added to every order. John F. Rupp, Shiremanston, Pa.

Choice strains, crop 1901. Pansy seed, superb show mixture, trade pkt., 25c.; 1/2 oz., \$1.00; 1 oz., \$3.00. 25 Finest Giant Varieties, trade pkt., 25c.; 1/2 oz., 40c.; 1 oz., \$2.50. Cineraria, Giant Prize strap mixed, 500 seeds, 75c.; Polyantha (Crenata hybrida), trade pkt., \$1.00. Calceolaria, Giant Prize, superb, mixed, trade pkt., 50c.; 1/2 pkt., 25c. W. C. Beckert, Allegheny, Pa.

PANSY SEED. The famous DIAMOND strain, the best strain of the German type, large size, perfect form, the best of the best, a great variety of rich and odd colors and markings; all varieties, mixed, trade pkt., \$1.00; 1/2 oz., 40c.; 1 oz., \$2.00. Cash with order. **PANSIES A SPECIALTY FOR OVER 25 YEARS.** L. W. GOODELL, Pansy Park, Dwight, Mass.

Pansy seed, Barnard's Florist Mixture is a high-class, up-to-date mixture that fills the bill. It gives you pansies that sell. Trade pkt., 25c.; 1/2 oz., \$1.00; 1 oz., \$2.00. \$7.00 per 1000. Cineraria, trade pkt., 25c.; 1/2 oz., 40c.; 1 oz., \$2.00. \$1.00. Primula, Cineraria and Calceolaria seed, trade pkt., 50c. W. W. Barnard & Co., 10 Kinzie St., Chicago.

Pansy seed. You want the best. Griffith & Turner Co.'s Extra Blotched, mixed, 1/2 oz., \$1.25. Giant Trimarideau, choice mixed, 1/2 oz., \$2.00.

Cineraria—Grand Prize, gradiflora, pkt., 25c. Grand Prize, dwarf, pkt., 25c. Griffith & Turner Co., Seedsman, Baltimore, Md.

Cineraria, hybrid, dwarf, fine mixed, extra, per trade pkt., 50c. Pansy, giant Mme. Perret, trade pkt., 50c. \$5.00 per 1000. Cineraria, dwarf, fine mixed; Cecile Davy, pure white, trade pkt., 50c.; English, good mixed, 50c per 1000. Woodway, N. Y.

FRESH SMILAX SEED. 25c per 100; \$2.00 per lb. Write for prices in quantity. Order taken for Cobaea scandens and Anemone Sprengerii.

Mrs. Theodora B. Shepherd, Ventura-by-the-Sea, Cal.

Zirngel's GIANT MARKET and PANSY plants, 50c. per doz. best seed, ready to plant. pkts. of these celebrated strains, \$1.00 each; also separate colors, blue, red, black, white and yellow. Deutz, Zirngel's, Seedsmen, Chicago.

Seed of Giant of California pansy; 25c per trade pkt., \$1.00 per 1/2 oz., \$4.00 per 1 oz., free by mail. Orders from seedsmen not accepted. A. Mitting, Loomis, Cal.

Pansy seed; new crop; my own sowing; every possible color, shade and marking, \$1.00 per 1/2 oz.; \$1.00 per 1 oz. F. Brill, Hempstead, L. I., N. Y.

Cineraria. The proper strain. An extra giant mixture, 1/2 oz. 50c.; 1 oz., \$3.00. Plants later. Cash. E. W. Byer, Chambersburg, Pa.

Pansies worth raising. Good seed—as usual, 25c. per 100; \$1.00, \$2.00, Cash, Chr. Soltan, 119 W. 42d St., New York City, N. Y.

Wholesale price lists for florists and market gardeners.

W. Allee Burpee & Co., Philadelphia, Pa.

SMILAX. 5,000 2 1/2-in. pot Smilax plants, fine healthy plants, ready now. \$2.00 per 100; \$15.00 per 1000. Cash with order. H. F. Owen, Touchenon, Pa.

Smilax, good strong plants, \$1.50 per 100; \$12.00 per 1000; 500 at 1000 rate. Mount Honnes Consolida Nursery, Chas. H. Fowler, Fishkill Village, N. Y.

Smilax, extra strong plants (seed sown in January), from 2 1/2-in. pots, \$3.00 per 100. Cash with order, please. E. Leuly, West Hoboken, N. J.

Five Smilax, 3-in., \$2.50 per 100; \$20.00 per 1000; 500 at 1000 rate. Charles E. Meehan, San Antonio and Musgrave Sts., Germantown, Pa.

Smilax—good strong plants, 2 1/2-in. pots at \$1.00 per 100; \$25.00 per 1000. H. L. Collins Florist, Bayshore, L. I., N. Y.

Smilax, 2 1/2-in. pots, strong and bushy, \$1.50 per 100; 1000 rate. W. G. Kraber, New Bedford, Mass.

Smilax, good strong plants, 2 1/2-in., \$2.50 per 100. Otto Hansen, 1056 No. 62nd Ave., Chicago.

Smilax, 2-in., strong, bushy, \$1.00 per 100; \$9.00 per 1000. Cash. R. Kilbourn, Clinton, N. Y.

Smilax, 3-in., \$1.00 per 100; \$10.00 per 1000. Cash. J. H. Cunningham, Delaware, Ohio.

Smilax, 2 1/2-in., \$1.00 per 100; 1000 or more. Cash. E. W. Byer, Chambersburg, Pa.

Smilax, 2-in., \$1.50 per 100; \$10.00 per 1000. Memphis Floral Co., Memphis, Tenn.

Smilax—1.50 per 100; \$12.50 per 1000. Edw. J. Taylor, Southport, Conn.

Smilax, 2 1/2-in., \$1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

Smilax, 2-in., \$1.25 per 100. Harry White, New Holland, Ind.

Smilax, 2-in., \$1.00 per 100. M. J. Coventry, Fort Scott, Kan.

For smilax, write Geo. A. Kuhl, Pekin, Ill.

VEGETABLE PLANTS.

Genuine transplanted celery plants, well-hardened, bushy stock, out of flats, greatly superior to plants pulled from where seed was sown. Giant Pascal, Boston Market and others, \$2.50 per 1000; \$15.00 per 10,000. Cash, please. Write for sample and prices on large lots. R. Kilbourn, Clinton, N. Y.

Celery plants. Dwarf Golden Heart and Perfection Heartwell, field-grown, strong, healthy plants; shipped back seven days after Jan. 1, 1901, shipped all over U. S. Cash with order. White Plume and Giant Pascal all sold. Ludwig Mustack, 350 Anthony Ave., So. Chicago, Ill.

Pot-grown celery plants, \$5.00 per 1000; field-grown plants, \$2.00 per 1000. Write for terms on large orders. J. T. Cherry, White Hall, Ill.

Cabbage and celery plants. For varieties and prices see display ad. In this issue. R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca major var., fine 2-in., just what you want to plant for next spring's sales. 50c per doz.; \$2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

VIOLETS.

VIOLETS. Marie Louise, specially grown for forcing, free from disease and spider. These are from odd frame; stock never forced and should turn out satisfactory if instructions are followed. Per 100, \$3.50; per 1000, \$20.00. Cash. W. H. Thomas, Convent Station, N. J., Morris Co.

Marie Louise violets, strong, healthy plants, from soil or out of 2 1/2-in. pots, \$3.50 per 100; \$30.00 per 1000. Also a few thousand well-rooted cuttings from sand at \$5.00 per 1000. Cash with order, please. C. F. Bahret, Violet Ave., Fongueknock, N. Y.

About 4000 or 5000 Marie Louise and 3000 French violets, ready for sale all nicely rooted; put in sand in April; clean and free from disease; \$15.00 per 1000. Cash with order. Joseph Marie, Rhineck, N. Y.

Marie Louise violets, strong, healthy plants, \$4.00 per 100; \$25.00 per 1000. J. F. S. Banks, New Hamburg, Dutchess Co., N. Y. Please address orders to James Dutton, 200 N. J., Morris Co.

500 Imperial violet plants, 2 1/2-in., \$2.00 per 100; entire lot \$2.50 per 100. 1000 violets out of flats, \$15.00 per 1000. W. F. Kasting, 481 Washington St., Buffalo, N. Y.

Marie Louise, clean and healthy in every particular, from 3-in. pots, \$5.00 per 100; ready August 15. Cash with order. Wm. J. Chinick, Trenton, N. J.

Celery plants. Marie Louise, all potted, ready for the hot bed. Price, 50c per dozen, \$5.00 per 100. A. M. Hayes, Convent Station, N. J., Morris Co.

Viola Princess of Wales, 3-in., \$2.00. Marie Louise, 3-in., \$4.00 per 100. C. Hanson, Wholesale Florist, St. Paul, Minn.

Viola—Orders booked now for field-grown Imperial; this is choice stock. Crabb & Hunter, Grand Rapids, Mich.

Marie Louise violets, clean, healthy stock, \$2.50 per 100; \$20.00 per 1000. J. B. Rudy, Elmira, N. Y.

Viola, strong field-grown, \$4.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

MISCELLANEOUS.

Boston ferns, 4 and 5 in.; Asparagus Sprenger, strong 3 in.; Jerusalem cherry, strong 3 in. J. C. Murray, Florist, 403 Main St., Peoria, Ill.

TO EXCHANGE.

To Exchange—600 3-in. A. Sprenger, 500 2-in. smilax and 2000 strong Bride and Maid roses, 3-in., for field-grown carnations, standard varieties. Fine stock guaranteed; if interested, write us at once. Chessman & Schepman, Richmond, Ind.

Wanted—Nice, thrifty, young chrysanthemums, in exchange for Bride and Bridesmaid roses in 2½-inch pots. T. F. Van Der Meulen, Dunkirk, N. Y.

To Exchange—Roses and chrysanthemums for ferns. Mrs. J. W. Crouch, Chattanooga, Tenn.

WANTED.

Wanted—Immediately, MINIATURE CACTI from 1 inch to 1½ inches in height and diameter; any pretty, asymmetrically formed variety will answer. Send sample and price per 100 or 1000. Jos. Kift & Son, 1735 Chestnut St., Philadelphia.

WANTED—100 each; Passifloras, in three best varieties, 3-in., bushy plants. The McGregor Bros. Co., Springfield, Ohio.

Wanted. Young plants of Papa Gontier rose. Name sizes and prices. The Dingee & Conard Co., West Grove, Pa.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Ducker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. V. Serfont Mfg. Co., 241-27 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns always on hand, \$1.00 per 1000; discount on large orders. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Sq., Boston, Mass.

Dagger and Fancy ferns, 50c per 1000. Laurel festooning, 4, 5 and 6c per yard. Crowl Fern Co., Millington, Mass.

Hardy ferns, bouquet green, etc. L. B. Brague, Hinsdale, Mass.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothoe sprays, address the introducer.

Harlan P. Kelsey,
318 Tremont Bldg.,
Boston, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fluffy leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

Mastics, for glazing greenhouses, is superior to putty. Easier to apply and stays on. Send for circular. P. O. Pierce Co., 170 Fulton St., New York.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston. Good hose. J. G. & A. Esler, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Steubert Ship Co., Chicago.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y. Clipper Lawn Mower Co., Norristown, Pa.

MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10 bale lots, \$5.50. Send for sample bale. Z. K. Jewett & Co., Sparta, Wis.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we will save you money. W. H. Ernest, 23rd and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 261-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. The best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Columbia plant tubs. Invald Appliance Co., 159-160 Vedder St., Chicago.

Red pots. Landis & Foote, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., specialists in Horticultural Printing, Harrisburg, Pa.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Paion Co., Kingston, N. Y.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and is durable. Sample 10c, prepaid, for 10c. H. Thaden & Co., Atlanta, Ga.

Stemming wire, cut in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelcor carnation supports. H. F. Littlefield, Worcester, Mass.

Galvanized rose stakes and tying wire; low price and prompt shipments. Igoo Bros., 226 No. Ninth St., Brooklyn, N. Y.

WIRE WORK.

C. A. Kuehn, 1122 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 125 W. 23rd St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

CORRECTION.

In the adv. of H. F. Michell in last week's issue the price of the 5 to 7 Harris' should have been \$4.50 per 100 and \$40.00 per 1,000.

BETTER RESULTS.

I shall continue to patronize your columns by giving you a greater proportion of my advertising, as the REVIEW gives me better results.—JOSEPH HEACOCK, Wyncote, Pa.

COMPLETELY SOLD OUT.

Please discontinue my classified adv., as I am completely sold out of chrysanthemums, in fact could have sold three times what I had through your adv.—H. D. DARLINGTON, Flushing, N. Y.

A GOOD THING.

The classified ads. are a good thing. It is easy to find just what is wanted, and I think it is only a matter of a little time before people generally will realize this.—S. M. HARRISON, Danville, Ky.

FIVE TIMES AS MANY.

I spent \$2 in the classified columns of the REVIEW and as a result sold five times as many plants as I did through \$25 worth of advertising in another paper. This is experience that can't be gaisnaid.—G. P. MOORE, Ocean City, N. J.

A WIDE CIRCULATION.

Your paper appears to me to pay as well if not better than either of the others and to have a wide circulation.—JOHN H. LEY, Good Hope, D. C.

GOOD RETURNS.

We have been very well pleased with the advs. we have had in the REVIEW, as they have given us good returns.—ROBERT MANN, Lansing, Mich.

"JUST THE PAPER."

The REVIEW is just the paper that a common, working, every-day florist needs and appreciates.—W. H. CULP, Wichita, Kans.

THE BEST.

We consider the REVIEW the best advertising medium and the newest paper published for the trade.—GEO. M. KELLOGG, Pleasant Hill, Mo.

A VALUABLE ASSISTANT.

I find the REVIEW a valuable assistant and an excellent advertising medium.—JOHN NORDINE, Florist for JEWELL NURSERY Co., Lake City, Minn.

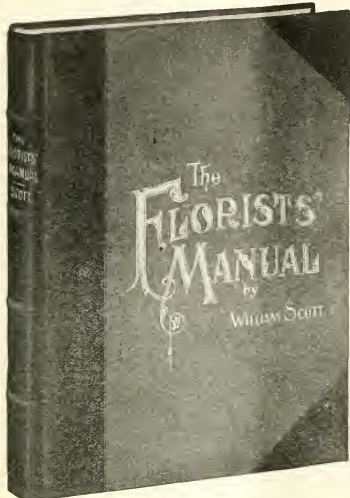
MORE REMUNERATIVE.

My advs. in THE REVIEW were more remunerative than those in any other paper. I am well satisfied.—T. L. MEAD, Oviedo, Fla.

THE BEST IN THE U. S.

You have the best paper in the United States to advertise in. I had to refuse lots of orders.—J. L. ELLIOTT, Bethlehem, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.



HERE IS A BUSINESS BOOK FOR BUSINESS MEN

NO SCIENCE BUT LOTS OF PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants and cut flowers in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

FLORISTS' PUBLISHING CO.

Caxton Building, CHICAGO.

The book treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

It is a book that you need in your business just as you need any other useful labor and money saving implement or device.

The price is \$5.00, carriage prepaid.

If you have not already obtained a copy of this book order one now.

If you cannot spare the full price at once, write us for our monthly payment offer.

The Florists' Manual

By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

Abutilon	Astilbe japonica	Croton	Grasses	Maurandya	Roses
Aceca	Azalea	Cycas	Greenhouse Eldg	Metrosideros	Salvia
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Acanthopanax	Bay Trees	Cytisus	Hardy Perennials	Mimulus	Scordum
Acer japonicum	Bedding Plants	Dahlia	Hardy Shrubs	Moon Flower	Seed Sowing
Achillea	Begonia	De crotions	Hedera	Mulching	Selaginella
Adiantum	Pellia	Decorative Pitts	Hedera (ivy)	Mus	Shading
Agave	Bottom Heat	Deutzia	Hedge Plants	Myosotis	Sakimma japona
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Agave	Bromeliads	Drainage	Hydrocote	Nierembergia	Solanum
Ageratum	Browallia	Easter Plants	Hydrangea	Oleander	Stephanotis
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Alocava	Caladium	Erantemon	Insecticides	Oxalis	Stocks
Aloxyia	Calamus	Eucharis	Jasmin um	Packing Flowers	Store Manage'mt
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Asparagus	Cotyledon	Glazing	Maranta	Rhododendron	Vinca
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Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO.....Caxton Building.....CHICAGO.

A. HERRMANN,

Manufacturer of

Floral Metal Designs

Importer of and Dealer in

Florists' Supplies

404-406-408-410-412 East 34th Street,

FACTORY, 709 First Avenue,

NEW YORK.

Do not fail to visit my
exhibition during your presence
at the Convention.

WRITE FOR
MY NEW CATALOGUE.

NEW YORK, AUGUST 1, 1901

A GUESSING CONTEST.

A prize of \$10.00 will be given by us to the person guessing the number of pins made by the bowler making the highest individual score in any one game during the bowling tournament to be held Saturday, Aug. 10, at 9:00 a. m., German American Hall, Buffalo.

Should more than one person guess correctly the above prize will be divided pro-rata among those so guessing.

This competition will be open to all members of the trade, employees and families, whether attending convention or not. Each person entitled to one guess only. Mail guesses to Edgar Sanders, care of City Convention Hall, Buffalo. Persons attending convention may deposit their guess in box for that purpose in convention hall. Guessing contest closes at 9 a. m., Saturday, Aug. 10.

Awards will be made by the following judges: Edgar Sanders, G. L. Grant, Michael Barker.

McKELLAR & WINTERSOX,
45-47-49 Wabash Ave.,
Chicago, Ill.

BOILER CAPACITY.

Will a 20-horse power boiler properly heat two houses 24x150, three-quarter span, sides 5½ feet? How many 2-inch pipe will it take? T. K.

I assume the houses referred to to be detached structures, with glass on roof, three feet of each vertical side, and one end, in which case the 20-horse power boiler will heat them easily, but would not have capacity to heat an additional one of same dimensions. The economical capacity of a 20-horse power boiler, with low pressure system run under usual greenhouse conditions, is about ten thousand square feet of glass exposure to maintain a night temperature of 55 to 60 degrees Fahrenheit.

HENRY W. GIBBONS.

JOHNSTOWN, PA.—William Schrader, formerly of Westmont, is now with Schrader & Schmidt, this city.

This is last call for advs. for our Convention Number, to be issued next week. Send copy quick or you will be too late.

..PALMS..

Special offer of **Latania Borbonica**

Notice the number
of leaves on
each plant.

	Per doz.	Per 100
5-inch pots, 5 to 7 leaves,	\$5.00	\$40.00
6-inch pots, 6 to 8 leaves,	8.50	70.00
7-inch pots, 7 to 9 leaves,	12.00	90.00

SPECIAL attention is drawn to the fact that these plants are grown stocky, are clean and of good color. **Perfect,**

PRICES OF KENTIAS AND ARECAS ON APPLICATION.

WALTER RETZER & Co.

2045-59 Clarendon Ave., CHICAGO.

PRIMULAS, PLANTS, Etc.

	Per 100
Chinese Primulas, mixed and white, 2½ in.	\$ 2.00
New Yellow Baby Primrose, 2½ in.	2.00
Smilax, 2½ in.	1.50
Asparagus Plumosus Nanus, 3 in.	5.00
Begonias, 3 varieties, 2½ in.	2.00
Alternanthera, fine pink, 2½ in.	1.50
Pansy Seed, Giant and Fancy, mixed, \$1.00 per oz.	

—CASH—

THE MORRIS FLORAL CO., Morris, Ill.

LAST CALL

FOR ADVS. IN OUR

..CONVENTION NUMBER..

to be issued Next Week.
Send order and copy quick or you will
be too late.

50,000 Geraniums! AT REDUCED PRICES.

If you are in need of any of the following stock get your orders in at once and we will furnish you with strictly first-class stock in any quantity for little money.

GERANIUMS. S. A. Nutt, best double crimson; Bruanti, semi-double scarlet; Grant, double scarlet. Strong plants from 2½ inch pots, \$1.25 per 100, \$12.00 per 1000. Frances Perkins, double pink; Besant Poitevine, semi-double salmon; E. G. Hill, single salmon; La Favorite, double white; J. M. Gaar, single white; Mme. Jaulin, semi-double, pink center, white tip; Mme. Bruant. Strong plants from 2½ inch pots, \$1.50 per 100, \$15.00 per 1000. All the above varieties in rooted cuttings, \$1.00 per 100, \$8.00 per 1000.

NOTICE. The above stock is guaranteed strictly first-class and worth twice the money.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

B. & A. SPECIALTIES... Azaleas, Palms, Ferns, Ficus, Bulbs, Shrubs, Vines, Bay Trees, Boxwood and Evergreens.

For Prices see our
Special Convention List.

BOBBINK & ATKINS, Rutherford, N. J.

THE CANADIAN HORTICULTURAL ASSOCIATION CONVENTION.

All indications point to the coming convention to be held in London, Ont., Monday, Aug. 5 and 6, being the largest that "has been." Railway fares are low and the Pan-American and S. A. F. convention can be taken in by many on the same trip.

Any florist with any pretensions of being "up-to-date," or with any desire to be so, will miss one of the opportunities of his life both of doing good to himself and to others by not attending. The best of us have a great deal to learn. It is only those who know this who know how little they do know. You can learn more practical knowledge by mixing with your fellow men and seeing things outside your own little world in two or three days than you can by reading or otherwise in a year, and this can be truly said without deprecating "reading or otherwise" in the least. Seize every opportunity of keeping "up-to-date." *It pays.* E.

It is estimated that not less than two thousand of London Old Boys will return to visit the Forest City on August 5, 6 and 7. The local committee guarantee single fare rate on certificate plan. All florists intending to attend the convention at London should avail themselves of this by applying to their ticket agent for a certificate when buying their ticket. "Remember it is the London Old Boys' Reunion," for which this certificate must be had.

J. GAMMAGE & SONS,
London, Ont., July 30.

DICTIONARY OF GARDENING.

The second, and last, volume of the supplement to Nicholson's Dictionary of Gardening has been issued and a copy has been sent us by the American representative of the publishers, Mr. Geo. T. King, Hyde Park, Mass.

This volume takes in G to Z and is about the same size as the first volume. A large proportion of the engravings are half tones from photographs, as in the first volume, and there are numerous engravings of this type of various moths and butterflies whose larvae is destructive to plants, which will make it possible to readily identify them. This is certainly an excellent feature.

The two volumes include an immense number of additions to the original work and bring this standard authority on plant names right up to date.

WEST GROVE, PA.—Roney Bros. have found it necessary to enlarge their place this year owing to rapidly increasing business.

IF YOU have not already sent an adv. for our Convention Number, to be issued next week, mail order and copy at once.

CHICAGO FLORISTS' CLUB Special Train to Buffalo!

...VIA THE...

WABASH

"Niagara Falls Short Line"

will leave Chicago from Dearborn Station, Monday, August 5th, at 4 p. m., arriving at Buffalo at 7:30 a. m. Tuesday, the opening day of the Convention. Fare, \$13.00 for the round trip. Sleeping Car fare, \$3.00 per double berth in each direction. For berths on the Special Train address any one of the

Transportation Committee: } G. L. GRANT, 334 Dearborn St.
P. J. HAUSWIRTH, 223 Michigan Ave.
E. F. WINTERSON, 45 Wabash Ave.

**CITY TICKET OFFICE,
97 ADAMS STREET.**

C. S. CRANE, G. P. & T. A.,
ST. LOUIS, MO.

F. A. PALMER, A. G. P. A.
CHICAGO, ILL.

PANSY SEED GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package 20c; ¼ oz. \$1.00; 1 oz. \$4.00, free by mail.

Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you.

Seedsmen's orders not accepted. (CASH.)

A. Mitting, Loomis, Cal.

Mention The Review when you write.

PANSY Plants.

Fine strain of large blooming Pansies. small plants, 50c per 100, by mail; \$4.00 per 1000, by express. Cash with order please.

Charles S. Dutton, Wholesale Grower of
HARDY HERBACEOUS
PERENNIALS,
85 W. 12th St., HOLLAND, MICH.
Mention The Review when you write.

HARDY .. HERBACEOUS.. PLANTS.

— REASONABLE —

**EDWARD B. JACKSON
STAMFORD, CONN.**

Mention The Review when you write.

Violets.

orders booked now for field-grown "importa".

This is choice stock.

2 1/2-inch pot plants at usual rates; all varieties.

"Irene." Field-grown Plants.

Ready August 20th.

Write for Carnation price list.

CRAB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

Convention News

Our display will amply repay a **CAREFUL INSPECTION** as it will be found **"STRICTLY UP TO DATE,"** embracing the **NEWEST NOVELTIES** in the **SUPPLY LINE**, that our Mr. M. Rice personally selected while abroad; also many of **our own creation.**

DO NOT FAIL TO ASK TO SEE OUR

"NEW SILK" WATER-PROOF PAPER

and be sure and get one of our CONVENTION SOUVENIRS.

M. RICE & CO.,

918 Filbert St., Philadelphia, Pa.

LEADING FLORISTS' SUPPLY HOUSE,

Chrysanthemums.

NEW AND OLD VARIETIES.

A large stock of young thrifty plants throughout August. Our selection—all good varieties—\$2.50 per 100. Those wishing special varieties please send for descriptive catalogue.

ROSES.

A few hundred good plants from 3 and 3½-inch pots left from our own planting. Write for varieties and prices.

CARNATIONS.

Field-grown plants for latter part of August and September delivery. Prices and varieties upon application.

H. WEBER & SONS, Oakland, Md.
Mention The Review when you write.

VEGETABLE PLANTS! PLANTS!

CABBAGE—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, \$75.00 per 100,000.

CELERY—Giant Pascal, Golden Heart, White Solid, golden Self Blanching and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000; Giant Pascal and Golden Heart, \$75.00 per 100,000.

If by mail add 10c per 100. Cash with order.
R. Vincent, Jr. & Son, White Marsh, Md.
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention THE REVIEW when you write.

Always mention the Florists' Review when writing advertisers.

ROSES==To Close.

- 125 American Beauties, 3-in. 5c each
- 400 Bridesmaids, 2½-in. 2c "
- 400 Perles, 2½-in. 2c "
- 400 Golden Gate, 2½-in. 2c "
- 350 Brides, 2½-in. 2c "

PHOENIX CANARIENSIS, Good Plants, 5 and 6-in. pots, \$3.00 per dozen.

WM. B. SANDS, LAKE ROLAND, BALTIMORE, MD.
Mention The Review when you write.

CROP 1901.

CHOICEST STRAINS.

- Pansy, Superb Show Mixture, trade pkt. 25c; ½ oz. 75c; oz. \$1.00.
- Pansy, 25 Finest Giant Varieties, trade pkt. 25c; ½ oz., 10c; oz., \$2.50.
- Cineraria, Giant erize Strain, Mixed, trade pkt. 75c.
- Cinerar a Polyantha (Crimata Hybrids) trade pkt. \$1.00.
- Calcicola Giant Prize, Superb Mixed, trade pkt. 50c; half pkt. 25c.

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PÆONY ROOTS

- Large Field Clumps \$25.00 per 100
 - Strong Divided Roots 10.00
 - Pink, White, Crimson, Red.
- CHICAGO PÆONY FARMS, - - JOLIET, ILL.
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Great Bargain! At 1c per stem, as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red. Orders filled in rotation received.

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For { Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.
Morrisville, Pa.

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CONVENTION NUMBER

TO BE ISSUED NEXT WEEK.

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- Mars, 2½-inch, big stock, \$3.00 per 100.
- Best Bedding Geraniums, 2½-in. . \$2.00 per 100, \$17.50 per 1000. Best Bedding Geraniums, Rooted Cuttings, \$1.50 per 100, \$12.50 per 1000.
- Violets, strong bed growth, \$4.00 per 100.
- #2 Terms cash or C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.
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3-16 oz., \$1.00; 1oz., \$4.00. Cash with order.

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Our stock of young Carnations is sold out. Place your order now for **FIELD PLANTS** for **FALL DELIVERY.** All the best varieties.
GEO. HANCOCK & SON, Grand Haven, Mich.
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DON'T MISS

HAVING A STRONG
SPECIAL ADV. IN THE

Convention Number

....OF THE....

Florists' Review

THIS YEAR.

IT WILL BE ISSUED NEXT WEEK

and will contain a report of the Buffalo Convention of the Society of American Florists, in addition to much other useful and interesting matter, very freely illustrated with fine engravings.

It will have a large circulation in the trade and will have extra advertising value but there will be no increase in rates.

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PUBLISHING
COMPANY, Caxton Building, CHICAGO.**

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Subject to time discounts
to those who have time con-
tracts with us.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
520-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, \$1.00 a year. To Europe, \$2.00.
Subscriptions accepted from those in the trade
only.

Advertising rates: Per inch \$1.00; 1/2 page, \$15;
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times, 10 per cent; 26 times, 30 per cent; 52 times,
50 per cent. Discounts allowed only on consecu-
tive insertions. Only strictly trade advertising
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Wednesday morning to insure insertion in the
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be better.

Entered at the Chicago post-office as mail mat-
ter of the second class.

This paper is a member of the Chicago Trade
Press Association.

The Florists' Review is absolutely inde-
pendent. No person or firm interested in any
way, directly or indirectly, in the sale of
plants, seeds or other trade supplies, is in
a position to dictate its policy; it is not
controlled by any person or persons other
than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed
advertisements. There is a host of others mak-
ing offers in our classified ads, and they will
be found there under their proper headings.

American Rose Co. 245-261	Kellger, Geo. M. 281
Amling, E. C. 240	Keunert Foundry & Machine Co. 275
Bahl, C. P. 246	Keunert Bros. Co. 245
Barnard, W. W. & Co. 245	Kroeschell Bros. Co. 275
Bassas & Washburn 200	Kuehn, C. A. 250
Beckert, W. C. 274	Kuhl, Geo. A. 272
Bentley & Co. 290	Lager & Hurrell 246-259
Berger, H. H. & Co. 236	Long & Burdham 276
Berning, H. G. 250	Long & Burdham 276
Bobbin & Atkins 270	Ludemann F. 291
Brashe, E. B. 246	McArthur & Winter son 259
Brant & Noe 271-272	Michell, H. J. 245
Brill, F. 272	Mitting, A. A. 278
Brooks & Barnett Engraving Co. 274	Moninger Co. J. C. & Co. 275
Buckley Plant Co. 268	Moon Co. W. H. 271
Budinger, J. A. 200	Morris & Co. 268
Burpee, W. Atlee & Co. 259	Pennock, S. S. 272
Chicago Façony Farms 271	Paten Co. F. O. 276
Cincinnati Cut Flow- er Co. 260	Pierce Co. F. O. 276
Classified Ads. 262	Pittsburg Cut Flow- er Co. 272
Collins, J. W. 272	Poehlmann Bros. Co. 272
Cottage Gardens 261	Pollock W. O. G. 290
Crab & Hunter 270	Quaker City Machine Works 276
Crowi Fern Co. 246	Randall, A. L. 246
Cunningham, Jos. H. 272	Rawlings, E. J. 246
Dietrich, A. & Co. 275	Reed & Keller 246
Hilton, J. L. 289-290	Reagan Pig. House. 275
Dorner, F. & Sons Co. 271	Reinberg, P. 290
Dreer, H. A. 269-275	Retzer, W. & Co. 268
Dutton, Chas. S. 270	Rice, M. & Co. 271
Ellis, F. M. 269	Robinson, H. M. & Co. 261
Enler, John G. Sec'y & Mgr. Co. 275	Rudolph, F. 246
Erniard, Geo. Marland 276	Saunders, W. B. 271
Gibbons Co. H. W. 274	Schmitz, F. W. O. 245
Gibbs & Underhill. 271	Seelig John A. 275
Hall, W. F. 261	Seibaur's Dip Co. 276
Hammond, Benj. 269-275	Smith, N. & Son. 246
Hancock, Geo. & Son. 271	Soltan, B. 270
Hascock, Jos. 246	Thorburn, J. M. & Co. 246
Heiss, J. B. 259	Vice & Hill Co. 269
Herman, A. 271	Vincent, Jr., R. & Son 271
Hill Co. E. G. 274	Wabash By Weber & Sons. 271
Hitchings & Co. 274	Wellington, Rich. 269
Hutchinson, 272-274-276	Whilldin Pottery Co. 274
Hunt, E. H. 269	Whitton S. 259
Jackson, P. B. 270	Winton Bros. 269
Jennings Bros. 274	Wilks Mfg. Co. 276
Kastler, W. F. 245-259	Whitcomb, G. Geo. 261
Kelcher Bros. 274	Witzkebel, D. 246

MUSCATINE, IA.—At the annual meet-
ing of the Muscatine Park and Floral
Association, J. M. Gobble was elected
president and C. F. Cadle secretary.

QUEENS, N. Y.—W. S. Phelps, Jr.,
formerly of Boston, has taken a position
as foreman of the carnation department
at the Cottage Gardens.

LOWVILLE, N. Y.—Chas. B. Scott, will
soon commence the erection of a green-
house.

Awarded the only first-
class certificate of merit
by the Society of Ameri-
can Florists, at Boston,
Mass., Aug. 21, 1890, for
Standard Flower Pots.



PHILADELPHIA

Mention The Review when you write

See That Ledge.

Pat. Sept. 18, 1900.

THE JENNINGS IMPROVED
IRON GUTTER.



...USE OUR...

Patent Iron Bench Fittings and Roof Supports,
Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.

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CIRCULARS.

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Before Buying any
Machinery
for your Houses
Examine the Merits
of the best Machine
in use.

Send for Catalogue of
Specialities.

Duplex
Iron
Gutters.



Never break in sagging.
Firm and strong.
Lasting qualities a lifetime.
No snow or ice.
Only 8 inches of shade.
No drip whatever from glass or gutter.

E. HIPPARD, - - Youngstown, Ohio.

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HENRY W. GIBBONS CO.

(INCORPORATED.)
Manufacturers of GULF CYPRESS GREENHOUSE MATERIAL.
Builders and Designers of IRON and WOOD GREENHOUSES.

STEAM and HOT WATER HEATING. Write us for Prices, Plans and Expert
Opinions. Advice if you are going to build.
Sales Office, 136 Liberty St., NEW YORK CITY. Manufacturing and General Office, BLOOMSBURG, PA.

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The easiest way for the man who buys
is the cheapest way to advertise. THE
REVIEW's classified ads.

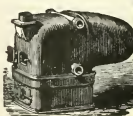
The book that saves money for you
like the Florists' Manual, by Wm. Scott,
is the book for you to have handy.

KELLER BROS.

213-15-17-19-21-23 Pearl St. NORRISTOWN, PA.
Manufacturers of STANDARD FLOWER POTS,
superior in color, equal to the best on the market;
are 16 miles from Philadelphia, best of railroad
connections. We give special attention to mail
orders and make special sizes to order in quan-
tities. A postal will bring prices and discounts.

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Engravings made

send us Photos or clippings from other cata-
logues and let us reproduce them. We make
the cuts for the Florists' Review
Brinkerhoff & Barnett Engraving Co.
300-306 Dearborn St., CHICAGO.

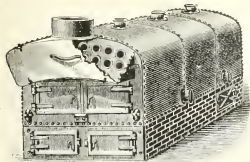


HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus
Mention THE REVIEW when you write.

Order Your Boiler Now

THESE BOILERS ARE MADE OF..... **S**TEEL PLATE....

Therefore will not cause trouble and expense on account of cracking of sections, repacking, etc., which happens so frequently with cast iron boilers.



IN case you need a **Greenhouse Boiler** send in your order now and avoid delay in delivery. Our Boilers are not "Stock Boilers;" each one is made "to order." Therefore it is decidedly to your advantage to order in good season.

KROESCHELL BROS. CO.

51 ERIE STREET.

...CHICAGO, ILL.

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CONVENTION NUMBER

TO BE ISSUED NEXT WEEK.

Send order and copy quick or you will be too late.



Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

A. DIETSCH & CO.,

515 to 621 Sheffield Ave., CHICAGO, ILL.

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YOU NEED IT.

SEND FOR CIRCULAR.

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JOLIET, ILL.

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THE REGAN ...PRINTING HOUSE...

Nursery.....
Seed.....
Florists'..... **Catalogues**

57-91 Plymouth Place, Chicago.

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EXPRESS WRITE FOR CATALOGUE

GREENHOUSE MATERIAL of EVERY DESCRIPTION

JOHN & MONINGER CO. 111 to 125 BLACKHAWK ST. CHICAGO. COR. HAWTHORNE AVE.

Mention The Review when you write

MASTICA

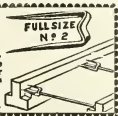
Not affected by extremes of weather. Endorsed by prominent florists. Sent for descriptive circular of **Mastica and Mastica Glazing Machines.** **F. O. PIERCE CO.,** Sole Manufacturers, 170 Fulton St., New York.

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Holds Glass Firmly

See the Point of The 3 in Keeper Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.

HENRY A. DREER, The Great Seal, Phila., Pa.



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Shaking Grates

For Greenhouse Boilers and Furnaces. Write us for catalogue and testimonials from the leading greenhouse men.

Kennett Foundry & Machine Works, Kennett Square, Pa.

Mention The Review when you write

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG, Publisher, Buffalo.

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CONVENTION NUMBER

TO BE ISSUED NEXT WEEK.

Send order and copy quick or you will be too late.

Twemlow's Old English Glazing Putty Semi-Liquid

Made only in America by **HAMMOND'S PAINT AND SLUG SHOT WORKS,** Fishki-l-on-Hudson, N. Y.

Nikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60c per box of 12 rolls. *All dealers sell it!*

Skabcura Dip Co.
St. Louis — Chicago.

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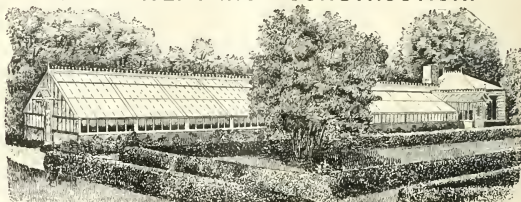
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STEAM AND HOT WATER HEATING ENGINEERS.

GREENHOUSES AND CONSERVATORIES

ERECTED COMPLETE WITH

OUR PATENT IRON CONSTRUCTION.



Plans and estimates on application either for structures complete or for material only ready for erection. Estimates for

We make special **GREENHOUSE PUTTY.**

CYPRESS GREENHOUSE MATERIAL.

LARGEST BUILDERS OF GREENHOUSE STRUCTURES.

Greenhouse Construction Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

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GENERAL OFFICE AND WORKS, Irvington-on-the-Hudson, N. Y.

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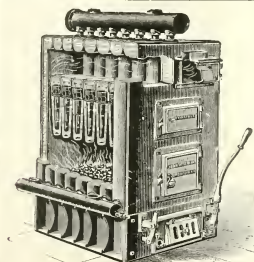
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Best made for GREENHOUSES.

**SELF-FEEDING
MAGAZINE.**
All Steel.
Simple, Strong,
Durable.
Send for Catalog, etc.

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"INVINCIBLE."

...THE...
SCOLLAY BOILER
FOR
GREENHOUSE HEATING, ETC.
Hot Water or Steam.

"FARMINGTON, CONN., March 9, 1896
The Invincible Boiler you placed in my earthen-
tation houses has given great satisfaction. I did
not have to run the boiler hard even when the
thermometer stood 18 deg below zero. It has
proved 'invincible in every respect.'
HUGH CHESNEY, Florist."

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Estimates Cheerfully Given.

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Tin Foil for Florists

Special Shades.
Special Designs.
Plain or Colored.

Write today for samples and prices.

THE PALEN COMPANY, Inc.
KINGSTON, N. Y.

Western Representatives: J. HOWARD JONES &
SONS, 34 Wabash Ave., Chicago, Ill.

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GARLAND'S IRON GUTTER

is giving
satisfaction.

Write for Catalogue
containing testimonials
of the leading growers.

Mention The Review when you write.

**GEO. M.
GARLAND,
DES PLAINES, ILL.**

Evans' Improved Challenge Ventilating Apparatus.

Write for
Illustrated
Catalogue.
Quaker City Machine Works,
RICHMOND, IND.

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LAST CALL for Advs. for our **CONVENTION NUMBER**
TO BE ISSUED NEXT WEEK.

High Grade BOILERS

Get our
Catalogue.

For GREENHOUSES.

STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

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HITCHINGS & CO.

233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING,
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

Mention The Review when you write.

THE WEEKLY
Florists' Review



Chicago,
August 8th,
1901.

Convention Number

Hitchings Boilers, Hitchings Greenhouses

EMBRACE LATEST IMPROVEMENTS IN CONSTRUCTION FOR ECONOMICAL MANAGEMENT.

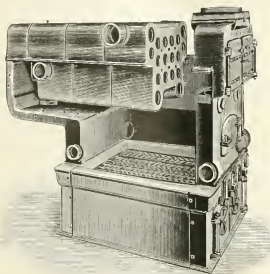
IRON, STEEL and CYPRESS STRUCTURAL MATERIAL

Patented Iron Self-Locking Sash Operating Apparatus.

Furnished, Ready for Erection.



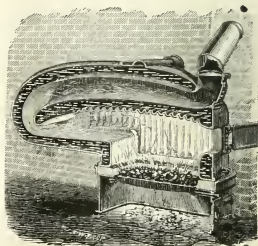
Iron Frame Carnation House, 306x51 feet, erected by Hitchings and Co. at Briar Cliff Farms, Sing Sing, N. Y.



Our New Sectional Tubular Boiler.

**7 Patterns,
34 Sizes
of Boilers for
Hot Water Heating**

**Heating Apparatus
Erected in
Greenhouses,
Conservatories
and other Buildings**



Our Celebrated Corrugated Fire Box Boiler.

HITCHINGS & CO., 233 Mercer Street,
NEW YORK CITY.

Send 5c for Illustrated Catalogue.

THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, AUGUST 8, 1901.

No. 193.

Lilium Harrisii

JUST arrived in fine condition, ready for delivery. Prices on all Bulbs, Tubers, Plants and Roots cheerfully given by sending your list of wants to

F. W. O. SCHMITZ, JERSEY CITY, N. J.



OUR SUPERIOR BRAND ENGLISH Mushroom Spawn

Just received in perfect condition.
25 lbs., \$1.75; 100 lbs., \$6.00; 1000 lbs., \$55.00.
250 lbs. and over at 1000 rate.

This Spawn is used by many of the largest growers of mushrooms. A book on mushroom culture will be sent free with every order.
A TESTIMONIAL: "Your Spawn gave perfect satisfaction, though in the hands of a beginner."

HENRY F. MICHELL,
1018 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

KENNICOTT BROS. Co.

WHOLESALE COMMISSION FLORISTS and Dealers in all kinds of

During July and August we discount all Chicago Wire Work Lists, 50 per cent off, providing order is \$10.00 net.

Florists' Supplies.

42 and 44 East Randolph St., CHICAGO, ILL.

WM. F. KASTING

WHOLESALE
COMMISSION
FLORIST....

ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs.

481 Washington St. BUFFALO, N. Y.

Open from 7:30 a. m. to 6:30 p. m. Give Us a Trial. We Can Please You.



READY NOW! CALLAS, all sizes. FREESIAS, Bermuda Grown, HARRISII.

SPECIAL Price List of FALL BULBS sent on request.

PANSY.

Barnard's Florist Mixture.

A high class, up-to-date mixture that fills the bill "par excellence"—made up from the leading colors, producing flowers of the most perfect type. It gives you PANSIES THAT SELL.

Trade pkt 25c; 1/2 oz. \$1; 1/4 oz. \$4; per oz. \$7
Giant Mixture, trade pkt. 25c; 1/2 oz. 50c; per oz. \$4

Primula,
Cineraria,
Calceolaria,

Trade Packet, 50c.

W. W. BARNARD & CO. 161 AND 163 KINZIE ST., CHICAGO.

PINK GOLDEN GATE

(See our half-page adv. in previous issue.)

AMERICAN ROSE CO., Washington, D. C.

is offered by several good growers and by ourselves at \$2.00 per 100. Try a hundred of their plants or ours so you will buy

White Golden Gate

IN APRIL, 1902.

THORBURN'S BULBS.

Our Wholesale Price List of Bulbs and Flower Seeds for Florists has been mailed to the trade. Anyone who has not received it should write for it now.

Quality
is our leading feature.

100 YEARS IN THE BUSINESS.

J. M. Thorburn & Co.
36 CORTLANDT STREET, NEW YORK.

Mention The Review when you write

LIL. HARRISII. Sound Clean Stock.		
5x7	.....	\$0.60 \$4.25 \$40.00
7x9	.....	1.50 10.00 90.00
9x11	.....	3.00 20.00
FREESIA extra refracta alba.		
3/4 to 5/8 in., 1st size	.....	.40 3.00
5/8 to 3/4 in., "Monster"	.....	.50 3.00
FRESH SEEDS.		
Asparagus Pl. Nanus (true sort)	.....	.65 6.00
Spengleri	.....	.35 2.00
Musa Ensis (true sort)	.....	1.00 7.00
Special prices on larger lots.		

Now Now! This is the time for FREESIA Cyanamem Giganteum Persicum. (900)
Giant Mount. Blue, pure white..... \$0.85 \$7.00
White with red eye..... .75 6.00
Bright blue..... .75 6.00
Atrorubrum, berry crimson..... .75 6.00
Best mixed..... .60 5.00

PANSIES The cream of French, Scotch and German prize flowers. We furnish in any separate named sort, in separate colors: white, blue, red, yellow, bronze, black, striped; in mixed Cassias, Bugard, Oeier, Triaridica, any 100 seeds, 25c, or 5000 seeds, \$1.00.

Prinula sinensis fimbriata seed in white, red, rose, blue, crimson: 100 seeds, 20c; 1000, \$1.00.
Cineraria maxima or nana: 500 seeds, 25c; 2000, \$1.
Calcitaria maxima or nana: 500 seeds, 25c; the finest shrankly sort: 10c, 25c.

Send for our New Illustrated Catalogue—contains many interesting novelties. Address

H. H. BERGER & CO.,
Est. 1878. 47 Barclay St., NEW YORK.
P. O. Box 1853.

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XXX PANSY SEED OF FINEST GIANTS.

The best of the mammoth flowering varieties, critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.

PANSY "BUFFALO." New Giant Fringed and Ruffled, grand: mixed, 600 seeds, 50c.

CINERARIA—Best dwarf; 1000 seeds, 50c.

PRIMULA OBC. GRAND. 1000 seeds, 50c.

CHINESE PRIMROSE. 500 seeds, \$1.00.

PRIMROSE PLANTS. Ready August 15.

Singles, named, \$2.50 per 100. Doubles, named, \$3.00 per 100.

A packet of the new ever-blooming Forget-me-not "Constance" added to every order.

JOHN F. RUPP, Shrewstown, Pa.
The Home of Primroses.

Mention The Review when you write.

ZIRNGIEBEL GIANT MARKET and FANCY PANSIES

(New Crop Seed READY NOW.)
Trade packages of these celebrated strains at \$1.00 each; also separate colors—blue, red, black, white and yellow.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.

Asparagus Roots

ESTABLISHED 1864.

We have to offer **100,000 PALMETTO, 400,000 CONOVER'S COLOSSAL ASPRAGUS ROOTS,** also **15,000 BARR'S MAMMOTH,** all strong, vigorous 2-year old roots, and are now prepared to receive orders for delivery in the Fall of 1901 and Spring of 1902.

ALSO CHOICE VARIETIES OF
Melon, Tomato, Cabbage, Cucumber, Sugar Corn, Egg Plant and Pepper Seed, Rhubarb Roots, Horse Radish Sets and Strawberry Plants.

WILLIAM R. BISHOP,
SEEDSMAN,

Send for Price List.

.....BURLINGTON, N. J.

L. B. BRAGUE, HINSDALE, MASS.

DEALER IN

Hardy Cut Ferns,

**BOUQUET GREEN,
CHRISTMAS TREES,
SPHAGNUM MOSS, Etc.**



Mention The Review when you write.

SPRING 1902.

We will offer after **THREE** years' trial the following **NEW GERANIUMS:**

J. D. EISEL,

Color: PURE VINE RED, Single.
A Zonal Geranium of most brilliant and new coloring, throwing immense trusses, perfectly sunproof, very free flowering, sure to become a standard variety.

JAMES DAVIDSON,

Color: TRUE LILAC, Single.
A Zonal of a color not to be found among Geraniums yet. The first approach to a BLUE Geranium. Planted against dark colored Carnas or evening after sunset the BLUE being pronounced. Trusses of immense size, on long rigid stems, sunproof and very floriferous. This we consider a most striking novelty.

TWO NEW MARS GERANIUMS:

"JUPITER," Purest Scarlet.

"VENUS," Pale Salmon.

We also have a large stock of Jean Vaud, America, Dr. Herine, E. E. Rexford, all worthy of your attention at **SPECIAL LOW PRICES.**

HENRY EICHHOLZ, Waynesboro, Pa.

Asparagus Sprengeri.

Our stock of this valuable florists' plant is in fine condition and ought to be shifted at once.

Strong plants from 2 1/2 inch pots, \$3.00 per 100.
Asparagus Plumosus Nanus.

No better plants for fall sales and green. From 2 1/2-in. pots, \$5.00 per 100; 3-in. pots, \$6.00 per 100.

NATHAN SMITH & SON, Andover, Mich.

JOSEPH HEACOCK,

GROWER OF

Fine Palms,

For Price List

SEE PAGE 215, JULY 18th.

DAGGER FERNS 50c or FANCY FERNS per 1000.

Green or Bronze Galax, 75c per 1000, in 5000 lots. Laurel Festooning, 4c, 5c and 6c per yard.

All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



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Arrived: A fine shipment of our celebrated **Catleya gigas,** also **C. Chrysozona aurea, Miltonia Veslaria, M. Koechli, Oncidium Kramerianum, Laelia Pafnili,** and many more. Write for prices.

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QUALITY TELLS--PRICE SELLS.

Geraniums, 2-in., \$1.50 per 100; 3-in., \$2.50 per 100

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Asparagus Sprengeri, seedlings, \$1.00

E. I. RAWLINGS, QUAKERTOWN, PA.

THE BUFFALO CONVENTION!

A Great Meeting and a Splendid Exhibition.

Next Meeting to be Held at Asheville, N. C.

OFFICERS FOR 1902:

President, JOHN BURTON, Philadelphia, Pa.

Vice-President, J. W. C. DEAKE, Asheville, N. C.

Secretary, WM. J. STEWART, Boston, Mass.

Treasurer, H. B. BEATTY, Oil City, Pa.

The Buffalo convention certainly broke all records for attendance and a most enthusiastic gathering of the leading florists of the United States filled the large convention hall to overflowing. It was a splendid gathering, marked for its intelligence and good nature. Vice President Kasting was all abeaming, when, as the local representative, he in a few happy words introduced Mayor Diehl of Buffalo, who said it afforded him the greatest pleasure to meet and offer the freedom of the city of Buffalo to a society whose acts were so beautiful and noble. He said that Buffalo people considered theirs the finest residential city in the world and he hoped that all would thoroughly enjoy their visit.

President O'Mara in response said the members of the society had fond recollections of their visit to Buffalo twelve years ago, and that the country at present felt the power and influence of Niagara and the beauty of Buffalo. As the S. A. F. O. H. was a society organized to develop the beautiful its members could appreciate what they had come to see and do. He called for three cheers for the mayor of Buffalo, to which a tremendous tiger was added.

William Scott in welcoming the society spoke in his usual forceful style and said the city of Buffalo had more asphalted streets than any other city in the world, and that in wind the city was surpassed only by Chicago.

President O'Mara on formally opening the convention paid a high tribute to the Buffalo Florists' Club. He said that New York city florists well knew from recent experience the amount of labor and thought that must be expended in preparing for a convention. He urged a good attendance at all the sessions and said that while the proceedings lived in the written page, it required the spirit of the members to emphasize the work. He then read his address as follows:

President O'Mara's Address.

To the Society of American Florists—Ladies and Gentlemen: Part of the duty imposed upon your president is to report to you in his address to the convention the results of his stewardship since as-

suming that honorable position. It is, by common consent, his right to recommend to your careful consideration such measures as, in his judgment, deserve your attention, so that you may take such action thereon as your prudence and wisdom may dictate. The opening year of the twentieth century finds horticulture in a flourishing condition in America. It finds, too, the S. A. F. established on a firmer basis than at any time in its history. The experimental stage has apparently been passed. The usefulness of this society to its members, and to horticulture in general, has been so thoroughly demonstrated that there is no longer any hesitation. We move confidently, our membership is more stable, and from every source we learn that it is individually and collectively more ardently imbued with the spirit of progress and harmony, that there is a settled determination to achieve, in their highest sense, the aims and ambitions of the society, to develop and advance American horticulture. The progress made at the New York convention last year has been continued, our life membership has noticeably increased, our financial condition is excellent, the receipts for the past year have exceeded any in the previous history of the society, and it is fitting that your president should congratulate you on the substantial progress made. In doing this, let me urge you to continue the good work energetically, let each member perform cheerfully and conscientiously the duties assigned to him, be they great or small. This being done, there is no limit to the sphere of usefulness of our beloved society.

Horticultural Progress.

It is proper, too, that your president should note the general prosperity of the craft during the past year. The prosperity of horticulture has been coincident with the general good business conditions of the country. Never before, perhaps, in a single year was such progress made in building country homes near our large cities, in developing large estates, thus creating a demand for the products of horticulture unprecedented in the annals of the country. It is the earnest

hope and wish of your president that this condition will continue, that our glorious country will keep on its God-appointed course, triumphing in the arts of peace, a cloud by day and a pillar of fire by night in the vanguard of the world's upward progress. It is, too, his earnest hope and wish that this society will keep step with every advance made, and that it will achieve its ambition to become the leading horticultural society in the world.

The National Charter.

At the last year's convention a motion was made and carried that the incoming president appoint a committee of five to continue and carry out the project of obtaining a national charter for this society. One of the first duties of your president was to appoint said committee, which was made larger upon the advice of the chairman appointed, viz. Mr. Wm. R. Smith. The efforts of that committee were successful, and, without detracting from the work of any member, it can be said that to the chairman, ably assisted by Mr. Durfee, we are to-day in the highly honorable and unique position of enjoying a charter granted by the Congress and signed by the President of the United States. The task undertaken eight years ago, and brought once to the threshold of successful completion, has at last been finished. All honor to the man through whose untiring and unselfish efforts we are enabled to-day in this first year of the new century, within the shadow of the great Exposition of Pan-American progress, to meet in name and in fame a bona fide national American Society of Horticulture.

Work of the Incorporators.

The incorporators met in Washington on May 14th last, to organize legally under the new charter and to formulate a constitution and by-laws to meet the exigencies presented by the new conditions. The question of closer co-operation between the S. A. F. and special societies, which are in a large sense the natural expansion of what has been aptly termed the parent society, received careful consideration, and the constitution which will be presented to you in due time was unanimously adopted. Our able and industrious secretary prepared and submitted a draft of these in advance to the incorporators. A committee of five appointed at the meeting of the Executive Committee in March also had the matter under consideration and passed favorably upon them, so that the constitution and by-laws to be presented may be fairly stated as embodying the views and judgment of a very representative body of this society. We were also assisted by the advice and counsel of members of the various special societies most interested; thus the matter will come before you endorsed favorably by those who have at the present time the responsibility of office upon them.

The Value of Co-operation.

The value to all of closer co-operation is generally conceded; the only differences of opinion are in the means to be adopted. Time may demonstrate that there is no more apparent need for a special flower society, having a separate and isolated existence, than there is for a special fruit, tree or vegetable society. I make bold to say that if the S. A. F. were not in existence, and the special flower societies were

in being as they are to-day, the paramount question before them would be how to effect an alliance for mutual benefit. That the means are at hand through the S. A. F. whereby this natural and desirable condition can be reached, should be deemed fortunate. It is not by the pulling down of any, but by the uplifting of all, that we can hope to place our beloved profession on its rightful plane, and maintain it in its proper orbit of usefulness to each other and the country at large. It is not too much to say that the shaping of the destiny of horticulture in this hemisphere is largely in our hands, that broad-minded, far-reaching policies will accomplish much in this day and generation that otherwise might seem impossible. This is an era of wide horizons. Reactionary movements are out of place with the spirit of American progress. Let us join in the grand procession and be not laggards in the general forward movement!

Work of the Executive Committees.

The appointees made on the Executive Committee in January, were Messrs. Alex. Wallace, of New York City; Emil Buettner, of Park Ridge, Ill., and Richard Witterstaetter, of Sedamsville, Ohio, in place of Messrs. John H. Taylor, W. W. Coles and E. H. Cushman. The gentlemen retiring performed their duties faithfully, and I would recommend that a precedent be set by tendering them a vote of thanks in this convention. It is an act of courtesy which should, in my opinion, be performed each year as the members

reported that, for lack of capital, the committee was unable to take advantage of market fluctuations. After some consideration it was voted that the committee be thanked for its services and discharged. Mr. Wm. R. Smith was added to the Committee on Permanent Home, and the committee continued. Now that we have a national charter, and the stipulation is made therein that the principal office of the society shall be in Washington, we hope that a permanent home can be provided there. The benefits accruing to the society from such an acquisition are but too obvious, and do not require elaboration here. Let us hope that we may be able to realize our fondest hopes in regard to it. The work is in the hands of an able committee and the last addition is a tower of strength. The Executive Committee accepted the proposition of the Buffalo Florists' Club regarding the holding of the trade exhibition, and appointed Mr. Chas. H. Keitseh as manager. The committee on award of medals through floricultural organizations recommended that one silver and one bronze medal be offered to each of the following organizations, to be awarded for new and meritorious plants or flowers of American origin exhibited at a regular public exhibition, said medals not to be awarded unless the plants and flowers exhibited are entirely worthy of such award, viz.: New York Florists' Club, American Carnation Society, American Rose Society, American Dahlia Society, New Jersey Floricultural Society, Pennsylvania Horticultural Society, Massachusetts Horticultural Society, Society

telegram was received from Mr. Wm. R. Smith, announcing the signing of the national charter by President McKinley. In recognition of Mr. Smith's valuable services to the society, a committee was then and there appointed to draft suitable resolutions of thanks, have them properly engrossed and framed and presented to him, which was done.

Development of Horticultural Industries.

It seems opportune here to refer to the principle upon which and through which the charter was granted, viz., the development and advancement of American horticulture. Along certain lines this society can do more in that direction than any or probably all the kindred societies in the country. There are limitless acres and plenty of willing hands ready to produce here almost everything which we now import in plants, bulbs and seeds if the proper impetus is given. Much has been done in that direction already, but much yet remains to be done, and the subject deserves your most careful consideration. In various parts of the country the bulb industry has been started, but it is yet in its infancy. Only recently a company has been incorporated for the production of bulbs which are now imported. Ex-President Wm. R. Smith forcibly alluded to this in his address at St. Louis, in 1893, and cited the fact that nearly two million dollars had been sent the previous year to foreign countries for plants, bulbs and seeds. A great portion of that sum can undoubtedly be retained here if proper steps are taken to develop the natural resources of our country. I would suggest that the proper authorities be approached by a committee from this society, with a view to sending some one abroad—to Europe, and possibly Japan and China, to study the production of what we import, obtain all essential details, and have the results of his inquiries published in regular form. I would further suggest that this society obtain samples of bulbs now being produced here, and distribute them among growers for trial; that the silver medals of the society be awarded to the producers of bulbs whose stocks give the best results and that the whole matter be reported in full to the society in convention assembled by the secretary of the S. A. F. Some practical step should be taken to develop this industry, and it should extend to plants and seeds as well. If these suggestions do not appear to fit the situation, I trust that from this convention will flow some that will.



Nymphaeas at the Pan-American Exposition. Exhibit of H. A. Dreer.

retire. The committee met in Buffalo, on March 5th last, and remained in session two days. During that time the Buffalo Florists' Club was unremittent in their attentions to the committee. The usual work of preparing a program was completed and the result is shown in the program of this convention. A legislative committee, consisting of Messrs. John N. May, Robert Craig, Benjamin Durfee, Wm. R. Smith and your president, was appointed, with special reference to securing favorable action on the domestic parcels post measure before Congress. This is certain to come up again, and it should be to the interests of this society to have such a bill become a law. Mr. Edmund M. Wood, on behalf of the Purchasing Committee,

of Indiana Florists, Chicago Horticultural Society, Newport Horticultural Society.

The official report of the details of said awards, with the name and description of the plant or flower to which said medals have been awarded, shall be furnished to the secretary of the S. A. F. for the purposes of record. This seems a move in the right direction. The S. A. F. should be and is above all else educational, and this award of medals should encourage exhibitions of new and meritorious plants of American origin; it should increase the prestige and broaden the influence of our society. The medals should become the recognized standard for excellence.

While the committee was in session a

The Educational Problem.

This work is educational in its best and most practical sense. Before quitting the subject allow me to make a plea for the young employe. Every florist's establishment should be educational for the employe in the greatest possible degree. The successful florist must have the keenest knowledge of nature's laws. He is a chemist, if you will, handling the subtle forces of soil, water and air to be transmitted through his agency into glorious flowers and redundant foliage, or through his neglect into distorted, sickly and abnormal growths. The employe has much to do with either result; hence his discriminating faculties must be sharpened by awakening his reasoning powers. Be patient with him, reason with him, encourage independent judgment, develop his reasoning faculties, place opportunities for studying the theories of the pro-



Nymphaeas at the Pan-American Exposition. Exhibit of H. A. Dreer.

profession at his disposal. Employees are not all born to be "heavers of wood and drawers of water" perpetually, and one lifted out of the ruck will recompense for many disappointments. A little altruism is a saving grace and we should cultivate it more. This policy is not entirely unselfish either, for there are few indeed who seek to educate others and fail in doing so to develop their own faculties. The facilities for developing a better grade of employes are immeasurably better than they were when this society was organized. Valuable books by members, practical books, have been written. The trade press is teeming with invaluable information; local clubs where discussions take place, where exhibitions are more numerous, are in all our principal cities. A competition for general excellence, or proficiency in specialties, with a book, a subscription to the trade papers, a year's membership in the S. A. F., or a local club, as a prize, should stimulate the ambitious and develop the industry of the best, while exposing the want of these in others. The reports of the experiment stations are within the reach of all, and now that they are devoting more attention to horticultural work, their reports should be obtained and placed in the hands of those who are hungering for them. This will broaden the influence of the stations and help them to achieve their mission.

College Versus Practical Training.

So much has been said in previous conventions of the need for an experimental garden, college or school wherein to train young men, that I make bold to press the foregoing on your attention. It is a vital subject, fraught with the gravest importance to us as individuals as well as in our collective capacity. An institution such as has been urged upon this society frequently by ex-presidents in their annual addresses, and advocated by members, is, I fear, beyond the power of this society to create or maintain. I have reasonable doubts of its utility if created. Let us use the means at hand to their greatest extent and we are likely to be astonished at the good results, if per-

severed in for any considerable time. I quote as appropos to the subject, from the address of Prof. F. W. Card, before the Section of Botany and Horticulture at the New Haven meeting of the Association of Agricultural Colleges and Experiment Stations, as follows:

"Horticultural education began when man first learned to grow garden products and told his neighbor how. The educational method thus introduced has been in vogue since, and has produced more good horticulturists than any other. It is still the school which trains the rank and file of the gardeners employed on private estates, and the majority of practical horticulturists in all lines. We who are engaged in schools of another type are wont to place a low estimate on this kind of education; yet if we are looking for a particularly skillful man in any line this is the place to find him. Rule of thumb methods may largely prevail, but deny it as we may, just this kind of training must ever form an important part of the education needed by professional horticulturists. The recognition of this general truth has led to the introduction and retention of manual training in many of our institutions. The mistake of this, if mistakes there be, is not in overestimating the importance of manual training, but in assuming that the college is the best place to get it. Unquestionably the college is the best place to get some kinds of manual training, but it may not be the best place to acquire the details of handicraft in agriculture and horticulture. In so far as it is the best place, we are right in emphasizing it; in so far as it is not, let us leave practice to the school best fitted to teach it, and principles to the one best fitted to teach them."

What better testimony do we require of the great value of the training you can give? Further on he said:

"Closely affiliated with this phase of education are horticultural societies. When man has done something creditable, he not only likes to show the product of his skill, but to tell his neighbor about it. If his neighbor has done something creditable, man wants to ask him how it was done. The horticultural societies afford an opportunity to relate experiences and to ask questions. It gives the specialist a chance to tell his methods and others a chance to learn them. It brings together men who are interested in the same things, a prime factor in making education effective. Horticultural societies have had a vast influence in developing the horticulture and the horticulturists of our country. Their work does not stop with the mere interchange of experiences, for they are the chief factors behind most exhibitions, and the information brought to the surface at their meetings is scattered far and wide in printed reports. The education of the societies is fragmentary and unsystematic, but it is intensely practical. It gets at the information wanted if it is to be had. This much college education does not do."

Let us, then, work along our own

line; "stick to our last" as it were, supplementing our practical experience with all that we can glean which is useful to us from the college reports and experiments. Let us not be chary of imparting the results of our experience to others.

Achievements of the S. A. F.

This society has accomplished much of practical benefit since it was organized. These benefits were not confined to its members, but were shared by all the craft. It is an oft-told story, and so I will only briefly allude to its salient points. The reduction of the postage rate on plants and seeds obtained while the society was in its infancy. This achievement alone is enough to earn the gratitude of every one interested in horticulture. The work of the Nomenclature Committee in correcting errors. The obtaining of a lower express rate on plants and bulbs, with its saving to the grower and planter. The work of the Legislative Committee in safeguarding the interests of the florists during the panic of insect legislation. The essays and discussions which were published. The adoption of standard flower pots. These benefits alone should induce every florist to become and remain a member of the S. A. F., and should set at rest forever the pessimistic inquiries we occasionally hear as to what we have accomplished. The Florists' Hall Association came into existence through and by the S. A. F. At the New York Convention in 1888, it had insured 811,951 square feet of glass. At that convention the total area of glass reported in the United States was 13,651,590 square feet. At the present time the association insures in round numbers, say 1,500,000 square feet, aggregating risks of nearly a million dollars. Since its organization over 500 losses have been paid, amounting to over \$45,000, and it holds a reserve fund of nearly \$9,000. This is part of the record of the S. A. F. A trade press has been established, which provides a medium whereby the florist can buy and sell at greater advantage than would be otherwise possible, not to speak of the invaluable information it gleans and disseminates. From out of the S. A. F., and encouraged by it, have sprung special flower societies with all their attendant benefits. The annual meetings of the S. A. F. furnish an opportunity to the members of comparing notes to their mutual advantage. The exhibitions display the latest and most improved appliances. The opportunity is given to buy and sell to meet old friends and make new ones. It is the forum from which issues the voice of our American floriculture in its best and broadest sense. It is a society to be proud of for its achievements, to be sanguine of for its opportunities. We meet clothed with the new dignity of a national charter; we assume new responsibilities; our "manifest destiny" is plainer before us than ever. Let us rise to the occasion, let us renew our fealty to the old-new society. Let us show that we are worthy of the honor conferred upon us. The vista of the new century opens before us, we enter it auspiciously; with our feet firmly planted on the solid foundation which has been laid, and our eyes fixed on the rising sun of promise; in serried ranks, shoulder to shoulder, let us march forth to new fields and more glorious achievements.

Secretary Stewart then read the following letter from Mr. W. R. Smith, who regretted his inability to be present:

Acknowledgment from Ex-President S. A. F., Wm. K. Smith.

To Mr. Patrick O'Mara, President S. A. F., and Mr. Wm. J. Stewart, Secretary S. A. F. Gentslemen: As the representative of the executive committee of the Society of American Florists, permit me to thank you, and thank you, then and the Society of American Florists and Ornamental Horticulturists, for the testimonial left in my library in my absence. Words fail to express my appreciation of its beauty and elegance. It is difficult to say whether it excels in phraseology or in artistic execution; both are excellent and give me unfeigned delight.

I regretted to leave so suddenly, without you and the incorporators that courtesy which my heart felt, for your careful deliberation on the great subject which has engrossed my attention for the last ten years. I am truly sorry that circumstances will prevent me from appearing in person, at the meeting in Buffalo, to thank you each and all individually.

The genial, kindly way the incorporators met and the earnest manner in which the discussions proceeded, augur well, in my opinion, for the great success of ornamental horticulture in the future. All seemed to realize the importance of union. The form of the union is a secondary matter compared with the thing itself, the reality.

In the afternoon of life it is pleasant to be thought well of by those with whom you have intimately associated for years in an effort to promote horticulture. Hence, my appreciation of the great compliment paid me by the testimonial can be better felt than expressed. Let me hope that the society may live long and prosper, and that my name may never be mentioned in connection with it.

"May never wicked men bamboozle it," but may it go on and on in the great work of elevating the national taste, till time itself shall be no more.

Thanking you for your kind testimonial, I am, very sincerely yours, W. M. R. SMITH, National Botanic Garden, Washington, D. C., July 22, 1901.

The Horticultural Society of New York sent an invitation to attend a conference on plant hybridization, to be held in New York in September. The matter was referred to the executive committee.

Congratulatory telegrams were read from the Pacific Coast Horticultural Society, San Francisco, and ex-President E. M. Wood, who regretted that through illness it was impossible for him to be present.

Mr. C. W. Ward, on behalf of the special committee on fertilizers said that owing to illness it was impossible for him to render a complete report. He was of the opinion that the time would soon be here when plant growers would use exclusively artificial fertilizers. What experiments he had made with them had been entirely satisfactory. He advised all interested to study Vorhan's work on fertilizers.

In his annual report Secretary Stewart said:

"A year of uninterrupted prosperity, marked by a largely augmented membership, a spirited convention, with a trade exhibition of unprecedented magnitude and a horticultural display of unusual excellence—a year of harmony and progress, that is, in brief, the record of our society for 1900.

"The crowning event of the year and of our history as a society is the acquisition of our national charter. This act of incorporation will have the effect of broadening our horizon and opens up before us a wide field for study and investigation, development of an American standard for American horticultural societies.

"With our widened sphere and extending influence our opportunity for useful activity is hindered only by lack of funds, which, with the now assured permanency of our organization, should be secured in some way."

Treasurer Beatty reported receipts for the year 1900 as \$3,000.45, which with balance on hand made a total of \$3,851, total disbursements for the year, \$2,094.08, leaving cash on hand December 31, 1900, \$1,756.02. For the period from December 31, 1900, to July 31, 1901, the total receipts were \$1,217.02; disbursements, \$950.39, and the total cash on hand July 31, 1901, was \$2,023.25.

The life membership fund has received \$425.17 since January 1 last, and now amounts to \$1,379.62. It gave him pleasure to announce that it had been the banner financial year of the society.

On reading of the report showing that the life membership fund amounted to \$954.45 on December 31, 1900, Mr. C. W. Ward donated \$45 to the fund, so it might be an even \$1,000. The announcement was received with much applause, and on motion a vote of thanks was passed to Mr. Ward.

The reports of the state vice presidents were ordered printed without being read.

The judges for the trade exhibition were announced as follows:

Class A, Plants—E. O. Orpet, Peter Murray, John Dingwall.

Class B, Cut Blooms—P. J. Hauswirth, Louis Duppy, Robert Flowerday.

Class C, Boilers and Heating Apparatus—William Bester, W. Wedge, F. R. Mathison.

Class D, Greenhouse Appliances and Flower Pots—G. M. Kellogg, W. B. Leach, J. F. Wilcox.

Class E, Florists' Supplies and Fancy Earthenware—T. J. Johnston, G. Bartholome, William Mann, John Sedon.

Class F, Bulbs and Seeds—Samuel Henshaw, W. S. Rennie, Warren Ewell.

Class G, Miscellaneous—E. O. Orpet, P. J. Hauswirth, G. M. Kellogg, T. J. Johnston, Samuel Henshaw.

The Carriage Ride.

At 2 p. m. on Tuesday about thirty vehicles of many styles, from the trolley and four horses to the ordinary coach, arrived at the convention hall and were soon loaded with the beauty and virtue of the convention. About four hundred ladies enjoyed the drive. The local management would very well liked to have had more of the husbands along, but the lack of conveyances forbade.

To explain the points of interest a small batch of veterans went along. They included: Mr. James Dean, M. H. Norton, J. D. Carmody, E. G. Hill, Bart Cartledge, J. A. Shaw, Edwin Lonsdale, Edgar Sanders, J. W. C. Deake, and others. The route was up Delaware avenue to North street, to the Front, overlooking the Niagara river and the Canadian frontier, then around the park meadow by The Zoo, returning through beautiful Forest Lawn Cemetery to Delaware avenue, and down its full length to the starting point. A stop was made at the park to stretch our limbs and moisten our throats. The smooth pavement and shady avenues of Buffalo's residence district were admired and enjoyed by all.

The Chrysanthemum Society.

The annual meeting of the Chrysanthemum Society of America was held in Convention Hall at 3 p. m. Tuesday. President Arthur Herrington presided and among those present were: E. G. Hill, E. Lonsdale, J. W. Withers, H. Papworth, W. N. Rudd, E. Smith.

The attendance was not what it might

or should have been; it appeared more or less like the old faithful guard protecting its pet. It is very difficult to understand why more interest is not taken in a society that has done so much to develop the chrysanthemum and protect the interest of growers. Secretary Lonsdale read the annual report, which stated that 27 new varieties had been placed before the society's committees and 17 of these were awarded certificates. The treasurer's report, while showing a good balance, also revealed the fact that the reduction of annual dues was of little or no benefit.

The secretary presented voluminous correspondence, which was amply discussed. Every possible means of extending the society was thoroughly considered. Mr. Withers thought that the issuing by the society of an annual record would be of considerable value. Mr. Papworth urged more attention and special awards for amateurs. Mr. Hill said there was a lack of energy somewhere. Mr. Rudd proposed and Mr. Lonsdale seconded the following resolution, which was passed:

That a committee of three be appointed to confer with the officers and executive committee of the S. A. F. O. H. with a view of consolidation; that the C. S. A. might become a section of the chartered society and that the committee report at the next meeting. Mr. Rudd was of opinion that affiliation would be the society's salvation. Messrs. Herrington, Lonsdale and Rudd were appointed the committee on conference. It was decided that the society's cup be offered at the New York Florists' Club's show next fall for the best ten blooms of any one variety of chrysanthemum. All the officers were re-elected to guide the society for the ensuing year.

Bowling.

On Wednesday afternoon a preliminary mitch game was played between two three-men teams from Chicago and St. Louis, the former city being represented by Messrs. Adams, Winterson and Foerster and the latter by Messrs. Benke, Ellison and Kuehn.

The St. Louisans won out with 150 pins to spare and each is now wearing a \$4 hat purchased with Chicago money.

At the annual meeting of the National Florists' Bowling League the officers were all re-elected as follows: William Scott, president; P. J. Hauswirth, secretary; J. F. Wilcox, treasurer.

The Trade Exhibition.

The trade exhibit was as complete and as interesting as ever and with an unusually large hall there was no overcrowding. The immense collection of gladiolus flowers shown by Arthur Cowee was especially interesting and educational. The awards were as follows:

CLASS A—PLANTS.

Henry A. Dreer, Philadelphia, decorative plants, certificate of merit for superior cultivation. Also for Cibotium Schiedei, a certificate of merit as a valuable decorative plant.

Chas. D. Ball, Holmesburg, Philadelphia, honorable mention for finely grown decorative plants.

Bobbinck & Atkins, Rutherford, N. J., honorable mention for decorative plants. Siebrecht & Son, New Rochelle, N. Y., honorable mention for collection of decorative plants.

Julius Roehrs, Carlton Hill, N. J., honorable mention for decorative plants.

Robt. Craig & Son, Philadelphia, honorable mention for decorative plants. Also for crotons showing superior cultivation.

Edwin Lonsdale, Wyndmoor, Pa., highly commended for well-grown crotons.

J. A. Peterson, Cincinnati, Ohio, honorable mention of finely grown and colored Pandanus Veitchii.

Lager & Hurrell, Summit, N. J., certificate of merit for collection of orchids.

CLASS B—CUT FLOWERS.

Arthur Cowee, Berlin, N. Y., certificate of merit for gladiolus hybrids of improved Lemoinei type, especially in form and color.

Michigan Seed Co., South Haven, Mich., honorable mention for pink gladiolus seedling Park Belle, of good form and with very strong stem.

Blue Hill Nursery Co., South Braintree, Mass., certificate of merit for a large collection of herbaceous perennials containing many varieties useful for florists.

Peter Bissett, Washington, D. C., certificate of merit for a collection of water lilies containing very fine seedlings of large size.

CLASS C—HEATING APPARATUS.

Lord & Burnham Co., Irvington-on-Hudson, N. Y., certificate of merit for boiler easy to clean, good draft, large combustion chamber, simplicity of construction and general adaptability for greenhouse heating.

Hitchings & Co., New York, highly commended for new round boiler, which seems to be very powerful and of simple and practical construction.

Herendeen Manufacturing Co., highly commended for the Furman new model.

able mention for iron Duplex gutter, indestructible hinge and galvanized gutter. Nathan Rice, Worcester, Mass., highly commended for pot-washing machine.

E. C. Brown & Co., Rochester, N. Y., highly commended for auto-sprayer, a good apparatus.

Detroit Flower Pot Mfg. Co., highly commended for flower pots.

W. H. Elverson Pottery Co., New Brighton, Pa., highly commended for flower pots.

CLASS E—FLORISTS' SUPPLIES.

M. Rice & Co., Philadelphia, special mention for large exhibit of supplies, baskets, wheat sheaves, designs, etc., and an improved adjustable pot cover.

P. C. Squires, Berlin, Md., well-berried holly.

D. B. Long, Buffalo, florists' design albums, labels, tags, etc.

J. A. Lynn, Chicago, fancy silver birch bark goods.

Cordley & Hayes, New York, indurated fibre vases and saucers.

Henry Millingar, Merchantsville, N. J., anti-rust wooden flower pot, patented July 24, 1901.

W. C. Krick, Brooklyn, N. Y., immortal emblems, tree holders and adjustable plant stands.

Samuel S. Pennock, Philadelphia, complete display of exquisite ribbons.

Schloss Bros., New York, florists' ribbons.



Bed of Single Petunias at the Pan-American Exposition. Exhibit of H. A. Dreer.



Bed of Verbenas at the Pan-American Exposition. Exhibit of H. A. Dreer.

CLASS D—GREENHOUSE CONSTRUCTION.

Quaker City Machine Works, Richmond, Ind., highly commended for the Evans Challenge Ventilator.

H. W. Gibbons Co., New York, highly commended for the new iron gutter with wood connection next to gutter at foot of sash bar.

John C. Moninger Co., Chicago, highly commended for cypress construction and new Garland gutter and Jennings greenhouse fittings.

Hitchings & Co., New York, highly commended for new feature of bolting hinge to gutter and ventilating pulrin.

E. Hippard, Youngstown, Ohio, honor-

able mention for iron Duplex gutter, indestructible hinge and galvanized gutter. Nathan Rice, Worcester, Mass., highly commended for pot-washing machine.

E. C. Brown & Co., Philadelphia, special mention for large exhibit of supplies, baskets, wheat sheaves, designs, etc., and an improved adjustable pot cover.

M. Rice & Co., Philadelphia, special mention for large exhibit of supplies, baskets, wheat sheaves, designs, etc., and an improved adjustable pot cover.

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H. A. Dreer, Philadelphia, brass perfect glazing points.

CLASS F—BULBS.

Clucas & Boddington Co., New York, a very fine display of Liliun Harrisii, cold storage Liliun longiflorum, paper white grandiflorum narcissus, French trumpet narcissus, cold storage valley, also Kentias Forsteriana and belmoreana.

J. C. Vaughan, Chicago, assortment of Liliun Harrisii of superior quality.

CLASS G—MISCELLANEOUS.

Storrs & Harrison Co., Painesville, Ohio, a collection of fine budded roses.

Walbridge & Co., Buffalo, highly commended for cast-iron reservoir lawn vases, the water supplied by feeding tubes and drawn up by capillary attraction.

Coldwell Lawn Mower Co., Newburg, N. Y., certificate of merit for mower with oscillating movement on the roller and revolving knives; can also be used as a sweeper. Also certificate of merit for a weed-cutting attachment.

Florists' Exchange, New York, nice collection of horticultural books.

Geo. T. King, Hyde Park, Mass., Dictionary of Gardening.

Baker Bros., Fort Worth, Tex., Rose-die hybrid juniper.

J. Austin Shaw, New York, Cyclopaedia of American Horticulture.

Wm. Dilger, Tufa incrustation for rockeries.

Ionia Pottery Co., honorable mention for pottery.

E. W. Cartler, West Springfield, Mass., honorable mention for soil sterilizer and sub-soil irrigator.

H. A. Dreer, Philadelphia, highly commended for glazing points.

the treat. A vote of thanks was unanimously accorded him.

There were refreshments galore provided for all present and the floor being cleared dancing was enjoyed till morning.

American Carnation Society.

The meeting of the above society was held on Wednesday afternoon, with President E. G. Hill presiding. The executive committee was empowered to purchase suitable vases for the society's annual shows.

In order to comply with conditions at Indianapolis the date of annual meeting and exhibition was changed to the 19th and 20th of February.

It was decided to offer the \$30 given to the society by J. W. Garrett of Baltimore for the best 50 blooms of a seedling carnation not yet in commerce. First prize to be \$30; second prize, \$20. The gold, silver and bronze medals

were taken to turn over to the chartered society all the property and rights belonging to the old organization.

The new constitution and by-laws were then presented and considered section by section. A few minor changes were made in other articles, but article five on Co-operative Societies, was rejected and a committee was appointed to draft a new article. The discussion developed the fact that there are many legal minds in the membership.

Asheville, N. C., Next Year.

Invitations for next year were received from the cities of Milwaukee, Wis., and Asheville, N. C., and a great deal of lucid oratory was exhausted by a representative of the Asheville Board of Trade. That it was effective was evidenced by the vote which to the amazement of all showed a majority of four in favor of Asheville.

The people who had given "complimen-

ANNUAL REPORT OF SECRETARY STEWART.

A year of uninterrupted prosperity, marked by a largely augmented membership; a spirited convention, with a trade exhibition of unprecedented magnitude and a horticultural display of unusual excellence; a year of harmony and progress—this is, in brief, the record of our society for 1900. We are to remember pleasantly of that great assembly last August, with its brilliant illustration of many of our best records, and the opportunities afforded for inspecting the most advanced examples of American horticultural industry. It was a record of the year, despite the ailments of the great city, the attendance at the meetings was unexpectedly full, the interest was unabated from start to finish, and the vital objects of our coming together were never lost sight of in the bewilderment of good things so lavishly provided for us by our brethren of the metropolis of America.

The annual report of proceedings, with full details of everything in connection with the event and much other matter of practical value, was issued, as usual, in the fall, and a copy transmitted to each member of the society, also to various libraries, societies, clubs and experiment stations making request therefor. It contains much that will be helpful to the cultivator and is valuable as an authentic record of the condition of American horticulture in the closing of the nineteenth century.

The list of plants recorded as introduced to commerce in this country during the year included four roses, five carnations, seven geraniums, 7 sweet peas, 27 carnations, 4 geraniums, 47 chrysanthemums and 150 miscellaneous plants. In compiling this annual list every information in his power, but would respectfully ask all members to notify him promptly when about to disseminate for the first time any plant of native or foreign origin.

The number of members of 1900 who failed to renew their membership for 1901 was sixty-three, including six resignations. The number of new members added during the year 1900 was 270, of whom four were life members. The additions were credited to the various states as follows: Alabama, Florida, Louisiana, Mexico, Virginia, West Virginia, Vermont, Washington, Canada, one each; Georgia, Iowa, Wisconsin, Maine, two each; Missouri, New Hampshire, Indiana, three each; Michigan, five; District of Columbia, seven; Ohio, eleven; Maryland, thirteen; Connecticut, fourteen; Illinois, fifteen; Rhode Island, seventeen; New Jersey, nineteen; Massachusetts, thirty-two; Pennsylvania, thirty-nine; New York, seventy-one.

It is gratifying to report that many of the state vice-presidents have shown commendable zeal during the present year in endeavoring to increase the membership from their respective districts. The number of members whose names appear on the roll book as in good standing on December 31, 1900, is 734, of whom thirty-three are life members. The number of life members has now increased to fifty.

There have been but four removals by death since the last meeting: McKee, died November 28, 1900; W. J. Palmer, died December 19, 1900; John Galvin, died February 24, 1901; A. O. Rothrock, died April 4, 1901.

The official list of new plants registered by the society has been increased by the addition of the following:

- August 17, 1900, Nephrolepis, Washingtonensis erecta and N. Washingtonensis pendula, by N. Studer.
- September 22, 1900, Cannas, Montana and West Grove, by Conard & Jones Co.
- October 22, 1900, Geranium, Florida E. Rexford and Dr. E. A. Hering, by Henry Eichholz.
- October 6, 1900, Rose, Flush of Dawn, by M. H. Walsh.
- October 6, 1900, Dahlias, Salmon Queen and Harlequin, by W. Adie Ewing.
- October 6, Cannas, West Virginia, by Gustav Obermeyer.

October 28, 1900, Cannas, Pennsylvania and Betsy Ross, by Conard & Jones.

October 27, 1900, Rose, Pan-American, by Peter Henderson & Co.

November 3, 1900, Cannas, Little Gem, by Peter Henderson & Co.

November 12, 1900, Rose, Freedom, by Arthur Griffin.

November 24, 1900, Nephrolepis, Piersoni, by F. E. Pierson Co.

December 15, 1900, Carnations, Norway and Egypt, by H. Weber & Sons.

December 15, Sweet Pea, Miss Florence E. Denzer, by A. C. Zvolanek.

January 12, 1901, Carnation, Beau Ideal, by Nathan D. Pierce.

February 9, 1901, Sweet Pea, Miss Helen M. Gould, by A. C. Zvolanek.

February 28, 1901, Rose, Four Hundred, by D. D. Ziegler.

June 8, 1901, Rose, Gainsborough, by Good & Reese Co.

July 1, 1901, Cattleya, Newport Hambley, by Richard Gardner.

July 27, 1901, Cattleya, Mossiae var. Evelyn Sloane, by A. J. Lovell.

July 30, 1901, Rose, Dorothy Perkins, by Jackson & Perkins Co.

August 1, 1901, Geranium, Mrs. G. Jackson, by Gustav Obermeyer.

It is hoped that a plan may be adopted at



Bed of Geranium "Pasteur" at the Pan-American Exposition. Exhibit of C. W. Ward.

will be offered in three prizes for the best 100 blooms at the show.

It was decided to keep the public out of the exhibition hall until 6 p. m. on the first day in order to give florists a better chance to examine the flowers.

It was recommended that the exhibition tables be no higher than 2 feet 4 inches.

The following gentlemen will be asked to prepare papers on the subjects here mentioned: Mr. Giergerich, of the Michigan Experimental Station, on "Electricity Applied to Carnations"; Mr. Pierson, of Cromwell, Conn., on "Sterilization of Soil"; Mr. C. W. Ward, on "Sub-irrigation and Artificial Fertilizer"; E. G. Gillett, on "Growers' Methods from a Commission Man's Standpoint."

It was unanimously considered that the meeting at Indianapolis would be the best in the history of the society.

Hail Association.

The Hail Association accepted the reports that appear elsewhere in this issue and re-elected all the old officers.

The Charter.

At the Wednesday morning session the charter was read and on motion of Mr. Beatty same was accepted by a unanimous vote. Then the necessary steps

tary" votes for Asheville were probably more sadly jarred than the others and the feeling of dismay was general; every one seemed to feel that, though Asheville would undoubtedly be a pleasant place to hold the convention, and that the welcome of the one florist of that city would be hearty, the convention would be a failure in attendance, business and financial results if held in the southern city. After the morning session adjourned there was much talk of having a reconsideration of the ballot at the next session but the meeting was not well attended and there was an unwillingness to take the initiative.

In the evening Prof. Taylor delivered his lecture on "Expositions as Educators," freely illustrated with stereopticon views.

Officers for 1902.

The only contest in the election of officers was for the presidency, the two nominees being John Burton, of Philadelphia, and W. F. Kasting, of Buffalo. But before a ballot was taken Mr. Kasting withdrew and on his motion Mr. Burton was elected by unanimous vote. J. W. C. Deake, Asheville, N. C., was elected vice-president. Secretary Stewart and Treasurer Beatty were selected by unanimous votes.

this meeting whereby all new plants of whatever species, may be registered under one bureau. The desirability of a uniform system in this important department must be evident to everybody.

The usual executive meeting was held in this city on March 5-7, all the members of the Board being present except two. The welcome news of the final passage and signing of the bill giving us a national charter was received with enthusiasm and to our friends whose long and arduous efforts had termi-

facilities for gathering the right material. It would seem that the time is now here when the issuing of a quarterly bulletin from the secretary's office might be carried out with great benefit to our members. But with our present income, this is out of the question.

The kind assistance and many courtesies extended at all times by the officers and members of the Society are deeply appreciated by your secretary, and contribute not a little to making the performance of the duties of his office an unalloyed pleasure.

our ranks during the past year; there are now on roll about 150. The treasurer's report recently showed that the club was in good financial condition.

The Society went out invitations to society ladies to become associate members, the object being to raise a fund for exhibition purposes. There has been a good response to same—about eighty-five—thereby insuring the possibility of a very successful exhibition, chrysanthemum and carnations, for which a prophesy success.

The meeting of the National Carnation Society, which was held under the auspices of the Gardeners' Club, as most of you gentlemen are aware, was, we believe, a success and the good it has done to the florists of this city and state is, possibly, beyond comprehension.

As to our part as hosts, modesty compels us to say nothing. We only hope that such of you as did visit us on the occasion may return again some day on a similar mission, and that we may have the pleasure of welcoming you to "Maryland, my Maryland."

Respectfully submitted,

RICHARD VINCENT, JR.

New York, East.

To the President and Members of the S. A. F. O. H.

It is a difficult task for a vice-president to be brief and yet make an accurate report for eastern New York. There are so many small cities in the territory, and each one has a different way of doing business, according to its trade, on account of being so busy that just across some small river trade might be at a standstill.

It is with pleasure, however, that I report that business on the average was very good; there is a feeling in all lines that we have passed a prosperous year. The outlook seems bright, and we anticipate a good season.

The Christmas trade was chiefly composed of plants, among good-selling kinds being Begonia Gloire de Lorraine and the Christmas Poppet.

Trade at Thanksgiving, Washington's Birthday and Decoration Day has been very satisfactory. In some respects, exceeding that of what are generally considered the leading holidays.

Easter trade throughout the state was good; in most cases 25 per cent better than last year. In Manhattan Borough some did well, sold all their stock at fair cut flower business; while in Brooklyn the majority of the retailers had most of their plants left, and it is hardly possible to say that the very unpropitious weather, last Easter would have been the best on record in Greater New York. In the plantmen's ranks, the cut flower prices were soaring high, then the drizzle came, followed by the flop, and what was to be gotten out of it was a very small one. Violets and tulips suffered most, more of these being left on hand than came in on certain days.

It is now a decided fact that the principal trade at the holidays is composed of plants. I remember past Eastern winter when the drug, but that time is past, and I do not believe that we will ever exceed the demand. I have never recently seen a plant that was on the market last winter, and they were sold at \$1 to \$3 per hundred.

During the present greenhouse construction has been 25 per cent better than during the same period last year; this has been mostly private work, with a decrease in commercial ranges. There is no likelihood of a diminution in the price of building material, except when all the glass factories start up again in the fall there may be a possible reduction in glass, but that is far distant, as the price of building material is now high.

Among the plantmen all bedding and summer flowering plants were in brisk demand, especially the chrysanthemum and geranium. The cut flower business has varied. The fall was poor, but since the 1st of January, and up to the present, it has been very satisfactory. One has heard of some growers who have been no great drugs for any length of time. The rose drug was passed over very nicely. One has heard of some growers who were always salable—other years at times they could not be moved at \$1 per thousand. The carnations, too, during their glut, were sold at fair figures.

The chrysanthemum, in my opinion, for the present has been a hard one to realize any fair price for them, and there are too many flowers on the market at the time they appear, and a great number of the New York market flowers that are ideal and realize just as good prices as they ever did. The dahlia crop was a heavy one, and an average the prices were about the same as in former years. Great quantities were disposed of this year, but the public is not so large. There must be long stemmed, large flowered and sweet scented varieties, and growers should always hold their own. I do not know of many new establishments going up this season, owing to the high cost of growing them.

Among the rose growers stock looks well; there are no heavy plantings in new varieties except in Maryland.

The carnation cutting business this season was larger than that of any previous year. Most of the early cuttings were sold in the field, the early plantings look all right, but the later ones are much smaller than



Bed of Geraniums at the Pan-American Exposition. Exhibit of H. A. Dreer.

ated so successfully, and a committee was appointed to prepare and send an appropriate acknowledgment to our honored ex-president, to whom, above all others, the credit is due. This committee attended to its duties, and the following testimonial, beautifully engrossed and framed, was in due time safely delivered at Washington:

To Wm. R. Smith.

Greeting: The Executive Committee of the S. A. F., assembled at Buffalo, N. Y., March 5, 1901, on being apprised of the fact that a National Charter for said Society had been duly granted by Congress and signed by the President of the United States, did then and there unanimously adopt the following resolution: Be it resolved,

"That in the name of the Society of American Florists and Ornamental Horticulturists which we here represent, we hereby express to our beloved ex-president and esteemed fellow member, Mr. William R. Smith, superintendent of the Botanic Garden, Washington, D. C., our grateful appreciation of his devoted and unselfish efforts on behalf of this Society, and tender our heartfelt congratulations upon the successful termination of his persevering endeavors to secure for us a National Charter. The realization, through his instrumentality, of this unique privilege, pregnant with the possibilities for great advancement of horticulture in America, places him among the benefactors of our profession, whose names are imperishable in horticultural annals.

(Signed) Patrick O'Mara, president; Wm. J. Stewart, secretary.

In illuminated panels at each of the upper corners appeared these quotations: "Loved at home, revered abroad." "Health and peace and sweet content for an appreciative world has been received from ex-President Smith, who, being now in Europe, is unable to be present."

The letter will be read in the regular order. Of the medals provided by the Executive Committee for award through the medium of sister societies, there has been awarded up to date, our silver medal by the Newport Horticultural Society for the new dwarf cannas Bobs. The crowning event of the year and of our history as a society is the acquisition of our National Charter. This act of incorporation will have the effect of broadening our horizon and opens up before us a wide field for study and investigation in the development of an American standard in meritorious horticulture and the encouragement of American horticultural industries. Horticulture is the best relaxation we can offer to himself, weary with the labors of the factory or burdened with the cares and perplexities of the counting room or the corporation office. With our widened sphere and extending influence, our opportunity for useful activity is hindered only by lack of funds which, with the now assured permanency of our organization, should be secured in some way. Given the requisite

REPORTS OF STATE VICE-PRESIDENTS.

Maryland.

To the President and Members of the S. A. F. O. H. in Convention Assembled.

Greeting:

Trade, generally for the past year has been good. Fair prices have been realized and more than the usual amount of material disposed of, especially at Easter, both the quantity and quality of flowers and plants being superior, showing that our gardeners and florists are fully awake to the needs and necessities of the times, and that if they want to get the money out of their products it is quality that will do it and not quantity.

Very little building is going on with the exception to the increased cost of material, especially glass. Some few have built, and several new establishments have started. Should cost of material decline and trade continue good, no doubt a large amount of building would be done, but at present prices it is practically impossible for a man of moderate means to build an establishment of any size for commercial purposes.

Being a member of the Gardeners' Club, and nine-tenths of the florists of the state being members of that club, my report necessarily covers the doings of said club. November 8, a dahlia show was held in the club room, free to the public, at which were exhibited a grand collection, the largest and finest being from R. Vincent, Jr., & Son. H. A. Dreer exhibited some nice water lilies; John Cook, fine Mrs. Garrett, and Baltimore roses; F. Bauer and H. Fisher, Maman Collet roses and dahlias. Halliday Bros. decorated the hall with beautiful palms, altogether making an attractive exhibit.

October 22, Mr. A. Herr, secretary American Carnation Society, was present and gave us an address. The club provided a smoker and entertainment in honor of our guest.

November 12, a chrysanthemum show was held in the club room, free to the public, at which were exhibited the finest chrysanthemums ever shown in Baltimore. There were also fine displays of roses, carnations, violets, orchids and palms. At least 4,000 persons visited the hall.

November 26, Prof. W. G. Johnson, state entomologist, was present and extended an invitation from the Executive Board to the club to affiliate with the Maryland State Horticultural Society. The club accepted the invitation, thereby becoming members, as a body, of that organization.

December 14, Prof. Townsend, of the State Horticultural Society, gave a stereoscopic lecture on plant life.

January 13, Mr. R. Vincent, Jr., gave a talk on his recent visit to brother florists of the North.

February 13, Mr. C. L. Seybold, superintendent of Patterson Park, read an essay on pruning. Quite a number of new members have joined

those of last year. This is owing to the extreme hot weather. The output from Long Island of carnation flowers ranges about 5,000,000 annually.

The auction salesrooms have been very largely patronized this year, and more stock has been disposed of than formerly and at better prices; the sales, too, have extended later in the year than usual, owing to the large quantities of the more costly flowering shrubs, geraniums, coleus, also box and bays sold well. The sales of conifers were also very satisfactory. The National Executive Committee of the Chrysanthemum Society of America met at its usual stated periods and awarded prizes to the following exhibitors: Mrs. W. B. Chamberlain, Brutus, Malcolm Lamond and Golden Fame.

The American Rose Society held its second annual show in March at the Waldorf-Astoria Hotel. The exhibition was a grand success, the roses and carnations being among the best products of American culture. The men who devoted their time and labor to the exhibition deserve a great deal of credit. One thing I do not approve is the charge of \$5 admission. Make the prices popular, so as to reach the masses. Our neighboring cities and towns have held their usual flower shows, returns in which have been very satisfactory.

The Horticultural Society of New York, in conjunction with the New York Botanical Garden, held a very successful exhibition in Brooklyn. At this show a prize of \$50 for "the best horticultural novelty" was awarded to H. Harrington, for an exhibit of Gerbera Jamesonii.

Among the new books issued during the past year to the public, and which may be mentioned the third volume of Bailey's Encyclopedia of Horticulture; Cabbage, Cauliflower and Vegetables, by H. A. Langjahr.

Obituary.—It is a matter for gratification that the hand of death has been laid less heavy on the shoulders of florists. In this section than in some former years; still, it is my painful duty to record the passing away of John A. Myer, a florist, and a man of a skilled and learned chemist, who by his labors and writings did much to advance the interests of agricultural science. An old and respected member of the craft has forever left us in the person of Peter J. Hillman, superintendent of Salem Field cemetery.

The New York Florists' Club has passed through a very pleasant winter, has had several exhibitions and a number of creditable essays on roses, carnations, etc., also a few illustrated lectures. One of the principal features have been working in the field. It is the Chrysanthemum show, to be held next fall at Madison Square Garden. All are presented, and very liberal premiums are offered. This show will be well worthy of the interest and interest in the Queen of Autumn and other seasonable specialties.

H. A. LANGJAHN,
Vice-President of New York, East.

Massachusetts, East.

To the President and Members of the S. A. F. O. H.

Again it is my privilege to report satisfaction in the blossoming of the carnations. In speaking, with a steady but noticeable increase in the demand for the choice product of the commercial florist, roses in particular. The supply was somewhat irregular the past winter, as everybody being in crop at one time, all went out together. It is claimed by some of the choicest growers that grafted stock is more of a cropper than plants on own roots. I agree with them, particularly as to two and the three-car-old plants.

In January and February Beauties were scarce, not only in this market, but in other large rose centers. The supply in this variety, not a good box of yellows all winter. Don Silens could be had in limited quantities, but fairly good. If friends of this variety will graft them and give them the attention as you do Beauties, I think they will have no cause for regret.

Beauties, Brides and Bridemaids were excellent the whole season. Liberty was a disappointment to some, as it poorly refused to grow from Christmas to April, under the most favorable conditions and surroundings. It has some friends in Massachusetts, who are anxious to grow from Christmas to April, under the most favorable conditions and surroundings. It has some friends in Massachusetts, who are anxious to grow from Christmas to April, under the most favorable conditions and surroundings. It has some friends in Massachusetts, who are anxious to grow from Christmas to April, under the most favorable conditions and surroundings.

Carnations the past year were in extra fine and had an important place in the floral market. Many novelties were to be seen, from time to time, but the Mrs. Thomas variety took the lead in the month of May, and was supreme in her class.

Wholesale houses report increase in all lines of flowers. Prices for the season are good; the Silens normal failure. The Boston Flower Growers' Co-operative Association report an increase in the aggregate sales. We soon need a larger building to accommodate the demands of the ever-increasing number of growers. Retailers report a fair business in the whole, as the season held out longer than usual.

Bedding plants sold out clean and some kinds ran out early in the season, notably scarlet geraniums; prices remunerative. First class plants and other standard decorative plants

were in demand in their season and wound up with the June weddings. Large plants of hydrangean were in demand from July 1 to date for lawn and terrace decoration. It is a grower's mistake to have them in bloom before August 1. Auction-room sales had their ups and downs; the aggregate was large. Returns fair, so I am informed. Greenhouse construction, as far as reported, has been \$5 houses, 18 conservatories, seven ranges of glass, from three to seven houses each. I cannot give a correct estimate of number of feet of glass, the buildings vary so much in length, but consider the area large with material and labor so high.

The most noticeable event of the year was the opening of the new Horticultural Building, a magnificent structure costing more than a half million of dollars. Details and full description have appeared from time to time in the American Florist and other trade journals.

The Gardeners' and Florists' Club of Boston, well revised by-laws and new officers, is now in working order, and in due season will take up some of the knotty and perplexing questions which ever stand face to face with the live and energetic florist, be he grower, middleman or storekeeper.

The Horticultural Club of Boston held its meetings by-law and new officers, is now in working order, and in due season will take up some of the knotty and perplexing questions which ever stand face to face with the live and energetic florist, be he grower, middleman or storekeeper.

The Massachusetts Horticultural Society has added many names to its long list of members the past year, and, with its new home and appointments, starts out anew with bright prospects and many things in its favor to do for the past year, and to exert its influence in a wider field of that grand and noble work it has been engaged in so many years with such signal success.

The Arnold Arboretum continues to receive and exchange plants, trees, seeds and cuttings from all quarters of the world. To this institution too much credit cannot be given.

Northern Ohio.

To the President and Members of the S. A. F. O. H.

I have the honor of submitting the following: From information gathered, business has been very good, and perhaps slightly better than the previous year. The demand for blooming plants for the holiday trade keeps increasing. The Decoration Day trade in cut flowers and blooming plants, as far as Cleveland is concerned, has been ahead of former years. There was a scarcity of everything, principally so on account of the very backward season. The trade in bedding plants was better than the previous year. Considerable remodeling and enlarging in greenhouses is going on in and around Cleveland.

The past season has been a hard one for field carnations, on account of the very severe rains during the months of May and June, the effects of which have caused a loss in the field of at least 50 per cent to most growers.

A grafting step forward has been the selection of a practical florist and greenhouse man to fill the office of superintendent of parks for the city of Cleveland.

I would recommend the establishing of a glass house plant by the society, as the prices of glass keep soaring skyward in consequence of the trust.

T. C. BAETZEL,
Vice-President for Northern Ohio.

Missouri.

To the President and Members of the S. A. F. O. H.

The past year has been one of the most profitable years for florists (growers and retailers alike). Prices for roses and carnations were above the average and sales reported better all along, with but few exceptions.

There is a growing tendency for blooming plants for both Christmas and Easter, with fairly good supply, plants being preferable to high priced flowers to most flower buyers.

Carnations are grown here quite extensively; there has been a very large increase in sales, mostly for carnations in roses our supply falls very short and most of them have to be shipped here from other states.

Fancy Caladiums at the Pan-American Exposition. Exhibited by H. A. Dreer,

For here can be found a collection, correctly named, of everything that is hardy on this continent, and many suitable for any place out-of-doors, no matter where. The evergreens, which suffered severely last winter, recruited beyond expectations with the favorable weather and plenty of rain in April and May.

Large quantities of shrubbery and herbaceous plants have been planted in the vicinity of Boston on the banks and slopes of the E. & A. R. R., where it was depressed to a way with the grade crossings, making a park entrance, as it were, into the city. It is well worth consideration, if not imitation, by any corporation entering a city or otherwise through an open or depressed railroad bed.

The Boston Department of Parks has done a great deal of planting the past year, this being a favorable spring for the work. Since they have about 12,000 acres under control. The new speedway was opened in May on the banks of the winding Charles river, from the cottage garden to the great park. The old Bay State is hard at work for the advancement of horticulture, floriculture, arboriculture and the cultivation of the beautiful.

The Metropolitan Park Commissioners have also added to their holdings during the year. They have about 12,000 acres under control. The new speedway was opened in May on the banks of the winding Charles river, from the cottage garden to the great park. The old Bay State is hard at work for the advancement of horticulture, floriculture, arboriculture and the cultivation of the beautiful.

P. R. MATHISON,
Vice-president for Massachusetts, East Boston, August 1, 1901.



During the laying out of the Louisiana Purchase Exposition grounds there will be an immense quantity of hardy roses, shrubs and various plants needed to be planted this and next year.

We hope to see all the florists here in 1903 to visit the great or greatest of expositions.

FRED C. WEBBER.

Rhode Island.

To the President and Members of the S. A. F. O. H.

Our small state, I am pleased to report, has had a very prosperous year. While the present quiet season is rather a long one, we have our fashionable Newport, where considerable business is done during the summer season, both by resident florists and others from New York City.

In cut flowers this state produces enough for our home trade and a considerable quantity to ship to other markets outside. Of the two popular flowers, American Beauty roses and violets, there is generally a shortage.

Business in the holidays was very satisfactory; plants in bloom and with berries and Nut selling well. Christmas flowering plants for Easter—azaleas taking the lead.

Easter trade the past season was somewhat curtailed by the wet weather, provided for and by heavy rains on Easter Saturday and Sunday, interfering with late buyers and the delivery of plants sold in the open air.

The trade were fairly well satisfied with the volume of business done under the circumstances.

The bedding plant trade the past spring was

about on an average, says they receive prices somewhat better.

The best and increased demand for hardy stock for outdoor planting.

Well grown Boston ferns and kentias find a ready market. They do not sell as well as formerly, but the poorly grown plants sold at department stores at low prices seemed to have killed the popularity of this plant.

About the only new carnation to be recorded and grown at this season on account of its sale at Baltimore, Md., from this state was the Beau Ideal, of the Daybreak order, by Mr. N. J. J. Jr., of New York, who secured a certificate of merit. Quite a number of other new varieties have been shown by other florists from recent seasons in this state, of which we expect to hear more later.

Very little building of a commercial nature has been done this season, on account of the high price of material, although there has been some, and quite a little building on private places.

Floral exhibitions are held regularly several times each season by the Rhode Island Horticultural Society, which are not very well attended by the public. I am sorry to say,

T. J. JOHNSON.

Iowa.

To the President and Members of the S. A. F.

I am pleased to submit the following report for the state of Iowa. The florists' conditions in general throughout the state have been excellent for the past year, and are now in a healthy condition.

The flower trade has been good; potted plants fair. Holiday trade in general has been excellent, especially that of Easter. Many growers report increase of 10 to 25 per cent in prices and business over that of last year.

A number of new houses have been erected at various points in the state, and many growers are holding back on account of the very high price of glass at this time.

The average rainfall for the past two months, with a temperature ranging as high as 115 degrees, accompanied by a burning sun, has made it extremely trying on all plant life. Field carnations have fared badly. These conditions have been favorable to red and white outdoor plants, and we have them by the teeming millions.

The past winter was comparatively mild, and decorative shrubbery of all kinds came through in good condition.

The State Fair contained a fair representation of florists' exhibits. Plans are under consideration which, if carried out, will add material to the landscape features of the State grounds.

The city of Des Moines has adopted plans for a new park, and has set a large example, and the use of this area for a city park.

The annual session of the State Horticultural Society was held in Des Moines, and of horticultural interests held within the past year, but florists are not represented as they should be in this regard.

In close with hearty congratulations for the securing of our national charter, the thirty-first anniversary of our society, and the commercial interests which it represents.

A. T. ERWIN,
State Vice-President for Iowa.

Nebraska.

To the President and Members of the S. A. F. As vice-president of your society for the state of Nebraska I take pleasure in submitting the following report.

Judging from the reports all over the state the past year has been one of the most successful business years for the past decade. Most of this has been that flowers command a more uniform price than ever before and all the florists have felt encouraged to buy and raise and make more liberal shipments. The weather, too, during the past year has been very favorable for outdoor cultivation, and rain falling during the winter months, and no hail to speak of that did any damage.

The Bermuda Harrisii lily has been another failure for Easter, as fully 40 to 60 per cent were diseased, whereas the Longiflorum (Jellevue) was not diseased at all. It is undoubtedly the most profitable lily a florist can cultivate. The annual Horticultural Show, held last year at Lincoln, was very creditable to the florists, and from many valuable papers both in cut flowers and plants. These shows held annually stimulate more and more a competition among growers, and a good-natured rivalry exists among them all as to who can make the most effective.

The Nebraska Florists' Society, which meets once a month in Omaha, has done good work this year. Several of our most valuable papers have been read by its members on the cultivation of plants and cut flowers. It is anxious to help to recruit and increase its membership is constantly on the increase.

During the early spring a Japanese concern had a store in Omaha, and for several days, and thousands of Oriental plant curiosities were disposed of without trouble at good prices. The moral of this is that the people are always looking for something new and rare. The florists should do well to prepare themselves with novelties.

J. J. HESS,
State Vice-President for Nebraska.

Maine.

To the President and Members of the S. A. F.

I beg leave to submit the following report of the condition of our trade in Maine for the past season. It has been a very successful year for our florists, the majority of whom have made a very gratifying profit. The sales of cut flowers within 25 per cent to 32 per cent advance on the previous year. The holiday and memorial trade was very satisfactory, and some florists generally ruled highly. Bolding plants and seedlings sold unusually well, many houses cleaning up their stock by the end of the season.

A number of florists have been enlarged their plants, and meeting the increasing demand of their business—while some depend quite largely upon the wholesale trade, others are growing a large quantity of cut flowers. Indeed, all have to patronize the wholesalers in times of emergency.

The spring season was rather late for outdoor planting, but the stock generally is looking well. Our short seasons make it necessary to get the plants into the field as early as may be to get the best results.

Two or three things are needed to advance the interests of the florist in our section. One is the growing of more and better flowers than at present. With present range of prices we cannot afford to pay our stock growers to advance our prices without a real advance in the size and quality of our home products. Another is the securing of a better market for our florists to one another, and a closer affiliation with the general society. In these times of depression we cannot afford to get away from one another. But very few Maine florists are members of this body. He who will not be a member of our society is handicapped to improve his methods must fall behind in the race. Another improvement would be a greater variety of prices and an effort to make to raise our prices in prosperous times to a standard of equality with the advance in all other lines of business. The florist who is cutting prices not only injures his neighbor but injures himself in the long run. Let co-operation and progress be our motto.

H. R. MITCHELL.

New Jersey.

To the President and Members of the S. A. F.

O. H. H. This year would appear to have been one of general progress in New Jersey, and the aggregate result of a successful season among the florists is very manifest. It is to those who are adding to their establishments. It is a difficult matter to get reliable figures for the past year, but I have a few florists who are one well qualified to speak, being engaged in that branch of the business, that there is no doubt but that we have had a better year than ever before, and more especially in the erection of private ranges of glass upon the manufacturing side, that has done more than any being built up in this state.

This growth and development of country houses with park gardens and greenhouses, more or less extensive, is a happy augury of a prosperous future for horticulture. It is something that our society should foster and assist in every possible way.

Here, in northern New Jersey, one of the most important residential sections of the eastern states, private estates predominate, and each year their name increases. It gives our society to note this fact, for the owners of these places are substantial patrons of horticulture, and it should be within the province of our work to do something for ornamental horticulture.

For example: The past winter, by reason of peculiar conditions long prevailing, was singularly disastrous in its effects upon vegetation. The plants were generally killed or immune, while others of generally accepted hardiness failed to withstand the ordeal. In such a season, the horticultural and florists' society render great service to horticulture in high places by collating and tabulating a series of reports, which, however, it is hard to get planting? Respectfully submitted,

A. HERRINGTON.

Western Pennsylvania.

To the Members of the S. A. F. O. H.

As vice-president of your society for the western Pennsylvania, I give you much pleasure to report trade conditions for the past year as good as the one previous, the cut flower trade having been a steady market throughout the year was steady, prices did not fluctuate as in other seasons. Christmas, however, was a heavy trade, and was a very noticeable increased demand for flowers of high grade, which sold at very high prices. Roses, geraniums and carnations grown around Pittsburgh and Allegheny were of good quality, but not in sufficient quantity to supply the demand. Lilium was a failure proved a failure with most growers; only a few had partial success. Christmas was a heavy trade was heavy; much stock was disposed of, but wholesale prices were too high, allowing very little profit to the retailer.

The plant trade in general was satisfactory, although the unfavorable conditions of the winter and the season hurt sales considerably, and much stock was unsold at the end of the season, which was a heavy trade cleaned out during the month of June, though at greatly reduced prices. Geraniums and cannas even were in greatest demand. Prices

ruled about the same as last year. Nursery trade was better than last season; there was quite a demand for hardy shrubs and herbaceous plants.

Construction of greenhouses during the past season has been very active, and a large quantity of material had some effect; it was also very difficult to even procure glass at double former prices. The weather was very favorable for the better class than formerly. F. Jurki has put up two houses, each about 40 feet in length, for growing roses, and some other plants in our vicinity, and far enough away from the smoke and dirt of the city about eighteen miles.

The monthly meetings of the Florists' Club during the year have been very well attended and the club has been very successful in adding new members were added, among them the gardeners to private places and amateurs. The meeting of the club was held at the club of cut flowers in the month of June, which was most successful. Hardy roses, paeonies and a great variety of outdoor blooms were exhibited, everything properly labeled. It was a fine exhibition, the club paying the entire expense. Some flower shows should materially benefit the trade and also prove instructive as well as educational, giving the public an idea of what can be done in the way of beautiful places. Respectfully submitted,

E. C. LUDWIG.

FLOWERING PLANTS AND THEIR TREATMENT FOR CHRISTMAS SALES.

BY WILLIAM P. CRAIG.

(Read before the S. A. F. Convention at Buffalo.)

Christmas is the oldest and the grandest of our festivals, which "grows mellow and sweeter with the passage of the centuries."

It is now universally observed in all Christian countries by the laying aside, as far as may be, of the dreary cares of everyday life, by the resting from toil, and the general feeling of gladness and better impulses of the human heart.

How the children dream of the good times coming at Christmas, and how the elders, laying aside selfishness, give themselves over to the giving of gifts and to the making of hearts glad.

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Prize-Winning Baskets at the Recent Exhibition at Newport, R. I.

blooms are soft and easily bruised. Mme. Van der Cruyssen is much finer, and a better keeper, but more difficult to bring into bloom at this early date. We have succeeded in forcing it into fine bloom in a night temperature of 65 degrees, with the pots plunged in a manure bed of the temperature of 50 degrees to 60 degrees. This method is also useful for forcing Duc von Tholl and other early tulips for Christmas. *Verveineana* is the finest pink one and forces easily, and *Deutsche Perle*, white, which can be had without difficulty, is also good. It is well to have a few white ones, but the demand is very limited.

CYCLAMEN.—A well-grown and well-bloomed cyclamen is a very saleable Christmas plant and brings a good price; in fact, Christmas is the only profitable time to have cyclamen; plants which readily bring \$12 to \$24 a dozen, wholesale, at Christmas, drop to half these prices the week after, with very limited demand. The best way to grow cyclamen is to sow the seed about the middle of September to middle of October, and grow on without any check until Christmas of the year following. We have found them to do well in soil composed principally of leaf mould and very old cow manure, with about one-fourth the entire bulk of light loam, and the addition of a liberal sprinkling of bone meal.

BEGONIA GLOIRE DE LORRAINE.—What a grand addition to the list of Christmas plants this dainty, elegant, glorious begonia is! My townsman, Edwin Louisaie, on his exhibit at our last fall show, said: "This is not a century plant, but it is the plant of the century." That sounds a bit enthusiastic, but is quite allowable when all the good points of the plant are considered. The first season it came here it was quite a provoking plant to the propagator, who expected to strike cuttings in the winter time and could get no suitable wood; it does nothing but bloom in winter, and it is May or June before the wood which makes good cuttings comes up from the base of the plant; then it roots freely and plants struck at this time may be grown into fine, bushy specimens in six or eight-inch pots by Christmas. Tops taken from these plants in August and September make fine plants in four-inch pots by Christmas; it should be only lightly shaded in summer, and given plenty of air, but does not like much water on the foliage. It makes a fine subject for dinner table decoration when grown in round or oval pans. Several plants in a pan may be used. Use ordinary rose soil with the addition of one-eighth leaf mould.

BOUGAINVILLEA SANDERII.—This is a fine, showy plant and can be had at Christmas if the wood be ripened somewhat in September, and then forced in a night temperature

of 65 degrees. The plant is of high decorative value.

BEGONIA INCARNATA GIGANTEA is a very showy plant of easy culture, and is in its best flowering condition at Christmas; it was, however, more valuable before the advent of *Begonia Gloire de Lorraine*, which is vastly superior.

PIMELTA CHINENSIS.—A fine strain of these should be popular, although Mr. Van K. Harris, of Philadelphia, who had developed, by years of selection from the finest European strains, the best commercial type of Chinese primula I have seen, was compelled to give up growing them about ten years ago, because he could get only 25 cents apiece for grand plants in 6-inch pots. I think that now, when the demand for Christmas plants is so much greater, it would pay some one to take up their careful culture again.

CERODENDRON BALFOURII.—This plant is very showy and beautiful and can be had in fine bloom at Christmas if given a good "drying-off" to ripen the wood in September, and afterwards forced in a night temperature of 65 degrees.

DAPHNE OROBO.—This is a plant which has almost dropped out of cultivation; it is deliciously fragrant, and I am sure that well-grown plants in 5 or 6-inch pots, in full bloom, would meet with a ready sale at good prices.

ERICAS.—Several of these are admirable for Christmas. *E. Wilmoreana* being one of the best; but as I have had little experience growing ericas, I must refer you to the essays by experts on this question.

LIBONIA PENINSULENSIS is a bright, cheerful plant when in bloom, and is as easily grown as a stevia. Should be struck from cuttings in early spring; planted in open ground; lifted carefully in September, shaded for a few days and then grown in a cool greenhouse.

GERANIUM.—Some of the finer semi-double varieties, such as *Jenn Viard*, *Alphonse Ricard* and similar sorts, if well grown in 6-inch pots would be saleable, and are among the best of our window plants.

In addition to the plants I have named, *Hives* (Charles X. and Mary Lefebvre are the best), *Hily of the valley*, *Roman hyacinths*, early tulips, etc., may be forced into bloom; these bulbs, when grown in 4-inch pots, are very useful in the baskets of foliage and flowering plants now so popular at the holidays. These baskets and plateaus of flowering plants in combination with bright foliage plants, such as *dracaenas*, *crotons*, *paladians*, etc., with ferns and other graceful forms, offer largest scope for the florist's skill, and the time may come when the name

of a floral artist will be coupled with this work in much the same way as we now speak of a masterpiece by Gainsborough or Titian.

The number of species of flowering plants suitable for Christmas, as at present grown, is quite limited. What a grand thing it would be if we could force at Christmas as great a variety as we can at Easter, and I believe that this is quite possible. I do not see why, with the aid of cold storage, all flowering shrubs usually grown at Easter can not be had at Christmas. What an addition, for instance, to the list of Christmas plants would be the now famous *Crimson Rambler roses*. And why could it not be lifted from the open ground in October or November and, after having made some roots, be allowed to stay outside until put to sleep by the cold weather and then carried over, entirely dormant, until the following year, when it could be started late in September or early in October, and brought into bloom by Christmas? And the same treatment would apply to *mydrangeas*, *geniastas*, etc., and to *Anna Alexieff*, *Magna Charta*, *Mrs. Jno. Laing* and other free-blooming roses. The hardy flowering shrubs, too, such as *duzinas*, *weigelias*, *forsythias*, flowering almond, etc., would be amenable to like treatment.

The Japanese cherry, also, which came into such favor last Easter, could be successfully treated in this way and would be very valuable. If done in a large way the proportionate cost would not be too great. I verily believe in the near future we shall see in operation such cold storage facilities as I have suggested, and it will not be without profit to the operator.

I will now close in the hope that some of the older and more experienced men in the audience will correct any mistakes I have made and name any good Christmas plants I have omitted.

FARGO, N. D.—Fred Heath, of Gardiner, has purchased twenty acres of land adjoining the city limits and will put in a system of hothouses for growing vegetables. There will be two houses, each 225 feet long.

WICHITA, KAN.—The seed men in Kansas are now having their inning. The farmers are buying some stores out.

MORRIS, ILL.—Fred Page is erecting a new greenhouse.

HORTICULTURE OF THE PAST CENTURY.

BY JOHN N. MAY.

[Read before the S. A. F. Convention at Buffalo.]

It may be safely said that in no branch of agriculture or business has so great a change been attained than in that of horticulture during the past century, more particularly so in the case of the florist, as we shall hereafter see. One of the pioneers of the florist business in New York, who died only a few years ago in the late Buchanan administration, told me that when he first started in business, which was, I believe, some time in the thirties, he would take his stock of plants, which he had to offer into the city each morning in a basket, and stand on the street corner near the present site of Trinity Church, which was at that time the fashionable part of the city; at the end of the days sales he thought five cents to a good day's business, and if by chance he happened to realize anything over a dollar, he felt extra happy with the result of something so little beyond his daily needs. The class of goods the market required in those days were a few rose geraniums, sweet alyssum, marigolds; purple and white flowers of small diameter were considered extra large fine flowers; these, with a few other varieties of flowers, now almost forgotten, constituted the whole list to draw from. Some few years before the venerable old man died, he remarked to me that the florist business had come back to the dates given above, was more of a novelty to him than a real fact, and he did not live to see it. In fact, the florist business in this country, in which probably greater advances were made than in any previous decade, not only in the variety of plants and flowers, but in the whole line of our business; the method made possible, the limitation of flowers to growers, the art in making them up for the masses, from the elaborate decorations to the cut bouquets.

I fancy some will be inclined to criticize this statement, and probably with good grounds to do so; but it is remembered that during this same decade funeral directors were made up with such mottoes as the following: "We are colored in the product of a gold fireman who had lost his life in trying to save those of his fellow beings his comrades thought they would show respect for, and respect he did so, they consulted a florist, ordering what they thought a nice piece suitable for the occasion," as it is the case with respect to the lettering should read, they left the matter with the florist, to use his own judgment as to what would be most suitable for the florist thought, I suppose, it would be appropriate to have it different from the stereotyped kind of such things, so instead this: "See you later."

On another occasion, a fireman having died, his wife consulted a florist for a wreath of similar instructions. This time the florist put in lettering to read, "Gone to his last rest," and the wife was so worsted by the result. The company to which this highly respected man belonged ordered a pillow of all choice flowers; and especially a wreath of flowers of immortelles, with the lettering as above in red. These and many similar absurdities, in the designs especially, are credited to the florist business, but they must not be taken as the type of the whole business, as the exception and the exception is so treated.

In another class of our business—that of lawn and park decorations—some monsters have occasionally been met in the shape of camels, crocodiles, elephants, elongated serpents and scorpions, bears, buffaloes, etc., or imitations of them, made up with great labor and expense, but which do not belong to the florist business, they undoubtedly they were made up in many cases to satisfy the whims of a few persons, and are creditably something sensational. Fortunately, the general public are becoming better educated to the value of the florist business, and the use to which nature's gems (plants and flowers) should be put; happily, these monstrous attractions are gradually disappearing, and their greatest advocates, and a more graceful and ornamental use is made of the plants, and the florist business is being appreciated by the public at large. Where, a few years ago, the style of flower gardens generally was, strictly formal, and almost exclusively confined to carpet bedding, a change has now come over the same, and many, very many are now taking a more natural form, and owing entirely to the beauty and charm of their gardens and pleasure grounds. This applies not only to the so-called bedding plants, but also to the trees, shrubs, etc., used in ornamenting lawns, parks, etc. Many of these were formerly trimmed and kept in all sorts of shapes and forms—contortions and deformities, they might be more aptly called, and this is gradually disappearing, and a more natural form allowed to develop. In many of the choices evergreens, a more natural form cannot be improved upon. What can be more charmingly beautiful than a fine specimen of a Norway spruce (*Picea excelsa*), or very many others, too numerous to mention.

With the closing of the last century no one can dispute the fact that horticulture in every branch has made vast strides throughout this century, and many plants that a few years ago were considered rare and very difficult to grow, so

much so that but comparatively few were tempted to try the cultivation of them. One instance will be sufficient to illustrate this to the child farmer, and to the child gardener; these were considered too expensive a luxury for any except the very wealthy to attempt to grow, and they were supposed to be difficult to grow and harder to get into bloom. Since that date they have steadily made their way into the hands of the cultivator, and are now a regular commercial product, and not in limited quantities either. The question will probably arise in the mind of the cultivator, how is it from an extreme rarity to an abundance? Simply because some of our more enterprising florists, and gardeners, have, in violation of nature's laws, reduced the method of cultivation to thoroughly practical basis, and instead of treating the plants in the usual course of Turkish bath-like treatment, they have treated them as a more or less natural course congenial to the plants. When one considers the natural habitat of, say, the *Cattleya Trianae*, a more or less tropical plant, from 15 to 50 feet high, subject to all the winds of the hemisphere, is it congenial to this plant to place it in a greenhouse, kept hot in July weather and in continual steaming vapor? I should think not; and the same law applies to all the greenhouses kept hot in July. Is this more thorough to our plants in general the better will be our success. In fact, it is largely a question of ventilation, and to simplify the cultivation of all plants and flowers for the nineteenth century.

It has been the object of the new century, I have been asked to tell you. This is something more of a prophet's problem to answer, but I can only say, that in the present list, such as I am; but if indications point to anything, we are, horticulturally, only infants now. We are giving plants, and flowers, and 100 feet high, covering a million plants each, and illuminated by electricity, in the very nature of Roses, and other plants, to market with stems 10 feet long and as big as ordinary walking sticks, with flowers on the stems, and the plants to be kept in the house as big as paeonia flowers, with stems five feet long that will not bend when shaken; violets, in large sizes as silver dollars, with 15-inch stems and warranted never to lose their fragrance. All these and every other kind of flowers will be produced in the proportion and sold to the dear retailers at—for roses, from two to three dollars per 100; for carnations, from one to two dollars, 10 cents per 100, etc., all down the list. Then the growers will think they are making fortunes for themselves, and the dear retailers will grumble a little more than they do now at the size and quality, so that the young generation of growers will have a happy time of it.

In the plant list you will see will be sold for the first time the cuttings from the other plants, not as they are offered today by so many advertisers at such handsome paying prices as \$4 per 100 for 2-inch Amaranth at \$2 per 100 for general list of tea roses, etc.; these prices are far too high to be maintained. All other plants will be offered at proportionate rates. This, in conjunction with a general list of plants, and a general list of the florist needs, such as glass, lumber, iron pipe, etc., will, of course, induce the florist to buy in advance of the needs, the trusts make still further combinations, so as to put prices still higher and enable you to buy in advance of the needs of the sport fancy automobiles, and the various paraphernalia which go with them. Then, I presume the florist will all be contented with such handsome remunerative prices, particularly as the express companies will take all the advantage of the improved times of the florist, and still advance their charges for transportation of the goods to market.

Some of you will probably say I am treating the subject of the new century too seriously; so, by the way of diversion, I hold out a steady hand, and you may as well sift the matter out and have a royal good time doing so.

Coal is said "there was millions in it" (some of the schemes he was advocating). Well, perhaps there is millions in the florist business, and a good row of them.

THE FUEL QUESTION IN GREENHOUSE HEATING.

By PROF. L. R. TAFT.

[Read before the S. A. F. Convention at Buffalo.]

Of the many problems with whose solution every florist is vexed, there is none, the labor question, perhaps, being alone excepted, that is of more importance than that of the fuel supply. Each one must decide for himself what particular kind, or mixture of kinds, will give the best results under the conditions that he can give them. Having determined this, he must then make such arrangements as will give the greatest possible amount of heat from them.

Fuel is profitable.

The word fuel is applied to any substance that is burned, and in the burning or combustion of any chemical substance takes place between one or more of the substances of which it is composed, and the oxygen of the air, at a rate as fast as it can be kept light. The elements in fuel that are most useful for purposes of combustion are called

carbon, hydrogen and oxygen. As oxygen is present in large quantities in the air, it is of no commercial importance, but it must be present in a certain amount in the fuel for the economical burning of any fuel in a furnace, careful attention must be paid to have the fuel contain the proper amount of the size of the chimney flues so proportioned as to supply the needed amount of oxygen. As the air contains 21 per cent of oxygen, more than one-fifth oxygen, the arrangement must be such as to admit nearly four and one-half pounds of air for each pound of oxygen needed.

To produce the complete combustion of carbon to carbon dioxide (CO₂), for one part of carbon two parts of oxygen are required, or, making the complete combustion, the weight for the combustion of one pound of carbon 2.86 pounds of oxygen will be necessary, and to supply this 15 pounds of air will be required.

If the combustion is incomplete, carbon monoxide will be formed, and for only one-half as much air, or six pounds for each pound of carbon, will be needed. As will be shown later, the combustion product when carbon monoxide is formed has less than one-third the heating power of combustion of carbon to carbon dioxide. Carbon is produced when the supply of air is deficient, and the other when it is ample, the importance of securing the complete combustion of carbon being rated at one, while carbon is 12, nitrogen 14 and oxygen 16. It really constitutes a very considerable portion of its volume in many fuels. In the combustion of hydrogen, two atoms unite with one of oxygen, producing water, but in the combustion of hydrogen, one pound of hydrogen joins itself to eight pounds of oxygen, producing nine pounds of water, and for this 35 pounds of air are required.

Thus for the complete combustion of the 1,200 pounds of carbon and 100 pounds of hydrogen in one ton of Pocahontas coal, 900 pounds of air are required, or nearly 12 pounds per pound of coal. As it takes 10 cubic feet of air to weigh one cubic foot, sufficient air must be provided for 286.071 cubic feet of air to pass through the grate while one ton of Pocahontas coal is undergoing combustion.

Air required for the combustion of one ton of Pocahontas coal: $1,700 \times 12 + 100 \times 35 = 23,900$ cu. ft. of air.

As it is not probable that every atom of carbon and hydrogen will come in contact with every atom of oxygen, sufficient oxygen is necessary in practice to double the above amount of air and furnish 24 pounds for each pound of carbon, and 35 pounds for each pound of hydrogen, or 590,242 cubic feet of air. If 12 pounds per hour per square foot of grate are burned, 100 square feet of grate will require 120,000 cubic feet of air, or 10,000 cubic feet will be required for each square foot of grate.

The heating volume, or, to use the correct scientific term, the heating value of a combustible substance is found by taking one pound and by burning it, ascertain how many degrees it will raise one pound of water one pound of water, the combustion taking place at the point of its greatest density, which is at 32 degrees Fahrenheit. The heating value in this country is what is commonly known as a British thermal unit, or, abbreviated, B. T. U. This is the heat required to raise the temperature of one pound of water one degree.

Having ascertained this for the various elements of which combustible bodies are composed, it is only necessary to know their analysis to be able to determine their calorific power.

The following is commonly accepted as the heating efficiency of the substances named: Hydrogen to water, 151,800 B. T. U. Carbon to carbon dioxide, 14,500 B. T. U. Carbon to carbon monoxide, 4,450 B. T. U. Carbon to carbon dioxide, 14,500 B. T. U. To show the method of determining the heating value of any combustible, let us suppose one pound of a certain coal to contain 80 per cent carbon, 5 per cent hydrogen and 2 per cent sulphur. Using the above value we have, $14,500 \times .80 + 151,800 \times .05 + 4,450 \times .02 = 12,320$.

It is to be noted that the combustion must be perfect and all the heat must be saved. In actual practice this is not possible, the loss being more than one-third.

Theoretical Value of Fuel.

The amount of heat that can be developed from one ton of coal is dependent upon the quality of the better grades of coal is sufficient to evaporate from 10 to 16 pounds of water from and at a temperature of 212 degrees Fahrenheit with clean boilers and skilful firing only about three-fourths of this can be secured. Not only trees, coal, but all the earthy matter, varying from 3 to 15, or even 20 per cent, which remains as ashes or clinkers, but also the air, which is used, a large amount falls through the grate bars.

Imperfect combustion also greatly reduces the amount of heat that can be obtained from fuel, as, owing to a small supply of air, the combustion is not complete, and the formation of carbon monoxide, instead of carbon dioxide.

In the case of anthracite coal, the best results will be secured when there is a thin fire and sufficient air admitted. The best fuel particle of carbon will be brought in contact with free oxygen.

It is known that about one-fourth of a heat unit (2575) is required to raise a pound of air one degree Fahrenheit or, if the openings through the grate admitted too much air, would require not far from 1,500 heat units to raise this extra air to the temperature of the chimney, supposing this to be 600 degrees.

It has been stated that the best produced by the combustion of one pound of coal, is sufficient to evaporate 15 pounds of water, and the question naturally arises, "What is the weight of a pound of coal which may contain 10 per cent of ash to furnish as much heat as a pound of pure carbon."

This apparent inconsistency is due to the fact that coal, and soft coal in particular, contains a considerable amount of hydrogen, combined with carbon, forming what is called hydrocarbon, which will burn after being brought into a gaseous form.

The combustion of hydrogen generates an enormous heat, 62,000 heat units being liberated by the burning of one pound of hydrogen. The combustion of hydrogen is of special importance that there should be no great surplus in the amount of air, as a serious loss of water vapor is caused. The excess of air are supplied for each pound of carbon burned, the gas will have a temperature of 1,000 degrees Fahrenheit. If the excess of carbon will not ignite, and on cooling the particles of carbon will form soot and smoke, which will first form in the lower part of boiler tubes and lessen their efficiency.

There is still further loss of heat by radiation from the convective surface of the ash-pit and all exposed portions of the boiler, and this should be guarded against by the use of thick water brick walls and other means.

The amount of air can be regulated in part by the ash-pit doors and by the depth of fire. The wood door should be closed, and the movement of the air will be checked and, becoming warmed, it will have a much less cooling effect than the cold air. In the cases of combustion and the fire surfaces of the boilers. There is also a large amount of heat lost from the chimney. If the chimney gases can be spoken of as lost, as it is necessary to produce a draught and thus secure the perfect combustion. The loss will be greater when the amount of air furnished is in excess of the amount required for the combustion. With 20 pounds of air, a maximum draught can be secured when the loss is but one-eighth, with 25 pounds of air, one-fourth of the heat will be lost, while with 48 pounds of air the loss will be lost, and the draught will be lost up the chimney will be one-half that given off by the coal.

Wood as Fuel.

The fuel first used, and the one that for a long time was the only one available, was soft wood charcoal, but for some years other materials have taken its place except in a few localities. In sections remote from coal fields and where wood is scarce, wood is even now used to a considerable extent in the production of steam for greenhouse heating and other purposes.

The average wood used as a fuel contains from 25 to 50 per cent of water, the larger proportion being found when freshly cut, and from 30 to 50 per cent of carbon. In the process of combustion the water is first evaporated, leaving a large amount of steam, a gaseous portion is then driven off and the oxidation of the carbon follows. Hickory, white oak, hickory, maple and chestnut are the most valuable woods for fuel purposes. The combustible value of white pine, elm and the more or less soft woods is about one-half to two-thirds that of hard maple.

Petroleum.

In some sections considerable attention has been paid to the use of crude oil as a fuel for greenhouses heating.

The best oil of specific gravity of 0.875, and costing 3 cents per gallon, or \$1.25 per barrel of 42 gallons it will cost 25 cents to evaporate 20 pounds of water. If the gravity is decreased to 0.775 and the price remains the same the expense for fuel to evaporate 1,000 pounds of water will be 24 cents per barrel.

With coal showing 10,000 B. T. U. worth 30¢ per ton it will cost 15 cents to evaporate 1,000 pounds of water, and to evaporate 9,000 B. T. U. and costs \$2.50 per ton the expense will be about 14 cents. As these figures show the oil of low gravity is about 10 per cent of coal, but considerable allowance should be made for the saving in labor in firing and removing ash from the boiler.

At the present price of crude oil, its cost as fuel is more than double that of good steam coal, as shown by the replies made to the writer from florists having about the same amount of glass, some using coal and others oil.

Natural Gas.

Natural gas also takes a high place as a fuel for steam making, as it is very effective,

clean, and requires but little care. While it is readily transported, its use of fuel is small, and in most of the gas-beds the pressure is lessening, indicating that the supply is not large. The calorific value of gas varies per pound from that of the best grades of coal (22,000 B. T. U.) to nearly double that value (25,000 B. T. U.) of a cubic foot of 1,000 cu. ft. various analyses show that the above amount of gas is equal to about 70 to 75 pounds of coal. Gas having a specific gravity less than that of natural gas has a calorific value in B. T. U. which can be approximated from 10 to 15 cents. As compared with coal the actual value of the gas is considerably increased by the saving in labor over coal.

The heating value of common illuminating gas is somewhat less than that of natural gas, ranging from 60,000 to 90,000 B. T. U., which gives it a value of 8 to 12 cents per 1,000 cu. ft.

Coal.

That the coal used as fuel is merely fossilized vegetation is shown by the fact that we find it in all forms from peat to anthracite coal, varying in proportion to the amount of distillation of the woody fiber has been carried. Aside from peat and lignite, which are not used as fuel, there are three which are well known as bituminous and anthracite coals. The former contains 20 per cent or more of volatile matter, the middle grades a strong bituminous odor with a heavy black smoke and a yellow flame. Some bituminous coals are soft, hard as lignite, while others are soft and fibrous, crumbling under rough handling. The forms that burn with a short flame contain 80 to 90 per cent of volatile matter and are called semi-bituminous, while the rich bituminous coals which burn with a very long flame, owing to the large amount of volatile matter found in them, contain but 65 to 75 per cent of carbon.

Speaking of bituminous coal, William Kent, chief mechanical assessor of the American Society of Mechanical Engineers, vol. 2, page 90: "If we draw a line from the Pocahontas field in the southern part of West Virginia, and West Virginia, through Maryland, a little west of Cumberland, and through Somerset, Kentucky and Clinchfield in Tennessee, it will pass through the coal field containing the best steam coals mined in the United States. The coals in this area, when in their chemical composition, the combustible portion varying only two or three per cent from the best grades of carbon, and containing little volatile matter. Their heating power is likewise remarkably uniform, averaging 15,700 British thermal units per pound of coal. The probable variation of not over two per cent from this figure. The ash and moisture of all the coals along this line is very low, the ash varying no doubt with the care used in preparing the coal for market. These coals are very properly classed as semi-bituminous."

"Traveling northwardly at right angles to and from any point on this line, the coal gradually increases in volatile matter and decreases in heating value. In the coals mined on the line, the volatile matter is only about 20 per cent of the total weight of the combustible matter. It is merely a matter of the composition of marsh gas, CH₄, having but little oxygen and every pound of it is worth nearly 15 pounds of carbon. Further to the northwest, however, while the proportion of the volatile matter increases it becomes of poorer quality being highest in oxygen. In some parts of Ohio the volatile matter is worth no more per pound than carbon, and in most of Ohio coal it is worth less.

Of the anthracite coals, the so-called semi-anthracite contains from 35 to 40 per cent of carbon, and an amount of volatile matter, while in the hard anthracites we find 90 to 94 per cent of carbon, 3 to 8 per cent of volatile matter, and 2 to 4 per cent of ash. Anthracite coals are black, with a bright luster, and are so hard that they stand transportation with little loss, owing to the small amount of carbon, they are, weight for weight, the most valuable of coals.

Coal extensively mined in 27 of the states and territories. Anthracite coal is found principally in eastern Pennsylvania, although it has been opened in Colorado and New Mexico. The states leading in the production of bituminous coal are Pennsylvania, Illinois and West Virginia. In the latter the cost of the coal at the mine is less than in the other states.

The semi-bituminous coals of West Virginia, Maryland and Pennsylvania, as stated by Mr. Kent, contain about 19 per cent of volatile matter and 70 per cent of carbon. The states named contain the following percentages of carbon, volatile matter and ash:

Chemical Analyses of Coal from Different States.	Carbon	Volatile matter	Ash
	per cent.	per cent.	per cent.
Bituminous Pennsylvania	85	35	.08
Ohio	82	32	.09
Kentucky	79	29	.09
Indiana	48	40	.10
Illinois	47	42	.09
Missouri	47	38	.09
Iowa	44	40	.10

The analyses also show a marked difference in the amounts of water contained in the coals of the various states; thus, for the Pennsylvania coals it averages 20 per cent, more than one-half as much as in Indiana coals it averages 4 per cent, in Illinois 6 per cent and in Iowa 8 per cent.

Variation in the Amount of Combustible Matter.

Professors Lord and Haas (Transactions of the American Institute of Mining Engineers, 1897), state that per pound of combustible matter, there are 100 lbs. of water. In all areas, have a substantially uniform heating value per pound of the combustible portion. Careful analyses of the coals of the same mine, and in actual boiler tests shows a considerable variation in the actual heating value of coals from the same mine, even from the same mine. The first difference is noted in the amount of ash. Thus, in the better grades of Lehigh and Lackawanna anthracite the percentage of ash is generally between 10 and 15, while in the pea, buckwheat and screenings it may amount to 15 or 20. In bituminous coal we find the range even greater. In Pocahontas, Cumberland and other semi-bituminous coals, the percentage of ash is 10 per cent of non-combustible material. Pittsburg and Ohio coals usually contain from 6 to 10 per cent of ash, and as high as 15 per cent of ash and slack.

The coals of the western states show a smaller percentage of carbon and a larger percentage of volatile matter than the bituminous coals of Pennsylvania, but the amount of volatile matter does not necessarily determine its calorific value, as, if the proportion of oxygen is large, the heating value of the hydrogen will be less. In the preparation of anthracite coal for the market it is screened into various sizes, known as steamboat (1 1/2 to 1 3/4 in.), large stove (2 to 2 1/2 in.), small stove (3/4 to 1 1/4 in.), and chestnut (3/4 to 1 in.). There is also a fine grade of 1/4 to 3/8 yard, and a very fine grade of 1/8 to 1/4 inch. The amount of fine coal graded according to its size as pea, No. 1 buckwheat, No. 2 buckwheat or rice, No. 3 buckwheat, and No. 4 buckwheat, and the latter being so fine that it will pass through perforations 3-32 of an inch in diameter. Aside from the slight increase in the percentage of slate and refuse found in these finer grades of coal, they contain the same amount of combustible material as the larger grades. The term "screenings" and "slack" are commonly applied to the finer grades of coal, while at the same time the term "fine" is given to the larger grades.

The burning of these fine coals presents various difficulties, one being that the particles pack together and form a crust, which is difficult to provide a sufficient amount of air to secure perfect combustion, without using a draught strong enough to draw the air up the chimney or unduly cool the gases of combustion. On the other hand, when the coal is so fine that it will pass through the grate bars, when fine coal, either anthracite or bituminous, is burned in a grate, the best results are secured by having a thin fire, one to two inches in depth, while in the case of pea, No. 1 buckwheat, it should be five or six inches deep. With too strong a draught, or too thin a fire, the gases are diluted and cooled, while if the draught is so weak or the fire too heavy for the draught, combustion will be incomplete, carbon monoxide will be formed, and less heat will result.

The requirements for the successful burning of these finer grades of coal, are: (1) the use of a grate having spaces of from 3/4 to 3/8 of an inch, according to the size of coal; (2) thin fires and frequent firing; (3) thin fires and frequent firing; (4) arrangements for feeding the fires and cleaning the grate; (5) a draught strong enough to draw the air up the chimney or unduly cool the gases of combustion. The best results are secured with a forced draught and a mechanical stoker.

Measurements of the Efficiency of Boilers.

In order that there may be some common basis for comparison, various measures of the efficiency of boilers have been devised. A horizontal boiler is usually taken as a standard, and Watt, judging from the performance of the engines of his day, estimated the amount of steam that it would require per hour as that developed from a cubic foot of water, or about 60 pounds, of steam, or the raising of 33,000 pounds continuously one foot per minute.

At the present time the efficiency of engines has increased, and the evaporation of 30 pounds of water at 100 degrees, or 7 1/2 pounds at 212 degrees, is considered as one horse power, is regarded as the standard of measurement of a commercial horse-power.

The standard measurement is based on the heating surface of the boiler, and on the efficiency of boiler surface. It is a simple matter to ascertain the number of feet of boiler surface required for each horse-power. The amount of water shown that about three pounds of water, from and at 212 degrees, can be evaporated from each foot of boiler sur-

face, and on the horizontal tubular boiler, 12 feet of heating surface in a horizontal tubular boiler, or 12 feet of heating surface for one horse-power.

The following table shows the relation of horse power and heating surface in different types of boilers (C. W. B. Jones, Peabody and Miller, New York, 1900).

Type of boiler.	Area of heating surface, sq. ft.	Vol. of water, cu. ft.	St. H. P.	Heating surface, sq. ft.
Vertical tubular	10 to 15	10 to 15	10 to 15	10 to 15
Horizontal tubular	10 to 15	10 to 15	10 to 15	10 to 15
Water Tube, with cylinder	10 to 15	10 to 15	10 to 15	10 to 15

Pounds of Coal Per Horse Power Per Pound of Steam.

In answering the questions submitted to me regarding (1) the amount of each kind of coal required to evaporate one pound of water, and (2) the amount of each kind of coal required to produce a horse-power per hour in heating plants of different sizes, I

three hundred and thirty-five pounds of coal, and on the horizontal tubular boiler, 12 feet of heating surface in a horizontal tubular boiler, or 12 feet of heating surface for one horse-power.

The following table shows the relation of horse power and heating surface in different types of boilers (C. W. B. Jones, Peabody and Miller, New York, 1900).

Coal used.	Per pound of coal, bustle.	Per pound of coal, bustle.
Pittsburg	8.52	9.16
Best W. Virginia coal (Pocahontas, New River, Loup Creek, Acme and Tackler)	9.51	10.46
Second class W. Virginia coal (Keystone, Winifrede, Eagle, Chesapeake and Mt. Vernon)	8.76	9.42
Ohio coal (Weiston, Mine Run)	8.05	8.23
Kentucky coal (Jellico, Mine Run)	9.15	9.40

From the above it would seem that Pocahontas coal from West Virginia, and the other semi-bituminous coals, have about 10 per cent more heating value than the Pittsburg coals, while the lower grade of West Virginia coals have practically the same value as the Pittsburg coals. The Ohio coals have about 7 per cent less value than Pittsburg and 15 per cent less than Pocahontas. The Jellico coals from Kentucky stand about midway between the Pittsburg and West Virginia coals of the better class.

Among the tests of Mr. Barrus was one in which Cumberland bituminous, Lackawanna broken, Nova Scotia culm, and a mixture of one part of N. S. culm with three parts of pea and dust were burned in the same boiler.

In estimating the value of the coal, Lehigh broken is taken at \$5.50.

From the above tables it will be seen that Cumberland coal averages very well with the best Lehigh broken and egg coal, and considerably higher than Lehigh run-of-heap or the Lackawanna coals, and that the mixtures of the fine anthracite coals with Cumberland bituminous coal average about the same as approaches within 30 per cent of that of the Cumberland coal. It is well known that the temperature of combustion of coals is much lower than when the coarser coals are burned; hence unless forced draught is used, a considerable increase is necessary in the size of the boiler and the grate area should be at least 25 per cent greater.

When fine coal is burned it should be thrown on the grate in thin layers and at intervals somewhat shorter than is necessary for coarse coal, and the sizer bar should be used quite frequently. This will not only considerably increase the labor of firing, but will make a regular fireman necessary.

Selection of Coal.

Whatever showing may be made in tests of the different kinds of coal, the result will have but little effect on many places in the selection of the coal that is to be used. This is true in the west especially as a considerable number of coal mines in the vicinity at a price that is less than the freight upon coal brought from Pennsylvania or West Virginia. Except in localities where they can be delivered by boat, these coals will have little sale west of the Mississippi, and the same is true in many sections in Ohio, Indiana, Illinois and Michigan.

Dr. R. H. Thurston (Engine and Boiler Tests, page 22), says: "Other things being equal, the fuel which gives the greatest quantity of available heat for the total money expenditure, by its complete combustion in such a manner as to give the highest possible temperature" is the best fuel.

In the case of the fuel is the one that contains of its kind the largest amount of available combustible material, but, from the standpoint of the boiler or other consumer, the cost should be taken into account and this will include, not only what is paid for the fuel, but the expense for handling, storing, and of firing the boilers, including the removal of the ashes.

Where low freight rates can be secured, Pocahontas and other first-class West Virginia coal is rated at about 9.5 pounds of steam from and at 212 degrees per pound of coal, or about 10 per cent better than Hooking Valley, Jackson Hill, Owsoso, Bay City, or other Ohio and Michigan brands which will not make a showing of more than 8 pounds of steam per pound of coal. The first named coals have two serious drawbacks, the first being that they crumble so readily that after being handled two or three times fully 50 per cent becomes slack. The other objection is that they burn slowly and require a much larger grate than the free-burning, rich bituminous coal.

In New England, New York and the Middle Atlantic states the question of freight must also be taken into consideration. While egg anthracite is a desirable grade of coal, small that a night fireman could be afforded, the choice will generally be between the Cumberland and Pittsburg coals, the former of which shows an average combustible value about 10 per cent greater than the other.

In sections near the mines, or where low freight rates can be secured, the finer grades of anthracite may be used as the basis of the fuel, but it is a desirable grade of coal, and fuel has already been pointed out. The trouble can be somewhat lessened by mixing with the screenings, or Cumberland coal to two or three parts of screenings. A large grate and a good draught are needed and, in this case, fair results can be obtained without using forced draught.

In plants on the largest scale, the saving can often be made in the coal bill when screenings can be cheaply obtained, if they are used as a part of the fuel. If they are burned with forced draught, either with or without a mechanical stoker. The use of the draught, and the new plant is to be erected, adds but little or nothing to the first cost, as its use will effect a saving of 10 to 25 per cent in the cost of fuel required, and an even greater saving in the cost of the chimney.

The mechanical stoker will not only lessen the loss of steam when the doors are opened, but will reduce the amount of coal that falls through the grate.

Coal for Greenhouse Ranges of Different Sizes.

As will be seen by the program, a request has been made that application be made to greenhouse requiring different amounts of coal, ranging from 200 to 500 lbs. per hour. In a general way, it can be said that where the larger amounts of coal are burned the greatest economy will be obtained as will be seen in the following table. There will be relatively less loss by radiation from the boiler; the amount of heat used in securing a



Portion of Herbaceous Border at the Pan-American Exposition. Exhibit of H. A. Dreer.

an fortunate in having at my disposal the results of many thousands of actual tests made with boilers of the same and different styles using various kinds and grades of coal. A considerable number of these tests were made by George H. Barrus, and published in his book, "Boiler Tests," while the others are the "Transactions of the American Society of Mechanical Engineers," and in various engineering magazines or works on boiler practice.

Before giving any of the results of these tests, I wish to be understood as believing that a single test of any fuel in a single kind of boiler is of but little value in determining the real efficiency of the boiler, or the fuels, as either might make a much better showing if some other fuel is used for the boiler, or a different boiler is provided in which to test the fuel. It is also well known that if several tests are made under what are apparently identical conditions, using the same boiler and the same fireman (using fuel from the same pile, in the same amounts and at similar intervals, and it is burned with the same draught, on days when the thermometer and barometer give similar readings, no two of the results are likely to be identical, the difference often reaching 2 1/2 per cent.

Hence it should be understood that the results given cannot be guaranteed in practice, but as care has been taken to use only such tests as seem well authenticated and as were made under ordinary conditions, there should be no difficulty in duplicating the results.

Location has much to do with the cost of fuel, and what might be good practice in one state might be unprofitable in another, hence recommendations can only be general.

A large number of tests were made by John W. Hill, at Cincinnati, in 1897, in which he used a great variety of coals in a pair of Galloway firebox boilers of about 10 horse-power, under the usual conditions for a carefully conducted boiler test. The tests lasted

which was a return horizontal tubular of 100 horse-power. The following table shows the efficiency of the different coals:

Coal	Steam per lb. of coal at 212 degrees.	Pounds of coal per H. P.
Cumberland	10.15	2.4
Lackawanna anthracite	8.75	3.9
N. S. culm	8.21	4.1
dust 1 part, pea and dust 2 parts	8.59	4

Another Test Shows:

Coal	Steam per lb. of coal at 212 degrees.	Pounds of coal per H. P.	Value per ton.
Cumberland	10.25	3.27	9.55
Lackawanna broken	9.24	3.38	4.92
Cumberland 1 part, pea and dust 2 parts	7.99	4.34	4.40
N. S. culm 1 part, pea and dust 2 parts	7.77	4.50	4.15
Cumberland equal parts	10.43	4.47	5.29
Lehigh, egg	10.18	3.41	5.43
Anthracite screenings and Cumberland equal parts	9.39	3.69	5.07
Lehigh, broken	10.67	3.41	5.50
Lackawanna, broken	9.30	3.55	5.27
Cumberland 1 part, screenings 2 parts	9.51	3.71	5.05
Cumberland	11.00	3.12	5.34
Lehigh, chestnut	10.22	3.73	4.55
Lehigh, pea	8.40	4.11	4.56
Lehigh, broken	9.61	3.65	5.12
Cumberland 1 part, pea and dust 2 parts	9.70	3.56	5.25
Cleared 1 part, pea and dust 2 parts	9.31	3.71	5.05
Anthracite, stove	9.42	3.71	5.06
Cumberland	10.61	3.29	5.63

draught will also be less in a larger plant, that is, small in proportion to the amount of coal consumed; in the larger plants, too, it will be possible to give more attention to the firing, and the result will be still a high and even steam pressure, which will result in the economy of fuel. In fact, it may be said to be largely a matter of the fireman and the method of firing. Thus, in the smaller plants, where the fireman gives only part of the time to the boilers, some of the free-burning lump bituminous coals will give good satisfaction, although for small boilers, and in all seasons where bituminous coals are available, some of the egg anthracite coals may be preferred. Where the plants are large enough to warrant a regular staff of firemen, the superiority of Pocahontas and other semi-bituminous coals might warrant their use. Under similar conditions, it might be profitable to investigate the question of combining one part of Cumberland, or other semi-bituminous coal with two or three parts of huckwauk, peco, or cast anthracite coal. Where this mixture can be laid down at two-thirds the cost of Cumberland coals, it might be considered as providing proper conditions are provided for its combustion.

Whatever the kind of fuel used, its economical burning depends so much upon the proper adjustment of the area of the grate and heating surfaces of the boiler, and the height and size of the chimney to be radiating surface to be supplied with steam that the following suggestions are made:

Ratio of Grate and Heating Surface to Radiating Surface.

Except in small boilers, when it is safest to estimate 15 feet of heating surface as required for one horse-power, it is customary to consider 20 feet of heating surface per horse-power, and to use from 70 to 100 feet of radiation for each horse-power, the larger amount being used for the larger boiler. The proportion between grate and heating surface will depend largely upon the kind of fuel used. The best rate of combustion of burning from 20 to 50 feet of heating surface to one foot of grate surface. For slow burning coal, with a combination of more than 40 pounds per square foot of grate per hour, the smaller figures may be used, but with free-burning coals and where the coal consumption is more than 15 pounds per square foot of grate per hour, it will be economical to have 45 to 50 feet of heating surface for each foot of grate surface. Most authorities consider from 12 to 15 pounds of coal (both bituminous and anthracite), per square foot of grate surface, as the most economical rate of consumption, and with good fuel and a fairly efficient boiler it is very seldom that more than four pounds of coal per horse-power will be required.

Height, Area and Horse-Power of Chimney.

It has been determined that the effectiveness of a chimney varies with the square of its diameter and the square root of its height. Thus, a chimney that is four feet in diameter and four times as efficient as one that is but two feet in diameter, while if 144 feet in height it will only answer for a boiler twice as large as if it were 36 feet high.

Of the various formulas for determining the relative size of the grate and chimney the following is much used. The area of the grate should equal the product of the smallest area of the chimney flue and the square root of its height for anthracite coal, while for bituminous coal the product is divided by 1.83. Thus, for anthracite coal, if the grate has an area of 25 square feet and the chimney is 4 feet high, the area of the chimney flue should be 4.5 feet for anthracite coal, and about 2.5 feet for bituminous coal. As a rule, the area of the chimney flue should not be equal to that of the boiler tubes and this is generally about one-tenth the grate area.

To multiply the grate area by the number of pounds of coal to be burned per hour per square foot of grate and dividing the product by the number of pounds of coal required per horse-power per hour, the horse-power of the chimney can be determined. For very large chimneys a careful study and adjustment of his grate, heating and radiating areas, and then selects the fuel that will furnish the larger number of horses under the conditions it will have to meet, for the smallest cost per ton, he will do much towards settling his own fuel problem.

CHAMPAIGN, ILL.—A floral parade was the great culminating feature of the carnival held in this city. A large number of vehicles handsomely decorated with flowers were in procession and several valuable prizes were awarded.

DULUTH, MINN.—Eischen Bros. have purchased two greenhouses at Woodland. The houses will be moved and added to their greenhouses at Arlington Place, which will give them a total plant of eight houses.

NEW YORK.

Special Convention Train.

BUFFALO, Monday Night.—We have only just arrived and here, we feel, the misfortune, yet truly the good fortune, to be domiciled away from the New York crowd. Ours was a pleasant journey westward; yes, an extremely enjoyable one. Bright and early, even before sunrise in some cases, those comprising the New York delegation were astir; many had to travel considerable distance to the point of rendezvous. (You know we consider all as New Yorkers who depend on that great city in a business way.) Never a larger, a better, a more jovial or intelligent crowd of florists left New York to attend any convention than that which came by special train to Buffalo today. On the streets, the ferryboats and on the platforms there were couples and groups and crowds, giving an expression to pleasant feelings. All were on an edge of intense excitement as the train left Weehawken promptly at 9:15 a. m. and as the iron steed puffed and snorted away through waving woods and flower-covered fields there was a continuous handshaking throughout the six cars. It was like a great big happy family reunion. The commissary department occupied the front car and here the officers of the club in shirt sleeves dispensed various colored and proofs of liquid.

Among those present were:

J. G. Esler and Miss N. Esler; James Dean and his four daughters, Mrs. Deane, Miss J. DeWitt, Mrs. Fish and Mrs. Bouton; Mr. and Mrs. A. Langjahr, Mr. and Mrs. H. Kretzman; P. O'Mara, John O'Mara and Miss E. O'Mara; Mr. and Mrs. R. Shannon, Mr. and Mrs. A. Guttman, C. Drawley, Walter Sheridan, D. O'Connell and Mrs. O'Connell, H. and Mrs. O. Quinn and Henry Daljeuzou, Mrs. L. Warth and Miss E. Warth, W. H. Siebrecht and three sons, John DeWitt, Mrs. B. McGuire, Mr. and Mrs. T. Keefe, Miss F. Shannon, Mrs. W. H. Hendon, Mrs. M. A. Nichols, Mr. and Mrs. L. Kreshover, John E. Lager, Anton Schulthess and two sons, and Mrs. A. McMullan, Miss Koch and E. Koch, Miss Minnie Meisner, E. Warendorf, Mr. and Mrs. A. Herrington and Mrs. J. Schweinartz, Mr. and Mrs. C. Wirth and Miss Wirth, Gus Manze, W. B. Du Rile, Mr. and Mrs. J. Reimer, Mr. and Mrs. J. Krick and son, W. Sadelny, Mr. and Mrs. Wollmer, E. C. Bruckner, J. B. Nugent, Jr., Miss H. E. Nugent and Willie Sauter, Mr. and Mrs. L. Duguay and son, Miss Knab, Miss D. Grosche, G. Emmerick, Julius Koeschs, Jr., G. Reble, G. Regensburger, F. A. Fitzelle, William Duckham, Mr. and Mrs. F. Tavernier and Miss Tavernier, Mr. and Mrs. William Burns, Miss J. Burns and Miss L. J. Burns, F. L. Atkins, L. Schmutz, A. S. Burns, Fred Nugent, Mr. and Mrs. H. Reimels, Mr. and Mrs. C. Hamington, Mr. and Mrs. J. Stevens, John Young, Mr. and Mrs. J. Schwaab, Mr. and Mrs. H. Schloss, H. Merkel, Mr. and Mrs. J. Logan, J. A. Huss, Mr. and Mrs. S. Burns, Mr. and Mrs. J. M. S. Brannon, W. C. Gennens, M. Brady, E. McGinnis, H. Beaulieu, H. C. Steinbohr and three sons, A. Dwyer, Joseph M. O'Connell, C. Brill, Mr. and Mrs. J. N. Champion, Mr. and Mrs. J. C. Hatcher, Mr. E. J. White, E. M. Johnston, C. C. Oberlin, Mr. and Mrs. J. G. Jensen and Miss Jensen, John Leach, A. T. De La Mare, Mr. and Mrs. C. S. Nash, J. J. Donnan, Fred Leitz, Mrs. McCullum, Daniel Moran, Miss T. Ennis and Miss M. M. Gardner, Miss E. W. Weathered and Miss Weathered, Miss M. Flynn, G. Lorenz, James Praeger, Miss F. W. Johnson, Mr. and Mrs. H. H. Hines, Miss M. E. Holmes, Mr. Ryerson, John Donaldson, J. Schelinger, Robert Green, Miss King, Miss J. H. Jones, E. M. Phillips, Miss E. Nugent, Mr. and Mrs. G. Goldner, Miss A. W. Atkins and Miss M. Noyes. By other routes, Mr. and Mrs. J. Raynor, Mr. and Mrs. Frank Traendly, Mr. and Mrs. John Teilmann, Mr. and Mrs. T. J. Langard, Mr. Pierson, James Kidd and Mrs. H. Berger.

But we are in Buffalo in the custody of Great Scot! Will Kasting, Adams and the little army of great workers, and must tell the story of the train another time. We had 176 persons on the train, and with those coming by other routes the New York party will reach 225.

J. I. D.

CARNATIONS.

Would you advise placing bones from the slaughter-houses in the bottom of carnation and rose benches? Is blood, as it comes from the slaughter-house, good to use as a fertilizer for roses and carnations?
T. K.

In answering the above questions I would say that I cannot answer the first question with any degree of certainty, as I have never tried nor heard of any one else trying bones (whole bones as I understand it) as fertilizer in the greenhouse bench. My judgment, however, would be that it would not be advisable.

We all know the value of bone-meal as a fertilizer, and very few growers are ever entirely without it. I think it is necessary that it should be ground, or, at least, crushed, in order that the plant food may be drawn from it in the short time it is on the bench. Being ground into dust and very small bits allows it to decay in a short time; whereas the hard outside shell of the bone would keep decomposition from setting in for a long time and in an ordinary raised bench where the soil is renewed every year the plants would get no benefit from them, as very little decaying would take place in the hand in a solid bed of roses which is to remain undisturbed for several years they might do some good if broken up some, so that the softer, inner part of the bones would be exposed, which would allow decomposition to set in much sooner.

For carnations we would not care to use bone in any way except in a ground state, and the finer it is ground the better we like it. We use a grade called bone-flour, and it is as fine as any wheat flour, and we like it much better than we do the coarser grades. The results are quicker and there is no danger of a good part of it remaining in the soil after the season is over. However, the above is merely my opinion in regard to the bones, and as experiment is the source of all knowledge I would advise T. K. to experiment along that line. He can take a small part of a bench (say about enough for 50 or 100 plants) and place on the bottom a small quantity of bones, and in another section a larger quantity of bones, and watch carefully the results. I don't think there is any danger of doing any harm, but the question is, "will they benefit the plants any." The quantity to use is also guess work, but I imagine that about three cubic inches of bones to one square foot of bench space in the one section, and about double that quantity in the other section would give him a very good idea of its value, if it has any. It would be well to take for this experiment part of a good light bench of which the rest is to be mixed with ground bone and notice what difference there may be. I should very much like to hear through the columns of THE REVIEW what the results are.

I suppose the blood is in a dry state, and if it is, it can be used on the benches with good results. We have never used blood alone, but we have used with good results a mixture of blood and bone, and strength of the blood as a plant food, but I imagine it should be used in about the same quantity, or perhaps a little more than you do of bone meal. You can soon see how much to put on after a

little experimenting. I think though, that I would rather use it as a dressing after the plants are established, and if T. K. gets it right from the slaughter-house I would advise mixing it with fine soil in equal parts and allowing it to lay until he is ready to put a light dressing on his benches. That would give it a chance to become thoroughly decomposed and no bad results would be apt to follow.

Up along the lakes you can see them haul the refuse from the fish houses out into the country and put it on the land, where it is plowed under. It is claimed that the improvement in the crops raised on the land where this is used is something wonderful. The only objection to this fish house refuse is its odor, which is as loud as its use is beneficial to the land. I imagine the slaughter-house refuse would do just as much good as that from the fish house, on outside land, and I think either one would make good

Geranium "Pasteur" occupies an oblong bed some 30x8 ft. The variety "Pasteur" is new to us. It is a strong grower, very free flowering and healthy and the truss is very large. It is a brilliant orange scarlet and the exhibit of C. W. Ward of the Cottage Gardens.

The petunia bed is an oblong about 18x8 ft. As can be seen, they are single varieties, which are always preferable to the double. They were planted early, quickly made a good growth, and are now very attractive. It is a very fine strain. They are the exhibit of Henry A. Dreer.

A large circle 24 ft. in diameter was planted by Henry A. Dreer with verbenas. It was planted about the 20th of May. The plants were cut down to within 4 or 5 inches of the ground, leaving no flowers on them. They have repeatedly been watered and hoed, as have all the beds. They quickly made a start and for the past month have been

this neighborhood. The varieties are La Favorite, double white; Mrs. E. G. Hill, single salmon; S. A. Nutt, double crimson; Mrs. Frances Perkins, the best double pink; and Athlete, a splendid single vivid scarlet. The exhibit of Henry A. Dreer.

The exhibit of fancy caladiums by Henry A. Dreer consists of about 75. The picture does not include the whole lot sent here. They are nicely grown plants and are now in 12-inch pots. They occupy a space in the south conservatory.

WILLIAM SCOTT.

OFF FOR BUFFALO.

Oh, I'm off
For Buf-fa-lo,
Just look
And see me go.
If walking 's good,
With beer for food,
I'll turn up sure
At Buffalo.

As the gentleman has as yet failed to show up at the convention we imagine the walking was not as good as expected. He may arrive in time for the bowling.

HOW CAN THE RELATION BETWEEN GROWER AND RETAILER BE IMPROVED.

BY FRED C. W. BROWN.

[Read before the Canadian Horticultural Ass'n at London, Ont.]

For a good, vigorous argument or discussion on this subject it is necessary for us to admit the existing dissatisfaction or necessity for improvement in our relationship; we must agree that there does not appear at the present time to be that friendliness or confidence that is, I might say, positively essential to success in our particular line of business. I think you will agree that there does exist a something, a perpetual feeling of apprehension, that at any time there is apt to arise a difficulty between grower and seller, a feeling that we do not altogether understand each other, and that there still remains a gulf to be spanned so that we might the more thoroughly appreciate the efforts made by both sides of the trade, to bring floriculture and its appertaining branches to a state of unassailable perfection. The necessity for thought in this, one of the most serious problems facing the florist today, is great.

We are, I believe, on the verge of a change in the methods of dealing one with the other. Unnecessary to state, any change brought about in the business dealings of wholesale and retail florists should be for the improvement of our relationship. It is to be hoped that before taking any serious steps in this direction, we would give every idea the most serious consideration, for it is an admitted fact that if a wholesaler offend a retailer, he damages his own cause as well as injures the relationship of his best friend. It therefore necessitates us to act with the utmost caution; to feel, as it were every step before advancing.

It appears to me that the first and one of the most necessary steps is that we should become more closely allied; that we should bring ourselves to a better understanding of each other by organizations; special meetings, if possible, should be arranged whereby we could frequently through the winter months be brought into closer contact. I am perfectly well aware of the fact that there are organizations all through the country with this very purpose included in its intentions; I fear they rarely suc-



Off for Buffalo.

stuff for top dressing if it were mixed with soil and allowed to dry and decompose thoroughly.

I would certainly be tempted to try some of it, if it were possible to get some of the stuff handy, but our slaughter-houses here claim they use up the whole hog and nothing goes to waste except the squeal.

A. F. J. BAUR.

EXHIBITS AT THE PAN-AMERICAN.

The nymphs are planted in about 25 different groups. They consist of all the best known hardy species and varieties and have added greatly to the beauty of the Mirror Lakes. In all cases there is a background of shrubbery, and bulrushes are planted on the margins of the water. They were received from Henry A. Dreer last July. Temporary clay dams were formed and the pools filled with water as there was no water than in the Mirror Lakes. Although the winter was severe the frost was kept away from the roots and during April of this year the clay dams were removed and the Mirror Lakes were flooded, with the result that few, if any, of the nymphs were lost and they have been admired by thousands,

a most pleasing bed. The varieties are good and are all colors indiscriminately mixed, which I believe is far prettier than a mass of one color, at least in this old fashioned plant.

There have been so many disappointments in verbenas of late that it is gratifying to see a brilliant bed of such an old favorite. I would take this opportunity to say that in all this fifteen acres of flower gardening there is but one bed in the carpet bedding style, and that seems something out of place and is scarcely noticed, showing that the popular taste no longer runs to that artificial style of gardening.

Henry A. Dreer has a long border filled with about fifty of the leading herbaceous plants, also an old fashioned garden containing some dozen beds filled with the most desirable of these now popular plants. The picture gives a view of a portion of the border.

The geranium bed is a large circle 24 ft. in diameter. As will be seen by the picture there are several varieties planted in sections. I am not sure but this is quite as pleasing in this flower as one color. It is a good demonstration of what are suitable varieties for

ceed in accomplishing any great good, for I am sorry to say that the main support accorded them seems to be by only one branch of the trade, the growers. An effort should be made to include the retailer. The grower might say, "If he wants to come, he is welcome; if he would rather stay at home, let him stay there." Perhaps they would be justified, but nevertheless the retailer must be in some way attracted to such meetings; evenings should be especially set apart for discussions concerning him, and there should also be an effort made to introduce, during the course of every meeting, something of vital interest to him, thus, as it were, compelling him to attend. We cannot overestimate the necessity of having every branch of the trade well represented at all meetings.

Another important point in connection with the present methods is that a number of the growers do not seem to realize the necessity of carefully considering their customers. It is imperative that an equal distribution should be made in the allotment of stock, particularly when a scarcity is on the market great care should be exercised; it should never be said that a grower had been partial. Considerable trouble seems to have been met with in the past by growers favoring one or more of their customers, allowing one to have more than his share of stock, while the other (shall I say poor?) fellow at the last moment is forced to chase around in search of that which he had expected from his regular source of supply.

There are two sides to every question. At a time when there has been an oversupply the retailer has inconsiderately favored one of his supply men, and instead of having procured a smaller lot from each of his growers has allowed himself to be led away by favoritism and cleaned off the stock of a single grower. We must not lose sight of the fact that the neglects are included in both sections; that the growers are not alone at fault, but the retailer is very often responsible for the condition of affairs caused by want of foresight or carelessness. They both should have remembered that golden rule, "Do unto others as you would be done by." Consideration should be employed by both parties; thereby, I think, would be the saving of a great deal of the worry and anxiety of such as "Shall I get enough for my orders?" and "Will I get rid of my stock now everybody has plenty?" If both sections would be brought to realize the great necessity for care, I think you will agree with me that the relationship by that single instance would be greatly improved.

Another point of minor import is the seeming reluctance of retailers to propose the growing or discarding of any special flower or variety of flowers. For some reason he does not advance any of his ideas as to what should or should not, according to his opinion, be given special attention by growers. One of the apparent reasons is the fear lest he should, by freely imparting his knowledge, benefit his competitor in trade, or should his ideas prove a failure, feel himself under obligations to reimburse the grower for the loss sustained by his wrong interpretation of the public's requirements. Again there is the fear of a pet idea being dashed to pieces by the refusal of a grower to entertain his opinion as rational. Thus it seems that jealousy plays an important part in the daily life of a retailer; he seems always

in fear lest he impart some of his knowledge to the benefit of his opposition; he is fearful lest he say too much in the presence of his grower, a fear that the other man may be benefited thereby. Perhaps there are no grounds for his suspicion of his grower, still it is wonderful what is whispered in the ear of ourselves as to the movement of the other fellow down street. All growers are not alike, and it seems too bad that a few careless ones should cause so much animosity and be so preventive to the harmony necessary for the improvement of our dealings and relationship.

I believe I now come to the most serious obstacle in the prevention of a closer and better relationship; the question we face every day business is transacted between grower and seller, the cause of most of our misunderstanding and all our serious trouble, that great problem, "prices." Before a substantial and lasting improvement can be brought to bear on our relationship it will be necessary to find some way of a better regulation of prices, of a more equal distribution of the different qualities of plants and cut flowers produced by our growers, goods will have to be placed on the market in such a way that the advantage, if any, should be shared alike by the large grower, the smaller one, the big retailer, down to the man going from house to house with his little push cart, there will have to be a more careful method of gradation. If you will pardon me, I would like to quote here from a paper read by myself at a meeting of the Toronto Gardeners and Florists' Association, of Toronto, last winter.

"Some growers have partially solved the difficulty, and as is naturally suggested, grade their products, but there are others who do not as yet seem to have realized the importance of gradation and making a conglomeration of all grades except because a certain flower has a common name there should be one price for all, thereby not getting a good price for the good, a poor price for the poor, but a general medium, giving, I claim, a questionable advantage to the No. 1 fellow, and, could it be properly understood, not making trade better, but killing a class of trade that would go without before entering the big establishment, thereby decreasing the demand of a people who would appreciate a slightly poorer quality as well as though it were selected stuff."

The advantages gained by one and lost by the other in our present method of marketing tend to lessen the necessary harmony; instance after instance has occurred when the smaller grower, although guilty of not grading his productions, and to my mind doing anything but assisting his brother of smaller degree, strange to say, when he has successfully brought to issue a particular line of flower, through his ignorance of the price obtainable for his goods, disposed of them at a far less price than should have been secured, and strange it may seem, but true, instead of benefiting his equal in business enterprise has, for the few encouraging words to be obtained from the great retailer and well "scented" of the honor of selling them, given the advantage to the place where such financial advantage was the least necessary. He (the grower) has lost by the transaction. The small retailer has never had a chance to share in the profit; the gain to the big retail man has been questionable, for he has strained one of

those very sensitive chords of friendship connecting grower and seller.

The large retailer is not to blame, for in this world of rush and grab it is every man for himself and "the Devil take the hindmost." The fault lies in the ignorance of the grower, disposing of his goods at a small figure when a greater price was obtainable.

It appears to me that after considering all the points detrimental to our more friendly and harmonious relationship, the lesser grievance converging to a central position seems to dissolve into one great fault, that awful bugbear "prices." True, there is that seeming useless jealousy; but were we to agree on the question of prices, were a proper regulation regarding them brought into existence, I would feel safe in placing my confidence in our wholesale and retail men, and, knowing the nature of many of them, guarantee, if necessary, that it would be almost impossible for them to withhold from forming one of the most successful organizations for the advancement of our particular line of trade. That we would all be benefited thereby is an assured fact, for there is hardly a line of trade where good, clear, undoubted confidence in each other is as badly needed as with the florists.

[Concluded next week]

OUR TITLE PAGE.

Here is a mid-July glimpse of a perennial border. At the left in the foreground is a group of spately hollyhocks, flanked by perennial phloxes not yet in bloom, though some of their kindred out of range of the picture are already dressed in their fullest glory. Higher up at the left the foliage of Golden Glow, flowering crab apple and Weir's cut-leaved maple make a rich background of green. The dense group in the center of the picture is the tuberous rooted sunflower, which will be nearly ten feet high before it is ready to bloom. In front of this group are auratum lilies in bloom. The size, splendor and delightful and far-reaching fragrance of the auratum make it a feature in any collection of flowers.

The light colored bloom through the right center of the view is mostly that of *Cleome speciosissima*, a continuous bloomer from June till frost. In certain situations is very effective. The dark group in the foreground at the right is a disseed form of *Helianthus multiflorus*; the leaves are broader and the growth more robust than in the ordinary full double form.

At the extreme right is *Campanula Van Houttei* in bloom. This is by far the most reliable of all the introduced campanulas for hardy planting. II.

DES MOINES, IOWA.—Mr. Charles N. Page, manager of the Iowa Seed Store, has returned from a two months' visit in Europe.

UTICA, N. Y.—There is a small delegation from here at the Buffalo convention. All are hurrying their work so as to get their carnations in. J. C. Bigelow, Jr., has gone to Sylvan Beach to enjoy a well-earned vacation at the family cottage, Oneida Lake.

CLAY CENTER, KAN.—J. P. Lampe, of Concordia, was here last Tuesday visiting Charles Humfeld.

POTTING SHED IDYLS.

A TEMPERANCE LESSON.

The "old man" did not believe in carrying rose beds over, and each year, at the season when greenhouse work produces a thirst that would stock a herd of camels, the men spent long, broiling days in rushing soil in and out in hand barrows, mending and whitewashing benches, and similar restful occupations. Jaggs had thoughtfully developed a sprained ankle a few days before planting began, which unfitted him for the more strenuous part of the work; consequently he sat on a peat barrel doing a bit of pottin', while the others hiked in soil.

"Seems to me Jaggs will be overworkin' hisself if he don't look out," observed Tommy, strolling back from a swim in the creek after supper. "Him and that bloomin' old parrot o' the old lady's is alike—they both takes most o' their exercise in talkin'."

"I reckon I generally remind you o' something moral and improvin', don't I, Tommy?" remarked Jaggs, genially.

"You do," responded Tommy. "Fact is, Jaggs, I never see you without thinkin' o' the ten commandments."

"Yes?" queried Jaggs, languidly.

"Sure thing," said Tommy. "You're both of you generally broke."

Jaggs acknowledged the compliment by firing a lump of peat at Tommy, and then subsided on the lily crate which formed part of the furniture of the summer garden. There was a brief flurry, caused by Tommy falling off a barrel in the effort to escape a daddy-long-legs which tried to find refuge down the back of his neck.

"Don't be cruel to poor dumb hinsecks, Tommy," observed Jaggs, reprovingly. "I've known lots o' them as was more improvin' society than some men."

"I believe yer," said Tommy, unpleasantly. "They can't talk."

"I knowed a batch o' cockroaches once," continued Jaggs, "as persuaded a man to quit drinkin'; he went and joined the Salvation Army afterwards, but o' course 'tain't fair to blame the roaches for that."

"Was they actual hinsecks," asked Tommy, "or did you just see 'em?"

Jaggs ignored this, and paused to start his pipe afresh before continuing his narrative. "I was down at the Squeebosset Nurseries," he observed, "bloomin' old pen, where they handles a lot o' tropical stuff. 'Course they gets everything goin' in the hinseck line. Once we gets a special importation o' tree leeches in a batch o' ferns, as keeps the chaps on the run most o' the time—big fellows, with a smile on 'em like hammer-headed sharks. I reckon as the boss would a-gone out o' business if it 'adn't been for a green boa as dropped in with a batch o' Philippine orchids—and the boss didn't pay no had vollerrum on him, neither. I reckon them graspin' custom house chaps put him on the free list. Anyway, he gets away with the leeches, and the rats, and a pair o' two o' rubber boots, and I reckon he'd been livin' yet if he 'adn't run across a Sunday paper. It 'ad a special full-page

article about money in Dutch bulbs, with a lot o' pipe-dream pictures, and even a boa constructor couldn't swaller that! He just curled up his toes peaceful like, and went and died back o' the boilers."

There was a brief pause. Tommy Atkins' terrier Patches rushed in, seeking sympathy for a bald spot over one eye, which suggested a difference of opinion with Pharaoh, the greenhouse cat. Pharaoh strolled in after him, purring melodiously, but giving Patches a wide berth; then settled down to sleep on Davy's solid knee.

"But what about them moral and improvin' roaches, Jaggs, old boy?" asked Tommy.

"Well, as I was sayin'," continued Jaggs, "it was a bloomin' old jail of a place, and when I was on duty nights I used to get lonesome enough to join the W. C. T. U., or do hanythink else desperate. There wasn't no society, and exceptin' the boss and me, there wasn't a chap on the place as could talk what you might call good English. But cockroaches—Lor"—that was afore that bloomin' snake joined us—there was a reglar procession of 'em everywhere. They wasn't natives either, but them big tropical ones. I wouldn't like to say as any of 'em was over six inches long, but it was a reglar thing to see the boss's terrier shake one of 'em by the scruff o' the neck, thinkin' it was a rat! They was intelligent, too—there was one old chap as we tamed—he was pettier fond o' fried potatoes—and when I was waterin' at one end o' the range, and wanted to send a message up to the pottin' shed, I'd just tie a note around his neck, and he'd trot off with it as pleased as Punch."

"Say, Jaggs," inquired Tommy anxiously, "was you talkin' about the terrier or the cockroach?"

"Used to worry me some," continued Jaggs, ignoring the interruption, "when I was on duty alone nights. A chap can have too much of most hanythink—specially roaches. There was one night the tame ones kep' 'agin' round till they was a reglar nuisance, and I got tired of 'em. There was a lot o' scraps o' crape paper layin' round—the boss had been trimmin' up a lot o' plants for the church tea fight. I picked up one o' the snips, cut out a pair o' purple wings, and clapped 'em on to the big fellow with a dab o' paste. Well, you never see a hinseck more pleased; he ambled off, lookin' like he was givin' the others a treat. I liked his looks myself, so I kept on decoratin', and pretty soon I had the giddiest panorama you ever see—some o' 'em would make a rainbow look like widdier's weeds. Talk about birds o' Paradise—they wasn't in it—them hinsecks was more variegated than the novelties in a spring catalogue."

"Well, I just sits there, admirin' 'em, when Jimmy Oakley strolled in. Remember him, Davy?"

"A vera demoralising auld man," said Davy, severely.

"Yes," observed Tommy, "he's been goin' 'ome for twenty year—wouldn't stay another night in this bloomin' coun-

try if it wasn't such a long damp walk back to Liverpool."

"Well," continued Jaggs, "you know he wasn't never what you might call a white ribbon chap, and that evenin' I reckon he wouldn't 'a been surprised if he'd seen a pink elephant helpin' a pea-green hippopotamus to pot off orchids. He says:

"'Ulo, Jaggs,' and sits down. I says: "'Ulo, Jimmy,' and keeps on smokin'. I see he keep lookin' at them hinsecks; they was paradin' around, like a political procession—I reckon there was

'undreds of 'em. By and by he says, very precise-like: "Seems to me them cockroaches is a bit different from ordinary." 'Maybe a bit bigger,' says I; 'they ain't natives, most of 'em bein' Brazilian.' 'Well,' says he, 'I never see even a Brazilian roach with pea-green wings afore—must be a hybrid.' 'Jimmy,' says I, 'seems to me your boots must be a precious sight brighter than yer head; roaches ain't never nothink but a decent respectable brown. When a chap begins to see sky-blue-scarlet cockroaches with butterfly wings,' I says, 'he ought to think seriously where he's a-driftin' to,' I says.

"'Do you mean to say,' says he, lookin' at a chap with double purple and yellow wings as was crawlin' over a pile o' thumb pots, 'as there ain't nothink here but plain everyday cockroaches?"

"'I do mean just that,' says I, 'and you'd ought to turn over a new leaf afore you begin to see sky-blue centipedes playin' seven-up with a drove of horned toads,' says I. 'A man as sees unoffending hinsecks as looks like they was dropped out of a kaleidoscope,' says I, 'must have somethin' serious the matter with him.'

"'Jaggs,' says he, very solemn and dignified, 'your opinions is always worth listenin' to. Possibly I've been eatin' somethin' as disagreed with me,' says he, lookin' at another of them iridescent hinsecks. "It makes me quite fanciful. I think I'd better get some sleep." So the old chap started off, and I did hear as one o' them missions got hold of him since; he's goin' around holdin' forth as a reformed florist—first on record. But if the old chap has reformed, them variegated hinsecks jolly well deserve the credit of it."

"Say, Jaggs," said Tommy, "do you know why your true stories about animals always reminds me o' the Pali-sades?"

Jaggs, who was knocking out his pipe, made no response, and the unabashed Tommy called back, as he made his escape:

"Both of 'em, you see, is mighty big bluffs!"

JANESVILLE, Wis.—Mr. and Mrs. George Rentschler sailed for Germany on the 20th ult. They expect to be gone three or four months.

WICHITA, KAN.—S. Stough is building a \$1,000 addition to his greenhouse at 1202 Water street.

PORT CHESTER, N. Y.—Rudolph Lortsche, a Swiss gardener of this place, has received word that his brother of South Dakota has died leaving an estate valued at about \$50,000. Mr. Lortsche will inherit the larger part of it.

LOOMIS, CAL.—A. Mitting is erecting two greenhouses on his 20-acre place here.

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THE NATIONAL FLORISTS' BOARD OF TRADE,
271 BROADWAY, NEW YORK CITY, N. Y.
WRITE US FOR PARTICULARS.

CHICAGO.

The Market.

Market conditions are but slightly changed from last week. Roses are somewhat easier, especially white roses. Beauties are coming longer stemmed. Kaisers, which have been off crop, are now coming in and this, with the better supply of white asters, has materially relieved the demand for white flowers. Shipping trade holds up well and prices and demand are unusually good for this time of the year. Field carnations are beginning to come in.

Various Items.

Mr. Washburn, of Bassett & Washburn, reports trade this summer as fully 50 per cent better than that of a year ago. Mr. and Mrs. Washburn leave for northern Wisconsin this week. Mr. Gressens and Mr. Winkelman, of Bassett & Washburn, return from their summer outings this week. Fred Lurkhurst, an old-timer of this city, is dead. His son's address is not known.

Hans Tobler, Traverse City, Mich., is a visitor in town. Sinner Bros., Ridge avenue, have commenced housing their carnations. Those who have seen the plants say they are the best seen this year. Their roses, too, are looking well.

William O'Hara, 57 years old, a florist of Kenosha, was struck by a south bound Illinois Central train at Seventy-first street. The shock paralyzed the lower part of the body. He was taken to St. Luke's Hospital, where he died.

THE BUFFALO SHOOT.

In the shooting tournament the Lockland prize was again won by Philadelphia, Cleveland was second and Buffalo third. The scores follow:

- Philadelphia—Harris 15, Anderson 19, Burton 22, Reid 19, Ball 15, Cartledge 17.
- Cleveland—Beard 18, Altick 18, Hippard 18, Steffens 13, Eddie 20, Graham 13. Total 100.
- Buffalo—Braik 8, W. Scott 15, Troup 9, Kasting 4, W. B. Scott 6, D. J. Scott 6. Total 48.

In the individual shoot at twenty-five birds John Burton won first with 22, George Anderson second with 21 and E. Hippard third with 20. For fourth place four were tied with 19 each, but J. Eddie won out on the shoot off.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Property of Mrs. D. Newlands. Chance of a lifetime for right party. Excellent well paying business established 25 years; directly opposite new \$40,000 entrance to Forest Lawn Cemetery; no competition; good reasons for retiring. Do not fail to look it up while attending the convention. Apply to J. H. Newlands, 1085 W. Delaware Ave., Buffalo, N. Y.

Orpee's Seeds Grow

FRUIT AND FLOWER PLATES,

Seed Packets and Supplies of all kinds for NURSERYMEN, FLORISTS and SEEDSMEN.

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VERDENBURG & CO., - - ROCHESTER, N. Y. Mention The Review when you write.

FOR SALE OR LEASE—Long established first and plant business; 6,000 square feet of glass; 5 acres of land, fully stocked; stand in Center Market, Washington, D. C.; low rent to reliable party. Address W. D. Hayes, Ballston, Virginia.

WANTED—100 each—Passiflora in three best varieties; 3-inch bushy plants. The McGregor Bros. Co., Springfield, O.

WANTED—As partner, in a well established florist business, a man with \$500 to \$1,000 capital; must have an intelligent idea of growing bulbs and carnations, etc.; this is an excellent opportunity for a pushing man. Address M. E. care Florists' Review.

SITUATION WANTED—As working foreman on commercial place; 15 years' practical experience; best of references; single. Address Ed. Wiseman, 691 N. 10th St., St. Joseph, Mo.

SITUATION WANTED—As foreman to take charge of wholesale or retail place; Indiana or Illinois preferred; single, age 32; good grower of cut flowers. Address Grower, care Florists' Review.

WANTED—150 feet of 1 1/2-inch second hand pipe; must be in good condition. Address Box 163, Lenox, Iowa.

SITUATION WANTED—By September 1 or later by an active florist, to take charge of wholesale or retail place; German, age 40; 25 years' experience in growing roses, carnations, pot plants, etc. The present time rose grower for an Ohio wholesale firm. Address Ohio grower, care Florists' Review.

SITUATION WANTED—By competent grower of roses, carnations and mums and general bedding stuff; sober and good character. Address F. H., Box 563, Rochester, N. H.

FOR SALE—Wilks' boiler, 4x12, in good condition; \$900. Address Otto Hansen, 106 N. 62nd Avenue, Chicago.

FOR SALE—Carmody boiler and 1000 feet 4-inch pipe in good order. All F. O. B. Hopkinsville, for \$100. A snap. Speak quick. T. L. Metcalfe, Hopkinsville, Ky.

FOR SALE—Who wants them? One Hitchings No. 10 corrugated fire box boiler and one No. 3 conical boiler; two Hitchings tall open expansion tanks; all in good condition. \$100.00 cash. L. C. Holton, Bennington, Vt.

FOR SALE—Greenhouses in one of the best cities in Michigan; 11,000 feet of glass; good business; everything right; the price will scare you; must be sold on account of death. Address 50 care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in., guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—Night foreman for steam boilers; must be a good, steady man and know his business; good wages to the right man. H. McMichael, Morton Grove, Ill.

WANTED—Second hand boiler in good condition to heat 120 to 150 feet of 4-inch pipe; also a lot of pipe from 2 to 4-inch; state price, condition and location. A. & G. Rosbach, Pemberton, N. J.

THE REGAN ...PRINTING HOUSE...

Nursery.... Seed.... Florists' Catalogues

87-91 Plymouth Place, Chicago. Mention The Review when you write.

WANTED—200 feet 1 1/2-inch second hand pipe; must be in good condition. Address Box 730, Rockland, Mass.

WANTED—Young man for greenhouse work; some experience; good place. T. F. B., care Florists' Review.

FOR SALE CHEAP—One second hand 20 horse power Atlas horizontal tubular boiler, with dome attached; complete for setting up except stack; will be sold at a bargain; has been in use but short time. G. Van Rockove & Bro., Kalamazoo, Mich.

FOR SALE—45 boxes 8x10, 45 boxes 10x12 second hand A glass; angle; about 2,500 sq. ft. of each size. Alexander Wardlaw, Hamilton Ave. and Horton Pl., St. Louis, Mo.

WANTED—Young plants of Papa Gantler rose. The Dingee & Conard Co., West Grove, Pa.

SITUATION WANTED—By practical florist; grower, landscaper, private or commercial, charge or foreman; would rent good place, 500 feet or less with land, between New York City and Montreal; German, 35; married, family. A 1 references. Joseph Braun, Lawrence St., Glen Falls, N. Y.

FOR SALE—The greatest bargain ever offered; florist and greenhouse, 4 ft. frontage on principal business street; store 10x28, palm house 30 x28, propagating house 10x28, plant house 10x36; Ideal sectional and Wilks wrought iron boilers; 4-inch pipe; fine stock of plants, seeds, etc.; 50 hot-bed sash, pots, etc.; horse, harness and two delivery wagons; city water, electric light; \$40.00 per ground rent; 30,000 summer visitors; price \$1,300 cash; other business requires my attention. Address Florist, Box 515, Delavan, Wis.

FOR SALE—50 boxes double third 14-in. A and B glass; also one Hitchings No. 10 corrugated fire-box boiler, in use five seasons; as good as new; write for prices. Carl Rauth, Springfield, Ill.

FOR SALE—The most profitable retail cut flower store in the finest residence district of Chicago (Rogers Park); stock, lee box, counter, etc.; price, \$500.00. Address A. B., care Florists' Review.

WANTED—Two young men for greenhouse work; good wages to workers. Morton Grove Greenhouses, Morton Grove, Ill.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining; some free of charge. Address 2, care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age, with best references in the country, wants a permanent position. Address Salesman, care Florists' Review.

SAMUEL S. PENNOCK. Wholesale Florist
 Commencing June 24th and continuing during the summer months, will be open from 7:30 A. M. to 6:00 P. M.
 American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

PHILADELPHIA.

Various Items.

The cut flower market is not in so good shape as last week; there is more stock and less business. There are some new Beauties about and some excellent Kaiserins and Meteors; these sell fairly well, but the poorer roses don't move. Carnations are pretty well over. Asters have taken their place; they bring from \$1.50 per 100 down, a good many being poor. Smilax is in very good demand.

I. W. Pabst, of Moorestown, N. J., is sending some nice Cochet roses to Fred Ehrert.

John Devlin, Sixty-third and Elmwood avenue, is cutting about the best gladioli coming into the market; they are of good colors and sell well at \$4 and \$5 per 100.

Henry F. Michell will leave on Monday next for his annual trip among the eastern and western seed growers.

Joseph Meehan gave the members of the Germantown Horticultural Society an interesting botanical ramble last Saturday afternoon. The party met in front of Memorial Hall and proceeded through Fairmount Park, over a route selected by Mr. Meehan, who pointed out the rarer shrubs and trees to be found there. The affair was a great success and attracted several well known horticulturists who are not members of the society. Among those present were Edward Neville, Edwin Lonsdale, G. C. Watson, Albert Woltemate, S. Mendelsen Meehan, Mr. Morse, Mr. Duncan, George Riddles and others.

Thomas Butler, formerly of Wyndmoor, is selling bulbs for H. Waterer.

About 100 delegates left this city on two special cars attached to the 10:30 a. m. train bound for Buffalo over the Lehigh Valley railroad. Who went and what they did will be found chronicled elsewhere in these pages, sufficient to say that they worthily upheld the renown of the Quaker City in the convention hall, in the trade exhibit, and in the sports.

P.M.

MILWAUKEE, Wis.—The Milwaukee Florists' Club was organized August 2. The following officers were chosen: President, C. B. Whittall; vice president, W. A. Kennedy; secretary, C. C. Pollworth; treasurer, H. V. Hunkle.

THE BEST.

Have been well pleased with the REVIEW. It is the best florist trade paper published.—JOHN LANGE, Englewood, N. J.

RHINBECK, N. Y.—Joseph Markle, the florist, died a victim to the recent terrific storm. He had gone to the greenhouses to endeavor to prevent damage to them and was found dead in one of the houses. The storm was violent enough to tear up large trees by the roots.

PITTSBURG CUT FLOWER CO., Ltd.
 WHOLESALE FLORISTS.

Long Distance Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St., PITTSBURG, PA.
 FLORISTS' SUPPLIES. Write for Price List.
 Mention THE REVIEW when you write.

PRIMROSES Chinese, Single, Per 100 \$2.00
 Single, mixed... \$2.00
 Obconica Alba and Rosa, Aug. 15... 2.00

SMILAX, 2-inch pots, per 100, \$1.00 ASPARAGUS, Sprenger's..... per 100, \$2.00
 Plumosus 2.50

CASH. PANSY SEED, No Plus Ultra, oz., \$4.00.

JOS. H. CUNNINGHAM, - - - DELAWARE, OHIO.

Mention The Review when you write.

50,000 Geraniums!
 AT REDUCED PRICES.

If you are in need of any of the following stock get your orders in at once and we will furnish you with strictly first-class stock in any quantity for little money.

GERANIUMS. S. A. Nutt, best double crimson; Brant's, semi-double scarlet; Grant, double scarlet. Strong plants from 2 1/2-inch pots, \$1.25 per 100, \$12.50 per 1000. Frances Perkins, double pink; Beatie Pollevine, semi-double salmon; E. G. Hill, single salmon; La Favorite, double white; J. M. Gaar, single white; Mme. Jaulin, semi-double, pink center, white tip; Mme. Brunt, Strong plants from 2 1/2-inch pots, \$1.50 per 100, \$15.00 per 1000. All the above varieties in rooted cuttings, \$1.00 per 100, \$9.00 per 1000.

NOTICE. The above stock is guaranteed strictly first-class and worth twice the money.

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PALMS for GROWING ON.
 FINE
 Latania Borbonica,

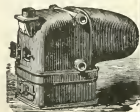
Elegant 3-inch stock. \$5.00 a 100, \$45.00 a 1000.

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ALABAMA
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Orders filled promptly on short notice. Agents wanted in every city. Apply by Sept. 1st.

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Extra fine plants on their own roots for winter forcing.
 Bride, Bridesmaid, Meteor, Perle, Kaiserin, Golden Gate, 3-inch pots, \$7.00 per 100.
 4-inch " \$10.00 "

Liberty,

3-inch pots \$8.00 per 100.
 4-inch pots \$12.00 "

Grafted,

3-inch pots \$15.00 per 100.

Our LIBERTY ROSES, both grafted and on their own roots, are in extra fine condition and perfectly healthy. **NO BLACK SPOT.**

J. L. DILLON, Bloomsburg, Pa.
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Meteors, Maids and Brides.

3 1/2-inch pots, \$30.00 per 1000; \$3.50 per 100. **VERY CHOICE.**

BRANT & NOE, FOREST GLEN, CHICAGO, ILL.

CYCLAMEN. PERISCIUM and GIGANTEUM for Christmas Blooming.
 Fine large healthy plants.

3-inch, \$5.00 per 100. 4-inch, \$8.00 per 100.
 SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N. Y.
 Mention The Review when you write.

SPECIAL VALUES!

We desire to call your special attention to the standard list of plants enumerated below, which at this time are in unusually fine condition and of exceptional good value. Florists requiring this line of stock will gain decided advantages by placing orders at once.

ARAUCARIA EXCELSA.

The best value we have ever offered in this plant. Over 10,000 now in stock.

	Each
4-inch pots, 6 to 8 inches high, 2 to 3 tiers	\$0.50
6 " " 12 to 14 " " 3 " "	.75
7 " " 20 " " 4 to 5 " "	1.50
7 " " 24 " " 4 to 5 " "	2.00

ARAUCARIA EXCELSA GLAUCA.

	Each
5-inch pots, 8 inches high, 2 tiers	\$0.75
6 " " 15 " " " "	1.50

ARAUCARIA ROBUSTA COMPACTA.

	Each
5-inch pots, 10 inches high, 2 tiers	\$1.00
6 " " 12 " " 3 " "	1.25

DRACÆNA BRUANTI.

	Each	Doz.
As bardy and useful as a Rubber Plant. A fine lot of 5-inch pots, 15 to 18 inches high	\$0.25	\$4.00
6 " " 20 to 24 " "	.50	7.00

FICUS ELASTICA.

	Doz.	100
4-inch pots, 10 to 12 inches high	3.00	\$20.00
6 " " 20 to 24 " "	6.00	75.00

PANDANUS UTILIS.

An exceptionally fine lot of 3-inch pots.
\$1.00 per dozen, \$8.00 per 100, \$70.00 per 1000.

PALMS! PALMS! PALMS!

ARECA LUTESCENS.

	Doz.	100
3-inch pots, 2 plants in pot, 10 to 12 inches high	\$ 1.25	\$ 10.00
6 " " 3 " " " "	5.00	75.00
6 " " 3 " " " " 24 " "	12.00	160.00
6 " " 3 " " " " 30 to 36 " "	30.00	

COCOS WEDDELIANA.

Cocos this season is again scarce. Our stock is in fine condition. We offer good 3-inch pots, 10 to 12 inches high, at \$2.00 per dozen, \$15.00 per 100. After September 1 the price will be advanced to \$2.50 per doz., \$20.00 per 100.

KENTIA BELMOREANA.

	Doz.	100
2½-inch pots, 3 to 4 leaves, 8 inches high	\$1.50	\$12.00
3 " " 4 to 5 " " 10 to 12 inches high	3.00	25.00
4 " " 5 to 6 " " 15 " "	4.50	35.00
	Each	Doz.
6 " " 3 to 6 " " 24 to 26 " "	\$1.25	\$15.00
6 " " 6 to 7 " " 24 to 28 " "	1.50	18.00
7 " " 6 to 7 " " 28 to 30 " "	2.00	24.00
7 " " 6 to 7 " " 30 to 36 " "	2.50	30.00

PHŒNIX RUPICOLA.

A fine lot of 4-inch pots of this most beautiful of all the Phoenix, just showing character, \$1.00 per dozen, \$9.00 per 100.

KENTIA FORSTERIANA.

	Doz.	100
2½-inch pots, 4 leaves, 8 to 10 inches high	\$1.50	\$12.00
3 " " 4 to 5 leaves, 12 to 15 inches high	2.50	20.00
4 " " 5 to 6 " " 15 to 18 " "	4.50	35.00
	Each	Doz.
6 " " 6 " " 28 to 30 " "	\$1.25	\$15.00
6 " " 6 " " 30 to 36 " "	1.50	18.00
7 " " 6 " " 34 to 36 " "	2.00	24.00
8 " " 6 to 7 " " 42 to 48 " "	3.50	42.00
10 " " 4 plants in a pot, 42 to 48 inches high	7.50	

The KENTIAS offered above are strong, stocky plants, heavy, of good color and perfect in every way.

LATANIA BORBONICA.

	Doz.	100
4-inch pots, 4 to 5 leaves, 12 to 15 inches high	\$2.50	\$20.00
6 " " 15 " " " "	6.00	60.00
6 " " 6 to 7 " " 18 " "	9.00	75.00

FERNS.

Over half a million of all the leading varieties now ready for distribution; fine young stock.
Our selection of varieties.....\$0.50 per 100, \$50.00 per 1000

For a complete list of seasonable stock see our Mid-Summer Trade List.

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Model Extension Carnation Supports.

Patented July 27, 1897 and May 17, 1898.
MADE WITH TWO OR THREE CIRCLES.
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Galvanized Rose Stakes and Tying Wires.

Prompt shipments guaranteed.
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Trees and Ornamental Shrubs.

EVERGREENS A SPECIALTY WHOLESALE AND RETAIL.

R. DOUGLAS' SONS, Waukegan, Ill.

PRIMULAS, PLANTS, Etc.

Per 100
Chinese Primulas, mixed and white, 2½-in. \$ 2.00
New Yellow Baby Primrose, 2½-in. 2.00
Smilax, 2½-in. 1.50
Asparagus Plumosus Nanus, 3-in. 5.00
Begonias, 3 varieties, 2½-in. 2.00
Alleranthus, fine pink, 2½-in. 1.50
Fancy Seed, Giant and Fancy, mixed, \$4.00 per doz.

—CASH—
THE MORRIS FLORAL CO., Morris, Ill.

Always mention the Florists' Review when writing advertisers.

BOSTON.

Trade is good—very good indeed. The trouble is there is but an awful little of it, consequently a small order seems good indeed. Asters now come nearer being plentiful than anything else, and even they are not so much in evidence as usual at this date. Roses, carnations and sweet peas are not over-plentiful nor of very good quality; small white flowers, lilies, gladioli, etc., rather scarce, but the limited call makes prices low on everything. Smilax, asparagus and other green material not moving at all.

Apropos of the gladioli question, Mr. F. W. Fletcher is growing 40,000 bulbs of the new one, Groff's Hybrid, shown at the New York convention last year. Mr. Shaler of Weston has the New England agency and Mr. Fletcher grows this amount for him. The expected crop of bulbs is about all sold. The blossoms are larger, rounder, fuller, than older varieties, and are of a much more hardy character.

I believe the demand for red roses has been better than usual here for summer trade. There has been a good supply and I think they have gone out very well indeed. J. McFarland of North Easton is the first one to appear on the scene with new crop American Beauties.

The auction sale of stalls in the co-operative market will not take place until Saturday, September 14.

For real exhilarating vacation reading let me recommend the *Saturday Evening Post*. Here is an extract from a love story in the last issue: "Her father was a florist and necessarily a millionaire. He only parted with his lily of the valley for its weight in gold, and his American Beauties for their weight in diamonds." "He" was a grower, too!

J. S. MANTER.

VIOLET HOUSES—HEATING.

No. 1.—I have a house 16 feet wide running east and west. On which side of this house would be best to make a violet house with sash, (lean-to house) the north or south?

No. 2.—Do you think that 8 runs of 4 in. pipe (4 on each side and one end) are sufficient to heat a rose house 20x40, the south end glass and north end against shed 9½ ft. to ridge?

SUNNY KANSAS.

In answer to the questions asked by "Sunny Kansas"—a lean-to violet house against a house running east and west should be on the south side in order to get the full benefit of the sun, which is so necessary for violet growing.

If the rose house referred to as "20x40" has the roof and one end only of glass, it would probably contain about 1,000 square feet of glass, which would require at least 350 feet of 4-inch pipe to maintain 55 degrees, and I think the coils he describes will contain very nearly the desired amount and if the house is well built, and boiler has full capacity, should give the desired results.

New York, HENRY W. GIBBONS.

CHRYSA NTHEMUMS.

NEW AND OLD VARIETIES.

A large stock of young thrifty plants throughout August. Our selection, all good varieties, \$2.50 per 100. Those wishing special varieties please send for descriptive catalogue.

Roses.

A few hundred good plants from 3 and 3½-inch pots left from our own planting. Write for varieties and prices.

Carnations.

Field-grown plants for latter part of August and Sept. delivery. Prices and varieties upon application.

H. WEBER & SONS, - Oakland, Md.

Mention The Review when you write.

ROSE PLANTS. They are nice. Just what you want. Send us your orders.

The stock is right. Orders of 1000 or more, 5 per cent. discount for cash.

Clean, Bushy Stock.		Per 100	Per 1000	Clean, Bushy Stock.		Per 100	Per 1000
500 American Beauties, 3-inch	.....	\$7.00	\$65.00	4000 Maids, 2½-inch	.....	\$2.00	\$18.00
1000 American Beauties, 2½-inch	.....	6.00	50.00	500 Maman Cochet, 3-inch	.....	3.50	25.00
5000 Meteors, 3-inch, extra fine	.....	3.00	25.00	8000 Maman Cochet, 2½-inch	.....	2.00	18.00
4000 Brides, 3-inch	.....	3.00	25.00	1000 Golden Gate, 2½-inch	.....	2.50	20.00
4000 Brides, 2½-inch	.....	2.00	18.00				
4000 Maids, 3-inch	.....	3.00	25.00	Smilax, 2½-inch pots	.....	1.25	10.00

Lake View Rose Gardens,
JAMESTOWN, N. Y.

Mention The Review when you write.

CARNATIONS = Field Grown.

Clean, Bushy Plants, Ready for Bunching..... \$5.00 per hundred.

FLORA HILL.	CERISE QUEEN.	JURILEE.	GLACIER.	MRS. F. '00ST.
AMERICA.	MARY WOOD.	TRIUMPH.	BON TON.	JOHN YOUNG.
VICTOR.	MAYOR PINGREE.	EVELINA.	WM. SCOTT.	GEN. GOMEZ.
ARMAZINDY.	LIZZIE MCGOWAN.			

Rockford Seed Farms. H. W. BUCKBEE,
Forest City Greenhouses. ROCKFORD, ILL.

Mention The Review when you write.

VIOLETS.

PRINCESS OF WALES, healthy field-grown plants, \$5.00 per 100; strong 3-inch pot plants, \$3.00 per 100.
CALIFORNIA, field grown only, \$5.00 per 100.
LADY HUME CAMPBELL, from 2½-in. pots, \$3.00 per 100.

NATHAN SMITH & SON, Adrian, Mich.

ROSES.

300 WOOLTONS. Plenty of ASPAEGUS
1600 PEELLES. PLUMOSUS and
700 MAIDS. SPRENGER
1900 BRIDES. BOSTON FERNS.
150 LIBERTY. Write—
50 CAENOT.

GEO. A. KUHLE, - PEKIN, ILL.

Sow Bugs and Slug Shot

DO NOT AGREE. THE SOW BUGS DIE...

Everyone who attended the Convention and saw our grand display of

Up-To-Date Novelties,

many of which are exclusive, unite in saying that it was the finest showing ever made by a Florists' Supply House. When you need anything in Novelties or Staple Goods write to us; we can supply your wants to your entire satisfaction both in regard to price and quality.

M. RICE & CO., 918 Filbert Street,
PHILADELPHIA, PA.
CATALOGUE FOR THE ASKING. IMPORTERS AND MANUFACTURERS OF **Florists' Supplies.**

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Best Bedding Geraniums, 2½-in., \$2.00 per 100, \$17.50 per 1000. Best Bedding Geraniums, Rooted Cuttings, \$1.50 per 100, \$12.50 per 1000.
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Large Field Clumps . . . \$25.00 per 100
Strong Divided Roots . . . 10.00

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Strong Field-Grown Plants, 2 to 2½ feet, well branched, \$2.00 per 100; \$15.00 per 1000.

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CHICAGO TO BUFFALO.

The Chicago Florists' Club's special train to Buffalo carried a delegation of about 100, and the Wabash railway gave it a clear track and a great run. It started at sharp 4 p. m. Monday, overtook and passed the fast 3 o'clock train before Detroit was reached, and arrived in Buffalo an hour ahead of the time set. The train consisted of a diner, four sleepers and a chair car, which had been suitably decorated and bore signs reading: "Chicago Florists' Club's Special." With Ed. Winterson, George Asmus, Charley Balluff, P. J. Hauswirth, Walter Kreitling and the rest of the "warm bunch" aboard it is needless to say there was a large, hot time.

The party included the following from Chicago: A. McAdams, George Wittbold, Otto Wittbold, G. H. Pieser, E. F. Winterson and wife, Geo. Asmus and wife, C. W. McKellar and wife, P. J. Hauswirth, Edgar Sanders, G. L. Grant and wife, Joseph Foerster, Walter Kreitling and wife, Mrs. Melms, Miss Cook, John Paulus, John Hoefl, G. Swenson, A. L. Vaughan, P. H. Retzer, Mrs. S. Garland, Joseph Craig, wife and son, George Hartung, Robert Berger, W. L. Palinsky and wife, Mr. Amphlett, George Collins, J. C. Vaughan and wife, M. Barker, W. N. Rudd, C. W. Scott, C. A. Hunt, N. Wictor, F. F. Bentley, August Lange. From Milwaukee: C. C. Pollworth, H. Holton, A. Klokner, Mr. and Mrs. C. B. Whitnall, Mrs. Gordon, Miss Freytag, Miss Puhlman. From Joliet, Ill.: James Hartshorne, Joseph Labo, J. D. Thompson. From Des Moines, Iowa: J. T. D. Fulmer and daughter, W. L. Morris, Mrs. M. E. West and daughter. From Dixon, Ill.: O. L. Baird, wife and daughter, E. Bovey, W. F. Preston. From other points: J. J. Hess and L. Henderson, Omaha; J. F. Wilcox and wife, Council Bluffs, Iowa; J. C. Renssion, Sioux City, Iowa; J. T. Temple, Davenport, Iowa; C. M. Hemala, Buckley, Ill.; George A. Kuhl and brother, Pekin, Ill.; E. Haentze and daughter, Fond du Lac, Wis.; W. H. Barnes, Topeka, Kan.; O. Sylvestor and wife, Oconomowoc, Wis.; Elmer D. Smith and wife, Adrian, Mich.; Arthur Newell, Kansas City, Mo.; F. C. Smith, Ashland, Wis.; W. T. Symonds and wife, Decatur, Iowa; W. B. Perry and wife, Cresco, Iowa; D. O. Pratt and mother, Anoka, Minn.; L. L. Frey and wife and daughter, LeRoy, Ill.; Mrs. Elizabeth Cooper and Miss M. Smart, Maroa, Ill.; John McDonald and wife and daughter, Farmer City, Ill.

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of being able to furnish first-class stock in quantity. The fact is that our market offers scarcely anything worthy of being called first-class. But conditions will soon change.

We Are Making Great Preparations

for the coming season. We have doubled the floor space of our salesroom, coupled with all modern appointments. In addition to a large number of consignors, growers of first-class stock, we have added a greenhouse establishment of our own in order to enable us to take care of our constantly increasing business. We confine our main efforts to the production of

First Quality American Beauties.

With this addition we are enabled to furnish our patrons with a complete line of Cut Flowers of an exceptional high grade quality. We would respectfully solicit your patronage, assuring you first quality stock, right prices and prompt service.

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Growers and Jobbers of

CUT FLOWERS,

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CHICAGO....

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Azaleas, Palms,
Ferns, Ficus, Bulbs,
Shrubs, Vines, Bay Trees, Boxwood and Evergreens.

For Prices see our
Special Convention List.

BOBBINK & ATKINS, Rutherford, N. J.

MEALY BUG ON COLEUS.

Having to winter about four hundred stock plants of coleus the mealy bug, which seems to be more partial to coleus than to anything else, has annually made life miserable for the writer.

Last year we got a five dollar bottle of X. L. All Fumigating Mixture which was quite satisfactory for the time being, but in two or three weeks the pest was as bad as ever and on account of the price of the "X. L. All" frequent fumigation was out of the question.

Last spring, however, I invested five dollars in the "Florists' Manual" and by mere chance happened to read therein that: "If a gardener has charge of the hose mealy bug ought never to be seen on coleus." Now, although the writer considered himself "a gardener," having had some twenty years' experience both in the old country and America, he immediately determined to adopt the treatment hinted at by Mr. Scott, being fully convinced that he "did not know it all yet."

Consequently when potting the coleus into the pots in which they were to stay for the winter (3½ and 4-in. pots) considerable care was taken with the drainage so that the plants would not get too wet or waterlogged. Since the last repotting the plants have every day been subjected to an "unmerciful battering" with the hose and the result is that a finer, cleaner, thriftier looking lot of coleus plants it would be hard to find.

Heretofore the writer had been afraid to syringe coleus heavily for fear of their damping off, but if the drainage is all right, and the temperature from 55 to 60 degrees nights, there seems to be no danger whatever, as we have only lost two out of four hundred, so far.

Now, in the writer's estimation, that little clause in the "Florists' Manual," "If a gardener, etc.," is easily worth to him the five dollars paid for the book, although he should never find anything more. Doubtless hundreds, probably thousands, would say, "Why! any fool would know enough to syringe coleus to keep down mealy bug!" probably any fool does know enough, but the writer did not, and the whole book seems to him to be full of just such little things that don't seem to amount to anything until one needs them, and then these same little things prove to be of inestimable value.

WM. W. GORDON.

Concord, N. H.

FANCY GLADIOLUS.

We have received from Mr. E. S. Thompson, South Haven, Mich., a collection of gladiolus spikes that contain some very excellent light colored varieties.

BARGAINS

Crimson Ramblers, very heavy.
Clematis Paniculata, XX heavy.
Hydrangea Paniculata Grandiflora,
2 to 3 and 3 to 4 feet, heavy.
Roses in large quantities.
Over 300,000 Shrubs for sale.
Large quantities of Shade and Orna-
mental Trees.
200,000 Herbaceous Plants.
Paeonies, 60,000 in named varieties,
send for list.
Potted Strawberry Plants now ready.

SEND FOR OUR LISTS.

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ELIZABETH, N. J.

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PANSY SEED

GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package, 25c; ¼ oz., \$1.00; 1 oz., \$4.00, free by mail.

Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you.
Seedsmen's orders not accepted. (CASH.)

A. Mitting, Loomis, Cal.

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CHOICE PANSIES

An extra fine strain of large blooming Pansies, young plants, ready about September 15th. 50c per 100 by mail; \$4.00 per 1000 by express.

Charles S. Dutton, Wholesale Grower of
HARDY HERBACEOUS
PERENNIALS,

85 W. 12th St., HOLLAND, MICH.

Cash with order please.

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"Irene." Field-grown Plants, Ready August 28th. Write for Carnation price list.

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BUDLONG

has been doing his share, and a little more, during the past season, and has arranged to head the procession the coming season.

With **LARGELY INCREASED CAPACITY** in **EVERY DEPARTMENT** our supply will be **LARGER** and **MORE VARIED**, and we can give even better satisfaction than in the past. We shall have **PLENTY** of **FINE ROSES** and **BEAUTIES** and an **ALMOST UNLIMITED SUPPLY** OF **FANCY CARNATIONS**. Careful attention will be given to all orders, by either mail or wire.

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37-39 Randolph St. **....CHICAGO.**

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**Grand Pyramids,
Dense and Dark Foliage,
Exhibition Plants,
The Finest in Trade.**

Height with tub, 14 feet; diameter at the base, 4 feet; solid new tubs; price per pair, **\$60.00**

Height	Diameter	Price per pair
12 feet	6 feet	\$40.00
" 10 "	" 4 "	30.00
" 8 "	" 3 "	20.00
" 6 "	" 2½ "	10.00

Splendid Standard Bays.

Height of Stems	Diameter of head	Price per pair
3½ to 4 feet	4 feet	\$25.00
" " "	3½ "	20.00
" " "	3 "	12.00
" " "	2½ "	5.00

Cash or good references with order required.

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THE NURSERIES,
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Catalogue of other sizes to be had on request.

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CHOICEST STRAINS.

- Fansy, Superb Show Mixture,** trade pkt. 25c; ½ oz., 75c; 6z., \$5.00.
- Fansy, 25 Finest Giant Varieties,** trade pkt. 25c; ½ oz., 40c; 6z., \$2.50.
- Cineraria, Giant Frize Strain, Mixed,** trade pkt. 75c.
- Cineraria Polyantha (Cruenta Hybrids)** trade pkt. \$1.00.
- Calceolaria Giant Frize, Superb Mixed,** trade pkt. 50c; half pkt. 25c.

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FRUIT TREES—standards for orchards; dwarfs for gardens. **Small Fruits**—all kinds, including grapes. **Ornamental Trees, Evergreens and Shrubs**—for the embellishment of public and private grounds, of large and small extent, parks, cemeteries, etc. **Shade Trees**—for avenues and streets. **Hardy Roses**—The finest collection in this country of large two-year-old plants for immediate effect.

Hardy Plants, Climbers, etc.

Our General Catalogue, carefully revised, beautifully illustrated with half-tone engravings, contains accurate and trustworthy descriptions of the most valuable varieties in cultivation, and is replete with practical hints indispensable to planters. Although prepared at great expense, it will be sent **free** on request.

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Everything in **ORNAMENTAL TREES, SHRUBS, VINES** and **ROSES**. Large size **ELMS, MAPLES, LINDENS, POPLARS, WILLOWS, HORSE CHESTNUTS** and **CATALPAS**. **CLEMATIS PANICULATA, AMPELOPIS VEITCHII, HONEYSUCKLES, ROSES, HYBRIDS, RAMBLERS, TEA ROSES, FRUIT TREES** and **BERRIES** in great variety. **SEND FOR CATALOGUE** and **SPECIAL PRICES**.

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NEW CROP NOW READY.
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Double Sweet Alyssum.

Plant now to secure best results. Our stock has been frequently shipped and will give immediate returns. From 3-inch pots, \$1.00 per 100.

IOLEPIS GRACILIS. A valuable plant for all fancy decorations. From 2½-inch pots, \$2.00 per 100.

NATHAN SMITH & SON, Adrian, Mich.

ST. LOUIS.

Club Meeting.

The regular monthly meeting of the Florists' Club was held on Thursday afternoon, August 1, at 3 p. m. The attendance was very small, owing perhaps to the very hot weather. Vice-President Juengel opened the meeting promptly at 3 o'clock. The reports of the different committees were read and accepted. The election of officers then took place, and the following members were elected: F. J. Meinhardt, president; Frank M. Ellis, vice-president; E. Schray, secretary, and J. J. Beneke, treasurer. The three trustees elected were: R. J. Mohr, F. J. Ammann and E. W. Guy. The secretary's report showed that the average attendance during the last year was fifteen. The club had fifty members at the beginning of the year, and fifty are still members at the close of the year. Twelve essays were read during the year, which is considered good, and the members hope that the same number, or more, will be read the coming year.

The next meeting of the club will be held Thursday, September 12, at 3 o'clock, and we hope to see a large attendance, as at this meeting will be related the experiences of the different members while on their Buffalo trip.

The Market.

Trade in cut flowers is unusually quiet here even for this time of the year; local demand is very irregular, and is confined to funeral work; cut flowers of all kinds are very scarce, and one can hardly take in a good-sized order for fear of not getting the stock. All around us the hearts of the people have been gladdened with good rains, but not a drop for poor old St. Louis, and outdoor stuff is suffering badly for the want of moisture.

Notes.

We are making preparations to leave this hot town for Buffalo, the convention city, and by the time this issue is in the hands of our readers we will be enjoying ourselves with our friends "Billy" Scott and "Billy" Kasting and the rest of the Buffalo florists; so look out for us, we are coming twenty strong, and we will be ready to take everything in sight—that is, in bowling prizes.

Will Young and wife returned from a short stay at Atlantic City. Their sudden return was owing to the death of Mrs. Young's brother.

From a letter received from Max Herzog, who is abroad with his wife, we learn that they are having a very pleasant time and will have lots of news to report on their return home next month.

Mrs. M. M. Ayres was on last Friday very much overworked with funeral work; your correspondent was called upon to help out, and I think it was the largest order for one funeral ever put up in this city, and the work was all very fine. J. J. B.

POUGHKEEPSIE, N. Y.—The Dutchess County Horticultural Society will hold its annual flower show here on November 6, 7 and 8. W. B. Dinsmore offers a prize of \$50 for the best group of ornamental flowering plants, arranged for effect. Mr. C. F. Dietrich, a prize of \$50 for the best decorated dinner table laid for eight persons.

Lilium Harrisii Bulbs.

TRUE AND TRIED STOCK. Now Ready.

NOT THE CHEAPEST, BUT THE BEST.

We believe our **THREE-LEG BRAND** of Lilium Harrisii and Longiflorum to be freer from disease than any other stock from Bermuda, because we pay a bonus above the market to secure only the best. To growers wanting very early delivery, we quote as follows, in limited quantity, for immediate delivery:

5-7-inch bulbs, 400 in a box,	\$50.00 per 100;	\$5.50 per 1000.
7-9 " " " 200 "	\$100.00 "	\$11.00 "

LILIUM HARRISII AS USUALLY SOLD.

These bulbs are perfectly sound, fully up to measurement, and in all other respects appear satisfactory, and are identically the same stock offered by other houses as "selected," at much higher figures. The difference between these goods and our best grade is, these bulbs are purchased in the open market without any knowledge of the grower, whereas our **Three-Leg Brand** is grown purposely for us and selected white in flower.

5-7-inch bulbs, 400 in a case,	60c per doz.;	\$4.00 per 1000;	\$37.50 per 100.
7-9 " " " 200 "	\$1.25 "	9.00 "	85.00 "

One whole box at 700 rates.

Freesia Refracta Alba. True California Bulbs, superior for early forcing to bulbs grown in any other locality. **First Size Bulbs, \$6.00 per 1000;** 75c per 100. **Monster Bulbs, \$8.00 per 1000;** \$1.00 per 100.

Asparagus Plumosus Nanus. Strong transplanted seedlings. **\$25.00 per 1000.** **3.00 per 100.**

KENTIA SEED THAT WILL GROW.

New Crop just to hand.

Forsteriana and Belmoreana, \$4.00 per 1000. Per box, 5000 seeds, \$17.50.



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DECORATIVE PLANTS

All in healthy condition for immediate use or growing on. Prices given per doz. 100 per cent. discount at 100 rates for cash or satisfactory arrangements.

Palms, Kentias, 5 and 6-in. pots, \$10.00 to \$20.00; Lantana, 2, 4 and 5-in. pots, \$6c, \$2.00 and \$3.00; 6-in. pots, \$4.00; Phoenix Tenissimus, 3, 4, 5 and 6-in. pots, \$6c, \$1.50, \$3.00 and \$5.00; Corypha Australis, 5 and 6-in. pots, \$1.00 and \$5.00; Chamerops Excelsa, 2 and 3-in. pots, 50c and \$3.00; Se-forthia Elegans, 3 to 6 feet size, 5 and 6-in. pots, \$6.00 and \$8.00; Caryota Urens, 2-in. pots, 75c. Also Kentias.

DEACENAS, Lindenii and Messangeana 2, 3, 4 and 6-in. pots, \$1.00, \$1.50, \$3.00 and \$10.00; Fragrans, 3, 4, 5 and 6-in. pots, 75c, \$1.50, \$3.00 and \$5.00; Terminalis, 2, 3, 4 and 5-in. pots, 75c, \$1.25, \$2.50 and \$4.00; Moreana (red leaved), 4 and 5-in. pots, \$5.00 and \$8.00; Indivisa, 4 and 5-in. pots, \$2.00 and \$5.00.

Dioffenbachias 3 and 4-in. pots, \$2.00 and \$3.00; Marantas Zebrina 3 and 4-in. pots, \$1.00 and \$1.50; Kerchovya 2 and 3-in. pots, 50c and 75c; Anthurium grande, 3, 4 and 5-in. pots, 75c, \$1.50 and \$2.00; Anthericum 3 and 4-in. pots, \$1.00 and \$1.50; Zamia, 5-in., \$2.00; Pandanus Utilis, 4 and 5-in. pots, \$2.00 and \$3.00 specimen plants, 9-in. pots, \$2.50 each; Veitchii, 2, 4 and 5-in. pots, \$2.00, \$4.00 and \$7.00; Asparagus Plumosus and Sprengerii, 2½-in. pots, 50c; Calladiums, fancy leaved, 10 varieties, 3 and 4-in. pots, \$1.00 and \$1.50; Otateite Oranges, with small fruits, 5 and 6-inch pots, \$3.00 to \$10.00; Ferns, Bostoniensis, Washingtoniensis and Excelsata, 5 and 6-in. pots, \$5.00 to \$10.00, runners of the two latter, \$3.00 per 100; Lomera Giza 3, 4 and 5-in. pots, \$1.00, \$2.00 and \$3.00; Elkhorn Ferns, 3 to 5 to \$3.00; Umbrella Palms and Carex Japonica, 2-in. pots, 40c.

ROSES, "Maid and Brides, 2½-inch size, \$2.00 per 100.

N. STUDER, Anaecosta, D. C.

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AMERICAN-Grown Narcissus and Daffodil Bulbs suitable for forcing or out-door planting.

	Per 1000 Blooming	Per 1000 Not Blooming	Per 1000 First Size	Per 1000 Second
Von Sion.....	\$3.00	\$5.00	\$10.00	\$15.00
Poeticus Ornatus.....	2.50	3.00	4.50	5.00
Poeticus, Pheasant's Eye.....	1.00	2.00	2.50	3.00
Poeticus, Fleurs, Dbl. White.....	3.50	4.50	5.00	6.00
Orange Phoenix.....	4.00	6.50	9.00	11.00
Double Incomparable.....	2.00	3.00	4.50	5.00
Empress.....	15.00	11.50	13.00	15.00
Cynosure.....	2.25	3.25	4.00	4.50
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Golden Spr.....	15.00	20.00	27.50	32.50
Grande.....	15.00	20.00	25.00	30.00
Emperor.....	15.00	20.00	22.50	27.50
Henry Irving.....	15.00	21.50	27.50	32.50
Horsfield.....	16.00	18.00	20.00	22.50
Navalair.....	7.00	9.50	12.00	14.50
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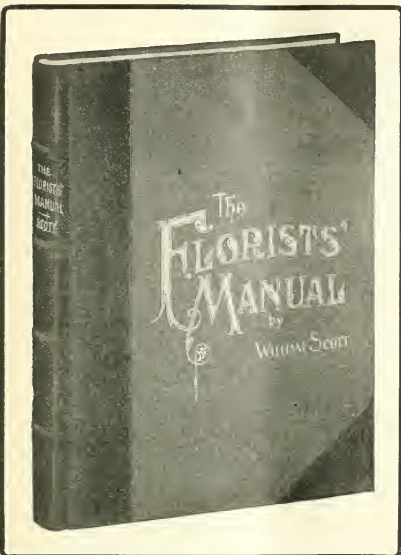
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By WILLIAM SCOTT.

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"	3	8 to 10			1.00	8.00
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"	4	18 to 20			3.00	25.00
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Kentia Belmoreana	2 1/2	8 to 9	3 to 4		1.50	12.00
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"	6	18 to 20	4 to 6		1.50	16.00
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Variety.	Size. Pot.	Height. Inches.	Character Leaves.	Each.	Price Doz.	100
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6-inch	15 in.	4	1 50

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Standard Standards. Height of stem 3 1/2 and 4 feet.

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We believe our THREE LEG BRAND of LILIUM HARRISII and LONGIFLORUM to be freer from disease than any other stock from Bermuda; we pay a bonus and secure only the best. We quote for immediate delivery, in limited quantity: 5 to 7 in. bulbs, 40c in box, \$5.50 per 100, \$50.00 per 1000; 7 to 9-in., 20c in box, \$11.00 per 100, \$100.00 per 1000.

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FREESIA REFRACTA ALBA, true California bulbs, superior and choicest grade to this grown in any other locality: First Size Bulbs, 75c per 100, \$6.00 per 1000; Monster Bulbs, \$1.00 per 100, \$10.00 per 1000.

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Lilium Harrisii, sound, clean stock.

5x7	12	100	1000
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\$8 1/2	1.50	9.00	90.00
\$9 1/2	2.00	20.00	200.00

Freesia, extra refracta alba.

3/4 to 1/2 in. list, size.....\$4.00 50 500
1/2 to 3/4 in. "Monster" mixed single Narcissus, H. H. BERGER & CO., 47 Barclay St., New York.

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American-grown NARCISSEUS and DAFFODILS, suitable for forcing or outdoor planting. The culture of the Narcissus and the Daffodil is our specialty and we grow them to perfection. Samples of material on application; we want all florists in the U. S. to try them this season. American Bulb Co., Ettrick, Chesterfield Co., Va.

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Bermuda-grown Lilium longiflorum, 5 to 7 in., \$2.50 per 100; \$20.00 per 1000. 7 to 9 in., \$4.00 per 100; \$35.00 per 1000. Our Lilium Harrisii are also in. J. M. Thorburn & Co., 36 Cortland St., New York.

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At \$5.00 per 100 for 1st size; \$3.00 per 100 for 2d size. Our plants are the finest we ever grow and are largely 1st size. We are now planting our greenhouses. Cash or C. O. D. from unknown parties.

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FIELD-GROWN CARNATIONS. 4,000 Scott, 1,000 Marquis, 4,000 Daybreak, 1,000 Ethel Crocker, 2,000 Fisher, 2,000 Godechou, 1,000 Foster, 200 Eastern Star, 1,000 Maxco, 100 Roosevelt, 1,000 Eldorado, 100 Prosperity. For prices write W. M. SIM, Cliftondale, Mass.

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ASSORTED FERNS for Jardinieres, well grown plants in 10 in. leading varieties, from 2 1/2-in. pots, \$3.00 per 100; \$25.00 per 1000.

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50,000 Boston ferns. Small plants, \$5.00 per 100; \$40.00 per 1000. Large plants, \$6.00 to \$20.00 per 100 taken from bench. Extra fine stock. Rubbers, 18-in. high, \$4.00 per doz.; 24-in. high, 6-in. pots, \$5.00 per doz. Wm. A. Beck, North Cambridge, Mass.

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FERNS. Over 500,000 of all the leading varieties ready for distribution; fine young stock. Our selection, \$3.50 per 100; \$30.00 per 1000. DREER, 714 Chestnut St., Philadelphia, Pa.

Extra nice stock of Pteris serrulata and Pteris cretica albo-lineata from 2 1/2 and 3-in. pots, \$5.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Ferns. We have at all times a nice variety of ferns in 2 1/2-in. pots, suitable for fern benches, etc., at \$3.00 per 100. H. Weston & Bro., Hempstead, N. Y.

Ferns, beautiful varieties of native and British. Elkhorn, Polyp. aureum, climbing etc., from 5 to 25 cents. B. E. Baker, Norway, Ontario.

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Boston ferns, all sizes. Ask for special trade list. BOBBINK & ATKINS, RUTHERFORD, N. J.

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One chance in a thousand to get stock of well tested novelties of 1899, 1900 and 1901. Dr. Dreppin, Jean Vland, Clyde, etc., from 2 1/2-in. and 3-in. pots. Price, \$2.50 per 100; \$25.00 per 1000. One Little Pink, for \$2.50. Also standard varieties from 3-in. in bud and bloom, for bedding and mass plantings. Marvel, Nutt, Mme. Bruant, etc., \$5.00 per 100. W. E. Hall, Clyde, Ohio.

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Table listing various rose varieties and their prices. Includes: 500 Beauties, 100 1000; 1,000 Beauties, extra fine, 2 1/2 in. 6.00 60.00; 4,000 Brides, 2 1/2 in. 2.00 18.00; 4,000 Brides, 3 in. 2.00 18.00; 4,000 Maida, 2 1/2 in. 2.00 18.00; 4,000 Maida, 3 in. 2.00 18.00; 6.00 M. Cochet, 2 1/2 in. 2.50 20.00; 6.00 M. Cochet, 3 in. 2.50 20.00; 1,000 Golden Gates, 2 1/2 in. 2.50 20.00; Clean, bushy stock. Send us your order at once. Lakeview - Rose Gardens, Janssstown, N. Y.

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Roses. Extra fine plants on their own roots for winter forcing. Brides, Maid, Meteor, Kaiserin, Golden Gate, Perle, 3-in. \$7.00 per 100; 4-in., \$9.00 per 100; Liberty, 3-in. \$6.00 per 100; 4-in., \$7.00 per 100; 4-in., \$10.00 per 100; 4-in., \$12.00 per 100; Grafted Liberty, 3-in., \$15.00 per 100. Our Liberty roses, both grafted and on their own roots, are in extra fine condition and perfectly healthy. No black spot. J. L. DILLON, Bloomsburg, Pa.

25,000 good, healthy rose plants. It is a pity to let them go. Orders of 1,000 or more get the room: Beauties, 2-in., fine stock, \$5.00 per 100. Maida, Brides, Gates, Metors, 2-in., \$35.00 per 100; 3-in., \$45.00 per 100; Perle, 2-in., \$2.00 per 100; 2 1/2 in. 1,000 rate. 500 Marquise Litta, 3-in., \$5.00 per 100; 300 Liberty, 3-in., \$3.00 per 100. Orders filled promptly. Satisfaction guaranteed. Pochlmann Bros. Co., Morton Grove, Ill.

We have a surplus of Brides and Maida in 2 1/2 in. pots which we will sell at \$20.00 per 1000. This is first class stock, grown for our own planting, and is in fine shape. We can assure a large quantity. WETTOR BROS., Wholesale Growers of Cut Flowers, 21 Wabash Av., CHICAGO, ILL.

ROSE PLANTS. Beauties, 2-in. 4.00 40.00; Bridesmaid, 3-in. pots. 6.00 60.00; Testouts, 3-in. pots. 7.00 70.00; Kaiserin, 2 1/2 in. 2.00 20.00; Fine healthy plants. Mann & Brown, Richmond, Va. New rose climbing CLOTHILDE ROUBERT. Originally by first rank, our best, most vigorous grower and profuse bloomer; perfectly hardy north. Strong field-grown plants, 2 to 2 1/2 ft. well branched. \$2.00 per 100; \$5.00 per 1000. P. J. BERCKMANS Co., Augusta, Ga.

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15000 Brides and Maida Grand stock. Big healthy plants—ready to set out by 100; \$5.00 per 100; \$20.00 per 1000. 2 1/2 in. Maida, \$3.00 per 100; \$27.50 per 1000. Plenty of 3-in. Galt at \$2.00 per 100; \$15.00 per 1000. V. H. Gullett & Sons, Inc., Ill.

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Ready for planting. Perfect stock. Brides, 3-inch. \$4.00 40.00; Maida, 3-inch. 5.00 per 100; Golden Gate, 3-inch. 5.00 per 100; Brown & Canfield, Springfield, Ill. 2000 Bridesmaid, 3-in. pots, \$3.00 per 100; 2000 Brides, 3-in. pots, \$3.00 per 100; 400 Perle, 3-in. pots, \$3.00 per 100; Cash with order. Robt. Wilmann, New Durham, N. J. For forcing. 2500 Brides and Maida, 3 1/2-in. pots, fine plants, \$5.00 per 100. Cash with order. F. Walker & Co., New Albany, Ind.

Grafted Brides and MAIDS, strong plants from 4-in. pots, \$15.00 per 100. 75 grafted LIBERTIES, 4-in., \$15.00 per 100. 75 LIBERTIES on their own roots, \$12.00 per 100. Christ Hansen, Wholesale Florist, St. Paul, Minn.

Roses, surplus stock; several hundred of each; Kaiserin, 2 1/2 in., \$2.00 per 100; Maida, Brides, 2 1/2 in., \$1.50 per 100; Perles, Golden Gate, 2 1/2 in., \$1.00 per 100. McKellar Greenhouses, Chillicothe, Ohio.

3000 fine roses to make room. Brides and Bridesmaids, from 2 1/2-inch pots only. \$3.00 and \$4.00 per 100. Cash with order. Speak quick. James Horan & Son, Florists, Bridgeport, Conn.

1000 American Beauty, 4-in. pots, \$12.00 per 100; 600 600 4-in. pots, \$7.00 per 100; \$7.00 per 1000. All fine large plants and perfectly healthy. A. L. Thorne, Flushing, N. Y.

ROSES—500 Brides, in 4-in. pots, \$5.00 per 100; 600 Bridesmaids, in 4-in. pots, \$5.00 per 100. The stock is first-class in every way. Cash with the order. M. E. Maguire, Madison, N. J.

Roses. Sunset, clean, 3-in. stuff, \$5.00 per 100. Brides and Maida, same size and price. H. A. E. Mehan, Slocum and Musgrove Sts., Germantown, Phila., Pa.

Bride and Bridesmaid, from grafted plants potted in sterilized soil, from 4-in. pots, \$3.00 per 100. Geo. L. Parker, 807 Washington St., Lancaster, Mass.

Fine, strong plants of Bride, Bridesmaid and Golden Gate roses, 2 1/2-in. pots, \$2.00 per 100; \$15.00 per 1000. Mrs. J. W. Crouch, Chattanooga, Tenn.

Roses. Bridesmaids, Brides, Golden Gate and Meteor, fine stock; to close out, \$4.00 per 100. Robert F. Tesson, West Forest Park, St. Louis, Mo.

Roses in 2 1/2-in. pots: Kaiserin Augusta Victoria, Brides and Bridesmaid, \$2.00 per 100. Cash with order. Mercer Floral Co., Trenton, N. J.

Manetti stocks. If ordered now, you will receive them early. Best at \$3.00 per 1000. Elizabeth Nursery Co., Elizabeth, N. J.

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Roses. A few hundred good plants, left from our own planting, in 3 and 3 1/2-in. pots. Write for list. Walter Stone, Gaithersburg, Md.

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Meteor, Bride and Maid roses, 3 1/2-in., \$5.00 per 100; \$45.00 per 1000. Very choice. Brant & Noe, Forest Glen, Chicago.

Roses. 500 Woottons, 1600 Perles, 700 Maida, 1500 Brides, 150 Liberties, 50 Carnots. Write Oak Hill, Pa. Ill.

Roses in large quantities. We have a bargain in Crimson Rambler, Elizabeth Nursery Co., Elizabeth, N. J.

Maida, Brides, Metors and Kaiserin, 2 1/2-in., \$2.00 per 100; 3 1/2-in., \$3.00 per 100. Kueger Bros., Toledo, Ohio.

Brides and Maida, 2 1/2-in. pots, \$4.00 per 100; \$35.00 per 1000. Rhode Island Greenhouses, Pawtucket, R. I.

2000 Perle roses, 3 1/2-in. pots, at \$5.00 per 100; \$40.00 per 1000. De Pew Bros, Nyack, N. Y.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

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Russelia multiflora and elegantissima, extra fine plants in bloom, 60c per doz.; \$4.00 per 100. Cash. A. J. Baldwin, Newark, O.

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Salvia Splendens, from pots, \$3.00 per 100. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

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PANSY SEED that comes true to description. Finest German strains. 1/2 oz. \$1.00; 1 lb. \$10.00; Bordered, large-flowered German. 1.25; Finest velvety, rich colors. 1.25; Finest pink yellow, three-spaced. 1.25; Woodbury White, best large-flowered. 1.50; Finest French plant-flowered strains. 1.00; Woodbury special mixture. 1.25; Trade packet of any of above, 50c. DAVID E. WOODBURY, Pansy Specialist, South Paris, Me. Cineraria, hybrid, dwarf, fine mixed, extra, trade pkt., 50c; Pansy, giant Mme. Perret, trade pkt., 50c; \$5.00 per oz.; Bugnot, Trimar-deau, trade pkt., 50c; Day, extra, trade pkt., 25c; English, good mixed, 50c per oz. Beaulieu, Woodhaven, N. Y.

100, 1000 Apasragus p. nanus (true sort).....\$4.65 \$6.00; Apasragus Sprengeri..... 35. 20.00; Missa ensete true sort..... 1.00 7.00; Spec. Prices on larger lots. Cyclamen Gigantum Persicum..... 100. 1000; Giant Mt. Blanc, pure white..... 40.00 47.50; White with red veins..... 75. 60.00; Bright rose..... 75. 60.00; Atro rubrum, fiery crimson..... 75. 60.00; Best mixed..... 60. 50.00; Panises. The cream of French, Scotch and German prize flowers. We furnish in any season, red, yellow, bronze, black, striped; in mixed Caesler, Bugnot, Odier, Trimar-deau, any 1000 seeds \$1.00; Primitia sinensis fibrinata seed in white, red, rose, blue, crimson; 100 seeds \$1.00; Primitia sinensis maxima; nana; 500 seeds, 25c; 3000, 1.00; Calceolaria maxima or nana; 500 seeds, 25c; finest shrubby sort; pkt., 25c. Send for our new illustrated catalogue; contains many interesting novelties. Address H. BERGER & Co., 70 Barclay, New York.

PANSIES. DO YOU WANT THE FINEST TRY THE JENNINGS STRAIN. They are all right. Now crop seed now ready. Finest mixed, by mail, 1 pkt., \$1.00; 1/2 oz., \$1.00; 1 oz., \$5.00. Separate colors, 50c. per 100. Best plants in September, \$3.00 per 1000. Cash with order. E. H. JENNINGS, L. B. 254, Southport, Conn. CIRCULAR OF THE PANSY & ANSIES.

XXX Pansy seed of finest Giants, the best of the mammoth flowering varieties, critically selected, mixed, 4000 seeds, \$1.00; half pkt., 50c. Pansy seed of finest Giants, critically selected, mixed, 600 seeds, 50c. Cineraria, best dwarf, 1000 seeds, 50c. Primitia obconica grand, 1000 seeds, 50c. Cineraria, best, 1000 seeds, \$1.00. A pkt. of the new ever-blooming forget-me-not "Constance" added to every order. John F. Rupp, Shiremanstown, Pa.

Choice strains, crop 1901. Pansy seed, superb show mix, 25c. 1/2 oz., 75c.; 1 oz., \$5.00. 25 Finest Giant varieties, trade pkt., 25c.; 1/2 oz., 45c.; 1 oz., \$2.50. Cineraria, Giant, mixed, trade pkt., 75c.; Polyantha (Cruenta hybrida), trade pkt., \$3.00. Calceolaria, Giant, Prize, superb, mixed, trade pkt., 1/2 pkt., 50c. W. C. Becker, Albany, Pa.

Pansy seed. Roemer's Superb Prize Panises, improved strains, new crop from this year ready for planting. We have a new Pansy mixture to save from the very finest selected plants of all the leading Pansy growers in Paris and Germany. Mixed, per pkt. of 500 seeds \$1.00; 1/2 oz., \$2.75; 1 oz., \$5.00; Peter Brown, Lancaster, Pa.

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Pansy seed. You want the best. Griffith & Turner Co.'s Extra Blotched, mixed, 1/2 oz., \$1.25. Giant Trimar-deau, choice mixed, 50c, 50c. Cineraria—Grand Prize, grandiflora, pkt., 25c. Grand Prize, dwarf, pkt., 25c. Griffith & Turner Co., Seedsmen, Baltimore, Md.

Zirngelbel's GIANT MARKET and BALLY pansies. New crop seed now ready. Trade packets of these celebrated strains, \$1.00 each; also separate colors, blue, red, black, white and yellow. Write Zirngelbel, Seedsmen, Mass. Kentia seed that will grow. New crop just to hand. Forsteriana and Belmoreana, \$4.00 per 1000; per box 500 seeds, \$2.00. New York Seed Co., West 14th St., New York City.

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Pansy seed, new crop; my own sowing; every possible color, shape; 1/2 oz., \$1.00 per 1/2 oz. P. Brill, Hempstead, L. I., N. Y.

Pansies—The proper strain. An extra giant mixture, 1/2 oz., 50c; 1 oz., \$2.00. Plants later. Cash. Jos. H. Cunningham, Chambersburg, Pa.

Pansies worth raising. Good seed—as usual —3 1/2 oz., \$1.00; 1 oz., \$1.00. Cash. Ch. Soltan, 199 Grand Av., Jersey City, N. J.

Wholesale price lists for florists and market growers. W. Atlas Burpee & Co., Philadelphia, Pa. Ne Plus Ultra pansy seed, \$4.00 per oz. Cash. Jos. H. Cunningham, Delaware, Ohio. Pansy seed. Giant and Pansy, mixed, \$4.00 per oz. Morria Floral Co., Morris, Ill.

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SMILAX AT ALL SEASONS. Delivered; cash with order. No. 1000. Strong roots, 3-in. diameter..... 2.50 1000. Strong roots, 2-in. diameter..... 2.00 16.50 Strong roots, 1-in. diameter..... 1.25 9.00 Violet Wincennes of Wales, \$9.00 per 1000, prepaid. Send for trade list. THEODOSIA H. SHEPHERD, Ventura-by-the-Sea, Cal.

Fine field-grown smilax, equal to 4-in. pot plants. Bench early and get 4 strings. Order quick, with cash, \$3.00 per 100. Roney Bros., West Grove, Pa.

5.00 2-in. pot Smilax plants, fine healthy plants, ready now, \$2.00 per 100; \$15.00 per 1000. Cash with order. H. F. Owen, Toughkenamon, Pa.

Smilax, good strong plants, \$1.50 per 100; \$12.00 per 1000; 500 at 1000 rate. Mount Honnes Conservatory, Chas. H. Fowler, Fishkill Village, N. Y.

Smilax, extra strong plants (seed sown in January), from 2 1/2-in. pots, \$3.00 per 100. Cash with order, please. E. Leuly, West Hoboken, N. J.

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Smilax—5000 good strong plants in 2 1/2-in. pots, \$3.00 per 100; \$25.00 per 1000. H. L. Patten, Florist, Bayshore, L. I., N. Y.

Smilax, 2 1/2-in. pots, strong and bushy, \$1.00 per 100; 1000 rate. W. G. Kraber, New Bedford, Mass.

Smilax plants from 2 1/2-in. pots, \$1.50 per 100; \$12.50 per 1000. Otto Hansch, 1056 No. 631 St., Chicago.

A few thousand good smilax plants, 2 1/2-in., \$2.00 per 100; \$20.00 per 1000. A. P. Belcher, Foxboro, Mass.

Smilax, 2-in., strong, bushy, \$1.00 per 100; \$9.00 per 1000. Cash. R. Kilbourn, Clinton, N. Y.

Smilax, 2-in., \$1.00 per 100; \$10.00 per 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2 1/2-in., \$1.25 per 100; \$10.00 per 1000. Lakewood Rose Gardens, Jamestown, N. Y.

Strong smilax, \$1.50 per 100; \$10.00 per 1000. Morris Floral, Danville, Memphis, Tenn.

Smilax—1.50 per 100; \$12.50 per 1000. Edw. J. Taylor, Southampton, Conn.

Smilax, 2 1/2-in., \$1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

Smilax, 2-in., \$1.25 per 100. Harry White, New Holland, Ind.

Smilax, 2-in., \$1.00 per 100. M. J. Coventry, Fort Scott, Kan.

For smilax, write Geo. A. Kuhl, Pekin, Ill.

VEGETABLE PLANTS.

Celery plants, Golden Heart, Paris Golden, Kalamazoo, White Plum, \$2.00 per 1000. Cabbage plants, Danish Heirloom and Succession, \$1.50 per 1000. These are fine thrifty plants. Special price on large quantities. Cauliflower, Erfurt and Snowball, fine stocky plants, 6c per 100; \$5.00 per 1000. F. H. Ebeling, Syracuse, N. Y.

Genuine transplanted celery plants, well-hardened, bushy stock, out of flats, greatly superior to plants pulled from where seed was sown. White Plum, Giant Pascal, Boston Market and others, \$2.00 per 1000; \$15.00 per 10,000. Cash, please. Write for sample and prices on large lots. R. Kilbourn, Clinton, N. Y.

Celery plants. Dwarf Golden Heart and Perfection Heartwell, field-grown, strong, healthy plants, 3000 per 1000. Cash, \$1.00 per 1000, shipped all over U. S. Cash with order, White Plum and Giant Pascal all sold. Ludwig Mosback, 8500 Anthony Ave., So. Chicago, Ill.

Pot-grown celery plants, \$5.00 per 1000; field-grown plants, \$2.00 per 1000. Write for terms on large orders. J. T. Cherry, White Hall, Ill.

Cabbage and celery plants. For varieties and prices see display adv. in this issue. R. Vincent, Jr., and White Marsh, Md.

VINCAS.

Vinca major var. fine 2-in., just what you want to plant for next spring's sales, 50c per doz. \$2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

VIOLETS.

VIOLETS. Marie Louise, specially grown for free from disease and spider. These are from cold frame; stock never forced and should turn out satisfactory if instructions are followed. \$1.00, \$2.50; per 1000, \$20.00. Cash. W. H. Thomas, Convent Station, N. J.

Marie Louise violets, strong, healthy plants, from 4-in. or 2 1/2-in. pots, \$2.50 per 100; \$30.00 per 1000. Also a few thousand well-rooted cuttings from sand at \$8.00 per 1000. Write for price list, please. C. F. Bahrst, Violet Ave., Fouchkepske, N. Y.

Princess of Wales, Campbell and La France violet plants. Strong field-grown clumps from sand struts cuttings. Ready Sept. 1. \$5.00 per 100; 500 per 1000. Albert H. Brown, Westbury, Mass.

Marie Louise violets, strong, healthy plants, \$4.00 per doz. \$25.00 per 1000. J. S. Banks, New Hamburg, Dutchess Co., N. Y. Please address orders to James Duncan, Supt.

500 imperial violet plants, 2 1/2-in., \$3.00 per 100; entire pot plants, \$5.00 per 100. W. F. Kastling, 481 Washington St., Buffalo, N. Y.

Violets, Marie Louise and Farquhar, strong, healthy plants, \$3.00 per 100; \$25.00 per 1000. Cash. Geo. H. Benedict, Yorkville, N. Y.

Violets, Farquhar and imperial; extra fine large plants, healthy and clean. To clear up quick, \$2.00 per 100; \$15.00 per 1000. Cash. H. King, Tappan, N. Y.

Marie Louise, clean and healthy in every part of year, \$25.00 per 1000. To clear up quick, August 15. Cash with order. Wm. J. Chinnick, Trenton, N. J.

Violets, La France and Princess of Wales, strong plants from open ground, \$3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Violet plants—Marie Louise, all potted, ready for pot and 1/2. Price, 75c per dozen; \$5.00 per 100. A. M. Hayes, Convent Station, N. J., Morris Co.

Violets Princess of Wales, 3-in., \$5.00; Marie Louise, 2-in., \$3.00 per 100. H. S. Hancock, Wholesale Florist, St. Paul, Minn.

10,000 Farquhar violets, 3-in. pots. Strong and healthy. J. R. Freeman, 612 13th St., N. W., Washington, D. C.

Violets. Orders booked now for field-grown imperial; this is choice stock. Crabb & Hunter, Grand Rapids, Mich.

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Field-grown violets, 5000 Lady Campbell and 10,000 Princess of Wales. Wm. Sim, Cliftondale, Mass.

Violets, strong & Underhill, Watertown, N. Y. Cash. Greene & Underhill, Watertown, N. Y.

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A FEW GOOD THINGS YOU WANT. KENTIA BELMORIANA and FORSTERIANA, and ARECA LUTESCENS. A fine lot of plants, healthy stock, clean and just the stock for growing into more money. All sizes ready to re-pot. 2 1/2-in., \$10.00; 3-in., \$18.00; 4-in., \$30.00; 5-in., \$40.00; 6-in., \$50.00 per 100.

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REX BEGONIA, 2 1/2 and 3-in., \$4.00 per 100. VIVARA GIGI, PUMPOUS FICUS, 2 1/2-in., extra, \$8.00 per 100. Cut sprays of same, 2c, 3c and 4c each.

ROSES, Erics and Bridesmaids, 3-in., \$5.00 per 100.

DECAEENA INDIVISA, A fine lot of well-grown plants, just the thing for growing on, 3 and 4-in., \$5.00 and \$10.00 per 100.

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Boston ferns, 4 and 5-in.; Asparagus Sprenger, 4-in.; Jerusalem cherry, strong 3-in. J. C. Murray, Florist, 403 Main St., Peoria, Ill.

TO EXCHANGE.

To Exchange—500 3-in. A. Sprenger, 500 2-in. smilax, 200 strong Bride and Maid roses, 3-in., for field-grown carnations, standard varieties. Fine stock guaranteed; if interested, send me price list. Chessman & Schepman, Richmond, Ind.

Wanted—Nice, thrifty, young erysanthemums, in exchange for Bride and Bridesmaid ferns in 2 1/2-in. pots. T. P. Van Der Meulen, Dunkirk, N. Y.

To Exchange—Roses and chrysanthemums for ferns. Mrs. J. W. Crouch, Chattanooga, Tenn.

WANTED.

WANTED—100 each: Passifloras, in three best varieties. 3-in., bushy plants. The McGregor Bros. Co., Springfield, Ohio. Wanted—Young plants of Papa Gontier rose. Name, size and price. The Edwards & Conard Co., West Grove, Pa.

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Star Florists' Boxes, Edwards & Docker, Mrs. J. B. and Mrs. Fifth St., Philadelphia, Pa.

Florists' Boxes, The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

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Fancy and Dagger ferns always on hand, \$1.00 per 1000; discount on large orders. Also a full line of hardy ferns, Mosses, lonicueta green, laurel festooning, etc. H. M. Robinson & Co., 38 Court St., Boston, Mass.

Dagger and Fancy ferns, 50c per 1000. Laurel festooning, \$1.00 per 500; 1/2 per yard. Crowl Fern Co., Millington, Mass.

Alabama Wild Smilax. Orders filled promptly. Agents wanted in every city. John S. Daw, Gravella, Ala.

Hardy ferns, bouquet green, etc. L. B. Bregue, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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SHEP MANURE. Best fertilizer for top dressing. Send for price list and sample. Geo. Ripperger, 307 Academy St., Long Island City, N. Y.

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Galax leaves. For latest prices bronze and green galax leaves, and Leucothoe sprays, address the introducer.

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New green GALAX shipped by express; quality good. Bronze GALAX shipped from cold storage, New York. Write for prices. J. G. Lovén, Montezuma, N. C.

Ferns and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court St., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Watertown, Mass.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. Crowl Fern Co., Millington, Mass.

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Greenhouse glass, Benjamin H. Shoemaker, 205 to 211 North Fourth-st., Philadelphia, Pa.

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Build Good Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston. Good Hose, J. G. & A. Esler, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila. Pa.

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Standard Flower Pots. For your greenhouses we are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., Incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

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Why not buy your Sphagnum Moss from first hand? We are always ready to ship on moment's notice and can save you at least 20 per cent. Prices, single bale, 75c.; 10 bale lots, \$7.50. Send for sample bale. Z. K. Jewett & Co., Sparta, Wis.

L. B. Brague, Hinsdale, Mass.

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Tendin's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 100, prepaid, for Sec. H. Thaden & Co., Atlanta, Ga.

Stemming wire, cut in boxes; size 23 to 24, 75c per box.

Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoe Bros., 225 North 9th St., Brooklyn, N. Y.

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C. A. Kuehn, 1122 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. Full line of supplies always on hand. Write for catalogue.

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Your paper is valuable and I could not do without it now.—MAX MECKES, Ashland, O.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Alfred J. Loveless, Lenox, Mass., registers Cattleya Mossiae var. Evelyn Sloane. Flower pure white with yellow blotch on lip, very faint flush of mauve color on lower portion of lip; bold flower, finely fringed; originated at Wyndhurst, Lenox, Mass.

Jackson & Perkins Co., Newark, N. Y., register climbing rose Dorothy Perkins, thought to be a cross between Wichuriana and Mme. Gabriel Luizet; rampant grower, type of Crimson Rambler; extremely hardy; foliage glossy, flower shell pink, very double, borne in clusters of 30 to 40; individual flowers 2 inches in diameter, very fragrant.

Gustav Oermeyer, Parkersburg, W. Va., registers new geranium Mrs. Gov. Jackson, a seedling of Mrs. J. M. Gaar, which it resembles in all respects of habit, foliage and freedom of bloom, differing only in color, which is a soft saffron, and having larger tubs.

Wm. J. STEWART, Sec'y.

OMAHA.

Various Notes.

The past two weeks have kept the retailers very busy indeed. The demand was principally for funeral flowers. Owing to the extreme heat a large number of people were sent to the hospitals, and large quantities of flowers with them.

The writer was often amused and sometimes annoyed at the ignorance displayed by customers who demanded flowers, during a spell of extreme heat, as good as those to be had at any other season. I find that these are the people that never buy flowers when there is a profit in them.

Prices at present are about as low as they ever get, being as follows: Roses, 50 to 75 cents per doz.; Beauties, \$1 to \$2.50; carnations, 25 to 30 cents; gladiolus, 75 cents to \$1. Sweet peas are about gone; tuberoses are in, but asters have not yet made their appearance.

All those who attended the last meeting of the Nebraska Florists' Society enjoyed themselves immensely. At the bowling competition Messrs. Hess, Henderson and Floth easily excelled. The first two named will be the only ones representing our society at the convention.

A. Donaghue, Sr., has left for a six-weeks' trip to England and will take in Buffalo on his return.

A. Donaghue, Jr., has returned from his fishing trip at Dixon's Beach, Lake Okoboji, Iowa.

S. B. Stewart and wife have also returned from a week's outing.

W. J. Hesser, of Plattsmouth, was in the city recently. SCRIBBLER.

CINCINNATI.

Various Items.

Trade conditions remain about the same as last week. There is, however, a slight increase in the number of asters coming in. A few, that are beginning to look like something, bring \$2 per 100; others from 50 cents to \$1.

Outdoor stock is considerably improved owing to the fact that the hot,

dry spell has at last been broken and we are now having weather that is all that could be desired, as to temperature. The one heavy rain that we had did a wonderful lot of good; but the ground is again very dry and a good soaking rain is much needed.

The board of public service has adopted the plans of Park Superintendent B. P. Critchell for the improvement of that piece of barren land of about five acres to the east of Eden Park and at the foot of the cliff. The improvement will consist of driveways, walks, and a lake in the center. As this spot has been an eyesore for many years the improvement will be greatly appreciated. The stretch of land on Gilbert avenue opposite Eden Park is also to be improved.

During a severe wind storm the smokestack on the establishment of George Murphy blew down, smashing in about fifteen feet of one of his houses.

Fishing in the Ohio is a favorite sport with the boys. They generally take a couple of days off with tent, lines, etc., camp out along the bank and have a good quiet rest.

Huntsman & Co. have moved from their Race street store and are now to be found on East Sixth near Walnut.

Gus Adrian will be unable to go to Buffalo for the convention. He fell into a boiler pit and sprained an ankle. It is to be hoped that his injury is not a severe one. His wife, together with a party of friends, will start for the Rainbow City this week.

Charlie Jones and wife, with a party of friends, left Saturday for Buffalo, Charlie will be in Buffalo during the convention.

E. G. Gillett left for the convention Tuesday night and R. Witter-staetter and Dock Sunderbruch Monday night. By the way, don't fail to ask Dock how he enjoyed his railroad ride.

C. J. ORMER.

DALLAS, TEXAS.

Various Items.

At last a good rain has broken the long dry spell and all nature looks fresh again. Field-grown stuff looks well considering the lack of rain; carnations were planted early, and had made a good growth, and now are strong, rugged plants; roses and other plants look fairly well. All hands are busy throwing out old carnations, whitewashing, painting and getting the houses in first-class order for the new crop, which we expect to commence planting in a week or so. We plant the early sorts first, following with the later sorts in about two weeks. Mums are looking well. Our open-house system of culture is the proper thing here, and the stock is now fast climbing up the stay strings. We expect to have some flowers, such as our old friend Theo. Bock calls "goat oons." Store business is on the dull order, but a good run of funeral work and a wedding now and then keeps the boys from getting sleepy.

Mr. Nicholson, of the Texas Seed & Floral Company, is enjoying a trip to the north; Chicago and Michigan being his objective points. He said in taking leave he was going up north to get warm, and I guess he will get there, for, judging from the daily report of the thermometer, you fellows up north are having hotter weather than we Texans.

F. A. B.

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POSTS. These are Tennessee Red Cedar and not the white or Michigan cedar. Red Cedar is a hard wood. They are the most durable. Cost a little more, but are worth more.

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Two sizes, $\frac{1}{2}$ and $\frac{3}{4}$, 40c a pound; by mail, 4c extra; 7 pounds for \$2.50; 15 pounds for \$5.00, by express.

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Yaughan's Seed Store, Chicago & New York.
Henry Mitchell, Philadelphia.
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CHAS. T. SIEBERT:—I take pleasure in expressing satisfaction in using your Zinc Glazing Points. They have outlasted all others used, therefore are better and cheaper. Their merit should result in extended sales. Sincerely yours,
THEO. F. BECKER, Florist.

CHAS. T. SIEBERT:—Please book my order for 100 lbs. of Zinc Never Rust Glazing Points. I have used 5 different kinds of points in the last 12 years, and none of them gave me satisfaction like yours. They will stay in, are easy to drive, no rights or lefts, will hold the glass in place, and do not rust away like all others I have used. Your Zinc Points are easy to take out when making repairs. I have used about 100 lbs. of your Zinc Points in the last 2 years, and I am perfectly satisfied with them.
Yours truly, F. BURKI.

CHAS. T. SIEBERT:—In our 25 years' experience in glazing points of all kinds, I can say your Zinc Points are the best to date.
CHAS. H. WILSON,
Mgr. for Grant-Wilson Floral Co.

CHAS. T. SIEBERT:—We have used the 20 lbs. of best things we have ever used for glass. If we need any more we will order from you.
Yours very truly,
W. A. HAMMOND, Florist.

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containing testimonials
of the leading growers.

**GEO. M.
GARLAND,
DES PLAINES, ILL.**

Mention The Review when you write.

HENRY W. GIBBONS CO.

(INCORPORATED.)

Manufacturers of GULF CYPRESS GREENHOUSE MATERIAL.
Builders and Designers of IRON AND WOOD GREENHOUSES.

STEAM AND HOT WATER HEATING. Write us for Prices, Plans and Expert Advice if you are going to build.
Sales Office, 136 Liberty St., NEW YORK CITY. Manufacturing and General Office, BLOOMSBURG, PA.

Mention The Review when you write.

FLORISTS' HALL ASSOCIATION OF AMERICA.

REPORT OF THE SECRETARY.

On the first day of August, 1901, the 1,020 members comprising the Florists' Hall Association of America insured an aggregate of 1,541,382 square feet of glass, as follows: single thick, 5,220,561 square feet; double thick, 7,696,162 square feet; single thick, extra one-half, 369,007 square feet; double thick, extra one-half, 800,280 square feet; single thick, extra one-half, 502,263 square feet; double thick, extra whole insurance, 2,066,228 square feet.

The receipts for the year ending August 1st, 1901, have been, from eleven assessments, \$8,298.50; from new business, as per treasurer's report, \$1,960.03; from investments, \$201; from reimbursement of glass broken by hail, \$65.77. Total receipts for the year, \$10,660.30.

The treasurer has paid \$5,285.50 for losses during the year; for amount \$1,484.80 on account of the reserve fund, \$1,000, making a total of \$7,809.34.

The cash balance on hand at the close of the year, \$9,674.49, of which \$34.45 belongs to the reserve fund, and leaving \$9,725.55 available for use in the emergency fund.

The reserve fund of the Florists' Hall Association now consists of \$7,000 invested as per treasurer's report, and \$2,725.55 cash in hand, making the total reserve fund August 1st, 1901, \$9,725.55.

Glass belonging to members to the extent of 42,218 square feet of single thick and 28,374 square feet of double thick was broken by hail during the past year and paid for by the Florists' Hall Association.

Since the first day of June, 1887, the Florists' Hall Association has paid 134 losses, involving an expenditure of over \$16,000.

The secretary especially requests that members furnish him with information concerning all hailstorms in their vicinity, whether they are personally interested or not, as such information will materially assist in the compilation of statistics.

Your secretary is also pleased to report that the Florists' Hall Association is now exempt from internal revenue taxation. He also requests that members use greater care in making proofs of loss. The Florists' Hall Association is especially prompt when proofs are properly prepared, but inaccuracies cause delay in the payment of claims.

The usual increase in business has been maintained during the past year, which can be considered a manifestation of continued confidence on the part not only of the members, but of the trade at large.

JOHN G. ESLER, Secretary.

REPORT OF TREASURER.

RECEIPTS.

Interest on Certificates of Deposit	\$ 96.00
Interest on Government Bond	15.00
Interest on Chicago Bond	30.49
Interest on Orvil Township Bond	6.00
Interest on Tri-State Certificate	110.00
Received from Investments	\$ 2,286.50
Received from Membership Fees	728.58
Received from New Assessments	487.27
Received from Additional Assessments	27.01
Received from Extra One-half Assessments	74.20
Received from Extra Whole Assessments	208.27
Received from Re-insurance	65.77
Total	\$ 10,660.30

DISBURSEMENTS—Losses.

Aug. 2, 1900. Arthur R. Williams, Rochester, Minn.	\$ 53.80
Aug. 2. Ed. Quinn, Springfield, Mo.	124.29
Aug. 10. J. O. Zimmerman, Pueblo, Colo.	38.52
Aug. 27. Landoe Mushroom Co., Lansdale, Pa.	84.95
Aug. 27. Luis Zadini, South Omaha, Neb.	4.00
Sept. 1. Amos N. Rohrer, Strasburg, Pa.	10.70
Sept. 1. Mrs. Margaret Ballard, Perry, Ia.	19.95
Sept. 1. B. Hias Omaha, Neb.	37.87
Sept. 11. Mrs. S. H. Gasley, Abilene, Kan.	3.20
Sept. 11. Brewster & Williams, Grand Island, Neb.	37.00
Sept. 11. Frank Burtmeier, Hannibal, Ill.	5.15
Sept. 11. H. M. Mumfey, Frankfort, Ind.	9.85
Sept. 11. Wm. Murphy, Cincinnati, O.	7.53
Sept. 11. H. 40 Sawyer, St. Paul, Minn.	27.00
Sept. 22. E. Corbin, Grand Island, Neb.	3.66
Sept. 22. Peterson Bros., Omaha, Neb.	16.10
Sept. 26. Wm. Purvold, St. Paul, Minn.	33.61
Dec. 5. F. G. Francke, St. Paul, Minn.	4.48
Dec. 5. C. Bussjaeger, St. Paul, Minn.	3.92
Apr. 2, 1901. Mrs. H. Stauffer, Pueblo, Colo.	17.43
June 2. John M. Walters, St. Louis, Mo.	119.96
June 4. Mrs. Cal. Richardson, Waverly, Ill.	102.62
June 4. J. W. Margrave & Co., Hiawatha, Kan.	8.25
June 8. Samuel Manitz, Dubuque, Ia.	16.25
June 8. Charles A. Juengel, St. Louis, Mo.	12.70
June 8. Bell Miller, Springfield, Ill.	453.45
June 8. Southwestern Florist Co., St. Louis, Mo.	25.70
June 1. Robert McPherson, Litchfield, Ill.	6.50
June 15. Andrew Meyers, St. Louis, Mo.	9.20
June 15. Frank Shaffer, Puna, H. I.	62.72
June 15. Henry Johann, Collinsville, Ill.	11.40
June 15. Raymond Miller, Abilene, Kan.	12.30
June 17. Fred McE, St. Louis, Mo.	35.17
June 17. Brown & Canfield, Springfield, Ill.	158.38
June 17. Fred Berning, St. Louis, Mo.	50.98
June 17. Joseph H. Smith, St. Louis, Mo.	2.00
June 17. W. H. Kruse, St. Louis, Mo.	7.00
June 17. F. J. Windt, St. Louis, Mo.	26.90
June 21. W. H. Bearing, Colby, Colo.	41.53
June 21. Hays & Marsh, Wichita, Kan.	25.99
June 24. W. J. Hesser, Plattsmouth, Neb.	51.44
June 27. Isaac Miles, Oshkosh, Wis.	109.64
June 27. C. E. Carlines, Wadsworth, O.	62.74
June 27. Henry Meyer, Council Bluffs, Ia.	54.68
June 27. J. F. Wilcox, Council Bluffs, Ia.	1,216.12
June 27. C. J. Thomas, Pueblo, Colo.	62.74
June 27. James Frost, Greenville, O.	187.60
June 27. C. E. Fuchs, Minneapolis, Minn.	228.56
June 27. C. E. Fuchs, Minneapolis, Minn.	82.09
June 27. Henry Bachman, Minneapolis, Minn.	266.84
June 27. Nelson H. Reeves, Minneapolis, Minn.	14.98
June 28. E. G. Donley, Pueblo, Colo.	101.29
July 5. J. Baldwin, Lafayette, Ind.	6.85
July 5. Jacob Hartman, Manager, Minneapolis, Minn.	21.78
July 5. Mrs. A. S. Barrett, Pueblo, Colo.	10.78
July 5. Mrs. J. A. Heite, Merriam, Kan.	169.26
July 5. Jacob Tobler, Kansas City, Mo.	17.28
July 5. Newton Lumber Company, Pueblo, Colo.	61.05
July 5. Thomas Hicks, Pueblo, Colo.	70.25
July 5. Nelson Jarrett, Drakeonore, Mo.	24.20
July 5. Richard Forrest, Washington, Pa.	19.20
July 5. W. J. Barnes, Kansas City, Mo.	43.31
July 5. Alfred Patrick, Auburn, N. Y.	46.40
July 5. Henry Kingston, Council Bluffs, Ia.	13.00
July 5. M. A. Hunt, Fire, Terre Haute, Ind.	69.42
July 5. Chas. Laundry, Westport, Mo.	24.78
July 9. Warrendale Floral Co., St. Paul, Minn.	32.52

July 9. W. S. Ritter, Lincoln, Ill.	\$ 166.32
July 9. J. C. Zimmerman, Pueblo, Colo.	40.04
July 9. J. B. Canfield, Kansas City, Mo.	46.62
July 12. John Monson, Minneapolis, Minn.	46.62
July 12. J. L. O'Quinn, Raleigh, N. C.	22.87
July 12. J. W. Hayward, St. Paul, Minn.	16.81
July 12. L. M. Lay & Co., St. Paul, Minn.	32.69
July 15. Mrs. Fred Pfister, Oshkosh, Wis.	6.70
July 15. Dr. O. Marx, Westport, Mo.	15.62
July 15. Carl Armbruster, Auburn, N. Y.	41.18
July 18. Anchorage Rose Co., Anchorage, Ky.	11.64
July 18. Chas. Raynor, Anchorage, Ky.	23.05
July 21. Isaac Lyster, Tacony, Ky.	23.05
July 21. Mrs. A. Sauer, Rosedale, Kan.	23.45
July 21. Edward Bunyar, Rosedale, Kan.	65.15
Total	\$ 2,286.55

EXPENSES AND INVESTMENTS.

Aug. 10, 1900. Gardening Co., advertising.	\$ 6.00
Sept. 1. C. B. Weathered, advertising N. Y. souvenir.	12.60
Sept. 7. Lancaster Trust Co., certificate of deposit for investment.	1,000.00
Sept. 11. A. T. De La Mare, printing reports.	16.25
Sept. 13. American Florist, advertisement.	10.00
Sept. 26. A. T. De La Mare, printing blanks, etc.	12.01
Oct. 23. A. T. De La Mare, printing notices, etc.	21.26
Nov. 24. Lancaster Trust Co., box rent.	5.00
Dec. 5. American Florist, check book.	18.98
Dec. 5. N. Y. Envelope Co., envelope.	6.18
Jan. 1, 1901. A. T. De La Mare, printing envelopes.	4.65
Jan. 1. J. G. Esler, part salary.	10.00
Jan. 1. Lancaster Trust Co., check book.	20.00
Feb. 18. John G. Esler, postage and revenue stamps.	31.54
Feb. 18. John G. Esler, postage and revenue stamps and express to Washington.	18.10
Feb. 18. John G. Esler, revenue stamps.	45.00
Feb. 20. A. T. De La Mare, printing stationery.	3.00
Feb. 20. P. J. Faesig, printing stationery.	2.75
April 11. P. J. Faesig, printing stationery.	3.60
April 11. A. T. De La Mare, printing stationery.	2.50
April 11. A. T. De La Mare, printing stationery.	4.00
June 15. A. T. De La Mare, printing stationery.	15.75
June 27. Florists' Publishing Co., advertising.	15.00
June 27. American Gardening, advertising.	7.50
July 5. Florists' Exchange, advertising.	15.00
July 5. American Florist, advertising.	15.00
July 5. Gardening Co., advertising.	15.00
July 5. John Esler, postage and revenue.	7.92
July 12. Dan B. Long, advertising in Buffalo souvenir.	20.73
July 12. Albert M. Herr, balance of salary.	108.00
July 12. J. C. Vaughan, salary.	188.00
July 12. John G. Esler, balance of salary.	470.00
July 12. J. C. Vaughan, postage for the year.	4.00
July 12. A. M. Herr, postage for the year.	20.37
Total	\$ 2,489.79

RECAPITULATION.

Albert M. Herr, Treasurer, in Account with the Florists' Hall Association of America.

To balance on hand, Aug. 1, 1900.	\$ 6,822.44	Dr.
To total receipts for year ending Aug. 1, 1901.	10,660.30	Cr.
By losses paid for year ending Aug. 1, 1901.	5,285.55	
By expenses paid for year ending Aug. 1, 1901.	1,489.79	
By investment on account of reserve fund.	1,000.00	
By balance.	9,674.49	
	\$ 17,482.74	\$ 17,482.74

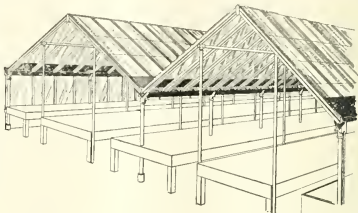
RESERVE FUND INVESTMENTS OF Florists' Hall Association of America.

Certificates of deposit with Lancaster Trust Co.	\$ 4,000.00
Tri-State Certificate	2,200.00
Chicago Bond, par value	500.00
U. S. Government Bond, par value	500.00
Orvil Township, N. J., Bonds	1,000.00
Total	\$ 7,600.00

ALBERT M. HERR, Treasurer.

THE STANDARD Duplex Metal Gutters.

A Common Sense Gutter in all its details. Built of the best and strongest material manufactured. The best combination for strength, durability and neatness that wood and iron can complete. No drip from either underside of the gutter or any part of the house. Only 8 inches of shade. No sash bars are butted against the gutter, thus retaining the moisture and causing early decay. No ledges to retain water. No wires to hold the sash bars against the gutter. Only 5 joints in 100-foot length. Only 16 posts in same length. Will last a life-time. Ask your leading architects and they will tell you the same.



THE STANDARD VENTILATING MACHINERY.

They are made to fill all wants for Greenhouses, Factories, Foundries, etc. In sectional or solid posts, with slow and rapid motion. All fitted in the best workmanship order. No accidents. Always reliable and warranted for 10 years. Will last a life-time. Made mostly of malleable iron.

SEND FOR CATALOGUE OF
GUTTERS,
VENTILATING MACHINERY,
AND THE BEST
MALLEABLE IRON HINGES
MADE.....

E. HIPPARD, Youngstown, O.

Mention The Review when you write.

THADEN'S WIRE TENDRIL.



Adapted to horizontal wires as well as stakes for Roses, Carnations, Chrysanthemums, etc.

We claim that the tendril does not crowd the plant, but holds it firmly and with freedom. Does not mutilate the foliage. Harbors no insects. Makes the plant come to a straight stem. Admits of free circulation of air. Requires no skilled labor to place properly. Can be moved up or down the stakes. Easily put on and easily taken off, and are durable. Sample package of 100 prepaid for 50 cents.

H. THADEN & CO.,
Florists and Seedsmen,
23 South Broad Street, ATLANTA, GA.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Mention The Review when you write.

Our old customers can tell you about our Greenhouse material. There are probably several in your vicinity. Write us about it and we will tell you who are nearest to you. We rest our reputation upon the work we have already done. Ask the owner about the lasting quality of our Cypress. Ask him if he wasn't perfectly satisfied with our material and our workmanship. Our large number of satisfied customers is our strongest endorsement.
IT PAYS TO PAY FOR QUALITY.



Mention The Review when you write.

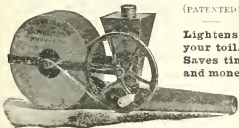
Twemlow's Old English Glazing Putty Semi-Liquid

Made only in America by HAMMOND'S PAINT AND SLUG SHOT WORKS, Fishkill-on-Hudson, N. Y.

Mention The Review when you write.

The Peerless Powder Blower.

EVERY GROWER SHOULD HAVE ONE.



(PATENTED)

Lightens your toil.
Saves time and money.

Distributes equally well SULPHUR, LIME, SLUG SHOT, TOBACCO DUST, PARIS GREEN, ETC.

A few extracts from Testimonials:

"A great improvement over the bellows."—Emil Buetner, Park Ridge, Ill.

"We are much pleased with your Powder Blower."—John N. May, Summit, N. J.

"Can sulphur a house 20x100 ft. in less than three minutes."—Chas. Schweigert, Niles Center, Ill.

"Its work is rapid and perfect; predict its universal use."—Eliant & Nee, Forest Glen, Ill.

"Best thing we ever had to apply sulphur in greenhouses."—Geo. Wittbold, Chicago.

Price \$4.00 F. O. B. Chicago.

EDW. E. McMORRAN & CO.

Manufacturers,

18-21 N. CLINTON ST., CHICAGO, ILL.

Mention The Review when you write.



WILKS HOT WATER HEATERS.

Best made for GREENHOUSES. SELF-FEEDING MAGAZINE.

All Steel. Simple, Strong, Durable. Send for Catalog, etc.

S. WILKS MANFG. CO. 53, 55 S. Clinton St. CHICAGO.

Mention The Review when you write.



Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue, Quaker City Machine Works, RICHMOND, IND.

Mention The Review when you write.

BEST AND CHEAPEST

ALL-ROUND INSECTICIDE on the Market.



For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

Mention The Review when you write.

GEORGE RIPPERGER, SHEEP MANURE

I have now on hand a large quantity of All Sheep Manure. Send for Price List and Sample.

Best Fertilizer for Top Dressing.

Office, 207 Academy St. Factory, Seventh St. LONG ISLAND CITY.

Mention The Review when you write.

Highest Award.

BURNHAM BOILERS were given the only certificate of merit, highest award at the Society of American Florists' Convention, Buffalo, 1901.

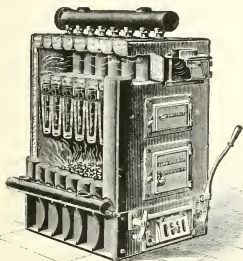
Report of Judges—Points of Excellence:

Easy way of cleaning, good draft, large combustion chamber, simplicity of construction, general adaptability for greenhouse heating.

Award: Certificate of Merit.

Signed Wm. W. Edgar, Wm. Bester, Judges.

See LORD & BURNHAM CO.'S Adv. on back page of this paper.



"INVINCIBLE."

Mention The Review when you write.

...THE... SCOLLY BOILER FOR GREENHOUSE HEATING, ETC. Hot Water or Steam.

FARMINGTON, CONN., March 9, 1896 "The Invincible Boiler you placed in my carnation houses has given great satisfaction. I did not have to run the boiler hard even when the thermometer stood 15 deg. below zero. It has proved invincible in every respect." HUGH CHESNEY, Florist."

SEND STAMP FOR CATALOGUE AND PRICE LIST. Estimates Cheerfully Given.

JOHN A. SCOLLY, 76 and 78 Myrtle Ave., BROOKLYN, N. Y.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



WHILLDIN POTTERY CO. JERSEY CITY LONG ISLAND CITY PHILADELPHIA

Mention The Review when you write.



HITCHINGS & CO. 233 MERCER STREET, NEW YORK. GREENHOUSE BUILDING. VENTILATING APPARATUS. HOT WATER BOILERS, PIPES AND FITTINGS. SEND FOUR CENTS FOR CATALOGUE.

Always mention the Florists' Review when writing advertisers.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY THE FLORISTS' PUBLISHING CO. 520-535 Caxton Building, 334 Dearborn Street, Chicago.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$15; full page, \$30. Discounts: 5 times, 6 per cent; 13 times, 10 per cent; 25 times, 20 per cent; 50 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class. This paper is a member of the Chicago Trade Press Association.

The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISEMENTS

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

Table listing various florists and their addresses, including American Bulb Co., American Rose Co., Amilug, E. C., Barnard, W. W. & Co., Bassett & Washburn, Beckert, W. C., Beulby & Co., P. J., Berger, H. H. & Co., Berning, H. G., Berman, W. R., Bobbink & Atkins, Brazier, L. B., Brant & Noe, Brill, F., Bruehlhoff & Barnett, Engraving Co., Buckbee, H. W., Buckley Plant Co., Builong, J. A., Burpee, W. Atlee & Co., Caldwell The Woodsman, Chicago Façade Farms, Cincinnati Cut Flowers, Clark Bros., Charles Adler, Clippner Lawn Mower Co., Cline & Boddington, Coffish, J. W., Cottage Gardens, Crabb & Hunter, Crowl Fern Co., Cunningham, Jos. H., Daw, J. S., De Smet Freres, Biersch, A. & Co., Dillon, J. L., Dodge, W. W., Douglas Sons, Douglas Sons, R., Dreyer, H. A., Dutton, Clas. S., Eichholz, H., E. F. M., Elizabeth Nursery, Elmiger & Barry, Esler, John G. Sec'y, Finley Lawn Rake Co., Garland, Geo. M., Gibbons Co., H. W., Gild & Co., Greene & Underhill, Gullett, W. H. & Sons, Hall, W. F., Hammond, Benj., Hancock, Geo. & Son, Hansen, Otto, Heckock, Jos., Heisel, J. B., Hill Co., E. G., Hippard, E., Hitchiters & Co., Hurler, E. H., Iroo Bros., Jackson, E. B., Jackson & Perkins, Johnson, W. C., Kastner, W. F., Kay Co., W. H.



THE BEST.



For other styles of Letters, Emblems and Designs, send for catalogue. Before purchasing send for free sample and catalogue, and compare with any other letter on the market.

USE W. C. KRICK'S FLORISTS' IMMORTELLE LETTERS, Etc. Medal awarded at the World's Fair and highest award wherever exhibited. These Letters and Designs are made of the best immortelle wire on wood or metal frames, having hooks drilled in them to insert toothpicks, by which they are fastened in the design. Give them a trial. You will find these goods to be superior to any in the market and cost \$2.50 per 100. Postage 15 cents per 100.

THE PERFECT FLOWER POT HANDLE AND HANGER.

Is used for lifting plants out of flower-pot, and also for hanging up plants for decorations on walls, etc. Will sustain a weight of 100 lbs. No. 1 will fit from 2 to 3-in. pots, per doz. 30c. No. 2 will fit from 3 to 4-in. pots, per doz. 40c. No. 3 will fit from 4 to 7-in. pots, per doz. 50c. Postage, 15c extra per doz. Sample pair, 10c postpaid.

W. C. KRICK, 1287 Bro. way, Brooklyn, N. Y. Exhibit at the Pan-American. Mention The Review when you write.

MASTICA

For Glazing Greenhouses. Proven superior for its durability. Easier to apply and stays on. Endorsed by prominent florists. Send for descriptive circular of Mastica and Mastica Glazing Machines. F. O. PIERCE CO., Sole Manufacturers, 170 Fulton St., New York.

CLARK BROTHERS, Paper Seed Bags

Manufacturers and Printers of every description of paper seed bags. 61 Ann Street, NEW YORK. Mention The Review when you write.

Advertisement for 'Holds Glass Firmly' featuring a product image and text: 'See the Point #2', 'The Van Hypper Perfect Glazing Points are the best. No rights or infra. Box of 100 points 5 cents, postpaid. H. A. DREER, 114 Chestnut St., Phila., Pa.'

Advertisement for 'HITCHINGS & CO. GREENHOUSE BUILDERS' featuring a product image and text: '233 MERCER ST., NEW YORK. Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus. Send Four Cents for Catalogue. Mention The Review when you write.'

NOTICE!

The Model Plant Stake Co., of 226 No. 9th St., Brooklyn, N. Y., has removed to 430 Kent Avenue, Brooklyn, N. Y., and is NOW The Parker-Bruen Mfg. Co.

The Model Extension Carnation Support.

Galvanized Steel Rose Stakes. Pot Hangers, Pant Stakes and Tomato Supports.



FLATBUSH, BROOKLYN, N. Y., Feb. 18, '97. MR. THEORON PARKER, Dear Sir: You were stake is certainly a gem. Without hesitation I would place it as an up-to-date Car lion support. Yours truly, DAVIDLEUZE BROS.

W. HOPKIN, N. J., Feb. 18, '97. MR. THEORON PARKER, Brooklyn, N. Y.

Dear Sir: I give me much pleasure to congratulate you upon your success in getting up Car lion Supports. I think that the one I have had run you are about as perfect as anybody will be able to make them. They certainly fill my bill for an ideal carnation support, and I have been looking for a long time. Wish you every success in the sale of them, I am, Yours truly, E. ASMUS.

Write for Prices and Descriptive Circular.

THE PARKER-BRUEN MFG CO., Formerly Model Plant Stake Co., MODEL PLANT STAKES, Theoron Parker, Mfg., Inventor and Patente, 430 Kent Ave., (Removed from 226 N. 9th St.) Brooklyn, N. Y. Mention THE REVIEW when you write.

Advertisement for 'NIKOREEN' featuring a product image and text: 'IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE'. 'DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS. OF TOBACCO IN ONE PINT OF NIKOREEN SOLD BY SEEDSMEN - CIRCULAR FREE - SKABURA DIP CO. CHICAGO. Kill and save the blood! QUICKLY DOES IT.'

MENTION THE REVIEW WHEN YOU WRITE. YOU NEED IT. SEND FOR CIRCULAR. Finley Lawn Rake Co. JOLIET, ILL. Mention The Review when you write.

Advertisement for 'HITCHINGS & CO. GREENHOUSE BUILDERS' featuring a product image and text: '233 MERCER ST., NEW YORK. Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus. Send Four Cents for Catalogue. Mention The Review when you write.'

Order Your Boiler Now

**JACK FROST WILL BE HERE
BEFORE YOU KNOW IT.**

If you will let us know how much space you want to heat we will give you lowest price on a

GENUINE KROESCHELL BOILER for your purpose.

PIERCEVILLE, VA., December 5, 1899.
KROESCHELL BROS. Co.: I write to state that the No. 12 Boiler we bought of you last summer is taking care of 30,000 feet of glass with great ease. Last night the temperature outside stood at 20 degrees with the wind blowing a gale, but the night fireman maintained an even temperature with but very little draught, and I believe it will give us all the heat we need in the coldest weather. **The boiler is all and more than you claim for it and is entirely satisfactory in every respect.**
A. B. DAVIS & SONS.

A. B. DAVIS, MET.

CHICAGO, ILL., April 13, 1900.
KROESCHELL BROS. Co. Your Greenhouse Hot Water Boiler No. 3 is beyond question the **best boiler made.** It is taking care of 2,250 feet of 4-inch pipe with ease and I am going to build this season another house 18x112 which I expect to heat with the same boiler. There are a number of different kinds of boilers made and we have had some of them in use, but **they will not do the work your boiler does.** Should any florists want information as to what your boilers will do, please send them to me.

FRANK J. FINK.

BOWMANVILLE, ILL.,
April 10, 1900.
KROESCHELL BROS. Co. The boiler I bought of you is supplying 11,000 feet of 4-inch pipe and would easily supply 12,000 feet. It heats a section of five houses or 35,000 feet of glass, 60 deg. or more if needed, and **I have found the boiler perfectly satisfactory in every respect.**
H. BAUSKE.

READ WHAT SOME WELL-KNOWN FLORISTS SAY ABOUT THE KROESCHELL BOILER

CHICAGO, ILL.,
April 13, 1900.
KROESCHELL BROS. Co. I can say that the two No. 12 Boilers we purchased of you last year **proved very satisfactory** indeed, heating our rose section of 50,000 square ft. easily. What would another boiler cost, only built 2 ft. longer, for delivery this fall? An early reply will oblige.
WELAND & RUSCH.

MILWAUKEE, WIS., April 11, 1900.
KROESCHELL BROS. Co.: We did not get the No. 6 Boiler we ordered of you; you could not make it on account of the strike in your shop. Am very sorry we did not get it, as **yours are the best boilers made.** We have one No. 5, bought almost five years ago, and we heat four houses 12x150 feet with it, or almost 3,200 feet of 4-inch pipe. When we are in need of another boiler we shall buy yours.
A. G. BURMEISTER Co.

A. G. BURMEISTER Co.

CHICAGO, ILL., April 11, 1900.
KROESCHELL BROS. Co. In reply to your inquiry I would say that the last boiler you sold to us is giving the same uniform satisfaction afforded by the other three, **purchased 3 years ago.** Your boilers seem built for the purpose of causing water to boil, with economy in the use of coal. As our Mr. Louis M. Noe, of Madison, N. J., has this week placed an order for one of your No. 11 Boilers, further comment is unnecessary.
BRANT & NOE.

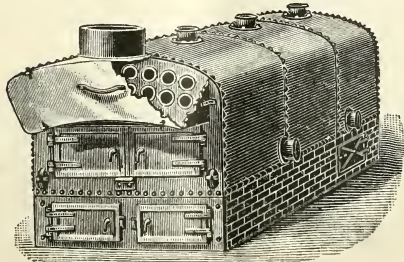
BRANT & NOE.

KROESCHELL BROS. CO.

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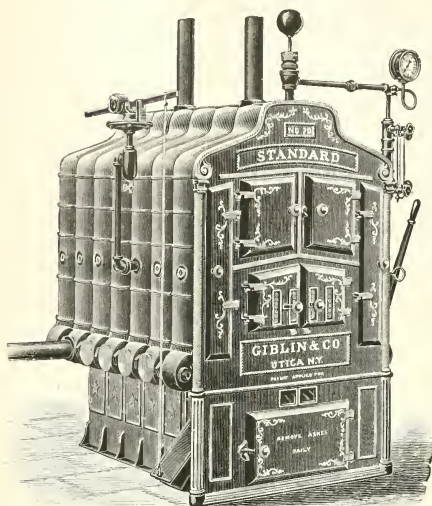
**Greenhouse
Boiler,**

51 Erie St., CHICAGO.



Boilers are made of the best of material. Shell, firebox sheets and heads of steel, water space all around (front, sides and back.) Write for information.

PEACE OF MIND



is not generally included in the cost of the heating apparatus, yet every florist knows how valuable it is to him to have an apparatus that he can arrange

IN THE EVENING

and know it will carry with a certainty the proper temperature until morning. This is

ONE OF THE FEATURES

of our boilers, as is fully

EXPLAINED BY THE

following letter:

W. D. SNELL, Newville, Herkimer Co., N. Y., Jan. 2d, 1901, says: I wish to express my thorough satisfaction with the No. 70 Standard Sectional steam boiler which I placed in my greenhouses early in December last year. I have three houses, 38x65, located side by side, with glass in roofs and gables. The houses are built of glass and wood and contain in all about 5,000 square feet of glass surface. I have in use about 2,000 feet one-inch pipe, or about 700 square feet of radiation. I carry a temperature of about 60 degrees at night, but have had no difficulty in getting any higher temperature desired. I find that the boiler will run ten hours without attention. I attend to it about nine o'clock at night and it will run with no further attention until seven o'clock in the morning. The draft I have is not a good one, yet notwithstanding this objection, I have no difficulty in getting the fire up and getting as much steam as I desire. I can thoroughly recommend the boiler and will be glad to have you refer to me anyone that wants further information."

Send for our
Greenhouse Catalog.

We can name price delivered at any railroad station in the United States, and special price is given where our boilers are not used.

GIBLIN & CO., UTICA, N. Y.

Mention The Review when you write.

**TO THE PAN AMERICAN
EXPOSITION
AND
NIAGARA
FALLS.**



THE WABASH
Has its own rails
and is the short-
est line to
**BUFFALO
AND THE
FALLS.**

Stop-overs given
at both points on
all tickets.

For Descriptive Matter, Rates, etc., call on nearest
Ticket Agent, or address
C. S. CHASE, G. F. and T. A. - ST. LOUIS,
or F. A. PALMER, A. G. F. A. - CHICAGO.

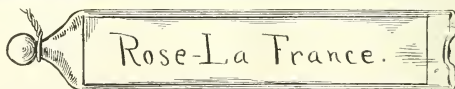
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A very select quality. 75c per bale;
10 bales, \$6.00. Grown and packed by:

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Write for prices on car lots.

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"Everlasting Label"

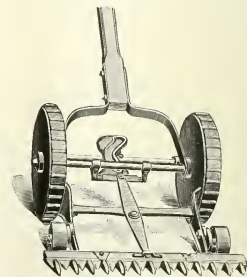
and other leading florists. In use in public parks of Chicago, St. Paul, "White House" Conservatory (Washington) and elsewhere. Write for sample to patentee and manufacturer.

W. W. DODGE, Burlington, Iowa.

Mention The Review when you write.

**WILLIAM H. KAY COMPANY,
HORTICULTURAL
ARCHITECTS
AND BUILDERS,
STEAM AND HOT WATER
HEATING
ENGINEERS,
GREENHOUSE MATERIAL
OF
EVERY
DESCRIPTION.
42 DEY STREET,
NEW YORK.**

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The Mower That will kill all the weeds in your lawns if you keep the weeds cut so they do not go to seed and cut your grass without breaking the small levelers of roots; the grass will become thick and weeds will disappear. The **Clipper** will do it. Send for catalogue and prices. **CLIPPER LAWN MOWER CO., Norristown, Pa.**

Mention The Review when you write.

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PRESSROOMS.....

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CATALOGUES.**

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SLEEP

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BINDERY TO BE FOUND
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Horticultural Building in the New York Botanical Garden, Bronx Park, New York City,
Designed by LORD & BURNHAM CO.

This building has been erected with our patented construction in accordance with plans, details and specifications furnished by us and under our superintendence. When the final wings are added in accordance with our original design it will be the most important Horticultural Building in the world.



Horticultural Architects and Builders

AND MANUFACTURERS OF
HEATING AND VENTILATING APPARATUS.

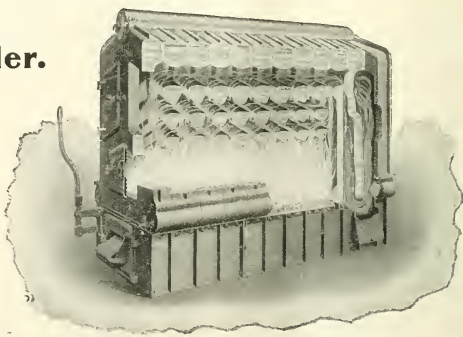
New Sectional Hot Water Boiler.

HIGHEST AWARD
at Florists' Convention,
New York, 1900.

FOR LARGE OR SMALL RANGES.
HIGHEST ECONOMY.
MODERATE COST.

Greenhouses and Conservatories
erected complete with our
Patent Iron Con-
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Plans and Estimates on applica-
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ready for erection.



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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, AUGUST 15, 1901.

No. 194.

Lilium Harrisii

JUST arrived in fine condition, ready for delivery. Prices on all Bulbs, Tubers, Plants and Roots cheerfully given by sending your list of wants to

F. W. O. SCHMITZ, JERSEY CITY, N. J.



OUR SUPERIOR BRAND ENGLISH Mushroom Spawn

Just received in perfect condition.
25 lbs., \$1.75; 100 lbs., \$6.00; 1000 lbs., \$55.00.
250 lbs. and over at 1000 rate.

This Spawn is used by many of the largest growers of mushrooms. A book on mushroom culture will be sent free with every order.
A TESTIMONIAL: "Your Spawn gave perfect satisfaction, though in the hands of a beginner."

HENRY F. MICHELL,
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ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.

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READY NOW! CALLAS, all sizes. FREESIAS, Bermuda Grown, HARRISII.

SPECIAL Price List of FALL BULBS sent on request.

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Barnard's Florist Mixture.

A high class, up-to-date mixture that fills the bill "par excellence"—made up from the leading colors, producing flowers of the most perfect type. IT GIVES YOU PANSIES THAT SELL.

Trade pkt 25c; 1/2 oz. \$1; 3/4 oz. \$4; per oz. \$7
Giant Mixture, trade pkt. 25c; 1/2 oz. 50c; per oz. \$4

Primula,
Cineraria,
Calceolaria,

Trade Packet, 50c.

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PINK GOLDEN GATE

(See our half-page adv. in previous issue.)

AMERICAN ROSE CO., Washington, D. C.

is offered by several good growers and by ourselves at \$2.00 per 100. Try a hundred of their plants or ours so you will buy

White Golden Gate

IN APRIL, 1902.

THE ONLY EXHIBIT

of Florists' Supplies that received SPECIAL MENTION at the **Buffalo Convention** was our grand display of **UP-TO-DATE NOVELTIES.**

Don't Fail to see what we have before placing your Fall Orders.

"Nuf Said."

M. RICE & CO.

Leading Florists' Supply House.

918 Filbert Street, PHILADELPHIA, PA.

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Mention The Review when you write.

Thorburn's BULBS

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J. M. THORBURN & CO.
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NEW AND OLD VARIETIES.

A large stock of young thrifty plants throughout August. Our selection—all good varieties—\$2.50 per 100. Those wishing special varieties please send for descriptive catalogue.

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A few hundred good plants from 3 and 3½-inch pots left from our own planting. Write for varieties and prices.

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Field-grown plants for latter part of August and September delivery. Prices and varieties upon application.

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Coleus, 2-in., \$1.00
Asparagus Sprengeri, seedlings, \$1.00
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LIL. HARRISH. Sound Clean Stock.
12 100 1000
5x7 \$9.00 \$4.25 \$10.00
Special prices on larger lots
9x11 3.00 20.00
FRENIA extra refracta alba.
5x to 6½-in. 1st size 40 3.00
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Asparagus Pl. Nanus (true soft) 35 6.00
Sprengeri 35 2.00
Musa Ensete (true soft) 1.00 7.00
Special prices on larger lots

**Sow NOW! This is the time for FRESH Cyclamen Giganteum Persicum, 100 10.00
Giant Mont Blanc, pure white, \$0.85 \$7.00
White with red eye 75 6.00
Bright rose 75 6.00
Auro rubrum, fiery crimson 75 6.00
Best mixed 400 3.00**

PANSIES. The cream of French, Scotch and German prize flowers. We furnish in any separate named sort, in separate colors, white, blue, red, yellow, bronze, black, striped; in mixed Cassler, Bugnot, Oiler, Trinarichon, any 1000 seeds, 25c, or 5000 seeds, \$1.00.

Primula sinensis fimbriata seed in white, red, rose, blue, crimson; 100 seeds, 25c; 1000, \$1.50.
Cineraria maxima of nana; 500 seeds, 25c; 3000, \$1.
Cineraria maxima of nana; 500 seeds, 25c; the finest shrubby sort; pkt., 25c.

Send for our New Illustrated Catalogue—contains many interesting novelties. Address
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SEED OF FINEST GIANTS. The best of the mammoth flowering varieties, critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.

PANSY—BUFFALO. New Giant Fringed and Double. Mixed; 4000 seeds, 50c.

CINERARIA—Best dwarf; 1000 seeds, 50c.
PRIMULA OBC GRAND 1000 seeds, 50c.
CHINESE PRIMROSE. 500 seeds, \$1.00.
PRIMROSE PLANTS. Ready August 15. Singles, named, \$2.00 per 100. Doubles, named, \$3.00 per 100.

A packet of the new ever-blooming Forget-me-not "**Constance**" added to every order.

JOHN F. RUPP. - - Shiremanstown, Pa.
The Home of Primroses.
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ZIRNGIEBEL GIANT MARKET AND FANCY PANSIES

(New Crop Seed READY NOW.)
Trade packages of these celebrated strains at \$1.00 each, also separate colors—blue, red, black, white and yellow.

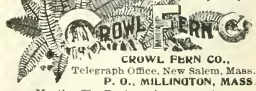
DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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Green or Bronze Galax, 50c per 1000, in 500 lots. Laurel Fern-toning, 4c, 5c and 6c per yard. All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



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Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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Arrived: A fine shipment of our celebrated Cattleya Gigas, also C. Chrysootoxa (abrac), Miltonia Vesilbaria, M. Roezlii, Oncidium Kramerianum, Laelia Patini, and many more. Write for prices.

Lager & Hurrell, Growers and Importers... Summit, N. J.
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REED & KELLER,

119 & 122 West 25th St., NEW YORK, N. Y.

Manufacturers Florists' Wire Designs, of..... Dealers in Florists' Supplies, Importers and Dealers in Galax Leaves and all Decorative Greens.

JOSEPH HEACOCK, GROWER OF

Fine Palms,

For Price List SEE PAGE 215, JULY 18th.

Double Sweet Alyssum.

Plant now to secure best results. Our stock has been frequently nipped and will give immediate returns. From 3-inch pots, \$1.00 per 100.

ISOLEPIS GRACILIS. A valuable plant for all fancy decorations. From 2½-inch pots, \$2.00 per 100.

NATHAN SMITH & SON, Andrian, Mich.
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From a Photo by Rowley, Buffalo, taken last Thursday afternoon.

John Burton, President-Elect Society of American Florists.

HOME IMPRESSIONS OF THE CONVENTION.

Looking back after it is all over, I hope that the Buffalo convention will be considered in many or all respects a success. We think it was the largest representative convention in the history of the society. It is true there were a few of our best known men not present, prominent among them being Mr. Wm. R. Smith, Robert Craig and John X. May and others. We regret their absence, but take it altogether it was a very large crowd.

The trade exhibit was not quite up to New York, but that one so far exceeded any of them that we can afford to be second to it. Undoubtedly the trade exhibit is a most important factor in the success of a convention and we are delighted to hear that the exhibitors say this was one of the most successful from a business point, all having done well.

The address of President O'Mara, without casting the slightest reflection on some very fine and able addresses that preceded it, was undoubtedly the most complete ever offered the society and embraced every topic of real live interest to us in the most concise form. Our local men were much alarmed for several weeks previous to the convention that our meeting hall was not large enough and it proved to be slightly insufficient for the crowd at the opening session and during Mr. Farquhar's lecture. At all

other times it was amply large enough, and it is perhaps better to be slightly crowded than have a few people in a large hall.

Personally, the writer wished the society to come to Buffalo not alone for the Pan-American, but to visit again (and with many for the first time) our beautiful city, and the many expressions of admiration and delight spoken of our city were most gratifying. We expected about two hundred ladies to take the carriage ride but it turned out there were four hundred, and that caused some delay, but only added to the pleasure.

There is one function connected with the society which we do not approve of, and that is the president's reception. Not but what this one was as pleasant as any, and we hope as well conducted, but we do think it is a useless and embarrassing affair. What is the good of having a dozen people standing up there in evening dress, shaking hands with five or six hundred other people whom we have all known for years? It occupies valuable time and I hope will be dispensed with on all future occasions. It was an innovation begun at Pittsburgh and we trust that we saw the last of it in Buffalo, and I feel that I am only voicing the opinion of the present president, and I hope the president-elect, when I say "Let it drop."

We are also of the opinion that this convention was pretty well drawn out in time. Perhaps this comes from us with

rather a poor grace, but we do not intimate in the least that you were too long with us. Two days less of business would have given you more time to have seen the Pan-American. You cannot get people to listen to long essays and we should be in favor of cutting them out. It is almost an insult to a man who is reading a really instructive essay to have no more than 100 people to listen to it. If they were sent and ordered printed in the report, that would be sufficient.

The illustrated lectures are all right. The one by Mr. Farquhar was particularly attractive and more would have listened to it had they been able to find an entrance to the room. It was not only entertaining, but there were some valuable points for the florist and horticulturist. We thought the lecture by Mr. F. W. Taylor on "The Pan-American as an Educator" particularly good. I don't suppose but what everyone attending the convention visited the Pan-American, but we did feel that if that lecture could have been given on the first night, anyone seeing those views would have been bound to see the real thing. With our pretended belief in the good of these essays and papers, there is not one in fifty who comes to the convention who cares to listen to them. We believe they are of great value to the trade and the profession but are much better digested when read at home. The trade papers publish them, as well as the report of the society. By all of which I mean that the business of the society could be done in two days and leave two days for entertainment, sports and recreation, for it is recreation that 90 per cent of the people want. In the early days of the society there was much more extreme conviviality going on than at present, and it is well that it is now seldom seen.

We are under the impression that the shooting tournament went off about as smoothly and successfully as any since its introduction at Atlantic City, yet it is hardly the sport of many of the florists, although we think it a more scientific and better sport than bowling. We regret that the fine alleys that were promised us did not materialize, and that what we had to play on made such a bad impression at first, although we believe that on the day of the match there was not much to find fault with. Talk about form! Where were the men who used to be considered crackerjacks? And how the better unheard of did shine out!

It never rains but it pours, and honors and prizes fell thick on John Burton. We are well aware that Mr. Burton could have been president of the society years ago had he had the slightest wish for it. Everyone knows what an excellent business man he is and our society is to be congratulated on its choice.

There is quite a difference of opinion about the meeting place for 1902. We are not entirely a trade organization. At least we have, or should have, a broader view before us, and if a very few of our brethren below Mason and Dixon's line have joined our ranks, we are now strong enough to go to them and show them that we are really the S. A. F. & O. H. of all the country in deed as well as word. Don't tell people you are not going to Asheville, because you don't know yourself at present, and most likely you will.

In conclusion, the writer has many reasons to be thankful that he lived to the year 1901. The many kind words said about his humble efforts at the

Pan-American and the generous and splendid recognition given him by the society pays ten fold for all the worry and work that has to be gone through and is incidental to every exposition.

WILLIAM SCOTT.

THE CONVENTION EXCURSION TO NIAGARA FALLS.

What can be said of the efforts of the Buffalo florists but in the line of praise! What if you did wait five minutes for your coffee; remember, there were, the officials informed us, 1,200 people in the party. They gave many the greatest treat they ever had in their lives, for it is safe to say many were there for the first time and will always remember it.

Very early on Friday morning all those attending the convention were astir and excited with pleasant anticipation. The Buffalo Florists' Club had made arrangements to carry the party to see Niagara. Two special trains, consisting of twenty-two cars, were required, and no one missed being there. After a fifty-minute ride the entire party was escorted to view one of the world's greatest sights. Each was then allowed to roam around and many of those present availed themselves of the opportunity to see the gorge and whirlpool. We shall not attempt to describe Niagara; that has been done before; the indelible impression it makes on the mind of the visitor is too great to be affected by any descriptive pen.

By courtesy of the park officials the center of Prospect Park was reserved for the florists, and here the Buffalo florists provided a nice lunch for the entire

time he went as a boy in the employ of the great house he was with until now, when he occupied an important position not only there, but in American horticulture; but there was one thing they thought was lacking, and they had decided to provide that; they had selected a wife for him, a watch that would remind him of pleasant hours." Here Mr. Scott handed him the gold watch, with the remark that it was a token of the love and appreciation of every member of the S. A. F. O. H. Mr. O'Mara was visibly affected and in returning thanks said he considered it one of the greatest days of his life. He would cherish the gift with all his heart. He urged his hearers to cement their efforts and to work as one man, to never relax in their efforts or deviate from the aims of the great society.

Adam Graham, E. G. Hill, John Westcott, Warren Ewell, W. N. Rudd, James Dean and Charles Zeller were in turn escorted to give their weight of opinion on matters generally. Little did many of those present know that in Mr. Zeller they had the oldest living florist in the United States. It was he who, over fifty years ago, imported the first commercial carnations from France. The old veteran, the hero of many an era in the history of American floriculture, was visibly touched by the demonstration of which he was the center when he said the present state of affairs and the great prosperity were like a dream to him; there was something in voice and eye that reflected the struggles of the past and the greatness of the present. He was proud to be there; it made him young again.

He was in favor of it; it gave him the best results, but the great demand for buckwheat and pea coals were raising the prices.

In reply to an inquiry about pressure Mr. H. B. Bently found that a boiler kept at 60 pounds of pressure was the most economical.

Mr. Beattie of the U. S. Dept. of Agriculture gave some interesting facts concerning experiments on soil temperatures. Pipes laid 16 inches beneath the surface of outdoor soil were the best and able to produce great results. He thought the day would soon come when steam would be used through tiles in greenhouse cultivation. He predicted its general use in the same manner as sub-irrigation.

A vote of thanks was tendered Mr. Taft for his paper.

CONVENTION NOTES.

The high standing given floriculture at the Pan-American Exposition through the efforts of William Scott was recognized by the appointment of a committee consisting of W. N. Rudd, E. G. Hill and Edwin Lonsdale to prepare suitable resolutions, the same to be engrossed and presented to Mr. Scott.

President-Elect Burton asked the assistance of every member in making the next annual convention a success and hoped to see all again next year at Asheville, N. C.

Hearty votes of thanks were passed to the citizens and florists of Buffalo for the warm welcome and liberal entertainment given the society.

Among those registered by the local



The Principal Plant Exhibits at the Buffalo Convention.

party, after which a great many went on tours of sightseeing until 5 o'clock.

At the depot, on the return journey, William Scott, on behalf of the members of the S. A. F. O. H., presented President Patrick O'Mara with a beautiful gold watch. Mr. Scott, standing on a weighing machine (let us hope the scales will always be as pleasant to all), called the crowd to order and among other things said they "were met to give expression to their feelings; they all admitted Mr. O'Mara to be an orator, business man and the greatest parliamentarian in the S. A. F.; he had shown his ability from

Another pleasant feature of the convention and one which met the approbation of all the exhibitors was the presentation of a purse to the manager of the trade exhibit, Mr. Keitsch. J. I. D.

THE FUEL QUESTION.

In the discussion of Prof. Taft's paper at the Buffalo convention Mr. C. W. Ward said that his place (the Cottage Gardens) consumed between five and six hundred tons of coal a year. A test was made of Wilkesbarre pea and egg coal and the pea coal was 50 per cent cheaper.

club on the last day were the following: Ant. C. Zvolanek, Grand View, N. J.; Mrs. E. M. Bullock, Elkhart, Ind.; Chas. Daines, Newark, N. J.; Robert George, Painesville, O.; E. F. Coe, New Haven, Conn.; C. B. Dertrick, Ionia, Mich.; J. H. Haddonson, Omaha, Neb.; H. Millingar, Merchantville, N. J.; E. J. Bush, Charlotte, N. C.; Frank Berry, 8 water, Minn. All others that were registered were reported last week.

The exhibitors were generally fortunate in selling their exhibits to Buffalo florists and thus avoiding repacking and reshipping. H. A. Drees' exhibit of



A Group of S. A. F. Visitors at Niagara Falls. This Includes the Largest Number in any Group but Shows only a Part of those Present

plants was sold to J. H. Rebstock, and M. Rice & Co.'s immense collection of florists' supplies was purchased by Ira G. Marvin, Wilkes-Barre, Pa., while W. F. Kasting took the exhibit of Bayerdorfer & Co. Nearly all the plant exhibits were disposed of.

The display of gladioli at the convention was fine, but that at the exposition was far superior. When such blooms as those can be marketed in quantity the summer cut flower market will present a different aspect.

For a full report of the proceedings of the convention, papers read, etc., see last week's issue.

With the majority the question of the hour seemed to be, "Where is Asheville; how big is it, and how many florists do business there?" As we understand it, Asheville is a health resort in the mountains of North Carolina, largely hotels, with a population of probably not more than 10,000. It has one florist, Mr. J. W. C. Deake, our Vice-President-Elect. The principal feature of Asheville from a horticultural standpoint is the great estate of Mr. Vanderbilt, containing several thousand acres, called Biltmore, and which was laid out by Olmstead. It will no doubt be a prime attraction in bringing members to the next convention.

There were some exciting bowling matches on the side. In one Chicago secured some valuable souvenirs from the Buffalo aggregation, but in a return game the Bisons obtained partial satisfaction.

W. F. Kasting had to keep that safe of his open most of the time cashing checks and drafts for members who ran short of the needful.

An excellent lunch was provided for the lowliers at the alleys.

We print in this issue engravings from photographs taken specially for the REVIEW of each of the nine teams competing in the bowling tournament.

We also print in this issue several

views of the exhibition from photographs taken specially for the REVIEW.

The portrait of President-Elect Burton is quite up to date, being from a photograph taken just after his election.

THE EXHIBITION.

The committee to award the Buffalo Florists' Club's cups for the best exhibits at the convention awarded the cup for plants to Henry A. Dreer, of Philadelphia, and the one for cut flowers to Arthur Cowee, Berlin, N. Y., for his fine showing of gladioli.

The committee recommended that hereafter more attention be given to quality and less to extent. Mr. E. Lonsdale moved that the secretary be instructed to provide for an exhibit of American grown bulbs and that at the next meeting a silver and a bronze medal and a certificate be offered by the society for the best exhibit of such bulbs. This was carried.

A CONVENTION BY COMPLIMENT.

Such was the result of the ballot at Buffalo in selecting their next convention city (Asheville, N. C.). The writer returned during the night to avoid those who dared him to come home without the convention. Milwaukee was due to receive complimentary votes at the Buffalo session, in view of the fact of having invited the society for several years to hold a meeting in our city. The effort was more united than ever this year and great preparations were made to induce the society to come here in 1902. There were 92 solid Milwaukee votes on the Chicago special and over 200 on the New York train, all pledged to Milwaukee, and therefore it seems impossible to believe and explain why only 66 votes were in favor of Milwaukee. We have but one regret, and that is that the Business League of Milwaukee offered to send an eloquent speaker free of charge with our

delegation to speak for Milwaukee and the offer was declined, thinking it would hurt our cause. Much indignation was therefore expressed at allowing a paid speaker who said he was not a florist and was not interested in the society to have superior influence over an intelligent body and ignore a bona fide invitation from a well organized florists' club.

The question is asked, Why were not all the delegates there to vote? While this would have changed the result, if those present had voted according to their own convictions, half the attendance would have been sufficient to change the result. The total of 138 votes east out of 600 to 700 delegates showed too much confidence for Milwaukee and does not express the wishes of the majority. The vote for the selection of the city should have been postponed until the afternoon session or held earlier in the day, as owing to the hour being 1:30 p. m., many of the delegates got tired waiting and left the hall so as to get lunch in time for the afternoon session, which was to open at 2 o'clock p. m.

Had Asheville been a stronger competitor they would have received less votes, and, as the saying goes, "Great minds run in the same channel," it seems the great minds of the society were so afflicted at that time and voted for Asheville and then offered excuses for having done so only for fun or voted complimentary to prevent a landslide. The majority of the rank and file apparently voted for the best interests of the society.

The deed has been done and we therefore must make the best of it and abide by the vote. The society has crossed the rough and rocky roads and is well on the way to prosperity and it is hoped that our next convention will be as prosperous as those in the past.

C. C. POLLWORTH.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

CARNATION NOTES.

New Varieties.

Most of the new ones have made a very fair growth, considering that most of them were planted from small pots and this has been a remarkably dry season. This, however, we attribute to faithful cultivating, at least once each week since they were planted. All have made strong enough plants to show what there is in them this season with the exception possibly of *Irene*, which was not in the best of condition when received. The plants are very sturdy, though, in spite of their smallness, and may come out all right. Perhaps the disseminators would kindly give us a few points on its particular wants through the REVIEW.

Mrs. Lawson was kept inside all summer and we believe that we have overcome that short stem fault in that variety. A good plan we find is to pot up a few plants of each variety, after housing what we want, to plant in where one may have died out here and there. They take hold easily in the pots and they need no shade or special care when planted in the bench from the pots. About 5 per cent of what you benched should be all you need to pot for this.

Cultural Notes.

Those plants you benched in the spring will be making a good growth now, and the supports will be needed at one before they begin to lay over and grow crooked. Loosen up the surface of the soil before putting on the supports, but do not be in a hurry about mulching

down red spider. Pick off the rusty leaves and burn them. Give them all the sunshine there is, so that in spite of the rapid growth it will be firm and well matured. The worst thing you can do now is to get your plants into a soft, watery growth, and right at this time there is perhaps the greatest danger. Rub off that shade and open the ventilators as wide as you can, both day and night.

Will have more to say about supporting carnations next week.

A. F. J. BARR.

CARNATION QUESTIONS.

In answer to L. H. G., there is no reason why the varieties he names should not do well together in the same house, if each variety is planted where it will



Exhibit of M. Rice and Co., Philadelphia, at the Buffalo Convention. Photographed in Two Sections.

If the blooms of *Norway* are in proportion with its growth they will be immense. The variety *Elma* has made the best plants of any variety we have and out of 1,000 plants not one has been lost; in fact, the same is true of the 4,000 planted along with them.

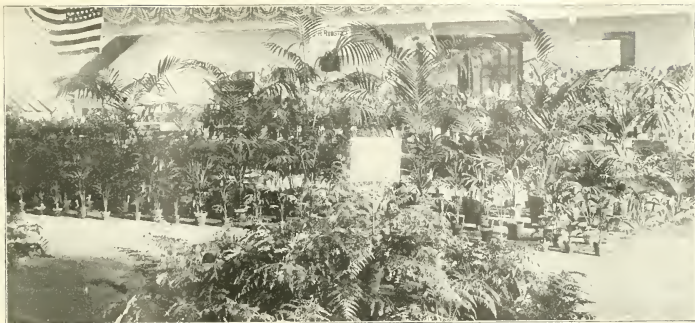
We are also pleased so far with the *Marquis*. Last season we were very much disappointed in its behavior, but as it produces such grand blooms, we decided to try it again this season, and last week we housed about 100 plants, which are looking fine now. We sincerely hope that we misjudged it last year. Crocker has made such fine plants and it transplants so easily that it is a pleasure to house it.

them with manure. If you mixed a proper amount of manure in the soil there is no need of a mulch until the first crop of flower shoots is allowed to come up and bloom. Put it on just when they begin to shoot up. This should not be allowed, though, for a few weeks yet, especially with the reds, as the blooms are not of good quality nor in good demand until cooler weather sets in. Keeping the shoot off now will enable the plants to grow larger and to produce a larger and better crop of blooms later on.

See that they have plenty of water at the roots and syringe them well every day, unless you see rust start, in which case no more syringing should be done than is absolutely necessary to keep

have about the temperature it wants. If I knew how many benches he has in his house and the general arrangement of the house, I could tell him just how to plant, but I will give him the temperatures in which each of the varieties seem to do best and he can arrange them on the benches to suit himself:

Flora Hill, Mrs. Lawson and Scott like 56 degrees; Jubilee, Mrs. Bradt and Gold Nugget, about 52 to 54 degrees, and White Cloud, 50 to 52 degrees. These temperatures are for soil of average weight, but we find that Jubilee and White Cloud burst best and bloom more in a very heavy clay soil and kept at about 56 degrees. They will not stand such a high temperature, though, unless



Henry A. Dreer's Exhibit of Plants which Won the Cup for Finest Display of Plants at the Buffalo Convention.

the soil is very heavy, as a light soil will make the stems weak and the blooms small. Be sure to plant White Cloud and Jubilee on a center bench, where they will have plenty of head room. They need at least three feet between the bench and the glass.

Mrs. G. M. Bradt is still placed at the head of the fancy varieties when quality and quantity are both considered, but in quantity alone Armazindy runs away ahead, but it is not in as high favor as formerly, on account of the faintness of the stripe.

The leading scarlets outside of Jubilee are America and G. H. Crane. Most growers favor Crane, as the color is a shade deeper than America, and it is perhaps a little easier to manage, but with us in a heavy soil, plenty of water and a temperature of 55 degrees, America comes with as good color as any one could wish for, and as the blooms are larger than either Crane or Jubilee and it is very free, we prefer America.

Mr. G. could greatly improve his pink class by planting Mrs. Joost in place of Scott, and I would also advise him to plant a few Ethel Crocker. He will want no more Scotts if either of these does well with him. Both like about 54 to 56 degrees and not too much feeding. Mr. G. will find that it will pay him well to keep right up with the new introductions, even if he can only afford to buy a few plants of each variety to try for himself.

A. F. J. BAUER.

CHRYSANTHEMUM TROUBLES.

We are troubled with some kind of a sickness on our chrysanthemums and would like to know if there is any cure for it and whether it will spread. We send a sample of the diseased plants.

B. B. & SON.

I am sorry to say I cannot help your subscriber much, as the specimens were so badly shriveled it was impossible to make anything out of them. One of the stems seemed to have stem rot, but as stem and foliage were pressed and dried to a crisp, it is hard to state.

Most of the leaf diseases and stem rot come from a too liberal use of the hose. The munn is not an aquatic, though some growers seem to think so by the way they pour the water on. I would suggest that your correspondent see that the bench or pots, or whatever the plants are growing in, has good drainage, and water very carefully. Spray the plants with sulphide of potassium as advised in your issue of August 1, or use the ammoniacal copper solution, the formula for which, as stated in the Florists' Manual, is as follows: Copper carbonate, 1 oz.; ammonia, enough to dissolve the copper; water, 9 gallons.

If your correspondent were to send me some leaves and stems packed in damp moss, so they would reach me in reasonably fresh condition, I could advise him much better what to do. BRIAN BORT.

CINCINNATI

The Market.

It seems as though cool, comfortable weather is too good for us; anyway it has turned very hot again, and no rain in sight; it has been raining all around us, too, but it had little effect on the thermometer. Rain is needed very badly, even the grass is haked brown, so you can imagine what our door stock looks like.

Prices on flowers are holding a little stiffer now, not so much because there is a better demand, but because the quality is much better. Roses especially are showing much improvement and there is a better supply. Brides, Maids and Meteors sell from 2 to 4 cents; Beauties from 50 cents to \$1 per dozen. There are very few carnations to be had in this market, and what few are being cut are very small; nevertheless, they are rapidly disposed of at from 50 cents to \$1 per 100. A few tuberose are coming in; they also are poor and 2 cents per spike is about all they will bring.

Various Items.

E. G. Gillett, Dock Sunderbruch and R. Witterstaetter arrived home from the convention city Saturday noon. They report a howling good time and say the meeting was one of the best they ever attended. Mr. Gillett gives a glowing



Arthur Cowee's Exhibit of Gladiolus that Won the Cup for Finest Display of Cut Flowers at the Buffalo Convention.

account of the Pan-American, saying that if it does not surpass the World's Fair at Chicago in size, it certainly does in architecture and artistic decorations and effects.

Mr. J. W. Rodgers who went to Buffalo with the Cincinnati party, was recalled, after but a few days' stay, by a telegram stating that his wife had been taken seriously ill.

The hail storm that recently passed over this city destroyed every pane of glass in the establishment of J. G. Fine of Dayton, Ky. As he carried no insurance the loss will be severely felt.

R. A. Betz was called to Middletown Saturday to help out our friend Joseph R. Goldman, who had a sudden rush of funeral work. It is to be hoped that a few of such rushes will fall upon some of the Cincinnati boys. I can assure you they can stand for it.

J. O'Malley was busy for a few days last week decorating floats for the hutchers' parade. As flowers were scarce he did the best he could using sunflowers, Arbor-Vitæ and flags to good advantage. He had twelve floats to decorate.

C. J. OLMER.

BOWLING AT BUFFALO.

Those who say or think that sports do not constitute one of the leading features of the great annual convention are very much mistaken. In the opinion of the majority of the young element, and we suspect the old boys, too, bowling is a great attraction. There are very decisive views against putting the annual outing on a too straight academic line.

One of the odd facts connected with the doubtful support for the next convention is the lack of facilities to entertain the sports of the trade. So much do they feel this icy prospect that already plans are being considered to organize a florists' bowling tournament in some central city at a time convenient to all. This appears at the present to be an unfortunate necessity, and should it assume definite shape there is no doubt but that it will cut a big slice off the convention attendance. How to prevent it is a question that Mr. Cloud and his angels in Asheville may probably be able to solve, but Asheville or not, we are heartily in favor of anything that will keep the young men of our business together.

In the general matches it is intensely pleasing to note that the prizes were widely distributed; this will keep alive the spirit of rivalry.

The Lord & Burnham cup was won by Philadelphia with a total in three games of 2,560.

The Hitchings Co. cup was won by New York, highest in third game, with 883.

The Queen of Edgely cup was won by Chicago, highest in first two games; total, 1,698. This cup now becomes the permanent property of the Chicago club.

The Detroit trophy was won by New York, highest score any game, 883.

The F. R. Pierson cup, highest aggregate individual score in three games, was won by Wm. Gibson, Philadelphia, with 523. Mr. Gibson also won Kasting's gold pen for highest score in any game with a grand score of 213.

Scott's opera glasses were won by A. Y. Ellison, of St. Louis, with 485, the



PHILADELPHIA.



CHICAGO.



BALTIMORE.

The Bowling Teams in the Buffalo Tournament.

second highest aggregate score in three games.

McClure's silk umbrella for third in the above class was won by Robert Halliday with 483.

The prize for the greatest number of

strikes went to Wm. Gibson, of Philadelphia, with a total of 14 in the three games, and the spare prize went to Fred Lentz, of New York, with 17 in three games.

The scores follow:

PHILADELPHIA.

G. M. Moss	132	162	131	427
Wm. Gibson	157	233	153	523
D. Connor	126	198	190	414
Jno. Westcott	166	128	92	386
B. Starkey	129	129	132	390
Robt. Kift	125	162	175	461
	534	844	852	2560

NEW YORK.

T. J. Lang	157	163	132	452
P. of Marz	96	132	164	392
F. H. Tracendly	139	140	145	424
A. S. Burns	132	173	166	471
F. A. Lentz	136	148	142	426
J. Thelmann	145	125	131	401
	780	842	882	2560

CHICAGO.

Geo. Ammus	162	98	115	376
P. Stoffler	170	150	146	466
P. J. Hauswirth	148	166	152	467
Jno. Dezan	112	85	126	323
E. P. Winterson	141	171	142	454
Jos. Poerster	122	151	144	417
	867	851	826	2524

BUFFALO.

J. Draik	131	111	101	343
W. B. Scott	137	145	126	408
W. F. Kasting	142	165	167	475
W. Webber	128	117	137	382
C. Riech	139	145	152	437
Wm. Scott	164	125	86	375
	783	808	770	2361

ST. LOUIS.

J. J. Benke	145	174	154	473
A. Y. Ellison	156	150	209	485
T. Miller	162	164	115	441
H. Bever	92	85	115	292
F. C. Weber	96	93	96	285
C. A. Kuehn	107	170	123	410
	697	796	802	2295

BALTIMORE.

R. Halliday	152	160	171	483
H. Weber	96	162	131	329
H. Lehr	137	155	115	375
W. Lehr	153	109	110	372
M. Richmond	159	162	127	448
C. Seybold	171	152	149	472
	868	808	790	2475

CLEVELAND.

J. Esalle	150	145	112	407
L. Kennedy	122	137	149	409
Kuntz	166	151	140	457
Penitsoot	147	139	146	432
Brown	126	123	129	379
Graham	129	160	150	438
	851	825	826	2512

FLATBUSH, N. Y.

L. Schmutz	121	126	90	337
H. Daillidouze	91	119	79	289
J. L. Raynor	112	120	119	351
D. Y. Mellis	122	142	134	406
W. H. Siebrecht	148	126	156	430
P. Daillidouze	140	152	108	390
	734	774	692	2300

DETROIT.

H. Watson	132	118	141	392
P. Beard	137	95	111	346
F. Pnutke	151	120	97	368
H. Flowerday	142	86	124	346
J. Taylor	133	128	114	375
J. Dunn	109	114	115	341
	759	677	708	2138

In the open to all individual contest John Burton captured the first prize, the Coldwell lawn mower, with a score of 181. David Scott took second with a score of 166. There was a bad mixup in this contest. Two games were played and it was understood that the total of the two games would count, but it seems it had been decided by the captains that the first score only would be considered. This materially changed results; and through accident two of the score sheets were lost. We are therefore unable to give the scores in full. Other scores we have memorandums of are 160 by J. J. Hess, 155 by J. H. Relstock, 154 by J. F. Wilcox, and 150 by C. M. Balluff.

After the matches were over William Scott presented the winning teams and the successful individuals with their prizes. This was done in the most pleasing manner and gave a chance for many



NEW YORK



BUFFALO



ST. LOUIS

The Bowling Teams in the Buffalo Tournament.

jokes and numerous expressions of good feeling and high hopes.

But let us not forget what was generally admitted to be the funniest and most alarming feature of the bowling tournament—the Chicago German band and their marvelous makeup. It was the greatest surprise the uninitiated ever got; the whole crowd were astounded.

New Yorkers are accustomed to pretty nearly everything connected with sights, but in this case, coming as it did from their own tradesmen, they were completely taken off their feet. It is safe to say never was such a band associated with the business in any clime. It was great. The caricatures and the music were sufficient to chase away both Coney Island

and the Midway attractions. Winterson, Asmus, Balluff, Polliworth and their associates, be they in repose or astir, deserve the greatest credit for their efforts to make this convention memorable. There is the spirit that made Chicago what it is, and behind their noise there are hearts of goodness and exhaustless push which are destined to be of the utmost value to American horticulture.

J. I. DONLAN.

THE CANADIAN HORTICULTURAL ASSOCIATION CONVENTION.

For friendliness, kindness and entire good fellowship between all the delegates present, the London convention, I think, takes the cake. In saying this I don't say anything derogatory to former conventions. They have all been most enjoyable and instructive, but each one takes on a distinctive feature, and it is only right that we should improve each year. And to the London Horticultural Society most of the credit is due for the very gratifying result of their efforts to make every one feel quite at home.

Another good feature of the convention was that there was a good deal more discussion in session than on former occasions; quiet, inquiring discussions, that bring out just the points necessary to the proper understanding of the subject in hand. The only thing that is regretted was the comparatively small number who thought it their duty to the profession to attend. Those who did attend will, I am sure, attend again and bring others with them. When once the profession finds out the good that is being and can be accomplished by the association, the traveling expenses, of which one hears so much now, will appear to be a trifle compared with the benefit obtained. A considerable number of new members from parts hitherto unrepresented were on hand, which is a good omen for future conventions.

At the first formal session the convention was heartily welcomed by the mayor, Mr. Thomas Manton gracefully replying. The president, Mr. J. H. Dunlop, made an eloquent address, which was as usual laid on the table and left there. The secretary reported and wanted to give up his job to a better man, but the boys—good, kindly souls that they are—would not hear of it and gave him a bonus in spite of his protests. The treasurer reported everything lovely and a good balance at the bank.

At the evening session, which was an open one, Dr. Bethune lectured most interestingly and instructively on "those horrid little bores," the insects, and Mr. W. J. Lawrence, of Mimico (near Toronto), expatiated on the advancement of horticulture, to the enjoyment of all present. Some of the boys, however, thought that however much the cut-flower trade had advanced, there was not much to be said about the plant trade at that connection.

On Tuesday morning the local committee treated the company to a car ride around the city and out to "Springbank," a city park of most desirable parts about seven miles out, where an appetizing lunch was spread on the balcony of the large pavilion. The lunch was soon demolished, when speeches and songs were indulged in. The trolley car had been profusely and tastefully decorated with flowers and maple boughs.

At the afternoon and evening sessions the papers were read and discussed, questions were asked and answered, the place

for next meeting chosen and officers elected.

On Wednesday five or six of the boys departed for the S. A. F. convention and the Pan-American. They have not been heard of to the date of this writing and great anxiety is felt amongst their friends as to whether they have been able to resist the wiles of the sirens of the Midway, but however, as Mr. Johnston, of Kingston, was chaperoning the party, they feel sure that a man so experienced in such shows will not allow his trusting brother florists to be led astray.

I should not forget to mention that the members paid a visit to Mr. William Gammage's greenhouses, just outside the city, and were surprised at their extent and the quantity of stock contained therein. Mr. Gammage is in the throes of building four or five large, new, up-to-date houses, which, when in operation, will enable him to keep up with his greatly increasing business.

Mr. Fred Dieks' place, London South, was also visited; it is devoted almost exclusively to carnations. Some had been planted in the houses, the rest were still in the field; all were looking the picture of health and strength. Mr. Dieks does not believe in indiscriminate early planting, but plants these sorts early which he has found by experience do better for it. Eldorado is one sort that grows to perfection with him and without a speck of rust.

Hamilton, "the ambitious city" at the western point of Lake Ontario, the city with a mountain, will be the place of meeting next year.

The officers elected for 1902 are as follows: President, Joseph Bennett, Montreal; first vice-president, C. Webster, Hamilton; second vice-president, G. Robinson, Montreal; treasurer, H. Simmers, Toronto; secretary, A. H. Ewing, Berlin. Executive committee, three years: W. J. Lawrence, Mimico; W. Muston, Toronto; O. Johnston, Kingston; for two years, in place of G. Robinson, elected second vice-president, Thomas Manton, Eglinton.

Secretary's Report.

I beg to report that the present number of paid-up members on the books of the association is a considerable increase over the year before. It must be acknowledged, however, that the increase is chiefly due to the large number of horticulturists in Montreal who took a deep interest in the proceedings of the convention. No doubt the attendance from the western end of this province would have been much larger but for the great expense of traveling such a long distance, and this expense item is the great difficulty which this association has to contend with. The executive committee ought certainly to meet, say, in January or February, but as its members are scattered all over the country, it is next to an impossibility to arrange a meeting in any place where it would be possible for all to attend. The delegates to this convention are fortunate in being able to obtain rates reduced to the minimum, which will allow many to attend who would otherwise not be able to stand the expense, and I have no doubt but that there will be a still further increase in the number of members for the secretary to report at our next meeting.

I think when florists once learn the good they get from attending these meet-

ings the expense in question will not be so prominent. They will find that it pays them to attend these conventions, to assist the association (if only by their presence) to have a trade organization worthy of their profession, that will use all means to bring their business more and more before the public. In these days of organization, combats and trusts it is the duty of every florist in the country to assist by every means in his power his own trade organization. Don't sit in your petting shed and say, "Oh, that thing is run by a clique." The "clique" (some one has to run the show) wants you and your help and you want to be in it. Only one "clique" is wanted, and that is the whole trade.

I trust I have not usurped the prerogative of the president by saying these few words. I am sorry to say we have no Canadian trade paper now in which to let off any superabundant eloquence which may happen to accumulate. I find it a serious loss and I hope the time is not far distant when another attempt will be made on a more permanent basis. Our trade in this country certainly ought to be able to support a paper and I firmly believe that it is.

In conclusion, I would strongly advise the association to try a change of secretary as a means of advancement, a struggling country florist has not the time to devote to the work that is necessary, however much he likes it. A young man who has some time to give, who has ambitions to see our business take its proper place in the procession, would be better able (though not more willing, perhaps) to lift the association out of old ruts and carry it along to the success it deserves.

A. H. EWING.

HOW CAN THE RELATION BETWEEN GROWER AND RETAILER BE IMPROVED.

By FRED C. W. BROWN.

[Read before the Canadian Horticultural Assoc'n at London, Ont.]

[CONTINUED FROM ISSUE OF AUGUST 8.]

If we are to improve our own relationship so as to bind ourselves in a bond of lasting unity it appears then that we should feel around for a radical change in the present methods of marketing our produce before hastily advancing or passing judgment on any of the systems propounded for that improvement; we must carefully weigh all the why and wherefores. The steps forward must be firm and sure; we must not allow ourselves to embark on new methods without the universal assistance of all growers and retailers connected with the floral trade; chance must be left out of the question, success must be assured, or there will be a danger of wrecking the partial unity existing at the present time. What shall that change consist of? Of systematically improving our ways for the disposal of goods, a clear and thoroughly reliable system for placing on the market the stock in trade of a cut-flower grower.

The source of distribution, to my mind, should take the form of a commission house or go-between, a place where the stock in trade of the grower could be placed in the hands of a person or persons in a better position to know the different classes into which the stock should be divided; they would naturally know the proper value of the stock intrusted to their care, and, always provided they be perfectly upright and honorable men, would, I am sure, prove that such a sys-



FLATBUSH, N. Y.



DETROIT.



CLEVELAND.

The Bowling Teams at the Buffalo Tournament.

tem as I have in mind be of financial benefit to all growers placing confidence in them. I am sure, could the assistance of the growers be obtained, such houses, or houses, would prove their worthiness. We would soon appreciate the innovation. Among the advantages there would be a great saving of time to our busy grower; he would not have to

waste his valuable time peddling from store to store, but instead know that his stock was being carefully and intelligently handled by competent persons, with only the necessity of a single delivery. He would also be assured of receiving the full market value for his productions, and anything worthy of special price would be held and easily

disposed of at the full value. There would be a scientific method of gradation, the smaller or poorer stock would be sold at a reduced price, while the better or selected would more than make up for the lesser price obtained for the poorer grades.

The advantages to the retailer would be of infinitely great importance, for though he would either have to use his phone or personally go after his stock he would have a greater selection; if first grade stuff were required, he could obtain it; if second or third rate stuff was wanted, he would likewise be suited; he would be sure of equal distribution, no favors; if a rush order came in he would know where to lay hands on what he wanted; also he would know without losing time whether it would be possible to get what he wanted without having to cover several miles of country in the vain search for a few cents' worth of a particular line of flower. If what he required were not obtainable wholesale, he would know where there would likely be a brother florist who would oblige him by granting a favor where a favor would some day be required in return. He would also be assured of receiving fresh stock, the ever-watchful commission man would virtually force the grower to bring in nothing but fresh stock (there would be no necessity for otherwise), and when he had received his day's supply could be assured of having at least a stock of "unsalted" flowers.

Another, and to my mind about the greatest advantage to the retailer that would be gained, could the aforesaid system become universal, would be the checking of that great, I might almost say, curse of the wholesaler peddling his stock from door to door, and not only doing what I consider an injustice to the retailer, but injuring himself by virtually forcing the retailer to buy from a source where such practice is not indulged in; he not only peddles from door to door, using the information gained by his contact with the retailer as a guide, but frequently sells at a figure not in advance of that asked of the shopman. Could he be brought to realize he is doing more injury to himself than the retailer by allowing the persons who patronize him to consider that the proper way to buy, also giving them the bad habit of procuring stuff at its wholesale value.

We might bring argument against the system on account of excessive handling, still I think a practical and intelligent man could cause the growers to be more careful in packing at the greenhouses, thereby more than counter-balancing the necessity for the extra handling of the goods. There would be less likelihood of overstocking.

You might ask: Who is going to pay for all this? We are well aware that the stockkeeper will have to be well paid to assure good, reliable men. The question arises from where is his revenue to spring? I believe that the necessary finance to reimburse him will be obtained, not altogether by a high price paid by the retailer or a percentage deducted from the present prices obtained by the grower, but by the more careful handling of the goods and a surer, quicker and better way of disposal, thereby saving the necessary expense attached to the middleman.

I believe the time is near at hand when we will have some such system introduced among us, and when it does, if it can be proven satisfactorily to us that the right parties head it, then we should

unite in giving our undivided support to some such innovation. It cannot be successful without the universal support of all, as there will be many obstacles to contend with, but, eventually overcoming step by step the many minor difficulties connected therewith, advance to the pinnacle of perfect business organization until forming the apex of the pyramid. We should be eagerly sought after by other branches of the mercantile world to find, if possible, the reason for the gratifying harmony and perfect unity of members of the world of floriculture.

among our plants than we used to be. All this sets us thinking of how our new purchases are coming out financially. Size of flower and length of stem we know we are going to get. But the point that puzzles us is the flowering qualities, as the profit to a certain extent depends on that, and the terms applied to new varieties, such as free-bloomer, continuous-flowering, never-off-crop, are often very disappointing to purchasers.

'Tis a pity there cannot be a flowering scale, one that is graded from some well known variety such as Scott or Day-

Now, suppose that you are in a large city, which also means a fashionable one, the demand for the novelties will be great, and customers will soon find where they are to be got and will go there. So to get your share, if not a little more, you must have them, not of course, disregarding the what I will term every-day carnation. But the growing of these new varieties is not all that is necessary to make them profitable. They must be handled right in the store; customers must be taught their name and their superior points, so that they soon look for a certain brand and realize from their shyness of flowers that they have to pay high prices. To maintain these prices, a fault, very prevalent in small cities, must be overcome, and that is picking flowers before they are full grown. Many of the newest varieties take time to mature and if you pick them before they arrive at that state you have only an everyday sized carnation and can get only a medium price. Besides, and are only throwing away money in paying high prices for large flowered varieties. 'Tis better to refuse the sale and keep up your reputation for the best. It will pay.

Among small growers I would say, confine yourself to a few of the novelties—so that you can buy in fairly decent quantities, for if you have not enough plants to give you a fair picking of flowers, so that a good showing can be made to the customer, you cannot command the price or establish a regular sale for this particular line, but if you are in a small way, don't grow fancy and to the exclusion of the old stand-bys, for they are still good. For some years our trade papers, by their correspondents, have repeated the cry, "Scott and Daybreak have had their day." I am not referring to the Pan-American Scott, for he will never be a "has-been." Well, these two carnations are still good and fill a big gap and they have a quality which many of our new ones have not—"floriferousness"—a word that means a great deal when it comes to profit.

My knowledge of carnation growing has not been gained in very large establishments where the newer ones are grown in large quantities and where their peculiarities are studied and every chance given for the best results; but I have been where medium quantities of anything that promises good results has been tested with older ones. The general result has been that the boom they have been sent off with, viz., their free-flowering qualities, have been a disappointment. Therefore, as we must have these new ones, we must proceed to make them profitable and that is by keeping up a good price, never letting up if our customers object. We must use the argument of long stems, larger flowers and smaller numbers needed to fill the bill.

When we think of the patience, study, and sometimes financial loss that many have given to keep the carnation at the top of the flowers of the present day (often this has been done without regard to profit), it seems rather harsh to be standing here discussing the results as to whether all this has been profitable. But I can assure you and them that these new introductions have been a profit to the buyer and all in the trade. In growing new varieties there are some unavoidable failures, some from a variety not keeping up its good record, others from some fault in the growing, but



Exhibit of Cypress Construction by the John C. Moninger Co., and the Garland Iron Gutter by Geo. M. Garland, at the Buffalo Convention.

IS IT PROFITABLE FOR THE GENERAL FLORIST TO GROW THE LATEST INTRODUCTIONS IN CARNATIONS.

[Read before Canadian Horticultural Association by E. Mepsted, of Ottawa, at London, August 5, 1901.]

The subject, "Is It Profitable to Buy the Latest Introductions in Carnations?" is quite a problem. At first thought one is inclined to say no, but there are many ways to look at it, that after a little thought we may say *yes*.

The great improvement made in the individual flowers in the past few years has been beyond the anticipation of the most sanguine. But sometimes one almost thinks it has been at the expense of the health and vigor of the plant. Do not think that for one moment I would rob the introducer of one atom of credit that belongs to him for his patience, perseverance and skill in hybridizing. But it does seem to me that in the past few years the diseases and unsatisfactory condition of plants have increased at a rapid rate. But this may be due to the fast life the carnation has had to live in the last ten years, the luxuries in the shape of food, to say nothing of medicines; but let the cause be what it may, we are given more to expect troubles

break. I will now try and give my ideas as to why it is profitable in most cases, though in some may not be, to buy the new introductions.

In all florists' business, whether in large or small cities, there are two classes of buyers, those who want the best, the newest, the most fashionable and, perhaps I may add, the largest flowers—in fact, anything that is a novelty; and this same word "novelty" is a great factor in the trade of the day, and this class of buyers are willing to pay a good price. Of the other class there is always a large proportion of customers who want a good, useful article, and are willing to pay a fair price for it, but do not aspire to have the fancy long-stemmed article with the fancy price. Now, each of those patrons has to be cared for in proportion to their importance. In different cities, to do this we must keep in touch with the productions of the day and post ourselves on the individual merits of the same. This, at the present day, is easily done. Carnation society meetings and shows give us the opportunity of seeing for ourselves the new flowers and gaining, from intercourse with others, knowledge as to the merits of the same and enable us to form a good idea as to which varieties are profitable to our class of trade.



The Burnham Boilers which Received a Certificate of Merit, the Highest Award, at the Buffalo Convention.

the value of the good ones easily balances this.

The introduction of these grand new ones has also been profitable indirectly. Although some localities may not be quite ready to fall into the necessarily higher price, it is bound to come, and the advent of these fine flowers even in small cities, has boomed up the carnation to the extent that even the price of older sorts is doubled, to the profit of all. And as we all reap something from this state we should do our part to keep this good tide moving and the way to do so is to encourage our introducers by testing their qualities and it will be profitable in the end.

To sum up the case, I would say in large businesses buy any new varieties that are thought well of in general, still growing the older sorts. To those with smaller businesses, buy two or three varieties of what are considered promising, in fair quantities, and introduce them yourself.

In Canada we are rather apt to err in the penny wise and pound foolish way; we say it will not pay us to go here and there, but, gentlemen, it pays every time you go away from home, for the inexpensive chances that are now given to attend carnation conventions and shows leave no excuse, and it is just at these places that you learn what you want to buy for profit. There is not a doubt in my mind that if today we

were to wipe out the results of the S. A. F. and carnation societies and shows for the last ten years, carnations would be selling all round for a much lower figure and in smaller quantities than they are today. Therefore, we should take advantage of any meeting or show where we can gain points on the carnation and so avoid the irritating feeling that our neighbors are getting more money out of the divine flower than we are.

The great advantage of having carnations of the newest type for use in decorating rooms is their large bold flowers and long stems, filling a position the older varieties could not. Again, in design work one can easily afford to pay double price for flowers of the size of Al White Cloud. Once more the range in shades of color given us in the new ones has given us a much larger scope in pleasing our patrons, and if these are not enough to persuade you to buy some 1901ers, think of the profit to your health and pleasure of watching a bed of Lawson flowers grow larger and larger until they mature and then sell faster than they come.

BOSTON.

The Market.

Trade is so-so, if you know what that means. I do not. But it is just what

we always have to put up with here during this particular chapter in the calendar. There is really quite a bit of material coming in, so much that a great deal of it meets interference getting out again. Sweet peas and carnations are not awfully plentiful, but nobody cares for that. They simply use asters, and there are enough of them, goodness knows, and prices on them are graduating down to hardpan very swiftly. Many new crop roses are coming in, and are getting in each other's way.

A Visit to Paul Richwagen's.

It was unfortunate that I rang in a hope for the acceleration of Paul Richwagen's aster business in last issue. As a result he has been cutting 15,000 per day ever since, and has damaged our own business as well as others thereby. In order to put a damper on them and to see the large land purchase he recently made I rode out with him, twelve miles, on that feverishly rainy day we had. Paul said it wasn't going to rain when we started, and kept saying so all the way out. But it rained.

No better suburban drive can be chosen. The entire road seems almost perfectly level. We took Beacon street, down by the fine city residences, packed upon every inch of ground and four or five stories high, for the first mile, when it began to rain. Then through aristocratic Brookline with still finer houses,



Exhibit of Mr. A. Herrmann, New Ycrk, at the Buffalo Convention.

separated and not piled upon each other, where it rained harder through one or two of the Newtons, with their great variety of scenery, varying from still more elegant and more widely separated mansions, to typical forestry, where it rained still harder, to the more subdued scenes of the eastern part of Newham, where it still rained great gusts, to his home, where we arrived pretty well drenched, in spite of good protection and—it still rained! Named geographical points passed were Coldidge's Corner, Reservoir, Newton Center, Newton Upper Falls and Highlandville. It rained in all these places individually and collectively.

I saw his wife, his four children, his foreman, his newly acquired twenty-four acres of land, his 16,000 feet of glass, his growing crops, his barn, his new farming tools, consisting of rake, mower, sulky plow, walking plow, cultivators, hand seeders, etc., and his home, which he purchased when burned out. Every single thing in the list is all right in big capital letters, except the ruins of the burned house, which is a statue of desolation, indeed. It was a fine, large old country mansion, in good repair, and still looks on the outside quite like a house with missing roof. But it is simply a shell of little more than paint and clapboards, and is really not worth even tearing down.

The greenhouses are in the form of two well-built structures, 45x180. In proof that his bargain on the whole place is all that is represented, he has refused an offer of \$3,000 bonus upon it already, with the question of acceptance of \$5,000, which he avers he would refuse.

But do you know that rased has brought into market a good 100,000 asters during the past month, half of them during the past week, and they came off of a ridiculously diminutive piece of real estate. When he wasn't looking I breathed maledictions upon that piece of ground, so that the crop cannot last much longer, and also upon more than as many more of the later varieties, so that they will not bother us so much by half as they otherwise would, since many will come in too late unless frosts hold off wonderfully.

And it stopped raining about that time and I came home, not much sadder, quite a bit wiser so far as his place is concerned, and considerably drier when I got there. J. S. MANLY.

ST. LOUIS.

The St. Louis delegates who spent a very pleasant week among their friends in Buffalo are home again. The convention was a great success and the Pan-American Exposition is all that it is claimed to be of beauty. The Buffalo brothers outdid themselves in taking care of the visitors and the St. Louis delegation wish to thank the Buffalo boys through the Review for the kind treatment received at their hands.

We did not bring home any trophies, though one of our boys, A. Y. Ellison, captured the gold pen, by making the second high single score, 209. It was a scrub team, but they did themselves proud by beating a few clubs. One satisfaction the St. Louis boys had was beating the three best bowlers from Chicago; 150 pins in five games, and Messrs. Kuch, Ellison and Bencke are now wearing new hats at the expense of Messrs. Winterson, Amus and Foerster.

They will now have to wait a year and travel to Asheville for revenge.

The Market.

The market remains about the same; though roses are more plentiful and better than a week ago. The dry weather is still with us and outdoor stuff is burning up for want of rain. Business is very quiet and funeral work is about all we have to do. Prices on roses run from \$2 to \$3 per 100; quite a lot of short Beauties are in the market at \$5 per 100. Carnations and asters are small and sell at \$1 to \$1.50 per 100. This is about all the stock that is coming in at present. J. J. B.

FIVE TIMES AS MANY.

I spent \$2 in the classified columns of the REVIEW and as a result sold five times as many plants as I did through \$25 worth of advertising in another paper. This is experience that can't be gainsaid.—G. P. MOORE, Ocean City, N. J.

A GOOD THING.

The classified ads. are a good thing. It is easy to find just what is wanted, and I think it is only a matter of a little time before people generally will realize this.—S. M. HANBSON, Danville, Ky.

BETTER RESULTS.

I shall continue to patronize my columns by giving you a greater proportion of my advertising, as the REVIEW gives me better results.—JOSEPH HEACOCK, Wyncote, Pa.

A GOOD DRUMMER.

THE REVIEW is a good drummer. It sells plants quicker than any other trade paper we have in the country.—C. LAWITZEN, Rhinebeck, N. Y.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, sent at the rate of one cent for each additional word.

FOR SALE—Property of Mrs. D. Newlands. Fine Chance of a Lifetime for right party. Excellent well paying business established 25 years directly opposite new \$40,000 entrance to Forest Lane Cemetery; no competition; good reasons for selling. Do not fail to lead it up while tending the convention. Apply to D. M. Newlands, 1089 W. Delaware Ave., Buffalo, N. Y.

SITUATION WANTED—(Retail store) as designer and decorator; 8 years' experience; fully equipped offices. Address H. W. S. care of Florists' Review.

WANTED—Foreman for carnation section, married man, Victor Bros., 41 Wabash Avenue, Chicago.

WANTED—A first class carnation grower, also one or two assistants. Bassett & Washburn, Hinsdale, Ill.

WANTED—A good first class man capable of taking charge of about 12,000 feet of glass; must thoroughly understand growing bedding plants and cut flowers. A. H. Schneider, Oak Park, Ill.

FOR SALE—Greenhouses in capital city of Michigan; good profitable business; established 15 years; no encumbrances; with or without dwelling; to be sold on account of ill health. Address Robert Mann, 1258 South Washington Avenue, Lansing, Mich.

WANTED—As partner, in a well established florist business, a man with \$50,000 in capital; must have an intelligent idea of growing bulbs and carnations, etc.; this is an excellent one for a pushing man. Address M. R. care Florists' Review.

SITUATION WANTED—As an assistant florist, capable of taking charge of a small place, references. Address Florists' Review.

SITUATION WANTED—As working foreman on commercial place, 15 years' practical experience; best of references; single. Address Ed. Wiseman, 60 N. 10th St., St. Joseph, Mo.

SITUATION WANTED—As foreman to take charge of wholesale or retail place; Indiana or Illinois preferred; single, age 32; good grower of cut flowers. Address Grower, care Florists' Review.

WANTED—150 feet of 1 1/2-inch second hand pipe; must be in good condition. Address Box 165, Lenox, Iowa.

SITUATION WANTED—By September 1st or later by an active florist, to take charge of wholesale or retail place; German, age 40; 26 years' experience in growing roses, carnations, pot plants, etc. The present time rose grower for an Ohio wholesale firm. Address Ohio grower, care Florists' Review.

SITUATION WANTED—By competent grower of roses, carnations and mums and general bedding stuff; sober and good references. Address F. H., Box 62, Rochester, N. H.

FOR SALE—Wilks' boiler, #232, in good condition; 100 lbs. pressure Otto Hanson, 108 N. 62nd Avenue, Chicago.

FOR SALE—Carnaby boiler and 1000 feet 1 1/2-inch pipe in good order. A. F. O. B. Hopkinsville, for \$1400. A snap. Spick quick. T. L. Metcalfe, Hopkinsville, Ky.

FOR SALE—Who wants them? One Hitcheins No. 15 corrugated fire box boiler and one No. 3 corrugated boiler; two Hitcheins tall open expansion tanks; all in good condition. \$1000 cash. L. C. Holton, Bennington, Vt.

FOR SALE—Greenhouses in one of the best cities in Michigan; 11,000 feet of glass; good business; everything right; the price will save you; must be sold on account of death. Address 30 care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 66 per foot; also some 4-in., guaranteed condition. W. H. Salter, Rochester, N. Y.

WANTED—Night foreman for steam boilers. Must be a good, steady man and know his business; good wages to the right man. H. M. Michael, Morton Grove, Ill.

WANTED—Second hand boiler in good condition to hold 1200 to 1500 feet of 4-inch pipe; also a lot of pipe from 2 to 4-inch; state price, capacity and condition. A. & G. Kosbach, Pemberton, N. J.

WANTED—Young man for greenhouse work; some experience; good place. T. F. K., care Florists' Review.

FOR SALE CHEAP—One second hand 20 horse power Atlas horizontal tubular boiler, with dome attached; complete for setting up except stack; will be sold at a bargain; has been in use but short time. G. Van Boerholt & Bro., Kalamazoo, Mich.

SITUATION WANTED—By practical florist; grower, landscaper, private or commercial charge or foreman, would retail good plants, 5000 feet or less with land, between New York City and Montreal; German, 35, married, family. A J references. Joseph Braun, Lawrence St., Glens Falls, N. Y.

FOR SALE—50 boxes double strength 14-in. A and B glass; also one Hitcheins No. 16 corrugated fire-box boiler, in use five seasons; as good as new; wire for press, Carl Karst, Springfield, Ill.

FOR SALE—The most profitable retail cut flower store in the finest residence district of Chicago (Rogers Park); stock, ice box, counter, etc.; price, \$3000. Address A. B. care Florists' Review.

WANTED—Two young men for greenhouse work; good wages to workers. Morton Grove Greenhouses, Morton Grove, Ill.

FOR SALE—Greenhouses, 15 miles south of Chicago. Containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$5000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age.

A Decorator and Designer second to none, with best references in the country, wants a permanent position.

Address Salesman, care Florists' Review.

SPECIAL OFFER OF ARAUCARIA EXCELSA

We are offering at the present time better values in **ARAUCARIAS** than ever before. Our stock consists of over 10,000 plants in various sizes, and florists requiring this line of plants for the coming season's trade will find it to their advantage to lay in their supplies now and gain the benefit of the Summer's growth.

ARAUCARIA EXCELSA.			Each
4-inch pots, 6 to 8 inches high, 2 to 3 tiers			\$0.50
5 " " " 10 " " " 3 " "			.75
6 " " " 12 to 14 " " " 4 " "			1.00
7 " " " 20 " " " 4 to 5 " "			1.50
8 " " " 24 " " " 4 to 5 " "			2.00

ARAUCARIA EXCELSA GLAUCA.			Each
5-inch pots, 8 inches high, 2 tiers			\$0.75
6 " " " 15 " " " 4 " "			1.30

ARAUCARIA ROBUSTA COMPACTA.			Each
5-inch pots, 10 inches high, 2 tiers			\$1.00
6 " " " 12 " " " 3 " "			1.25



ARAUCARIA EXCELSA.

Our stock of **Decorative Plants** is more complete than ever and is fully described in our **Mid-Summer Wholesale Price List**.

Our display at the recent meeting of the **S. A. F. and O. H.** was awarded the **Silver Cup** offered by the **Buffalo Florists' Club** for the **Best and Most Complete Display**.

We have a large stock of these plants and can duplicate any that were exhibited. Florists will do well in anticipating their wants and placing orders now while we have a full line of sizes, and while weather will permit shipments of nearly all lines of stock by freight, at low cost of transportation.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

PANSY SEED, PALMS, PRIMULAS

Per 100
 Chinese Primulas, mixed and white, 2 1/2 in. \$ 2.00
 New Yellow Bixby Primrose, 2 1/2 in. " " 2.00
 Asparagus Plumosus Nanus, 3-in. " " 5.00
 Begonias, 3 varieties, 2 1/2 in. " " 2.00
 Lantana Borbonica, 2 1/2 in. " " 1.00
 Kentia Belmoreana, 3-in. " " 15.00
 Kentia Forsteriana, 3-in. " " 15.00
 Pansy Seed, giant and Fancy, mixed, \$4.00 per oz.

—CASH—

THE MORRIS FLORAL CO., Morris, Ill.
**ONE DOLLAR FIFTY PER 1000 FOR
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 anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. **Pifty** leaves mailed for **Ten Cents**.

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 For { Trees, Shrubs, Vines,
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THE WM. H. MOON CO.,
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Phoenix Canariensis.

Good Plants, 5 and 6-inch pots \$3.00 per dozen.

WM. B. SANDS, Lake Roland, BALTIMORE, MD.

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Burpee's Seeds Grow

Order Now for Fall Delivery.

P/ÆONY ROOTS

Large Field Clumps ... \$5.00 per 100
 Strong Divided Roots ... 10.00

Pink, White, Crimson, Red.

CHICAGO P/ÆONY FARMS, - - JOLIET, ILL.

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 ...PRINTING HOUSE...**

Nursery Seed
 Florists' **Catalogues**

87-91 Plymouth Place, Chicago.

P/ÆONY ROOTS! Great Bargain! At 1c

per stem, as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red.

Orders filled in rotation received.

BRANT & NOE, Forest Glen, CHICAGO, ILL.

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**YOU NEED IT.
 SEND FOR CIRCULAR.**

**Finley Lawn Rake Co.
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Twemlow's Old English Glazing Putty Semi-Liquid

Made only in America by **HAMMOND'S PAINT AND SLUG SHOT WORKS, Fishkill-on-Hudson, N. Y.**

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CHICAGO.

The Market.

The rose supply has improved somewhat, both in quantity and quality, but carnations are scarcer than ever. For the best roses \$4 and \$5 are still obtained, but the buyer gets a better quality for his money. From these figures prices grade down to \$1. In carnations the best bring \$1.50, while in most any kind of a carnation will bring \$1 a hundred, a remarkable price for the season. In asters the best bring \$1.50 and some very good ones are seen, but the quality averages poor and there are lots that will not bring as much as 50 cents a hundred, even with the great scarcity of carnations. Gladiolus are still to be seen in quantity and prices are very low, except for the best quality blooms of light colors; \$3 seems to be about the top price, but many are offered as low as \$1.50. There is a shortage in all green stuff, such as adiantum, smilax and asparagus.

The demand is remarkably good for the season and the shipping call is brisk.

Various Items.

The Buffalo pilgrims have been returning in small detachments and only a few are yet to be accounted for. The bowlers are being warmly congratulated on the fact that they won the Edgely cup a second time and now own it. We hear rumors of a suitable celebration in the near future.

Mr. E. E. Pieser, of Kennicott Bros. Co., has returned to the city to look after the unexpected summer business, and will stay until the end of the month. He says it is the first time in the history of the business that his house has paid expenses during the summer months.

Fred Strel will open a store at 84 Jackson street on August 20.

The bowling scores made at Buffalo will be found elsewhere in this issue of the REVIEW.

CATALOGUES RECEIVED.

Ellwanger & Barry, Rochester, N. Y., price list of pot-grown strawberries; F. Ludeman, San Francisco, Cal., wholesale price list of Japan Lily bulbs, eyes, fern bulbs, etc., and California-grown bulbs, callas, narcissus, etc.; Charles D. Ball, Holmesburg, Philadelphia, Pa., wholesale price list of palms and decorative plants; H. P. Kelsey, Tremont Building, Boston, Mass., descriptive circular of hardy American bulbs and plants; Schlegel & Fottler Co., Boston, Mass., trade list of bulbs; Wilfrid Wheeler, Concord, Mass., list of pot-grown strawberry plants; William R. Bishop, Burlington, N. J., a dainty little calendar; M. Rice & Co., 918 Filbert St., Philadelphia, catalogue of latest European novelties.

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Don't forget we are at 4 WASHINGTON
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Write for special quotations on large orders.

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37-39 Randolph Street, CHICAGO.
Roses and Carnations WHOLESALE
A Specialty.... GROWER of CUT FLOWERS

PETER REINBERG,
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600,000 FEET OF GLASS.
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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
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MOST CENTRALLY LOCATED
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All telegraph and telephone orders
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CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
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Shipping orders receive prompt and careful attention.

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SPECIAL.

McKellar & Winterson's Annual Clearing Sale.

To reduce our stock of Florists' Supplies we offer the following goods at these greatly reduced prices during the months of July and August only: Prices quoted are subject to goods being unsold on receipt of order. Get your order in quick to insure filling at these prices, which is a rare opportunity to stock up on seasonable goods.

RIBBONS—Best Florists' Salm Ribbons, any colors.
 Size..... No. 9 No. 12 No. 16 No. 22 No. 30 No. 40 No. 60
 Price per bolt, 10 yards, 70c 50c \$1.10 \$1.25 \$1.50 \$1.65 \$2.00
 We have an immense stock of Ribbons
 and can fill orders on short notice.
 400 bales Spharnum Moss, burlap, per bale, \$1.00; 6 bales, \$5.00; 10 bales, \$1.50
 500 pieces French Green Moss, per pkg., size: 10 pieces, 75c; 25 pieces, \$1.40; 50 pieces, \$2.50
 300 lbs. Tin Foil, per lb., 10c; 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$2.00; 100 lbs., \$8.00
 250 1st quality Doves..... each \$1.00; 6 for \$3.00; per doz., \$9.00
 200 rolls Chenille, all sizes and colors.
 Small..... per roll, 20c; 6 rolls, \$1.00; 12 rolls, \$1.75
 Medium..... " 25c; " 1.25; " 2.00
 Large..... " 30c; " 1.50; " 2.50
 500 Cactus Leaves, Perpetuated, finest quality all sizes.
 24 to 36-inch leaves, assorted..... per doz., \$2.00
 100 Cactus Wreaths, excellent quality 26-in., each \$1.00; 24-in., \$2.00; 30-in., \$2.50; 36-in., \$3.00; 40-in., \$4.00.

2000 Artificial Palm Plants, select stock. Small plants 4 leaves, per doz., \$3.00. Medium plants, 5 leaves, per doz., \$4.00. Large plants, 8 leaves, per doz., \$5.00. Tree Palms, 5 to 12 ft. high, \$3.00 to \$5.00 each.
 1000 Reams Tissue Paper, Manila, per ream, 40 sheets, 30c; 10 reams, \$4.25
 " White..... 1.00; " 1.50; " 2.00
 2 1/2 " Wax Manila Paper..... 1.40; " 1.50; " 2.00
 2000 Rolls Crepe Paper, fine quality, all colors, per doz. rolls, \$1.00; 100, 7.00
 600 lbs. Cape Flowers, white, 1st quality..... per lb., \$1.00; 5 lbs., 4.50
 200 " colored, all colors, 1st quality..... 1.50; 7.00
 1500 Pampas Plumes, white..... per doz., 50c; 100, 2.50
 1000 " colored, all colors..... 60c; 100, 4.00
 25000 Pot Labels, best quality
 PLAIN..... PAINTED
 4-in., per 1000..... \$0.40 4-in., per 1000..... \$0.55
 5-in., " "..... .50 5-in., " "..... .65
 6-in., " "..... .70 6-in., " "..... .80
 8-in., " "..... .90 8-in., " "..... 1.20

In addition to above stock we have an immense stock of Jardinieres, Pedestals, Plant Stands, Fern Dishes, Wheat Sheaves, Plant Trays, Cut Flower Cases, Flower Boxes, Baskets, Pot Covers, Metal Designs, in fact all leading Florists' Supplies which we are selling out at correspondingly low prices. During the months of July and August we will allow the following special discounts off our catalogue prices: On Wire Work—on orders from \$10.00 to \$25.00, cash discount of 30 per cent; \$25.00 to \$50.00, 35 per cent; \$50.00 to \$100.00, 40 per cent. On Wheat Sheaves, \$10.00 to \$15.00, 30 per cent; \$15.00 to \$30.00, 25 per cent. We make up fresh sheaves on all orders where time permits.

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

Maplewood Cut Flower and Plant Co. / GEO. M. KELLOGG, Pres.
 Growers of CUT FLOWERS at Wholesale.
 Regular shipping orders given special attention. We have the largest plant west of Chicago.
 Store: 906 Grand Ave., KANSAS CITY, MO.
 Greenhouses: Pleasant Hill, Mo.

FANCY AND DAGGER FERNS
 always on hand.
 \$1.00 per 1000. Discount on large orders. Also GREEN and BRONZE GALAX, A No. 1 stock.
 We never run out of stock.
 Place your orders with us can fill them in any amount. Write for prices on Galax
HENRY M. ROBINSON & CO.
 Tel 2618 Main. 36 Court Sq., Boston, Mass.

THE E. G. HILL CO.
 Wholesale Florists,
 RICHMOND, INDIANA.
Roses.
 Sunset, strong, clean 3-inch stuff. \$5.00 per 100.
 Also Brides and Maids same size and price.
CHARLES E. MEEHAN, Bloom and Musgrove Sts. Germantown, PHILADELPHIA, PA.
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Roses!
BEAUTIES, 3-inch, extra fine stock, \$6.00 per 100
MAIDS, BRIDES, GATES, METEORS, 3-inch, \$35.00 per 1000; 2 1/2-inch, \$18.00 per 1000; 250 sold at 1000 rates.
PEARLS, 2 1/2-inch, \$2.00 per 100
 Have 25,000 good healthy plants, free from any disease, in fine foliage, that want to be bench. It is a pity to sell them for that money, but they have to go to make room and save rehandling. Orders sent promptly and satisfaction guaranteed.
MARQUISE LITTA, 500 3-inch, \$5.00 per 100; 200 2 1/2-inch, \$4.00 per 100.
POEHLMANN BROS. CO.,
 MORTON GROVE, COOK CO., ILL.

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FIELD-GROWN PLANTS OF...
Queen Louise Carnation.
 Price \$12.00 per 100; \$100.00 per 1000.
 Over 120,000 flowers of this variety have been sold the past season and only one complaint received from our customers detrimental to their keeping qualities, and in June when this was received, White Cloud and Flora Hill were not fit to ship.
 This is the best Commercial White Carnation on the market. A continuous bloomer. Perfectly healthy and blooming freely at the present time. Send for circular.
J. L. DILLON, BLOOMSBURG, PA.
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Perte and La France Rose Plants
 La France, 4-in. pot plants..... \$10.00 per 100
 " " " "..... 6.00 " " " "..... 4.00 " " " "..... 3.00 " " " "..... 5.00 " " " "..... 5.00 " " " "..... 5.00 " " " "..... 5.00
 Bride, 3-in. pot plants..... 5.00 " " " "..... 5.00 " " " "..... 5.00 " " " "..... 5.00
 Bridesmaid, 3-in. pot plants..... 5.00 " " " "..... 5.00
J. W. COLEFELSI,
 53d St. & Woodland Ave., Philadelphia, Pa.
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GERANIUMS AND VIOLETS.
 Mars, 2 1/2-inch, big stock, \$3.00 per 100.
 Best Bedding Geraniums, 2 1/2-in., \$2.00 per 100, \$17.50 per 1000. Best Bedding Geraniums, Rooted Cuttings, \$1.50 per 100, \$12.50 per 1000.
 Violets, Strong field grown, \$4.00 per 100.
 #2 Terms cash or C. O. D.
GREENE & UNDERHILL,
 WATERTOWN, N. Y.
 Mention The Review when you write.

Always mention the Florists' Review when writing Advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERA.

Var. major and Aurea nana, \$2.00 per 100; \$18.00 per 1000. J. L. Scott, Keap St., Greenhouses, Brooklyn, N. Y.

ALYSSUM.

Double Sweet Alyssum, 7-10, \$4.00 per 100; this stock has just reached us and will give immediate returns. N. Smith & Son, Adrian, Mich.

AMPELOPSIS.

Pat-grown Ampelopsis Veitchii, any size and quantity. P. S. Wicks, New Rochelle, N. Y.
Ampelopsis Veitchii, strong 2-in., \$2.00 per 100. Girl Floral Co., Richmond, Ind.

ARAUCARIAS.

ARAUCARIA EXCELSA. The best we have ever offered in this plant.

Pots.	High.	Tiers.	Each.
4-inch	8 to 8 in.	2 to 3 \$ 5.50
5-inch	10 in.	3 7.50
6-inch	12 to 12 in.	4 10.00
7-inch	20 in.	4 to 5 15.00
8-inch	24 in.	4 to 5 20.00

ARAUCARIA EXCELSA. 4 to 5. 2.00
Pots. High. Tiers. Each.
5-inch 8 in. 2 1.75
6-inch 10 in. 4 1.50
ARAUCARIA ROBUSTA. COMPACT.
Pots. High. Tiers. Each.
6-inch 10 in. 2 1.00
7-inch 12 in. 2 1.25
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. A bargain. 400 4-year-old roots, \$15.00 per 100, or the lot for \$40.00; sold for want of height to grow. Sold 500 strings from 8 to 10 in. long this year. Will cut more and longer next. Cash with order. H. P. Owen, Toughkenham, Pa.

Asparagus plumosus nanus. Immediate delivery; 2½-in. pots, strong, \$4.00 per 100; \$35.00 per 1000.

Asparagus Sprengerii, 2½-in. pots, strong, \$4.00 per 100; \$35.00 per 1000.
Jackson & Fernald Co., Newark, New York.

Asparagus plumosus nanus, strong, 2½-in., \$2.75 per 100; \$25.00 per 1000. Asparagus Sprengerii, strong, 2½-in., \$1.75 per 100, \$15.00 per 1000. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, strong transplanted seedlings, \$3.00 per 100; \$25.00 per 1000. Chas. & Hoddington Co., 342 West 11th St., New York City.

Asparagus comorensis, 3-in., \$10.00; plumosus, 3-in., \$6.00; Sprengerii, 2-in., \$5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Asparagus Sprengerii, 2-in., \$2.00 per 100. A. Plumosus, 3-in., extra strong, \$3.00 per 100, Cash. Clark & Robb, 225 W. 18th St., Erie, Pa.

ASPARAGUS PLUMOSUS NANUS.

Cut strings 8 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengerii and plumosus, 2-in., \$5.00, 3-in., \$8.00 per 100. Walter Reiter & Co., 2945 Clarendon Ave., Chicago.

Sprengerii—We sell thousands annually. No trial for sale. Fine 2-in. \$2.00 per 100. Cash. Honey Bros., West Grove, Pa.
Asparagus, 2-in. pots, per 100; Sprengerii, \$2.00; plumosus, \$2.50. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengerii, in 4-inch, full of roots and bushy, a few hundred for \$7.00. Cash. G. H. Dodge, Bilerica, Mass.

Asparagus Sprengerii, 2-in., \$2.00 per 100. Plumosus, \$2.50 per 100. Cash with order. L. Ulrich, Hildin, Ohio.

Sprengerii, 2-in., and plumosus nanus, 2½-in., fine, \$5.00 per 100. W. G. Kraber, N-w Bedford, Mass.

Asparagus plumosus, strong plants, \$3.00 per 100; \$25.00 per 1000. W. D. Chase & Son, New London, Ohio.

A fine lot of 3-in. Sprengerii at \$5.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Fine Sprengerii and plumosus in 2 and 3-in. pots. Write Geo. K. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 2-in., \$5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus, all sizes.
A. S. MacBreen, Lakewood, N. J.
Asparagus Sprengerii, seedlings, \$1.00 per 100.
E. L. Rawlings, Quakertown, Pa.

ASPIDISTRA.

Aspidistra, Avenue—over 10 leaves to the 6-in. pot, 35¢ per plant. Mayer & Son, Willow Street, Lancaster County, Pa.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs, 7-year-old, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list.
BOBBINK & ATKINS, RUTHERFORD, N. J.

BAY TREES.

Bay Trees. Grand varieties; dense dark foliage, exhibition plants; the finest in the trade.

	Diameter	Height, at base.	Feet.	Per 100.
With tubs	14	2	\$69.00
With tubs	12	6	40.00
With tubs	10	6	20.00
With tubs	8	6	20.00
With tubs	6	2½	10.00

Splendid Standards. Height of stem 2½-3 ½ ft.
Diam. of head, 4 ft., per pair, \$25.00.
Diam. of head, 3½ ft., per pair, \$20.00.
Diam. of head, 3 ft., per pair, \$12.00.
Diam. of head, 2½ ft., per pair, \$8.00.
Cash or good references with order required. Write for catalogue of other sizes.
De Smet Freres, The Nurseries, Ghent, Belgium.

BEGONIAS.

Begonia Thurston and A. Guttata, 2½-in., 40¢ per doz.; 3-in., 60¢ per doz.; Fress. Carnot, 50¢ per doz.; Fessli and Starr, large plants, 60¢ per doz. Cash. A. J. Baldwin, Newark, Ohio.
Elegant 3-in. stock of Begonia Rex. Fifteen varieties, ready to shift, at \$10.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.
Begonias, 2½-in., 15 varieties, ready for 4-in., \$2.00 per 100. E. G. Bunyar, Independence, Mo.
Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1000. Cottage Gardens, Queens, N. Y.
Begonias, 3 varieties, 2½-in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

Solanum Capsicastrum, 3-in. pots, \$2.50 per 100. McKellar Greenhouses, Chillicothe, Ohio.

BULBS.

Calla lilies, monster bulbs, \$7.00 per 100; 6-in. circ., \$4.00 per 100; \$35.00 per 1000; 5-in. circ., \$2.50 per 100; \$20.00 per 1000; 4-in. circ., \$1.00 per 100; \$25.00 per 1000; 2½ to 3-in. circ., \$2.00 per 100; \$15.00 per 1000.
Narcissus. Paper White, \$1.00 per 100; \$7.50 per 100. N. Incomparabilis, 75¢ per 100; \$5.00 per 100. Send for price list of Japan lily bulbs; also young plants, California grown canellas and araucarias. F. Ludemann, San Francisco, Cal.

Lilium Harrisii, sound, clean stock.

5x7	.....	\$0.60	\$4.25	\$16.00
7x9	.....	1.50	10.00	36.00
9x10	.....	2.00	13.00	48.00

Freesia, extra refracta alba. 3 to 4 in. tall, 1st. \$2.00; 2nd. \$1.50; 3rd. \$1.00; 4th. \$0.50.

H. H. BERGER & CO., 47 Barclay St., New York.

Many of the best growers consider our lilies superior to any the market. You can have the same quality bulbs that they receive by ordering now. The bulbs have just arrived and are healthy, promising splendid results. 5 to 7-in. circ., \$4.50 per 100; \$40.00 per 1000. Case lots of 400 at 1000 rate; 7 to 9-in. circ., \$9.25 per 100; \$89.00 per 1000. Case lots of 200 at 1000 rate. Henry F. Mitchell, 1015 Market St., Philadelphia, Pa.

Bulbs. Ready now Callas, all sizes, Freesias and Bermuda-grown Harrisii. Special price list of young plants on request. W. W. Barnes & Son, 161 Kirtland St., Chicago.

Another well-known NARCISSES and DAFFODILS, suitable for forcing or outdoor planting. The culture of the Narcissus and the Daffodil is our specialty and we grow them to perfection. Samples mailed on application; we want all florists in the U. S. to try them this season. American Bulb Co., Atterick, Chesterfield Co., Va.

Calla bulbs, sound, full size; 100 per 1000. 2 to 4 inches in circ., \$4.00; 2½ to 3 inches in circ., \$2.00; 2 to 2½ inches in circ., \$1.00. 7½-lamen signatum, the dormant bulb—\$4.50 per 100 prepaid. Cash with order. Satisfaction guaranteed. Write to Rafferty, Hermosa Gardens, Santa Ana, Cal.

Lilium longiflorum. Cold storage bulbs, 5 to 7-in., will produce 3 to 6 flowers; \$5.00 per 100; \$40.00 per 1000. Why take chances on diseased Bermudas when you can have a sure thing? Edw. Alex. Wallace, Victoria, B. C.

Lilium Harrisii. Just arrived in fine condition, ready for delivery. Prices on all bulbs, tubs, plants and roots cheerfully given by sending your list of wants to F. W. O. Schultz, Jersey City, N. J.

Our wholesale price list of high-class bulbs for florists has been mailed to the trade. If you have not received a copy send for one now. J. M. Thornburn & Co., 26 Cortlandt St., New York City.

CALLAS AND BELLADONNAS.

CALIFORNIA NURSERY CO., NILES, CALIFORNIA.

Excelsior Tuberosus and Caladium Esculentum bulbs for December and January delivery. Write to Jno. F. Croom & Bro., Growers, Magnolia, N. C.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost prices. Just try it. Hulsebosch Bros., Englewood, N. J.

Freesia bulbs, prepaid, 1½-in. and up, \$3.00 per 1000; 4 to 5-in., \$1.25 per 1000. Cottage Nursery, 519 Fifth St., San Diego, Cal.

Bulbs, all kinds. Ask for special bulb list. BOBBINK & ATKINS, RUTHERFORD, N. J.

CACTI.

A great variety of cacti at low rates. Cutting and cacti from blooming plants, all named, \$2.25 per 100. Cash. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Cannas. F. Vaughn, Crosby, C. Henderson. A. Povyler, Burlingame, Cal. Cleveland, Robt. Christie, Egandale and Charlotte, fine plants from 4-in. pots, \$3.00 per 100. S. M. Harrison, Danville, Ky.

CARNATIONS.

FIELD-GROWN PLANTS. 2,100 White Cloud, 153 Morning Glorys, 700 Mary Wren, 250 Marquies, 2,000 Pink and Red, 2000 White, 2000 Flora Hill, 450 Crest, 100 Perry, 300 American, 2,400 Crocker, 275 Olympia, 225 Scott, 300 Finger, 750 Cynthia, 100 Daybreak.

At \$5.00 per 100 for 1st size; \$3.00 per 100 for 2nd size.
400 4-inch-b, 3rd size, at \$1.50 per 100. Lawson and Glaser all sold.

Our plants are the finest we ever grew and are barely 1st size. No more planting our own houses. Cash or C. O. D. from unknown parties.

W. J. M. S. VESEY, Fort Wayne, Ind.

FIELD-GROWN CARNATIONS.

4,000 Scott, 1,000 Margot, 4,000 Daybreak, 200 Ethel Crocker, 2,000 Fisher, 200 Frazzi, 2,000 Foster, 250 Goodenough, 1,000 Grant, 1000 Glastonbury, 1,000 Macrao, 1000 Rosewell, 1,000 Prosperity.

For prices write to W.M. SIMS, Cliftondale, Mass.

Mrs. Scott, Webb, Bon Ton and Empress carnation plants. Fine stock, ready Aug. 20, \$5.00 per 100; \$100.00 per 1,000. Albert H. Brown, Westboro, Mass.

Field-grown plants of QUEEN LOUISE, the best commercial white now on the market, \$12.00 per 100; \$100.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

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FIELD-GROWN PLANTS.

We offer fine, strong, field-grown carnation plants as follows:
Flora Hill.....\$5.00 per 100; \$40.00 per 1000
White Cloud.....5.00 per 100; 40.00 per 1000
America.....5.00 per 100; 40.00 per 1000
Crown.....6.00 per 100; 50.00 per 1000
Triumph.....5.00 per 100; 40.00 per 1000
Sport.....5.00 per 100; 40.00 per 1000
Maudslayi.....7.00 per 100; 60.00 per 1000
Send in your orders early.

WESBOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO.

Field-grown, clean, bushy plants, ready for shipping, \$2.50 per 100:

- Flora Hill.....Triumph.
Glacier.....Mrs. F. Joost.
Mary Wood.....Cecile Queen.
John Young.....America.
Evelina.....Bon Ton.
Lizzie McGowan.....Major Pingree.
Armazindy.....Gen. Gomez.
Wm. Scott.....Victor.

H. W. DUCKBEE, Rockford, Ill.

15,000 field-grown plants of Scott, Gomez, America, Armazindy, Sandusky, Flora Hill, Major McGowan.

Largest size, \$8.00 per 100; 2nd size, \$5.00 per 100. Check with order. Half remittance if you order.

Chas. Rayner, Roseview Greenhouses, Anchorage, Ky.

Fine field-grown carnation plants. We have a surplus of a few hundred each of Melba and McGowan at \$6.00 per 100; Lord, Crocker, Gomez and Joost at \$7.00 per 100. Cash with order; satisfaction guaranteed. C. H. Green, Fremont, Neb.

Field-grown carnations. Cloud, Hill, Joost, Glacier, Victor, America, Evanston, \$5.00 per 100; Crocker, \$6.00 per 100; Lord, \$7.00 per 100. Elm City, \$8.00 per 100. Estabro, \$10.00 per 100. Dana R. Herron, Olean, N. Y.

Field-grown carnation plants. 100 Perf, 250 Lord, 500 Crocker, 300 Armazindy, 600 Crane, 600 Triumph, 600 Daybreak and 100 F. Hill, \$6.00 per 100. Cash with order. W. Sabransky, Kenton, Ohio.

Field-grown carnations. Morning Glory, Flora Hill, Scott, Floral Wave and other leading sorts. Address for prices Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Carnations. Field-grown plants for latter part of Aug. and Sept. delivery. For prices and varieties write H. Weber & Sons, Oakland, Md.

Carnations. Leading varieties, strong field-grown plants, \$5.00 per 100. C. Hansen, Wholesale Florist, St. Paul, Minn.

Field-grown carnation plants now ready. For price and varieties write C. Akhurst & Son, White Marsh, Md.

Field-grown carnation plants. All the standard varieties. Mrs. A. M. Schater, 271 Baltimore Ave., Chicago.

Field-grown plants of IRENE ready Aug. 20. See for carnation list. Crabb & Hunter, Grand Rapids, Mich.

Carnations. Place your order now for field plants for fall delivery. Geo. Hancock & Son, Grand Haven, Mich.

Carnations. Rooted cuttings and fall plants in their season. William Swayne, Kennett Square, Pa.

For carnations write F. Dornier & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Good plants from 2 1/2 and 3-in. pots in following varieties: Walter Molnatch, Harry A. Parr, Evelynne, Philadelphia, Wm. Simpson, Yellow Queen, Nancy, Pride of Stokill, Gasteller, Yellow Fitzwygram, Lady Fitzwygram, Mrs. Geo. Bramhall, Silver Wedding, Pennsylvania, Polly Rose, Glory of Pacific, Florence Pullman, Mrs. Whildin, Ruth Ellis, Pres. Smith, J. H. Smith, W. R. Smith, Mrs. Montgomery, Ivory, Pink Ivory. About 3000 in all at \$2.00 per 100; \$17.50 per 1000; \$45.00 for the lot. Bargain for anyone that can use them. Geo. Darsley, 176 Claremont Ave., Jersey City, N. J.

Chrysanthemums, strong, rank-growing plants from 3-in. pots of the following varieties: White-Western King, Kate Brown, Queen, Niveus, Pink W., Mrs. Smith, Mrs. Murdoch, Mrs. Perrin, Higginbotham, Yellow Major Bonnard, Madeline, Mrs. C. J. Smith, \$2.00 per 100; \$12.00 per 1000. Must have room. Mrs. J. W. Crouch, Chattanooga, Tenn.

Chrysanthemums, new and old varieties. A large stock of young, thrifty plants during August. Our selection, all good varieties, \$2.50 per 100. H. Weber & Sons, Oakland, Md.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2 1/2 feet high and is perfectly self-supporting; beautiful foliage, a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, \$25 each; \$3.50 per doz.; \$25.00 per 100. James Niven, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums, \$3.00 per 100. Boehman Bros. Co., Morton Grove, Ill.

COLEUS.

Coleus, a choice collection of 15 varieties, strong, 7 1/2-in. \$1.00 per doz.; \$10.00 per 100. Liberty Plant Co., Springfield, Ill.

Coleus, 2-in., \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas, strong fine plants, \$3.00, \$4.00 and \$5.00 per doz. Special prices on larger sizes. Cincinnati Floral Co., 2329 Harrison Ave., Cincinnati, Ohio.

Cycas revoluta, long-leaved sort, \$3.00 per 100 lbs. in from 1 to 1 1/2 lbs. H. H. Berger & Co., 47 Barclay St., New York.

Cycas. Ask for special price list. BOEBINK & ATKINS, RUTHERFORD, N. J.

CYCLAMEN.

Cyclamen grand sp. Special fine strong plants in 3-in. pots in different colors, \$7.00 per 100. Will give good satisfaction for Christmas. J. H. Finner, West Hoboken, N. J.

Cyclamen. Peristum and algatum for Christmas blooming; fine large plants, 3-in., \$5.00; 4-in., \$6.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen. About 250 nice plants, 3-in. pots, \$7.00 per 100. Cash L. G. Bolton, Bennington, Vt.

DRACÆNAS.

Dracaena Bruniata, as hardy and as useful as a Rubber plant. Each. Dozen. 5-inch.....15 to 18 in. \$0.35 \$4.00 6-inch.....15 to 18 in. \$0.45 \$5.00

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Dracaena indivisa, 3 1/2-in. pots (pot bud and ready for a shift), 18 to 20 inch high, 25¢ each; \$2.50 per doz. Cash. L. G. Holton, Bennington, Vt.

Dracaena indivisa, 6-in. pots, large plants, \$5.00 per 100. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

FERNS.

50,000 Boston ferns. Small plants, \$5.00 per 100; \$40.00 per 1000. Large plants, \$6.00 per 100; \$50.00 per 1000. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

Boston Ferns. Extra fine stock from benches. Small plants, per 100, \$5.00; per 1000, \$40.00. Large plants, per 100, \$10.00 to \$25.00. Very bushy plants, per 100, \$50.00 to \$100.00. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

FERNS. Over 600,000 of all the leading varieties now ready for distribution; fine young stock. Our selection, \$3.50 per 100; \$30.00 per 1000.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillette, Southwick, Mass.

Ferns. We have at all times a nice variety of ferns in 2 1/2-in. pots, suitable for fern young stock. Our selection, \$3.50 per 100; \$30.00 per 1000. H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Ferns, beautiful varieties of native and British. Eikhorn, Polyp. aureum, climbing, 1000 and 10 to 25 cents. E. B. Baker, N. W. Wood, Ontario.

Nephrolepis Exaltata Bostoniensis, the handsomest decorative plant in cultivation, \$5.00 per 100; \$40.00 per 1000. Fred C. Becker, Cambridge, Mass.

Dagger fern plants, grown in field, from 1 to 1 1/2 ft. high, \$6.00 per 100; \$50.00 per 1000. H. H. Finner, West Hoboken, N. J.

Boston ferns, all sizes. Ask for special trade list. BOEBINK & ATKINS, RUTHERFORD, N. J.

Adiantum Farleyense, 1 1/2-in. pots, pot-bud and ready for a shift, \$3.00 per doz.; \$75.00 per 1000. Cash. Dean & Farse, Summit, N. J.

See page 4 varieties and prices also our display cards, in this issue. The Geo. Wittbold Co., Inc., Buffalo, N. Y., Plants, Chicago.

Boston ferns, large plants, both hard, ready for 6-in. pots, \$2.00 per doz.; \$15.00 per 100. Cash. Roney Bros., West Grove, Pa.

Fine 3-in. Adiantum capillus veneris for fern bedding, \$2.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

1500 Adiantum Cuneatum, 5-in. pots, \$2.00 per 100; \$100.00 per 1000. A. No. 1 stock. DeWitt Bros., Newburgh, N. Y.

Adiantum cuneatum, strong 2-in., \$2.00 per doz.; \$25.00 per 1000. Cash. Clark & Robb, 225 W. 15th St., Erie, Pa.

Boston ferns in all sizes. Write Geo. A. Kuhl, Felkin, Ill.

FRUIT PLANTS.

POT GROWN STRAWBERRY PLANTS. For the best stock of these plants send to: Wilfrid Wheeler, Concord, Mass. Special attention given to all florists orders. I have 15 varieties, but the MINUTE MAN leads them all. Price list free.

GERANIUMS.

For the spring of 1902 we shall offer, after 2 years' trial, the following new geraniums: J. D. Eisele-Color, purest wine red; single. A zone of brilliant and new colors. Throwing immense trusses, perfectly unroof. James Davidson-Color, true lilac; single. A zone of colors not previously found among geraniums; trusses of immense size, on long rigid stems, novelty and very floriferous. A striking novelty. We also have two new Mars variety: Jupiter, purest scarlet and Venus, pale salmon. H. Eichholz, Waynesboro, Va.

Geraniums from 2 1/2-in. pots. Fivanti, best semi-double scarlet, \$1.25 per 100; \$12.50 per 1000. Best double, crimson, and F Perkins, best old pink, \$1.50 per 100; \$15.00 per 1000. Mme. Sallcock, \$1.00 per 100. Turkey Plant Co., Springfield, Ill.

Mars, 2 1/2-in., big stock, \$3.00 per 100. Best bedding geraniums, 2 1/2-in., \$2.00 per 100; \$17.50 per 1000. Rooted cuttings, \$1.50 per 100. W. S. D. Geraniums, 2-in., \$1.50, 3-in., \$2.50 per 100. E. I. Rawlings, Quakertown, Pa.

GLADIOLI.

Fine, cut gladioli throughout the season. Mrs. A. H. Austin, Charlestown, Portage Co., Ohio.

HARDY PLANTS.

Baltimore Nurseries, Wholesale and Retail. We offer for fall 1901 and spring 1902 a full line of fruit, shade and ornamental trees, shrubs, Evergreens and Roses, Japan Fern, Seedlings, All reach pits. Dealers' trade specialty. All stock fumigated and free of disease. Send us a list of your wants. Franklin Davis Nursery Co., Baltimore, Md.

Hardy herbaceous plants including lilies, orchids, water plants, hardy pinus, delphiniums, etc. Lychins, campanulas, dianthus, digitalis, Heuchera sanguinea, etc. Catalogue sent. Edw. Gillett, Southwick, Mass.

25 cims. 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Dicentra spectabilis, strong field grown plants, \$1.00 per doz.; \$10.00 per 100. Will book for our fall delivery. Hall's Nurseries, Cherry Valley, Ill.

A full line of fruit, ornamental and shade trees, hardy plants, climbing, etc. Send for our catalog. Ellwanger & Barry, Rochester, N. Y.

Everything in ornamental trees, shrubs, vines, etc. for catalog and price list. Write for prices. W. & T. Smith Co., Geneva, N. Y.

Hardy plants, bulbs and roots for fall planting. Send for our fall list. Vick & Hill Co., Rochester, N. Y.

Trees and ornamental shrubs. Evergreens a specialty. R. Douglas's Sons, Waukegan, Ill.

For hardy herbaceous perennials write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

HYDRANGEAS.

Hydrangeas, pink and blue, mixed; also paniculata, all in 2 1/2-in. pots; fine plants, \$3.00 per 100. W. G. Kraber, New Bedford, Mass.

Hydrangea Okaka, rooted cuttings from field-grown plants, \$1.00 per 100. C. D. Dahn & Son, Westfield, N. Y.

Hydrangea paniculata grandiflora, 3 to 4 and 5 to 6 in. high. Elizabeth Nursery Co., Elizabeth, N. J.

MUSHROOM SPAWN.

We furnish nothing but first class mushroom spawn. What will be of most value to you is labor worth unless you have a good quality. Write us, naming quantities wanted. Prospect Greenhouses, Belmont, Mass.

Our superior brand English mushroom spawn just received in perfect condition. 25 lbs. \$1.75, 50 lbs. \$2.90; 100 lb. \$5.00. 200 lbs. and over 50% rate. J. H. F. Myers, 1015 Market St., Philadelphia, Pa.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids of various novs in sheath and spike. Correspondence solicited. Lacer & Hurrell, Summit, N. J.

Strong, well established healthy plants at \$5.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Paeonies, red, a variety, pink, white, assorted, strong field-grown clumps, \$1.00 per doz. Strong divided roots, \$1.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Paeony roots at 1c per stem as shown on clumps, this year's growth. Fall planting during Sept. and Oct. Colors, rose, pink and red. Grant & Sons, Forest City, Pa.

Paeony roots, order now for fall delivery. Large field-clumps, \$25.00 per 100; strong dividers roots, \$10.00 per 100. Chicago Paeony Farms, Joliet, Ill.

Paeonies, 5 cents to \$25.00 each. Send to C. S. Harrison, Select Nursery, York, Penn., \$6.00, for free paeony pamphlet.

70,000 paeonies, named varieties. Send for list. Elizabeth Nursery Co., Elizabeth, N. J.

PALMS, ETC.

To make room I offer PALMS of the most profitable sizes for growing on. They are home-grown (never been senesced), strong and healthy. Free from insects and disease and just the kind of plants that will grow rapidly into money.

ARECA LUTESCENS.

	Inch pots.	high.	Per 100.	Per doz.
1 plant	4	15	3.00	\$3.00
1 plants	4	15	3.00	25.00
1 plants	4	20	9.00	75.00
1 plants & Nov.	6	24	12.00	100.00

	Inch pots.	high.	Per 100.	Per doz.
1 plants	8	30	\$2.50	\$30.00

KENTIA BELMOREANA.

	Inch pots.	high.	Per 100.	Per doz.
1 plants	3-4	12	1.00	12.00
1 plants	3-4	15	\$1.50	\$12.00
1 plants	4-5	10-12	2.50	25.00
1 plants	4-5	15	4.00	35.00
1 plants	4-5	20	9.00	75.00
1 plants	4-5	25	15.00	150.00

	Inch pots.	high.	Per 100.	Per doz.
1 plants	6	24	\$1.25	\$15.00
1 plants	6-7	26-28	1.50	18.00

	Inch pots.	high.	Per 100.	Per doz.
1 plants	4	12	\$1.50	\$15.00
1 plants	4	15	4.00	35.00

	Inch pots.	high.	Per 100.	Per doz.
1 plants	5	24-28	\$1.00	\$12.00
1 plants	5	30	1.25	15.00
1 plants	5	32-32	1.50	18.00
1 plants	6-7	30-30	2.00	24.00

JOSEPH HEACOCK, Wynote, Pa.

The palms offered here are perfect, most of them having the seed leaves still attached, a proof in itself that the plants are grown carefully. They are stocky, clean and of good color.

	Inch pots.	high.	Per 100.	Per doz.
5-in. pots, 3 to 7 leaves	3	5	\$4.00	40.00
5-in. pots, 6 to 8 leaves	4	9.00	7.00	70.00
7-in. pots, 7 to 9 leaves	5	12.00	9.00	90.00
8-in. pots, 9 to 12 leaves	6	22.00	17.00	170.00

KENTIA BELMOREANA.

	Inch pots.	high.	Per 100.	Per doz.
4-in. pots, 6 leaves	4	12	1.00	12.00
4-in. pots, 7 leaves	4	15	\$1.50	\$15.00
5-in. pots, 7 leaves	5	9.00	7.00	70.00

KENTIA POLYSPERMA.

	Inch pots.	high.	Per 100.	Per doz.
4-in. pots, 4 to 6 leaves	4	5	33.00	330.00
5-in. pots, 5 to 7 leaves	5	9	30.00	300.00

WALTER RETZGER & Co., 2045 Claydon Ave., Chicago.

To make room we offer at following prices, good, hard, cool-grown stock

300-5 in. Kentia Belmoreana..... \$3.50 \$35.00
100-5 in. Latania socrata..... 5.00 50.00
500-5 in. Pandanus utilis..... 12.00 120.00
All plants shipped in paper pots unless otherwise specified.

GROVEDALE NURSERIES, A. Mallon, Jr., Mr. Fisher's Lane and Wyoming Ave., Philadelphia.

LATANIA BORONICA. 2000 cheap for cash.

Inch	Price.	Per 100.	Per doz.
3 to 8 1/2	3 to 4	\$0.65 \$4.50	\$4.00 \$33.00
4 to 10	3 to 5	.13	1.20 10.00 \$5.00
5 to 10	4 to 5	.20	2.00 16.00 \$8.00
6 to 20	5 to 6	.45	4.50 36.00 \$50.00
7 to 25	5 to 6	.70	7.00 56.00
8 plants in 5-in. pots, 24 to 27 inches high	8 to 10 leaves	\$1.10 each	\$11.00 per 100, \$90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, N.E.B.

Palms and Decorative Plants. The stock I now offer is exceptionally fine, and I feel confident it will give full satisfaction. Areca lutescens—Clean, strong, well furnished, bushy plants in 4-in., 6-in., 8-in. and 10-in. pots; all sizes have 2 to 4 pots. Kentia Fosteriana—All varieties, extra well furnished plants in 3-in., 4-in., 6-in., 8-in., 10-in., and 14-in. pots; the 8-in. and 10-in. are 3 in a pot and have 14 to 15 leaves. Latania Boronica—4-in., 6-in., 7-in., 8-in. and 10-in.; very fine, stocky plants; the 8-in. have 3 in a pot. Pandanus Vetchii, Pandanus UTILIS, Draecena Terminalis, Draecena Sanderiana, Phoenix Canariensis, Croca Weddeliana, Ficus Elastica, Ficus Religiosa, Lemuel Ball, Wisconsin, Philadelphia, Pa.

SPECIAL VALUES.

Kentia Belmoreana.....	Per doz.
2-inch (strong plants).....	\$4.25
4-inch (strong plants).....	4.25
Latania Boronica.....	4.00
6-inch, extra value.....	6.00
8-inch, extra value.....	12.00

Large palms, 3 Phoenix rufipoda, 7 to 8 ft.; 6 Kentia reclinata, 5 to 6 ft.; Pandanus utilis, 9 ft.; Pandanus Vetchii, 7 to 8 ft., for sale cheap or will exchange for smaller plants. McKellar Greenhouses, Chillyville, Pa.

PALMS. The stock I offer for the coming season is fully up to my usual high standard of excellence. Descriptive price lists now ready, mailed free upon application.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Kentias in all sizes. Ask for special trade list.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Get our prices on Kentias, Phoenixes and Rubbers and other stock with imported plants. P. J. Berckmans Co., Augusta, Ga.

Palms, per 100: Latania boronica, 2 1/2-in., \$4.00; Kentia Belmoreana and Fosteriana, 3-in., \$4.00; Morris Flax Co., Morris Ill.

For list of varieties and prices see our display ad, in this issue. The Geo. Whitcomb Co., 1657 Buckingham Place, Chicago.

Phoenix canariensis, good plants from 5 and 6 inches, \$4.00 per doz. W. B. Sande, Lake Roland, Baltimore, Md.

Latania boronica, elegant 3-inch stock, \$5.00 per 100; \$45.00 per 1,000. J. E. Heiss, Dayton, Ohio.

Palms. Latania boronica, 4-in., \$1.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

PANSIES.

Try a few hundred of mine, alongside of any other strain grown for comparison; we will both be the gainer by this trial for you will have found the very best pansies and I will have gained another regular customer. Plants only. I spend too much care and money on my seed and offer you plants like the following prices. Free by mail 75c per 100 or \$20 for \$1000 by express at your expense, \$4 per 1000; \$20 for \$1000. A. M. Herr, Lancaster, Pa.

Young plants of an extra fine strain of large-blooming pansies, ready about Sept. 15th, 50c per 100 by mail; \$4.00 per 1000 by express. S. Dunton, West 12th St., Holland, Mich.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Exchange Co., Chicago.

POINSETTIAS.

Poinsettia pulcherrima. Fine stock, 2 1/2-in. pots, \$10.00 per 100. S. Muir, 3529 Michigan Ave., Chicago.

Poinsettia, 2 1/2-in. pots, \$5.00 per 100. Underwood Bros., Columbus, Ohio.

"The Classified Ads. bring big returns" is the verdict of the advertisers.

PRIMROSES.

Chinese primulas, mixed and white, 2 1/2 in., \$5.00 per 100. New Yellow Baby Primrose, 2 1/2 in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

Chinese, single, mixed, \$2.00 per 100. Obconical ailed and roses, \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Primroses, single, named, \$2.00 per 100; double, named, \$3.00 per 100. John F. Rupp, Shreveport, La.

Primroses. Fine plants, \$2.00 per 100. Cash, please. J. W. Miller, Hatton, Pa.

Baby Primroses, 2-in., \$1.50 per 100. M. J. Coventry, Fort Scott, Kan.

ROSES.

Roses. This stock is right and is just what you want. Orders of 1,000 or more 5 cent discount for cash.

	Per 100.	Per doz.
500 Beauties	3 in.	100 1000
1,000 Beauties	2 1/2 in.	600 6000
5,000 Meteors, extra fine	3 in.	300 2500
4,000 Brides	3 in.	400 2500
4,000 Brides	2 1/2 in.	200 1800
4,000 Maids	3 in.	300 2500
4,000 Maid	3 in.	300 2500
4,000 M. Cochet	3 in.	300 2500
3,000 M. Cochet	2 1/2 in.	200 1800
1,000 Golden Gate	2 1/2 in.	200 1800

Clean, bushy stock. Send us your order at once. Lakeview Rose Gardens, Jamestown, N. Y.

Rose Plants. Guaranteed absolutely free from mildew or red spider. Strong, healthy plants. \$1.00 per 100. Per 100, \$10.00.

2000 Bridesmaids, 3-inch	3.00	\$30.00
300 Bridesmaids, 2 1/2-inch	3.00	25.00
200 Brides, 3-inch	4.00	35.00
400 Brides, 3-inch	3.00	30.00

Per 100.

200 Meteor, 3-inch	\$3.50
200 Meteor, 2 1/2-inch	\$3.50
200 Hoste, 3-inch	3.50
150 Testout, 3-inch	3.50
100 Ben Silens, 3-inch	3.50
100 Cushn, 3-inch	3.50

Write for prices on chrysanthemum plants.

M. GASSER, CO., Cleveland, Ohio.

Roses. All stock and ready now.

300 Bridesmaid, 4-inch, \$7.00 per 100.
200 Brides, 4-inch, \$1.00 per 100.
200 Brides, 3-inch, \$1.00 per 100.
300 Brides, 2 1/2-inch, \$4.00 per 100.
250 Liberties, 2 1/2-inch, \$4.00 per 100.
1000 Bridesmaids, 3-inch and Brides, 3 1/2-inch, \$5.00 per 100; \$45.00 per 1,000.

W. F. KASTING, 481 Washington St., Buffalo, N. Y.

Perle and La France rose plants.

La France, 4-in., \$10.00 per 100.
La France, 3-in., \$6.00 per 100.
La France, 2 1/2-in., \$4.00 per 100.
Perle, 3-in., \$5.00 per 100.
Perle, 4-in., \$5.00 per 100.
Brides, 3-in., \$5.00 per 100.
Bridesmaids, 3-in., \$5.00 per 100.

W. Colburn, 83 and Woodland Ave., Philadelphia, Pa.

Roses. Extra fine plants on their own roots for winter forcing. Bride, Maid, Meteor, Kaiserin, Golden Gate, Perle, 3-in., \$7.00 per 100; 4-in., \$10.00 per 100.

Liberty, 3-in., \$8.00 per 100; 4-in., \$12.00 per 100. Grafted Liberty, 3-in., \$15.00 per 100. Our Liberty roses, both grafted and on their own roots, are in extra fine condition and perfectly healthy. No black spot.

J. L. DILLON, Bloomberg, Pa.

25,000 good, healthy rose plants. It is a pity to sell them at these prices, but we must have them! Brides, Maid, Meteor, Kaiserin, 3-in., \$5.00 per 100. Perle, 2 1/2-in., \$2.00 per 100. Brides, 3-in., \$5.00 per 100; 200 2 1/2-in., \$4.00 per 100. Orders filled promptly. Satisfaction guaranteed. The Columbia Rose Co., Morton Grove, Ill.

New rose climbing CLOTHIDE SOUPERT. Originated by George Otto in 1897; by his vigorous grower and profuse bloomer; perfectly hardy New strain, strong field-grown plants, 2 to 2 1/2 ft., \$2.00 per 100. \$20.00 per 1,000. Per 1000, \$20.00.

PINK GOLDEN GATE is offered by several good growers and by ourselves at \$2.00 per 100. The only Pink Golden Gate you can buy with **WHITE GOLDEN GATE** in June, 1902. See adv. on page 87, issue of April 13. American Rose Co., Washington, D. C.

15,000 Brides and Maids, Grand stock. Big, healthy plants—early results. 3-in. Brides, \$3.50 per 100; \$30.00 per 1,000. 3-in. Maids, \$2.50 per 100; \$25.00 per 1,000. Plants ready for sale. \$15.00 per 1000. W. H. Gullett & Sons, Lincoln, Ill.

Rose Sunset, clean, 3-in. stuff, \$5.00 per 100. Brides and Maids, same size and price. Chas. E. Meahan, Bloemum and Musgrove Sts., Germantown, Phila., Pa.

Extra fine stock— Per 100, 1000.
 American Beauty, 3-in. pots.....\$7.00 \$60.00
 Bride, 4-in. pots..... 6.00 60.00
 Bridemaid, 3-in. pots..... 4.00 35.00
 Meteer, 2-in. pots..... 4.00 35.00
 W. T. & F. P. Butz, New Castle, Pa.

Grafted BRIDES and MAIDS, strong plants from 4-in. pots, \$1.50 per 100. 75 grafted LIBERTIES, 4-in., \$18.00 per 100. 75 LIBERTIES, own root, 4-in., \$12.00 per 100. Christ. Hansen, Wholesale Florist, St. Paul, Minn.

Roses, surplus stock; several hundred of each. Kaiserin, \$12.00 per 100; Maids, Brides, 2½-in., \$1.50 per 100; Perles, Golden Gate, 2-in., \$1.00 per 100. McKellar Greenhouse, Chillicothe, Ohio.

Bride and Bridemaid, from grafted plants potted in sterilized soil, from 4-in. pots, \$3.00 per 100. Geo. L. Parker, 307 Washington St., Rochester, Mass.

Fine strong plants of Bride, Bridemaid and Golden Gate roses, 2½-in. pots, \$2.00 per 100; \$18.00 per 1000. Mrs. J. W. Crouch, Chattanooga, Tenn.

Roses, Bridemaids, Brides, Golden Gate and Meteor, fine stock; to close out, \$4.00 per 100. Robert F. Tesson, West Forest Park, St. Louis, Mo.

Roses in 2½-in. pots: Kaiserin Augusta Victoria, Brides and Bridemaids, \$2.00 per 100. Cash with order. Mercer Floral Co., Trenton, N. J.

3000 Bridemaid, Bride, Golden Gate, 4-in. pots, cheap to make room. Jos. R. Freeman, 612 13th St., N. W., Washington, D. C.

Roses. A few hundred good plants, left from our own planting in 2-in. and 3½-in. sizes. Write Weber & Sons, Oakland, Md.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbitt & Atkins, Rutherford, N. J.

Roses, good strong 2-in. 150 Brides, 150 Bridemaids and 25 Perles at \$3.50 per 100. Harry White, New Holland, Ind.

Meteor, Bride and Maid roses, 3½-in., \$3.50 per 100; \$30.00 per 1000. Very choice. Brant & Nos. Forest Glen, Chicago.

Roses, 300 Woottons, 1000 Perles, 700 Maids, 1900 Brides, 150 Liberties, 50 Carnots. Write Geo. A. Kuhl, Pekin, Ill.

Roses in large quantities. We have a bargain in Crimson Ramblers, Elizabeth Nursery Co., Elizabeth, N. J.

Maids, Brides, Meteors and Kaiserin, 2½-in., \$2.00 per 100; \$18.00 per 1000. Krueger Bros., Toledo, Ohio.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.

To make room we offer a large lot of fine plants at following low prices:

Pots.	Height.	12	100.
6-in., 1st size, 18 to 24 inches.....		\$3.50	\$30.00
6-in., 2d size, 12 to 15 inches.....		4.75	35.00
6-in., branching, two or more shoots, 7.90		60.00	

All plants shipped in paper pots unless otherwise ordered.
 GROVEDALE NURSERY, A. Mallon, Jr., Mgr., Fisher's Lane and Wyoming Ave., Philadelphia.

FICUS ELASTICA.

Pots.	High.	12	100.
4-inch.....	10 to 12 in.	\$1.00	\$8.00
6-inch.....	20 to 24 in.	9.00	75.00

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

RUSSELLIA.

Russellas multiflora and elegantissima, extra fine plants in bloom, 60c per doz.; \$4.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

SALVIA.

Salvia splendens, from pots, \$3.00 per 100. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

SEEDS.

DO YOU WANT THE FINEST PANSIES?
 THE JENNINGS STRAIN.

They are all right. New crop seed now ready. Finest mixed, by mail pkt., \$1.00; ¼ oz., \$3.00; 1 oz., \$5.00. Separate colors, 50c to \$1.50 per pkt. Plants in September, \$4.00 per 1000. Cash with order.
 E. B. JENNINGS, L. B. 254, Southport, Conn. GROWER OF THE FINEST PANSIES.

Pansy seed. You want the best. Griffith & Turner Co.'s Extra Blochee mixed, ¼ oz., \$1.25. Giant Trimardeau, choice mixed, ¼ oz., 50c.
 Cineraria—Grand Prize, grandiflora, pkt., 25c. Grand Prize, dwarf, pkt., 25c.
 Griffith & Turner Co., Seedsmen, Baltimore, Md.

Asparagus p. nanus (true sort).....	\$0.65	5.00
Asparagus Sprengeri.....	45	2.00
Asparagus, true sort.....	40	1.50

Special prices on larger lots:
 Cyclamen Giganteum Persicum—1000, 7.00
 C. pure white.....40.00 25.00
 White with red eyes.....75 6.00
 Bright rose.....75 6.00
 Atro. rubrum, fiery crimson.....75 6.00
 Best Germania maxima or Mass. 500 seeds, 25c; 3000, \$1.00.
 Calceolaria maxima or nana; 500 seeds, 25c; 3000, \$1.00.
 Calceolaria shrubby sort; pkt., 25c.
 Best Germania maxima or Mass. 500 seeds, 25c. Send for our well illustrated catalogue; contains many interesting novelties. Address H. H. BRIDGER & O., 47 Barclay St., New York.

XXX Pansy seed of finest Giants, the best of the mammoth flowering varieties, critically selected, \$2.00 per 100. A. F. Belcher, Foxboro, Mass.
 Pansy "Buffalo," new giant, fringed and ruffled, mixed, 800 seeds, 50c. Cineraria, best of choice, 500 seeds, \$1.00. Primula hybrid, 1000 seeds, 60c. Chinese primrose, 500 seeds, \$1.00. A pkt. of the new never-blooming forget-me-not, "Ond Germany," added, every order. John F. Rupp, Shiremanstown, Pa.

Choice strains, crop 1901. Pansy seed, superb show mixture, trade pkt., 25c.; ¼ oz., 75c.; 1 oz., \$2.00. 25 Finest Giant Varieties, trade pkt., 25c.; ¼ oz., 40c.; 1 oz., \$2.00. Cineraria, Giant Prize strain, mixed, trade pkt., 75c.; Polyantha (Cruentia hybrid), trade pkt., \$1.00. Calceolaria, Giant Prize, superb, mixed, trade pkt., 60c.; ¼ pkt., 25c. W. C. Becker, Allegheny, Pa.

Pansy seed. Roemer's Superb Prize Pansies, improved strains, new crop from this year ready now. (My own growing.) This new mixture, \$2.00 per 100. Very finest selected plants of all the leading novelties and art colors. My own selection on my trip last year to Germany. Mixed, 500 seeds, every doz. of 2000 seeds, \$1.00; ¼ oz. \$1.50; ½ oz. \$2.75; 1 oz. \$5.00; Peter Brown, Lancaster, Pa.

Pansy seed. "Barnard's Florist Mixture is a big hit. It gives you pansies that sell. Trade pkt., 25c.; ¼ oz., \$1.00; ½ oz., \$4.00; 1 oz., \$7.00. Choice strains, trade pkt., 75c.; ¼ oz., \$1.00. Primula, Cineraria and Calceolaria seed, trade pkt. 50c. W. W. Barnard & Co., 191 Kinzie St., Chicago.

FRESH SMILAX SEED, 25c per doz.; \$2.00 per lb. Write for prices in quantity.
 Order taken for Cobaea scandens and Asparagus Sprengeri.
 Mrs. Theodosia B. Shepherd, Ventura-by-the-Sea, Cal.

Zirngiebel's GIANT MARKET and FANCY pansies. New crop seed now ready. Trade pkts. of these celebrated strains, \$1.00 each. Also separate colors, blue, red, black, white and yellow. Dony's Seed Co., Newark, N. J.

Our wholesale price list of high-class seeds for florists has been mailed to the trade. If you have not received a copy send for one now. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Kentia seed that will grow. New crop just to hand. Forsteriana and Belmoreana, \$4.00 big size, per box of 2000 seeds, \$17.50. Cluck & Boddington Co., 342 West 14th St., New York City.

Seed of Giant of California pansy, 25c per trade pkt., \$4.00 per ¼ oz.; \$2.00 per 1/8 oz. by mail. Orders from seedsmen not accepted. A. Mitting, Loomis, Cal.

Seeds. Choice varieties of melon, tomato, cabbage, onion, sugar corn, pea plant and pepper seed. Send for list. Wm. R. Bishop, Burlington, N. J.

Pansy seed; new crop; my own sowing; every color, shade and size. 1000 seeds, \$1.00 per ¼ oz.; \$4.00 per oz. F. Brill, Hempstead, L. I., N. Y.

Pansies worth raising. Good seed—as usual—2-1/2 oz. \$1.00; 1/2 oz. \$4.00. Chas. Soltan, 129 Grant Ave., Jersey City, N. J.

Wholesale price lists for florists and market gardeners.
 The Burpee & Co., Philadelphia, Pa.

Ne Plus Ultra pansy seed, \$4.00 per oz. Cash. Jos. H. Cunningham, Delaware, Ohio.

Pansy seed, Giant and Fancy, mixed, \$4.00 per oz. Morris Floral Co., Morris, Ill.

SMILAX.

Fine Smilax, 3-in., \$2.50 per 100; \$20.00 per 1000; 600 at 100 rate. Charles E. Meehan, Sioux and Musgrave Sts., Germantown, Pa.
 Smilax, 2-in., \$1.00 per 100; \$10.00 per 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Fine field-grown smilax, equal to 4-in. pot plants. Bunch early and get 4 strings. Order quick, with cash, \$3.00 per 100. Honey Bros., West Grove, Pa.

5000 2½-in. pot Smilax plants, fine healthy plants, ready now, \$2.00 per 100; \$15.00 per 1000. Cash with order. H. P. Owen, Toughkenamon, Pa.

Smilax, good strong plants, \$1.50 per 100; \$12.00 per 1000; 500 at 100 rate. Mount Homes Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Smilax—3000 good strong plants in 2½-in. pots, at \$3.00 per 100; \$25.00 per 1000. H. L. Patthey, Florist, Dayshore, L. I., N. Y.

2000 strong 3-in. smilax, \$3.00 per 100; \$25.00 per 1000. Cash with order. Wm. Swayne, Kennett Square, Pa.

Smilax plants from 2½-in. pots, \$1.50 per 100; \$12.50 per 1000. Otto Hansen, 1066 No. 82d St., Chicago.

A few thousand good smilax plants, 2½-in., 3000, at \$3.00 per 100. A. F. Belcher, Foxboro, Mass.

Smilax, 2-in., strong, bushy, 1000 per 100; \$2.00 per 1000. Cash. R. Kilbourn, Clinton, N. Y.

Smilax, 2½-in., \$1.25 per 100; \$10.00 per 1000. Lakeview Rose Gardens, Jamestown, N. Y.
 Smilax—1.50 per 100; \$12.50 per 1000. Edw. J. Taylor, Southampton, Conn.

Smilax—3-in., \$1.25 per 100. Harry White, New Holland, Ind.
 For smilax, write Geo. A. Kuhl, Pekin, Ill.

VEGETABLE PLANTS.

Geniune transplanted celery plants, well-hardened, bushy stock, out of flats, greatly superior to plants pulled from where seed was sown. Write "Genie" Plume, Giant Pascal, Boston Market and others, \$2.00 per 1000; \$15.00 per 10,000. Cash, please. Write for sample and prices on large lots. R. Kilbourn, Clinton, N. Y.

Asparagus roots, 100,000 Palmetto, 400,000 Conover's Colonial and 150,000 Barr's Mammoth, all strong 2-year-old roots for fall and spring of 1902 delivery. Also choice varieties of rhubarb roots, horse-radish sets, etc. Send for list. Wm. R. Bishop, Burlington, N. J.

Celery plants. PERFECTION HEART-LEAVED, \$1.00 per 1000. Cash. Ludwig Mosbach, 2100 Broadway, New York City.
 Calceola, celery and all other vegetable plants in their season. Write R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinea major var., fine 2-in., just what you want to plant for next spring's sales, 50c per doz.; \$2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

VIOLETS.

Princesses of Wales, Campbell and La France violet plants. Strong field-grown clumps from seed struck cuttings. Ready Sept. 1, \$5.00 per 100; \$40.00 per 1000. Albert H. Brown, Westfield, Mass.

We have a surplus of several thousand fine field-grown clumps of Marie Louise violets, at \$5.00 per 100; \$50.00 per 1000. Terms cash; satisfaction guaranteed. C. H. Green, Fremont, Neb.

Violets, Marie Louise and Farquhar, strong, healthy, 3-in. pot plants, grown from run-backs. Write for next spring's sales. Cash. Geo. H. Benedict, Yorkville, N. Y.

Violets, Farquhar and Imperial; extra fine large plants, healthy and clean. To clean up only \$12.00 per 100; \$15.00 per 1000. Cash. H. King, Tappan, N. Y.

Marie Louise, clean and healthy in every particular, from 3-in. pots, \$5.00 per 100; ready August 15. Cash with order. Wm. J. Chinick, Trenton, N. J.

Violets, La France and Princess of Wales, strong plants from open ground, \$5.00 per 100. Eliza, 11th and Jefferson Sts., Philadelphia, Pa.

Violet plants—Marie Louise, all potted, ready for the hot bed. Price, 75c per dozen; \$5.00 per 100. M. A. Hayes, Convent Station, N. J.

Violets. Strong field-grown Lady Campbell, free from disease, \$4.00 per 100; \$35.00 per 1000. E. H. Lowe, 42 Summer St., West Roxbury, Mass.
 Violets Princesses of Wales, 3-in., \$5.00; Marie Louise, 3-in., \$4.00 per 100. Christ. Hansen, Wholesale Florist, St. Paul, Minn.

VARIOUS Continued.

10,000 Paribus violets, 5-in. pots. Strong and healthy. J. W. Wrenson, 612 13th St., N. W., Washington, D. C.

Violets. Orders booked now for field-grown Imperial; this is choice stock. Crabb & Hunter, Grand Rapids, Mich.

Mari Louise violets, clean, healthy stock, 125 per 100, \$2.00 per 1000. J. B. Rudy, Elmira, N. Y.

Field-grown violets, 5000 Lady Campbell and 10,000 Princess of Wales. Wm. Sim, Clifton, N. J.

Violets, strong field-grown, \$4.00 per 100, 'ash, Greene & Underhill, Watertown, N. Y.

MISCELLANEOUS.

A FEW GOOD THINGS YOU WANT—**KENTIA BELMOREANA**, and **POBSTERIANA**, and **ARECA LUTEESCENS** A fine lot of clean, healthy stock, well grown and just the stock for growing into more money. All sizes ready to re-pot. 2 1/2-in., 3-in., 4-in., \$18.00; 4-in., \$30.00; 5-in., \$50.00; 6-in., \$100.00 per 100.

BOSTON FERN, \$4.00, \$8.00, \$15.00 and \$30.00 per 100.

DRACOGONIA, 2 1/2- and 3-in., \$4.00 per 100. **ASPARAGUS**, Plumosus and Sprengerii, 3-in., extra, \$5.00 per 100. Cut sprays of same, 2c, 3c and 4c each.

ROSES, Bride and Bridesmaids, 3-in., \$5.00 per 100.

DRACAEANA INDIVISA, A fine lot of well-grown plants, just the thing for growing on; 3- and 4-in., \$6.00 and \$10.00 per 100.

Also a full line of Geraniums, Coleus, Vinca, Scarlet Sage, Ivy and Bedding Plants, of all kinds for stocking up.

Let me price your wants. Cash with order or C. O. D.

GEO. M. EMMANS, Newton, N. J.

Baby Primrose, strong 3-in., \$3.00 per 100.

Begonia Vernon, strong 3-in., \$2.00 per 100.

Jerusalem Cherry, strong 3-in., \$3.00 per 100.

Smilax, 3 1/2 and 4-in., \$3.50 per 100.

Murray The Florist, 402 Main St., Peoria, Ill.

Isoplepis gracilis, a valuable plant for all fancy decorations, 2 1/2-in., \$2.00 per 100. N. Smith & Son, Adrian, Mich.

TO EXCHANGE.

To Exchange—Roses and chrysanthemums in ferns. Mrs. J. W. Crouch, Chattanooga, Tenn.

To Exchange—See Palms. McKellar Greenhouses, Chillicothe, Ohio.

WANTED.

WANTED—100 each: Passifloras, in three best varieties, 2-in., bushy plants. The McGreggor Bros. Co., Springfield, Ohio.

CUT FLOWER BOXES.

Star Florists' Boxes, Edwards & Dockert, Mrs. L. 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes, The J. W. Setton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns always on hand, \$1.00 per 1000; discount on large orders. Also a full line of hardy ferns, mosses, bouquets green, lanced festooning, etc. H. M. Robinson & Co., 38 Court Sq., Boston, Mass.

Dagger and Fancy ferns, 50c per 1000. Laurel festooning, 4, 5 and 6c per yard. Crowl Fern Co., Millington, Mass.

Alabama Wild Smilax. Orders filled promptly. Agents wanted in every city. John S. Esau, Greenville, Ala.

Hardy ferns, bouquets green, etc. L. B. Bragie, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wash Ave., Chicago.

We sell the **FLORISTS' MANUAL** on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

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SHEEP MANURE Best fertilizer for top dressing. Send for price list and sample. Geo. Ripberger, 207 Academy St., Long Island City, N. Y.

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GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Lendocroa sprays, address the introducer,
Harlan P. Kelsey,
333 Tremont Bldg., Boston, Mass.

New green GALAX shipped by express; quality good. Bronze GALAX shipped from cold storage, New York. Write for prices. J. G. Lovent, Montezuma, N. C.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 22-28 Court Sq., Boston, Mass.

Bronze galax leaves, \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

Farlin & Orendorf Co., Canton, Ill.

GLASS, ETC.

Mastic, for glazing greenhouses, is superior to putty. Easier to apply and stays on. Send for circular. F. O. Pierce Co., 177 Fulton St., New York.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 257-259 Randolph St., Chicago.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.
Good Hose. J. G. & A. Esler, Saddle River, N. J.
Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikotene. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying. Indoors or out. 30 lbs. of tobacco in one pint of Nikotene. Sold by seedsmen. Circular free.
Shubert & Co., Chicago.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LABELS.

Everlasting Label, the newest and best label holder on the market. Write for sample to W. W. Dodge, Burlington, Iowa.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.
Clipper Lawn Mower Co., Norristown, Pa.

PAPER SEED BAGS.

Paper seed bags of every description. Clark Bros., 61 Ann St., New York.

If you read these ads. others would read yours.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hows & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 23th and M Sts., N. E., Washington, D. C.

The Whitlind Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 30-32 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. The best on the market. Red Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Standard Pots, white bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Red pots. Sample pot and price list on application. C. C. Follworth Co., Milwaukee, Wis.

Columbia plant tubs. Invalid Appliance Co., 156-160 Vedder St., Chicago.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c.; 10 bale lots, \$5.50. Send for sample bale. Z. K. Jewett & Co., Sparta, Wis.

L. B. Bragie, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Patent Co., Kingston, N. Y.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 100, prepared, for 50c. H. Thaden & Co., Atlanta, Ga.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelcor carnation supports. H. F. Littlefield, Worcester, Mass.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igou Bros., 236 North 9th St., Brooklyn, N. Y.

WIRE WORK.

C. A. Kuehn, 1125 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wash Ave., Chicago.

CLOSED OUT ALL STOCK.

A few words in regard to your classified ads. Last year, late in the season, we had a surplus stock of some considerable thousands of asters on hand, and had about concluded the season was over, but your classified ads, coming to our notice, although we are rather conservative in regard to new things, we concluded to try them, as the rates were so reasonable that there could not be but a small loss if we received no returns. The effect was that we closed out all the stock and returned some cash to customers whose orders we could not fill.—A. & G. ROSBACH, Pemberton, N. J., June 11, 1900.

A GREAT PULLER.

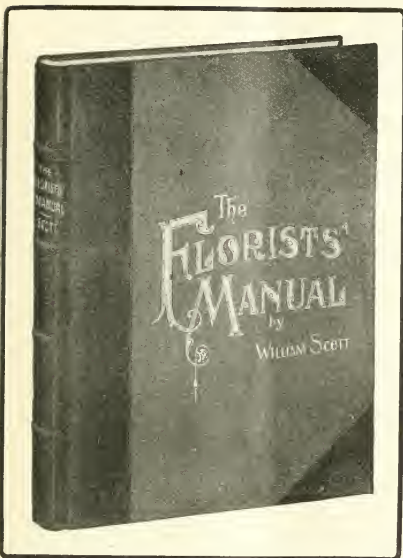
Your paper is a great puller to sell plants. I could have sold double the amount that I had. I shall always advertise in the Review when I have anything to sell.—J. F. Brown, Knights-town, Ind.

SOLD OUT.

Please state in your next issue that I am sold out of asters. I have had to return orders, though I had a large supply. I lay it all to the Florists' Review adv.—T. C. BRACE, West Berlin, O.

COMPLETELY SOLD OUT.

Please discontinue my classified adv., as I am completely sold out of chrysanthemums, in fact could have sold three times what I had through your adv.—H. D. DARLINGTON, Flushing, N. Y.



HERE IS A BUSINESS BOOK FOR BUSINESS MEN

NO SCIENCE BUT LOTS OF PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants and cut flowers in the best and cheapest way.

It don't list every plant in cultivation but it does tell you just what you want to know about every plant that there is any money in for a Commercial Florist.

The articles are arranged alphabetically so that when you want to see what Mr. Scott says about Cannas you turn to the Cs and in an instant you have it.

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A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

Abutilon	Astilbe japonica	Croton	Grasses	Maurandya	Roses
Acacia	Azalea	Cycas	Greenhouse Bldg	Metrosideros	Salvia
Acalypha	Balsam	Cyclamen	Grevillea robusta	Mignonette	Santolina
Acanthopocomum	Bay Trees	Cytisus	Hardy Perennials	Mimulus	Sedum
Acer japonicum	Bedding Plants	Dahlia	Hardy Shrubs	Moon Flower	Scilla
Achillea	Begonia	De orations	Decorative Pitts	Myosotis	Scilla japonica
Achimines	Bellis	Deutzia	Diarrhiza	Nepenthes	Shadlow
Acrophyllum	Botanum Heat	Bougainvillea	Dracaena	Nyctaginia	Skimmia japonica
Adiantum	Bouvardia	Bromeliads	Drainage	Philicoides	Soils
Agapanthus	Agave	Browallia	Easter Plants	Hollyhock	Solanum
Agave	Agaratum	Buibs	Epacris	Hortensia	Stephanotis
Alamanda	Alocasia	Caladium	Erica	Hoya	Stevens
Aloisia	Aloysia	Calamus	Eriostemon	Hydrangea	Stocks
Alternanthera	Calceolaria	Camelia	Eucharis	Impatiens	Stork Management
Anarcardus	Canna	Canna	Eupatorium	Insecticides	Sweet Peas
Anaryllis	Carludovica	Carnation	Euphorbia	Iris	System
Ampelopsis	Celastrus	Celastrus	Ferns	Kalmia	Thunbergia
Ananas	Centaurea	Celastrus	Fertilizers	Koenigia	Torenia
Anthericum	Celastrus	Celastrus	Ficus	Lantana	Tropaeolum
Antirrhinum	Chrysanthemum	Chrysanthemum	Floral Arrange-	Lapageria	Tuberoses
Apogoneton	Cineraria	Cineraria	ments	Lily of the Valley	Valotta
Aquaticas	Clematis	Clematis	Freesia	Lily of the Valley	Vase
Araucarias	Cobea	Cobea	Fuchsia	Lilium	Ventilation
Ardia	Cold-frames	Cold-frames	Fungicides	Lilium trisutum	Veranda Boxes
Aristolochia	Coleum	Coleum	Geranium	Lobelia	Verbena
Asparagus	Cosmos	Cosmos	Glaucium	Lobelia	Vinca
Aspidium	Cotyledon	Cotyledon	Gloxinia	Manures	Wax
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Aster	Crocus	Crocus	Gloxinia	Martinezia	Zinnia

Price, \$5.00, Prepaid by Express or Mail.

FLORISTS' PUBLISHING CO....Caxton Building.....CHICAGO.

BALTIMORE.

Trade and Personal Notes.

Trade is exceedingly languid, the demand being limited to funeral purposes mainly. Flowers are abundant of a certain grade—the earlier asters, carnations and outdoor roses. The quality of the latter is far below other previous seasons, especially of the Coquets—white and pink. This doubtless is due to peculiarities of the season. We have had for the past ten days high temperatures, with great humidity and several heavy rains, one downpour exceeding two and one-half inches in about as many hours. Today (August 12) we had another copious rain. The nights are delightful, a peculiarity here of August weather, their refreshing coolness making amends for the exasperating torrid heat of the days.

The Baltimore contingent is back from the Buffalo meeting, all evidently full of enthusiasm (and other things). One pilgrim, like John Gilpin, of frugal mind, boasts that he accomplished the trip on forty-five cents less than twenty-five dollars. Another expresses himself as charmed with the beauties and grandeur of nature and art which the journey revealed, Niagara quite meeting his expectations, and his only kick being at the bad faith he encountered in the Midway, where not as much was shown him as he was induced by the concessionaires to believe he would see.

Considerable building is going on in this vicinity. W. P. Craig, Govanstown, is building two rose houses; Edw. A. Seidewitz, a violet house; Richard Vincent, Jr., & Son, two extensive houses; Andrew Anderson, a rose house.

The greenhouse plant of Massey & Bro. has been sold to John Bartels, formerly of Colorado, the announced price being about \$9,000, on a fee simple basis. There are five greenhouses with 6,000 or 8,000 feet of glass and two dwellings. Colin Campbell will have charge as manager. R.

THE GARLAND GUTTER.

The John C. Moninger Co., Chicago, say that out of 18,000 running feet of greenhouses they have supplied material for to Illinois florists during the last seven months, no less than 12,750 running feet have been erected with the Garland iron gutter.

WEST ROXBURY, MASS.—E. R. Lowe is building another violet house, 20x100, which makes the sixth house all in violets.

GRAND RAPIDS, MICH.—Eli Cross has added two violet houses 11x200.

PANSIES
WORTH RAISING.
GOOD SEED—AS USUAL.

3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

CHR. SOLTAU,

199 Grant Ave., JERSEY CITY, N. J.
Mention The Review when you write.

..Latania..

Headquarters for
PERFECT Stock.

WALTER RETZER & CO.,

2045-49 Clarendon Avenue, CHICAGO.
(NORTH HALSTED STREET)

Special attention is drawn to the fact that the plants offered below are PERFECT, most of them having their seed leaves still attached, a proof in itself that the plants are grown properly. They are stocky, clean and of good color.

LATANIA BORBONICA.

	Per doz.	Per 100
3-inch, 5 to 7 leaves	\$5.00	\$40.00
6-inch, 6 to 8 leaves	9.00	75.00
7-inch, 7 to 9 leaves	12.00	90.00
8-inch, 9 to 12 leaves	22.00	175.00

KENTIA BELMOREANA.

	Per doz.	Per 100
4-inch, 6 leaves	\$3.00	\$40.00
5-inch, 7 leaves	5.00	70.00

ASPARAGUS PLUMOSUS.

2-inch	per 100,	\$5.00
3-inch	"	8.00

ASPARAGUS SPRENGERI.

2-inch	per 100,	\$5.00
3-inch	"	8.00

KENTIA FORSTERIANA.

	Per doz.	Per 100
4-inch, 4 to 5 leaves	\$4.50	\$35.00
5-inch, 5 to 6 leaves	7.50	60.00

Mention The Review when you write.

CARNATIONS = Field Grown.

Clean, Bushy Plants, Ready for Benching... \$5.00 per hundred.

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| FLORA HILL, | CERISE QUEEN. | JUBILEE, | MRS. F. '00ST, |
| AMERICA, | MARY WOOD. | TRIUMPH, | JOHN YOUNG, |
| VICTOR, | MAYOR PINGREE. | EVELINA, | WM. SCOTT. |
| ARMAZINDY, | LIZZIE MCGOWAN. | | GEN. GOMEZ. |

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Forest City Greenhouses.

H. W. BUCKBEE,
ROCKFORD, ILL.

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HARDY .. HERBACEOUS .. PLANTS.

— REASONABLE —

EDWARD B. JACKSON
STAMFORD, CONN.

Mention The Review when you write.

SOLD OUT.

Our stock of young Carnations is sold. Place your order now for FIELD PLANTS for FALL DELIVERY.

All the best varieties.

GEO. HANCOCK & SON,
Grand Haven, Mich.

Tin Foil for Special Shades. Florists Special Designs. Plain or Colored.

Write today for samples and prices.

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KINGSTON, N. Y.

Western Representatives: J. HOWARD JONES & SONS, 34 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

ROSES.

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| 300 WOOTTONS. | Plenty of |
| 1600 FERLES. | ASPARAGUS |
| 700 MAYOS | PLUMOSUS and |
| 1900 BRIDES. | SPRENGERI. |
| 150 LIBERTY. | BOSTON FERNS. |
| 50 CARNOT. | Write— |

GEO. A. KUHL, - PEKIN, ILL.

Sow Bugs and Slug Shot

DO NOT AGREE. THE SOW BUGS DIE..

New Crop Pansy - 1901 IMPORTATION.

HUNT'S UNRIVALLED MIXTURE. This mixture is well known among the best growers in the trade who have for the past 12 years been planting it with every confidence. We have added such new varieties as are of merit and have now a truly unrivalled mixture. Trade packet, 25c; 1/2 oz., \$1.00; 1 oz., \$3.00.



NAMED VARIETIES.

	Trade pkt.	1/2 oz.	oz.		Trade pkt.	1/2 oz.	oz.
Azure Blue	10	25	1.50	Light Blue	10	25	1.50
Bronze, very rich	10	25	1.50	Lord Beauconsfield, purple-violet, upper petals nearly white	10	25	1.50
Cardinal, red scarlet	25	75	4.00	Victoria, a deep rich red	25	75	4.00
Dr. Faust, or King of the Blacks	10	25	1.50	Mahogany Colors, new rich shades	10	25	1.50
Emperor Frederick, dark purple, golden brown center	10	25	1.50	Meteor, fiery brown-red	15	50	3.00
Emperor William, rich blue, violet eye	10	25	1.50	Otlet, a magnificent strain of the blotched Pansies, unsurpassed for colors	25	75	4.00
Fancy, wise colored and bronze, most beautifully tinted	25	1.00	6.00	Pheacock, peacock blue flower, white margin	25	75	4.00
Fire King, golden yellow upper petals purple	10	25	1.50	Pure Yellow, brilliant and absolutely pure	25	50	3.00
Heavenly Blue, richest blue imaginable, with pure white edge	15	50	3.00	Snowflake, a pure white	10	25	1.50
				Silver Edge, deep purple, with distinct white edge	10	25	1.50

TRIMARDEAU MIXTURE. A blending of all the **Giant** sorts together with the **Cassier** and **Bugnot** strains make this a mixture of the very highest quality in America. Trade pkt., 25c; 1/2 oz., 75c; 1 oz., \$3.50.

BUGNOT AND CASSIER. Bugnot's **Supers** Blotched, a most beautiful class. Extra large flowers with broad blotches, nearly entire bloom comes in the most varied and attractive colors. Trade packet, 25c; 1/2 oz., 75c; 1 oz., \$3.50. Cassier, three and five blotched. A very rich strain with the coloring beautifully marked. Largest of this class. Trade packet, 25c; 1/2 oz., 75c; 1 oz., \$4.00.

Importation of CYCLAMEN SEED JUST RECEIVED. Harvested in May and June of this year. Absolutely New Crop and True to Name. Now Ready for Delivery.
Giganteum Album, pure white per 100, 75c; per 1000, \$5.00
White, carmine eye, per 100, 75c; per 1000, \$5.00. **Crimson King**, 75c; 5.00
Roseum Superbum, 75c; 5.00. **Rubrum**, 75c; 5.00

Hunt's Cyclamen Persicum Grandiflora The finest strain of Cyclamen for florists' use. Embraces all the newest and latest shades and will be found better than the Giganteum strain commonly sold. Our stock is RELIABLE. Trade packet of 40 seeds, 50c; 1000 seeds, \$10.00.

E. H. HUNT,
 76-78 Wabash Ave. CHICAGO.

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VEGETABLE PLANTS! PLANTS!

CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, \$75.00 per 100,000.
CELERY.—Giant Pascal, Golden Heart, White Solid, Golden Self Blanching and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000; Giant Pascal and Golden Heart, \$75.00 per 100,000. If by mail add 10c per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.
 Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Shaking Grates

For Greenhouse Boilers and Furnaces. Write us for catalogue and testimonials from the leading greenhouse men.

Kennett Foundry & Machine Works, Kennett Square, Pa.
 Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Mention The Review when you write.

PANSY SEED GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package, 25c; 1/2 oz., \$1.00; 1 oz., \$4.00, free by mail.
 Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you.
 Seedsmen's orders not accepted. (CASH.)

A. Mitting, Loomis, Cal.

Mention The Review when you write.

CROP 1901.

CHOICEST STRAINS.
Pansy, Superb Show Mixture, trade pkt. 25c; 1/2 oz., 75c; oz., \$3.00.
Pansy, 25 Finest Giant Varieties, trade pkt. 25c; 1/2 oz., 40c; oz., \$2.50.
Cineraria, Giant frize Strain, Mixed, trade pkt. 75c.
Cineraria Polyantha (Cruenta Hybrids) trade pkt. \$1.00.
Calceolaria Giant Prize, Superb Mixed, trade pkt. 50c; half pkt. 25c.
W. C. BECKERT, Allegheny, Pa.

California Grown Bulbs.....

Calla Lilies, monster bulbs	100	1000
..... 6-in. circumference	40	\$75.00
..... 5-in. "	3.50	30.00
..... 4-in. "	3.00	25.00
..... 2 1/2 to 3-in. "	2.00	15.00
Narcissus, Paper White	1.00	7.50
..... Incomparable	.....	75 5.00
Send for price list of Japan Lily Bulbs; also Young Palms, California Grown Camellias and Aracacias.		

F. LUDEMANN,
 Pacific Nursery, SAN FRANCISCO, CAL.

CHOICE PANSIES

An extra fine strain of large blooming Pansies, young plants, ready about September 15th. 50c per 100 by mail; \$4.00 per 1000 by express.

Charles S. Dutton, Wholesale Grower of BARRY HERACLEUS PANSIA.
 85 W. 12th St., HOLLAND, MICH.
 Cash with order please.
 Mention The Review when you write.

Always Mention the....
Florists' Review
 When Writing Advertisers.

SAMUEL S. PENNOCK, Wholesale Florist

Commencing June 24th and continuing during the summer months, will be open from 7:30 A. M. to 6:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa

Mention The Review when you write.

COLORADO SPRINGS, COLO.

Twenty-five years ago the state of Colorado was admitted into the Union, and the occasion was celebrated here the first week in August with great eclat. Vice-President Roosevelt and many other distinguished guests were present and the buildings were gaily decorated with flags and bunting.

Colorado Springs is a beautiful little town with wide streets and fine stores, and a copious supply of rain has held vegetation in keeping with the other attractions. Trade in cut flowers and decorative work has been excellent here this summer, so report Messrs. Clark and Crump. Mr. Clark has a range of 100,000 feet of glass well equipped with modern appliances. All his young stock is under cover and shows the best of care. At the Crump greenhouses we found everything in a thrifty condition, especially the young roses, which are beginning to give new blooms.

For the banquet given in honor of Vice-President Roosevelt the floral decorations were arranged by Mr. Crump and gotten up with great skill and originality. Particularly worth mentioning were the vases of long-stemmed Beauties, which were grand for this season of the year. Mr. Crump also exhibited a float of natural flowers in the street parade.

With its unexcelled scenic attractions and the invigorating climate, is it any wonder that florists love to visit this interesting state? The branch railway, called the Short Line of the Rio Grande, and recently opened between here and Cripple Creek, is a wonderful piece of railroad engineering. For a distance of 35 miles the railroad takes a winding course through the Rocky Mountains until it reaches an altitude of 10,000 feet above sea level. While making the ascent we see nesting in the grass such flowers as the Mariposa lily, wild penstemon, anemone, gentian, gilia and the columbine, which luxuriate in this high altitude.

Cripple Creek.

The Cripple Creek district and its vast mining industries are well known to the country. Of the enterprising masses who came to try their fortunes here, the florist was among the first to arrive, and he is established and doing well.

Mr. Burns, who owns a moderate range of glass, says that owing to the high prices charged for fuel and water the growing of flowers under glass has not been very profitable here yet.

The Webster Floral Co. does the leading business of the district, buying all their material from the Clark establishment at the Springs.

The writer while sojourning in Cripple Creek had the privilege to go underground 1,200 feet and to see rich veins of precious metal, for which this district is noted. It was also a pleasure to note that the inhabitants took especial pride in their gardens. The fuchsia, geranium, sweet pea and pansy thrive to perfection in this cool climate. I. J. M.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St., FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention THE REVIEW when you write.

PRIMROSES

Chinese, Per 100
Single, mixed... \$2.00
Obconica Alba and
Rosa, Aug. 15... 2.00

SMILAX, 2-inch pots, per 100, \$1.00 ASPARAGUS, Sprongeri..... per 100, \$2.00
Pumousus 2.50

PANSY SEED, No Pins Ultra, oz., \$4.00.

CASH.

JOS. H. CUNNINGHAM, - - - DELAWARE, OHIO.

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Are You Short

.....ON.....

GERANIUMS from 2½-inch pots. Brantl (best semi-double scarlet), \$1.25 per 100; \$12.00 per 1000. S. A. Nutt (best double crimson), Francis Perkins (best double pink), \$1.50 per 100; \$15.00 per 1000. Mme. Sailer, \$1.50 per 100.

ASP. PLUMOSUS NANUS, strong plants, from 2½-inch pots, \$2.75 per 100; \$25.00 per 1000.

ASP. SPRENGERI, strong plants, from 2½-inch pots, \$1.75 per 100; \$15.00 per 1000.

COLEUS: A choice collection of 15 varieties, strong 2½-inch, \$1.00 per 100; \$8.00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

PALMS for GROWING ON.

FINE

Latania Borbonica, Elegant 3-inch stock. \$5.00 a 100, \$45 00 a 1000.

J. B. HEISS, The Exotic Nurseries, DAYTON, OHIO.

Violets. Orders booked now for field-grown "Imperial." This is choice stock. 2½-inch pot plants at usual rates; all varieties.

"Irene." Field-grown Plants. Ready August 30th. Write for Carnation price list.

CRAB & HUNTER, Grand Rapids, Mich.

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HITCHINGS & CO.

233 MERCER ST., NEW YORK.

GREENHOUSE BOILERS

PIPES, FITTINGS AND VENTILATING APPARATUS

Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

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ROSES

Extra fine plants on their own roots for winter forcing.

Bride, Bridesmaid, Meteor, Kaiserin, Golden Gate, Perle, 3-inch pots, \$7.00 per 100. 4-inch " \$10.00 "

Liberty,

3-inch pots, \$8.00 per 100. 4-inch pots, \$12.00 "

Grafted,

3-inch pots, \$15.00 per 100.

Our LIBERTY ROSES, both grafted on their own roots, are in extra fine condition and perfectly healthy. NO BLACK SPOT.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Meteors, Maids and Brides.

3½-inch pots, \$30.00 per 1000; \$3.50 per 100. VERY CHOICE.

BRANT & NOE, FOREST GLEN, CHICAGO, ILL.

CYCLAMEN. PERSICUM and GIGANTIMUM for Christmas Bio ming. Fine large healthy plants. 3-inch, \$5.00 per 100. 4-inch, \$8.00 per 100.

SAMUEL WHITTON, 16-17 Gray Ave. UTAICA, N. Y.

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Notice Reduction in Prices.



We have now an immense stock of

NEPHROLEPIS WITTBOLDII,

and owing to our lack of room to grow them on, will fill orders at the following prices:

Plants from the bench,			
ready for 2-inch pots.....	\$ 1.50	per doz.	
" 3	2.00	"	
" 4	3.00	"	
" 5	5.00	"	
From 6	12.00	"	
" 7	15.00	"	

We wish to call your attention to the favor the **Cut Fronds of Nephrolepis Wittboldii** are finding among cut flower workers.

E. G. HILL says:

"It is Great for Cut Purposes"

and we have dozens of customers who are growing a few plants on the bench for cutting purposes in design work.

The above prices will soon exhaust our surplus stock and customers will do well to order immediately.

WE HAVE ALSO AN UNUSUALLY LARGE STOCK OF... DECORATIVE STOCK AS LISTED BELOW WHICH IS NOW IN PRIME CONDITION.

Variety.	Size Pot.	Height, Inches.	Character Leaves.	Each.	Price Doz.	100
<i>Areca Lutescens</i>	2½	5 to 6	.....		\$ .75	\$45 00
" " ".....	3	8 to 10	.....		1.00	8.00
" " ".....	3½	12 to 15	.....		2.00	15.00
" " ".....	4	18 to 20	.....	\$ .25	3.00	25.00
" " ".....	5	20 to 22	.....	.50	5.00	35.00
" " ".....	6	20 to 24	.....	.75	9.00	
<i>Kentia Belmoreana</i>	2½	8 to 9	3 to 4	.....	1.50	12.00
" " ".....	3	10 to 12	4 to 5	.....	2.00	15.00
" " ".....	3½	12 to 14	5 to 6	.....	.25	3.00
" " ".....	4	14 to 16	3 to 7	.....	3.00	3.60
" " ".....	7	30 to 36	5 to 6	.....	2.25	26.00
" " ".....	8	36 to 40	5 to 6	.....	3.00	35.00
" " ".....	strong	36 to 42	5 to 6	.....	42.00	
" " ".....	9	40 to 42	6 to 7	.....	4.00	48.00
" " ".....	9	42 to 44	6 to 8	.....	4.50	54.00
<i>Kentia Forsteriana</i>	2½	8 to 9	3 to 4	.....	1.50	12.00
" " ".....	3	10 to 12	4 to 5	.....	2.00	15.00
" " ".....	3½	12 to 14	5 to 6	.....	.25	3.00
" " ".....	4	14 to 16	4 to 5	.....	.50	4.00
" " ".....	6	18 to 20	4 to 6	.....	1.50	18.00
" " ".....	9	50 to 54	5 to 6	.....	6.00	
" " ".....	9	3 plants in a pot.	.....	8.00		
<i>Araswaria Excelsa</i>	6	3 tiers	.....	1.50	18.00	

Variety.	Size Pot.	Height, Inches.	Character Leaves.	Each.	Price Doz.	100
<i>Lantana Borbonica</i>	2½	3	.....		\$0.60	\$ 4.00
" " ".....	3	12	5 to 6	.....	1.00	8.00
" " ".....	3½	12 to 15	5 to 6	.....	1.50	12.00
" " ".....	4	15 to 18	5 to 7	.....	.25	3.00
" " ".....	5	18 to 22	6 to 7	.....	.50	5.00
" " ".....	6	18 to 24	6 to 8	.....	.75	7.20
" " ".....	8	20 to 24	8 to 10	.....	2.25	50.00
" " ".....	9	24 to 26	9 to 11	.....	2.50	
<i>Asparagus Sprengeri</i>	2	.....	.....	.....	.50	3.00
" " ".....	3	.....	.....	.....	1.00	3.00
" " ".....	4	.....	.....	.....	1.50	12.00
" " ".....	5	.....	.....	.....	2.00	15.00
<i>Asparagus Plu. Nan</i>	2	.....	.....	.....	.50	4.00
" " ".....	3	.....	.....	.....	1.00	8.00
" " ".....	4	.....	.....	.....	2.00	15.00
" " ".....	5	.....	.....	.....	3.00	20.00
<i>Nephrolepis Bost.</i>	5	Out of bench	.....	.....	3.00	
" " ".....	6	Pot grown	.....	.....	4.00	
" " ".....	6	.....	.....	.....	5.00	
" " ".....	6	.....	.....	.....	6.00	

Cycas Revoluta.—We have an immense stock of good values from 25c to \$3.00 each.

THE GEORGE WITTBOLD CO.

1657 Buckingham Place,

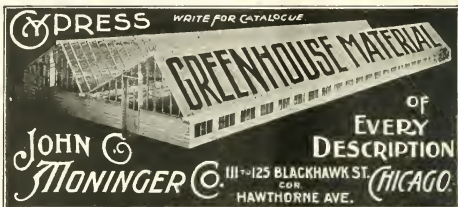
CHICAGO.

AN EXPERT rose grower grows good roses. He has made a close study of roses and is a specialist. His whole thought and attention are devoted to roses. OUR WHOLE THOUGHT and ATTENTION have been given to greenhouse building material.

We have had YEARS of experience in supplying material to critical, practical growers.

We are specialists in Greenhouse Construction, just as the rose grower is a specialist in roses.

We can serve you much better than one lacking this experience.



Mention The Review when you write

FRENCH BULBS.

The syndicate for the Defense of Agricultural Interests held a meeting July 7 last at which were present many growers of bulbs. We give below a translation of part of the published report:

"The general crop of flower bulbs is bad. Hyacinths have increased but little and grown but little. The disease is worse at various places, and more severe than last year. Even narcissi, generally so robust and prolific, remain without enlargement and without increase. The minimum prices fixed by the syndicate have been observed everywhere. In view of the poor crop even higher prices are obtained, and some of the members regret not having fixed the price of narcissi at 15 francs, which has been reached at certain points.

"Complaints have been made against many merchants who have established arbitrary measurements for the size of freesia and it was decided that next year the standard shall be sharply exact in order to avoid all discussion.

"The next syndicate meeting will take place in August, at the end of the harvest, and then a list of prices will be elaborated for next year and important reforms made as to the mode of payment and the suppression of strikes. The meeting adjourned after having decided to maintain still more energetically than ever the prices fixed upon."

FREMONT, NEB.—C. H. Green reports that business has held up fairly well all summer. His roses are extra good and he has commenced cutting from the early planted ones. Carnation planting is finished and his stock is fine, being of good size and of close, firm growth. The weather has been hot and dry until the last two weeks, but with constant cultivation, stock has been kept growing in good shape. There was a fine rain on July 27, just enough to make the soil fall away, like meal, from carnations when lifting. Mums are extra fine, and we all look for a good season.

FR. DODGE, IA.—P. L. Larson has just completed a new house 16x125 and has planted it in roses.

HENRY W. GIBBONS CO.

(INCORPORATED.)

Manufacturers of GULF CYPRESS GREENHOUSE MATERIAL. Builders and Designers of IRON AND WOOD GREENHOUSES.

STEAM AND HOT WATER HEATING. Write us for Prices, Plans and Expert Advice if you are going to build. Sales Office, 136 Liberty St., NEW YORK CITY. Manufacturing and General Office, BLOOMSBURG, PA.

Model Extension Carnation Supports.

Patented July 27, 1897 and May 17, 1898.

MADE WITH TWO OR THREE CIRCLES.

...also...

Galvanized Rose Stakes and Tying Wires.

Prompt shipments guaranteed.

IGOE BROS., 226 North 9th Street, BROOKLYN, N. Y.

Holds Glass Firmly FULL SIZE No. 2

See the Point **W**
The Van Roper Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.
HENRY A. DRER,
114 Chestnut St., Phila., Pa.

High Grade BOILERS

Get our Catalogue. For GREENHOUSES.

STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.



TO THE PAN AMERICAN EXPOSITION AND NIAGARA FALLS.

THE WABASH
Has its own route and is the shortest line to
BUFFALO AND THE FALLS.

Stop-overs given at both points on all tickets.

For Descriptive Matter, Rates, etc., call on nearest Ticket Agent, or address
C. S. CRANE, R. F. and T. A., ST. LOUIS,
or **F. A. FAULMATH, A. G. F. A., CHICAGO.**

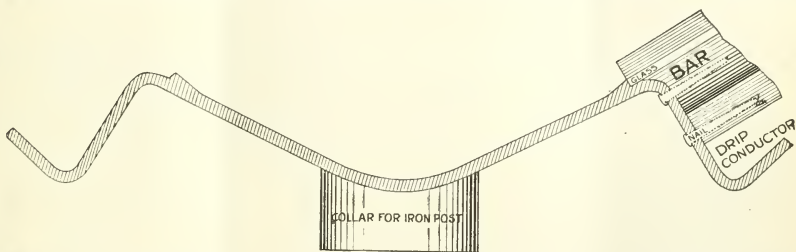
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233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING.
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

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THE GARLAND IRON GUTTER

Interested a host of practical florists at the Buffalo Convention. They all agreed that it made a beautiful, light and durable foundation for a greenhouse, and that in any new houses they must have it.



YOU WOULD SAY THE SAME

if you saw the gutter and realized its many valuable money-saving features. Don't put up any new houses without thoroughly investigating this matter. It will be money in your pocket in the long run.

Write today for our latest printed matter,
explaining about the gutter.

GEO. M. GARLAND,
DES PLAINES, ILL.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
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Entered at the Chicago post-office as mail matter of the second class.

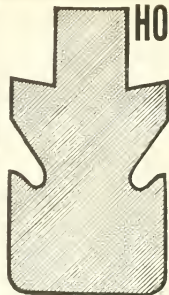
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The Florists' Review is absolutely independent. No person or firm interested in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 329-345	Kennett Foundry & Machine Co. 331
Amling, E. C. 344	Kennett Bros. Co. 329
Barnard, W. W. & Co. 329	Kroschel Bros. Co. 329
Bassett & Washburn. 344	Kuehn, C. A. 344
Becker, W. C. 333	Kuhl, Geo. A. 344
Bentley & Co. 344	Lager & Hurrell. 330
Berger, H. H. & Co. 330	Long, D. B. 359
Berning, H. G. 344	Lord & Burnham. 329
Brant & Noe 343-354	Ludemann, F. 333
Brunkerhoff & Barnett Engraving Co. 344	McKellar & Winter-son 345
Buckbee, H. W. 332	Mechan, C. E. 345
Buckley Plant Co. 354	Michell, H. F. 329
Budlong, J. A. 344	Milring, A. 352
Burpee, W. Alice & Co. 343	Moninger Co., J. C. 356
Chicago Faecny Farms 343	Moon Co., W. H. 343
Chinatti Cut Flower Co. 344	Morris Floral Co. 343
Classified Advs. 346	Pennoek, S. S. 334
Colfesh, J. W. 345	Peterworth Co., C. C. 344
Cottage Gardens. 333	Pierce Co. 350
Crabb & Hunter 345	Pittsburg Cut Flower Co. 354
Crowley Co. 330	Poehlmann Bros. Co. Works 345
Cunningham, Jos. H. 354	Randall, A. L. 344
Dietrich, A. & Co. 356	Randall, E. I. 350
Dillon, J. L. 345-354	Reed & Keller. 330
Dorner, F. & Sons Co. 353	Reyn. Pfr. House. 343
Drew, H. A. 343-356	Reinberg, P. 344
Dutton, Chas. S. 333	Retzer, W. & Co. 352
Ellis, F. M. 344	Ries, M. & Co. 350
Ester, Edw. G. See 243	Robison, H. M. & Co. 345
Finley Lawn Rake Co. 343	Rupp, John F. 345
Gardner, Geo. M. 337	Saunders, W. B. 343
Gilbons Co., H. W. 336	Schmitz, F. W. O. 356
Gilbin & Co. 356	Scollay, John A. 359
Greene & Underhill. 345	Skaberna Dip Co. 359
Hammond, Benj. 343-352	Smith, N. & Son. 350
Hazcock, Geo. S. 352	Soltan, Ch. 352
Hazcock, Jos. 330	Thorburn, J. M. & Co. 350
Heiss, J. O. 354	Walsh, J. R. & Son Vincent, Jr. 354
Hill, E. G. 345	Walsh, J. R. & Son Weber & Sons. 350
Hippard, E. 338	Weiland & Risch. 340
Hitchings & Co. 354-356-358	Whitlin Pottery Co. 358
Hunt, E. H. 344-353	Whitton, S. 354
Icee Bros. 356	Wittbro Bros. 344
Jackon, E. F. 352	Wilks, M. F. 349
Jennings Bros. 359	Wittbold Co., Geo. 355
Kasler, W. F. 329	Zirngel, D. 330
Keller Bros. 359	
Kellogg, Geo. M. 345	



HORTICULTURAL ARCHITECTS

And the Largest Builders of Greenhouse Structures.

RED GULF....

CYPRESS GREENHOUSE MATERIAL

STRICTLY FREE FROM SAP.

Largest Stock of Air Dried Cypress in the North.

Greenhouse Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

LORD & BURNHAM COMPANY,

NEW YORK OFFICE:
37, James Bldg., Broadway and 26th St.

GENERAL OFFICE AND WORKS:
Irvington-on-the-Hudson, N. Y.

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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



WHILLDIN POTTERY CO.
JERSEY CITY LONG ISLAND CITY

PHILADELPHIA

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STANDARD.

Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use.

Send for Catalogue of Specialties.



Duplex Iron Gutters.

Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 8 inches of shade. No drip whatever from glass or gutter.

E. HIPPARD, - - Youngstown, Ohio.

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KELLER BROS.

213-15-17-19-21-23 Pearl St., MORRISTOWN, PA. Manufacturers of STANDARD FLOWER POTS,

red in color, equal to the best on the market; are 16 miles from Philadelphia, best of railroad connections. We give special attention to mail orders and make special sizes to order in quantities. A postal will bring prices and discounts.

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Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

Quaker City Machine Works, RICHMOND, IND.

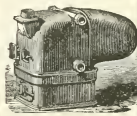
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THE ONLY ONE THAT PAID.

The Review is the only one of three trade papers that has given us results that paid.—MAYER & SONS, Willow St., Lancaster Co., Pa.

"RETURNS SATISFACTORY."

That's what the Vick & Hill Co., Rochester, N. Y., report regarding their classified ads. in the REVIEW.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus

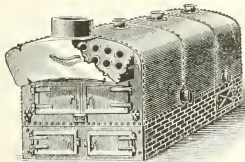
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Order Your Boiler Now

THESE BOILERS ARE
MADE OF.....**S**TEEL
PLATE....

Therefore will not cause trouble and expense on account of cracking of sections, repacking, etc., which happens so frequently with cast iron boilers.



IN case you need a Greenhouse Boiler send in your order now and avoid delay in delivery. Our Boilers are not "Stock Boilers;" each one is made "to order." Therefore it is decidedly to your advantage to order in good season.

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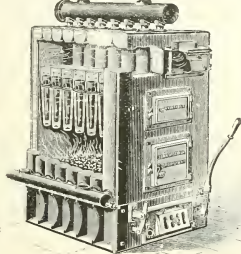
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, AUGUST 22, 1901.

No. 195.

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IN APRIL, 1902.



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 SEE PAGE 215, JULY 1913.

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THE RETAIL FLORIST.....

Seen at the Convention.

There were many good things to be seen by the retailer at the trade show at Buffalo. We were surprised to see in M. Rice & Co.'s display of baskets about the best exhibit that has been put up at a convention for many years. We never care so much about the extent of an exhibit as we do about its quality; in this particular case we saw many innovations and designs in basket ware that are destined to become very popular with up-to-date retailers. Their adjustable willow pot covers are sure to be appreciated by all decorators. It is a good thing, not new in design, but new in construction; the steel bands, interwoven with the willow, prevents the cover from becoming soggy and adjusts it to all sizes.

Another good thing was the new reversible decorative plant stands. These were of several shapes, but all constructed with a view to be useful even more than ornamental. In one end of the stand is inserted a zinc vase capable of holding a large bunch of long stemmed flowers; when the stand is reversed it becomes a substantial plant or basket support. It will be of the utmost value in the store or in decorations. We would advise the addition of some little device that will prevent the lining from falling out when turned upside down.

There were many new designs among the baskets shown by this firm; they represented what Europe had to offer this season. Of course, there are many things that "go" in Paris that will not be even looked at in New York. We have a more critical people to deal with here, and there is less appreciation of the bizarre in art. Such things as colored palm leaf bows will never be accepted in this country, even though they be popular in Paris.

Rice & Co. also showed some exceptionally fine colors in Porto Rico matting for fancy pot trimming, and their German crepe papers are a great improvement on what we get in this country; it stands the sight of water, and that is all important.

H. Bayersdorfer & Co., exhibited some choice baskets, and very handsome wheat sheaves.

Krick's immortelle lettering and the Boston Florist Letter Company's exhibit showed wonderful improvement in that class of work. Of course, there is not nearly so much lettering used nowadays, but still much is used, especially in downtown localities, and all know what it is to have good lettering; even if you are an adept at twisting the chenille it scarcely pays for you to bother, and the above people's work is much better. Krick showed some wire pot hooks that are much used by decorators in New York; they are very useful for hanging up potted plants; they should be known to every one.

There was much of interest in D. B. Long's exhibit. Many of the best retailers like to show photos of their own creations to customers, but even in their cases, Long's floral photos are of immense value. No store should be without an album of good designs; it is essential to all lines of business. Long's photos, that is the new ones, are equal to the average work turned out by the best retailers, and none need be ashamed to have them on their counter. We were particularly taken by his cleverly gotten up booklets for retailers. We consider this a most important item to progressive florists. Advertising in these days must be carefully considered. It has become necessary for those in the race to send out cards or booklets at certain periods. Mr. Long's ideas of supplying that demand deserve success; his work is artistic and the whole construction is made to appear as your own.

There were some very fine ribbons shown by S. S. Pennock and Schloss Bros. A specially choice embroidered ribbon was noticed in the former's display. Pity it was that the several bows, especially the new or most popular ones, were not shown by these firms. There must be something better shown for wedding ribbons.

appears like home made. Brague's work is good.

Cowe's machine wired tooth picks are of great assistance to the slow stemmer. When the price is a little lower they may be used by experts, if only to dispense with the troubles attached to rusty and tangled wires, and the ever present dull shears. Green stemming sticks are sure to be generally used in the future; tooth picks would look better if dipped also. We might just as well have these little things right now as wait a few years for them. Much of the effectiveness of "made-up" work depends on the total obliteration of moss, sticks and other incidental material, and anything which lessens the work should at once be recognized.

The Ford Company's exhibit of Christmas bells was very good. These sell very well in New York, and there is a big future for them if introduced with more appropriate settings than we have hitherto seen. Ribbons and red immortelles do not constitute the all in all for Christmas decoration; there is lots to learn in that line.

Kift's string vases were shown to good advantage. The more they are known, the more general will be their use, not only in window decorations but in every class of decorative work where flowers are used.

The plant exhibits made by the numerous well known firms were of special merit. The small crotons were extra fine, and more should be used in basket work. The trouble with the crotons usually offered for sale is that they are of poor growth, and abominable colors. Growers should try to supply retailers with the kind of stock generally seen at conventions.



Bed of Cannas at the Pan-American Exposition. Exhibit of C. W. Ward.

There was a cemetery bouquet holder shown by one, we forget whom, that should recommend itself to those doing a cemetery business.

Baker Bros.' new retinospora will be very valuable for evergreen vase and window box work.

We saw much that was commendable in Brague's exhibit of decorative material. His laurel wreaths of their kind were exceptionally fine. These supply men are keeping up with the requirements of the times. It pays in busy days to give a little extra for stock which

In Dreer's exhibit Cibotium Scheidei was seen—the great decorative plant of the future. It is now used to great extent by the best trade in New York. There is nothing more beautiful than this fern, be it in window or drawing-room. It will not tolerate ignorant usage; it may be expensive to many on that account, but it is exquisite when properly arranged, and that's the kind of material artists must have, no matter what the cost.

Of course, everything shown at the trade exhibit was of interest to the av-

erage retailer, out some things were exceptionally so. We saw in Arthur Cowee's grand display of gladioli many magnificent flowers worthy the attention and patronage of every retailer. Every one knows the great value of gladioli, more especially the white or light colors; they are invaluable in funeral work, and the time will come when, as in the case of L. Harrisii and L. longiflorum, their season of flowering will be greatly extended.

There is one thing about this annual trade exhibition that must sooner or later change—and the sooner the better. There must be better inducements offered for people to make creditable displays. Competent and careful judging must be the rule, not the exception. Of course, every member of the national society is a judge in his own estimation. These annual shows, however, call for the most critical. A good thing in basket or any other appliance is of just as much importance in a way as boiler or plant, and should be so considered. A paltry "Mention" is but poor consolation

Jones in the hands of some growers gives profitable results. For a latest yellow my choice would be Rieman.

In pinks, Messrs. Smith claim that Lavender Queen for Thanksgiving and Superba for Christmas are pre-eminent. I cannot say personally, never having grown either. Maud Dean is an old standard late pink.

While it is far better to plant stock that has been potted and is well rooted, you can, if you are late, plant the cuttings right from the sand into the bench. They must be kept well shaded from the hot sun and sprinkled frequently until established. In a week or so they will be growing away nicely. After planting use every effort to get the plants growing well, because the time in which they have to make their growth is limited, and they do not have the show that the earlier planted stock has.

Insects.

Bench plants generally by this time are staked up and the work with them consists chiefly in keeping them tied up

possible before the flowers appear, because it is very destructive to the petals. Frequent syringings with weak tobacco liquid or fir tree oil soap will make things so unpleasant for this pest that it will reduce in numbers very materially.

Buds.

Nothing probably harasses a beginner in the gentle art of mum-growing more than the question of bud selection. This is not the least bit surprising when the mass of conflicting testimony relative to the merits or demerits of crown and terminal buds is considered; and yet this conflicting testimony is only what one might expect in a country so large as this, where climatic conditions and environment are necessarily so different, and the impossibility of drawing a hard and fast line self evident.

Because I can successfully handle the crown bud on a variety in say the neighborhood of Chicago, it does not follow that a man ought to be able to grow that same variety on a crown bud in Georgia or California.

Plants adapt themselves to the conditions surrounding them, the chrysanthemum doing this possibly quicker than the average plant, and it behoves the grower to also adapt his working knowledge to the different conditions under which he may have to grow his stock.

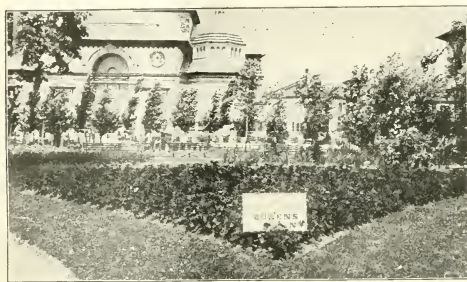
Undoubtedly the bud most generally used by our florists is the terminal bud. We might call this the natural bud since it is the bud that would produce a flower if the plant were left to itself, and not disbudded or trimmed in any way. It is as its name implies the terminus or apex of growth, and if this simple fact is kept in mind there will be none of the mistakes which even today are so common, of confounding the crown bud with the terminal.

The crown bud can always be distinguished by the shoots that appear around it, and which if allowed to remain take all the nourishment away from it and cause it to shrivel up. The terminal buds have no shoots around the bud, but just a cluster of smaller buds around the central one.

Another way to always know the crown bud is by the season of the year. Any bud that forms in August is a crown bud, no matter how many buds the plant has produced during June and July.

The reasons why the terminal bud is used more than the crown are various. In the first place, being as before stated the natural bud, it is more easily handled, and will develop properly in a much lower temperature than the crown bud. It is also better furnished with foliage up round the neck of the flower, also quite a consideration when growing for cut flower only. Also the color of pink varieties is nearly always much brighter and better on the terminal bud.

Some of the objections to the terminal bud are: First, the flower is almost invariably much smaller and does not have nearly the same fullness, though it may make a neater flower. This is the reason why flowers to be used for exhibition are so generally taken on the crown bud. Secondly the stem on the late bud is often very weak, owing to the quick, soft final growth it makes in the cool days of September and October.



Bud of Geranium Le Soleil at the Pan-American Exhibition. Exhibit of C. W. Ward.

tion for the money, worry and time expended. Lucky it is that a good thing is appreciated, even if it has no medal on it. If the society is so generous as to place its medals at the disposal of other societies whose judges can and will award these medals to fleeting attractions, they surely can better afford to practice that generosity in connection with their own annual trade exhibit.

IVERA.

CHRYSANTHEMUM NOTES.

Early and Late Varieties.

The last batch of plants should be all planted out by this time; dwarf varieties that have been kept for side benches, and late varieties for Thanksgiving and later use.

The batch to be grown for the latest flowers should be planted out in a separate house from the early and mid-season kinds, then they can be kept well ventilated, and a good growing atmosphere maintained all through October. This would be manifestly impossible in a house where flowers were opening as the atmosphere then must be kept dry and warmer.

The best late white to plant is probably Wm. H. Chadwick, though Jerome

and free from insects. The caterpillars have been worse this season than I ever remember before, and nothing makes the plants look worse than these omnivorous creatures with prodigious appetites. The grasshopper has not put in his appearance yet to any extent, and we fervently hope he won't. September, however, is his favorite season, then after the bud is taken and is swelling nicely, Mr. Grasshopper comes along and cuts off its connection with the rest of the plant by eating through the soft, succulent stalk, or else takes one side out of the bud itself in a cursory sort of way. Naturally the grasshopper only does this on the finest buds, and when you go examining the damage done you will also most like have a cursory way with you.

The importance of getting young plants entirely free from aphids as soon as possible after planting out, I have before spoken of. Our plants have not been fumigated since the first week in June, and today I cannot find a single black fly on the entire stock and do not expect to have to smoke again until just before the buds begin to show color.

There is a little brown thrip that begins to appear about this time, and you should endeavor to get rid of it as far as

Now let us criticise the crown bud. If you want early flowers on early varieties you must use the crown bud. By early varieties I mean such as Fitzwygram, Yellow Queen, Smunderbruch, etc. While the difference in the opening of the flowers from the different buds is often only a matter of two or three days, that difference often makes a vast change in the price obtained.

The great bulk of the midseason kinds come all right on the crown bud, with the exception of the pink varieties, providing the bud is taken at the right time; viz. the last days of August or first week in September. I would except from this rule also Mrs. T. L. Park, and her brother, Colonel Appleton, which do better on a later bud.

If the stock is planted closely in the bench it is not wise to use the crown bud, because it often in such case makes a long neck owing to the growth of the plant being drawn up instead of being close-jointed and sturdy. When the neck is long and weak it is unable to support the flower properly, and the sparsity of foliage is painfully apparent. Dwarf varieties like Bonaffon will not of course show this long neck on the crown, but the taller growers will. The crown should have a temperature never lower than 45 degrees to develop in, or it will not develop properly, while the terminal will develop all right in any temperature above actual frost.

There is a bud often called the late crown which is a sort of intermediary between the crown proper and the terminal, and this bud is pretty nearly always a safe one to use. I don't know of any variety that will not develop a perfect flower from it.

Plants that produce a crown bud early in August will often produce a late

The only way to get an accurate idea of how certain buds will mature in your own individual locality, is to make a note of the dates the buds are taken and see which ones produce the best flowers. Then you have a working data and will know for another year.

BRIAN BORU.

surrounded by 5 or 6 rows of McKinley. The combination is grand. It is impossible to see the flowers of McKinley in the picture, but for many weeks the plants have been covered with bloom as a geranium bed. Eighteen inches, even 2 ft., is considered the right distance to plant cannas, particularly of the stron-



Exhibit of Evergreens at the Pan-American Exposition.

EXHIBITS AT THE PAN-AMERICAN.

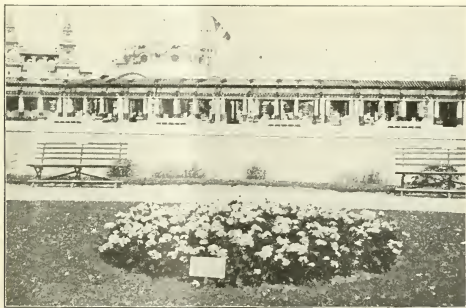
The bed of geranium "Le Soliel" is the exhibit of C. W. Ward of Queens, N. Y. These plants were unfortunately received during our wet spell here and had to remain in the packing box almost a week before we could get them in the ground, and nothing suffers worse under these conditions than a geranium. But they quickly got over it and for many weeks have been a most brilliant bed.

ger growing varieties, but Mr. Ward sent us such an abundance of plants that we were able to plant these only one foot apart, so they have quickly filled up and have made a magnificent show. If you want a quick return, plant thickly. No florist can afford to be without the McKinley canna.

The bed of evergreens is the exhibit of the William H. Moon Co., of Morrisville, Pa. They were planted about May 10, and occupy a square bed just north of the Woman's Building. In the center are three Pinus exce'sa. Next to them are nine Retinospora plumosa. Next to that come a row of Retinospora squarrosa and next Retinospora aurea. The whole were surrounded with an edging of the Golden Juniper, quite small plants. Quite a number of the juniper died, but not a single one of any of the larger plants. We have had occasion this summer to move several small evergreens, which we have done during the month of July with perfect success. We all know that just as evergreens start to grow, say about the second week in May with us, is the best time to move them, and next best is possibly the end of August or early September. But I really believe that if a sufficient ball of earth can be taken that you can move them with safety any time during summer; that is, the moderate sized plants, without their losing any roots.

The bed of "Garret A. Hobart" canna is the bed of W. G. Eisele of West End, N. J. When received about the first of June, these were by no means good plants; in fact, they had suffered a good deal in transit, but they quickly started to grow and have been for a long time a most brilliant bed. It is of medium height, very stout grower, and most profuse bloomer. It is a heavy spike with a dark, rich scarlet, and I think will take rank as one of the most free bloomers.

There are two beds of geraniums on the margin of Mirror Lake, the exhibit of Henry Eichholz, Waynesboro, Pa.



Bed of Geranium America at the Pan-American Exposition.

crown the second or third week in September. The only difference in the appearance of a late crown from a terminal is in the fact that in the terminal the smaller buds are clustered closely around the central bud; while in the late crown the smaller buds appear in small clusters of two or three each on a small separate footstalk which would if allowed to remain, attain a length of two or three inches only.

In color, Le Soliel is very slightly lighter than S. A. Nutt. It is absolutely healthy and a vigorous grower; but not too rank, and I have never seen its equal for quantity of flowers. I consider it our best bedding scarlet geranium.

Perhaps the handsomest, or rather the most finished bed on the whole grounds, is the canna bed, the exhibit of C. W. Ward. It is a circle 25 ft. in diameter. In the center is Black Beauty, which is

They are of the dwarf Tom Thumb type. The variety Dryden is of the Miranda type of flower. No bed on the whole grounds has attracted more attention. It has just been simply a bouquet of its beautiful pink flowers. It is a gem. I have never seen a better bedder, and it should be grown by every florist. "America," as will be seen by the picture, is also a wonderful bloomer. For a bright, neat spot on the lawn it seems to me that this type of geranium is indispensable. They look neater and are prettier than the stronger growing zonals. America is a salmon shade.

The bed of David Harum canna has been very much admired. It is the exhibit of J. C. Vaughan, and is immediately to the east, or front, of the Woman's Building. As usual, the photograph does not do justice to the bloom. There is something remarkably pleasing about this beautiful canna. The foliage is a rich bronze, but not too dark. The flower is a fine, pleasing orange scarlet. There is harmony or blending of the flower and color of the leaf which makes the variety most attractive. I predict for this canna the greatest popularity.

WILLIAM SCOTT.

We don't believe in putting these into the sand. You might lose a smaller percentage in the sand, but you can afford to lose a few more by potting them at once. They make much better plants when rooted in the pots. Pot firmly in good sandy loam. When I say pot firmly I mean see that the soil around the base of the cutting is firm. The surface of the soil always gets close and packed by watering, but many thousands of cuttings and even transplanted seedlings are lost by loose soil around the roots. We stand the cuttings when first potted on benches where the roof is slightly shaded, but not in any north side house. Give them a good soaking when first potted and after that water only when they are decidedly dry, and unless we get very hot weather you will lose but a very few.

Violets.

Take good care of your violets just now. What I have seen has been growing freely for the past two months. All runners must be kept cut off. They should be gone over at least once in two weeks. Syringing must be kept up every fine day or you will get red spider. This is best done in the morning. During the month of September we always get an attack of aphid, which are most difficult to dislodge as they get down into the crown of the plant and because violets don't like a strong dose of tobacco smoke, which, after all, is the best way to kill aphid on most plants. Tobacco dust may answer the purpose. Fumigating frequently but mildly will keep them away, but I like best the tobacco water applied in a very fine spray, and don't overdo it in strength. Niko-teen at the strength of one in 300 of water, or the Rose Leaf extract at one to 75 of water is safe. WM. SCOTT.

HARDY AQUATICS.

Beginning at the water edge in the lower left hand corner the tall reedy growth consists of *Iris pseudoacorus* and

MISCELLANEOUS SEASONABLE HINTS.



Hollyhocks.

This is an excellent time to sow seed of hollyhock if you have the convenience to winter them in a very cool house or a well protected cold frame. The best I ever grew were sown in early September and wintered in 3-inch pots in a cool house. Unfortunately the disease has troubled us very much but this year we have been free of it. They are stately, majestic plants and nothing is finer as a background to a border. Their growth is very simple, providing you escape the disease. I would sow in a flat and when well up shift into a 2-in., and later 3-in., always remembering that they are hardy plants and want the coolest treatment, in our milder states wintering out of doors. At the same time if you want to get the very best results do as I say and winter them in a house or cold-frame in pots.

Pansies.

For pansies that are to be wintered under glass don't delay sowing at once. Those sown for field culture should now be ready to transplant into the beds, which should be done as soon as the plants are fit to handle, for the sooner they are well established and make compact little plants the better they will winter.

Pelargoniums.

The end of the month or end of September is the ideal time to propagate the show pelargoniums. Plants that went out of flower in July should have made a good growth and if they have been out of doors in the sun or in a sunny house all the better. A week before you cut the old plants down keep them quite on the dry side. It will make the wood all the better for propagating.

Now, the greatest mistake made by those who do not know the requirements of these plants is that they are afraid to cut them down. Don't be afraid; if you have but two or three inches of stem it is enough. There will be any amount of breaks from the old stems. Almost any part of the growth you have to cut off will make a good plant. The leading green growth is all right and so is a few joints below it. The cuttings can be put into 2-in pots at once in sandy loam, but it is safer to put them in the propagating bench

in the usual way. They want a good soaking and after that only water when the sand is dry. They root freely in about three weeks.

The old plants, if it is desired to keep them, can remain on the bench for a week or two and be given scarcely any water. There are no tops so they need only enough to keep them from shriveling. Very soon a great number of young growths will have started from the old wood and when half an inch long you can shake off all the old soil, trim back the roots and repeat in a size smaller than they flowered in, and you have started again on another year's growth and these old plants will with good care make fine lushy plants and are the best for early forcing.

Geraniums.

In a week or two you will be propagating your first big batch of geranium



Canna Garrett A. Hobart at the Pan-American Exposition.

cuttings. See that the plants are encouraged to make a vigorous growth. Water is sometimes needed, but never as much as hoeing, and be sure to keep the old flowers picked. If planted out purely for stock even the buds can be picked off. Don't try and propagate till the first week of September, and not then if the weather is hot.

Acorus calamus, yellow iris and sweet flag mixed, backed by *Solidago canadensis* and *S. lanceolata* and a group of aralia farther back. The small island clump at the left is *acorus* and *Sagittaria variabilis* and the growth skirting the edge of the pond off to the center is composed of the same plants with *Scirpus validus* (*lacustris*) in the water and



Pond of Hardy Aquatics at Lincoln Park, Chicago.

Scirpus polyphyllus on the brink. The first is the well known bulrush and the latter is more like a sedge.

At the cape in the center of the view is a dark group of *Aster vimineus* flanked at the left with golden rod and *Heliopsis laevis* and farther left a group of *Helianthus grosse-serratus*. Following to the right at the far end of the pond the margin is accross and *sagittaria* var., with *S. gracilis*. Near the white birch at the right is a group of *Pontederia cordata* just in bloom. The rest of the margin is made up chiefly of plants already enumerated, with *Mimulus ringens*, *Lobelia siphilitica* and minor water plants.

The groups of *nymphaea* include *Nymphaea alba*, *N. candidissima*, *N. tuberosa*, *N. Marliacea alba*, *N. Mar. carnea*, *N. Mar. rosea*, *N. Mar. chromatella* and *N. rosea*.

All of the growth in this pond is perfectly hardy and well established and the effect is largely the result of natural adjustment.

JOHN HIGGINS.

Chicago.

CARNATION NOTES.

Supporting Carnations.

There are about as many methods of supporting carnations as there are growers, and, of course, each claims that his method is the very best of all. It would be difficult to say which method is superior to all others in every respect, as each has its weak points as well as its strong points.

Many growers use wire supports of one kind or another, either home-made or one of the many kind offered by wire-workers. There is a great difference between the styles or shapes of the different makes, but they nearly all have the bad fault of being rigid or unadjustable. Such spare growers as Mrs. Bradt can

hardly be expected to stand up straight in a wire ring which is large enough to span a large plant like Crocker or White Cloud.

The one exception to this rule, that I know of, is a home-made affair, and, by the way, this is the way our best inventions and most useful appliances are worked out, and the reason is that there is always practical experience behind it. Use wire of good strength (about No. 16, I think) and cut into 3½-foot lengths. Find the center, and wind around something round, about 4 inches in diameter, leaving twelve inches of each end straight. Wind around one and a half times and bend the ends so they will hold the loop horizontal when the legs are stuck into the soil. Turn up about three inches of the ends so as to give a better foothold in the soil; if the legs are too long for the plants, turn up more. This support can be adjusted from four inches to as large as six inches across the loop, which is large enough for most plants. Another ring is made with longer legs, to support the blooms later on. Some growers use these wire supports only for supporting the body of the plant and later on put on a network of wire and twine to support the blooming stems.

Another system used a good deal is what is known as the Dornier system. After all the weeds are thoroughly cleaned out, get some woven wire fencing about fifteen inches wide. Cut into lengths to reach across the bench, bind into an angle and lay between the rows with each edge resting on the soil close to the plants. After putting these in place, stretch wires between the rows, lengthwise of the bench, and weave a series of diamond-shaped openings all over the bench by running cotton twine diagonally across the bench, wrapping the twine around each wire as you go across the bench. The only objection we

have to this method is that it is almost impossible to do any weeding after the wires are put in place.

We use instead of the wire fencing a network of wire and twine, which we like better, as we can get between the plants to work the soil or to pull the weeds, of which there are always a few coming up all through the season. We stretch a wire lengthwise of the bench between each row of plants and another along each edge of the bench, about six inches above the soil, and tie cotton twine straight across the bench (two strings between each row of plants), tying to each outside wire and wrapping once around each wire as you go across. Nail a wooden strip 3x1½ across the bench under the wires, about 20 feet apart, to keep them up off the soil. We used to use wire stretched across, but wire will stretch some, and in a few months the whole thing will be let down a few inches, thus destroying its effectiveness. Before beginning to tie on the strings we measure the length of string required and cut a lot of them the proper length. Now, this suggestion may not be new to you, but some other brother may not have thought of this simple little trick which will save him lots of valuable time. Drive two nails in a bench just one-half the length of your string apart. Tie the end of the string to one of the nails and pass over the other nail and hack until you have a ball of twine used up. Then cut the strand open on one side and you have a hundred strings cut just the same length in less time than it would take to cut ten strings one at a time. One man takes a bunch of these strings and begins on one side, tying to the opposite wire and wrapping around each wire half way across the bench, when another helper takes it up and finishes up by tying to the other outside wire, and so on until the end of the bench is reached. You would be surprised to see how quickly two active lads

can get over a bench after having a little practice. At present only one network is required, but later on, when the stems are longer and the buds are heavier, another, and toward spring, on some varieties, a third network will be required to hold the flowers up straight. See that the ends of the wires are fastened securely, so there will be no sagging.

A. F. J. BAUR.

CLOSED AND OPEN SYSTEMS.

About what will be the percentage of increase in the heating capacity of a hot water heater with a closed system over that of an open system?

I have a hot water heater made by a well known Boston concern which is rated to carry 800 square feet of radiating surface and give a temperature of 70 degrees. Last winter it failed to properly heat 480 square feet to maintain a temperature of 50 degrees. The house has but 1,200 square feet of glass.

The expansion tank has an open vent. If I should replace the present tank with a proper closed one with pressure gauge, etc., about how much more heat would I be likely to get? The heater company has had an expert examine the piping system, and he pronounced it faultless. But an article in your last issue has given me a new idea and new hopes.

C. B. Y.

In response to the inquiry of C. B. Y., it would not be possible to state definitely just what percentage of greater efficiency or heating power he could get out of his boiler by changing the piping system from an open to a closed pres-

sure in the case of this house the apparatus should maintain 60 degrees readily.

If C. B. Y. will send a rough drawing of the house in question, showing what parts are of glass, the exposure, etc., also a plan of the boiler and piping with full description of same, I may be able to locate the causes of his inability to maintain the desired heat, in which case I will be pleased to advise him as to his most effective course to reach the desired results.

H. W. GRIMONS.

New York.

PITTSBURG.

The Florist Club.

Our regular monthly meetings are on the evenings of the second Thursday of the month, but on account of the S. A. F. convention, our August meeting was postponed till the third Thursday, so as to give the boys who went to Buffalo a chance to express themselves as regards the convention and the Pan-American. All who went to Buffalo were delighted; they enjoyed the trip, were exceedingly well pleased with the convention and the courtesies of the Buffalo florists, and had a real good time at the Pan-American Exposition and at Niagara.

At our September meeting we are to show and discuss seasonal flowers, hardy and tender, and the members have been requested to bring in a little of whatever they have in bloom, as material to talk about.

The Buffalo Convention.

The president's reception. Yes, yes,

regarding the propriety of that "orator" business.

If our president would devote a session or a part of one to a discussion of the newer and most important plants, implements, etc., shown by exhibitors, I believe it would be highly interesting to most of us, and if anybody can do this intelligently John Burton can, for he has the practical experience and discriminative knowledge. These exhibits could be selected by the judges of awards. For instance, in the line of plants: Take one or two of those very brightly colored crotons, Wittbold's fern, any little known palms or other plants and set them on the president's desk, and he shall take them up, one at a time, and, say, ask how the crotons were colored, how the fern was adapted for several purposes, who grew the palm successfully and how, how many years gladioli could be grown on the same ground without deterioration, etc. In reply we would get experience from all over the country. The same with flower pots, kinds of hose, appliances for heating wagons, glazing, and many other things. We do this at our club meetings and we have fine meetings, and everybody says something; the quietest among us will answer a question, but to ask us to write a paper or make a speech would scare us half out of our wits.

P. A.

BUFFALO.

The Convention.

Last week appeared like a calm after the storm. Yet we were by no means lonesome and had quite a sprinkling of the florist visitors well into the middle of the week, and a few stragglers can yet be found.

We have had no business meeting yet and no opportunity to throw bouquets at each other for any efforts that we made to make the convention a success. Where all tried their best it would be bad taste to single out any for special praise; still I won't offend any by saying that we owe much to Charles H. Keitsch for his able work in managing the trade exhibit. Kasting has no equal as a raiser of the sinews of war, which is most important of all. Braik put his whole soul and body into the sports. Adams worked like a Trojan to get everybody comfortably housed, and did it, I believe. Legg stuck to his post as secretary most faithfully and ably. And for a good all round worker, here, there and everywhere, not for honors or publicity, but for the good of everybody, Charlie Guenther takes the cake. A club of twenty-five members with the earnestness, industry and usefulness of Mr. Guenther could rise to any achievement.

Business.

It seems to me that business is much above the average for this unusually very dull time. Gladioli, asters and sweet peas are the principal stock in trade, with a sprinkling of roses. Of Kaiserin there are plenty. None of our local growers plant out many Cochet. The pink is beautiful, but the white is even more valuable. More carnations should also be planted out of doors early and by this time would be giving us any amount of flowers.

An indispensable article just now is the Japan lily. I would advise anyone to have a crop of these started as late



New Canna David Harum at the Pan-American Exposition.

sure system, but assuming that the boiler he has is designed, constructed and fired as a slow combustion boiler, he can, undoubtedly, add to its heating power, by increasing the draft and consequently the temperature of the fire.

It seems to me that a boiler manufactured by a reputable concern and rated by them to heat 800 feet of radiation should certainly be able to heat the house described as containing but 1,200 feet of glass, and that the 480 feet of radiation in the pipe coils should readily maintain a night temperature of 50 degrees, assuming that the pipes are properly arranged and installed, in fact unless there is some very unusual element of expos-

Brother Scott, for mercy's sake, drop it!

John Burton is an honor to our business, and right glad I am that he has been elected our president. As well as being most successful in business, his sterling honesty and manliness are proverbial over the whole country.

On to Asheville! No, not from Pittsburgh. We went in force to Buffalo, but we cannot do so to Asheville. We ourselves are to blame, however. Had we all stood by the society and attended to our business in the convention hall, instead of running around the parks and the Pan-American in convention hours, this would not have happened. I admit my guilt. And I have very ugly ideas

as March. We bought 500 quite late. They had kept in the original cases perfectly and are now coming grandly and just what we want for bunches.

Various Items.

The growers of the neighborhood have been busy lifting their carnations and most of the houses at Coriú and Lancaster are filled.

The many friends of Prof. J. F. Cowell will be glad to hear that the sudden illness with which he was attacked during convention week has entirely disappeared and "Richard is himself again," or rather Frank.

that I was at all nervous over, thinking possibly they would not be a success, but we are now assured they will later make a fine effect.

The bed of ornamental grasses by Henry A. Dreer is now at its best and much admired. There are several beds of tubercous rooted begonias. Most people are afraid to trust these in the broad sun, but with careful watering, followed by a stirring of the soil, they promise to be just as brilliant as geraniums. Among geraniums "Le Soleil" is still keeping up its remarkable flowering qualities. Nothing in a scarlet can be better. "Pasteur" is also grand.

of Sylvania, Ohio. But by far the largest exhibit is that of H. H. Groff, of Suncoc, Ontario. Mr. Groff planted out 150,000 bulbs especially for the Pan-American and when they are exhausted his associate, Mr. Arthur Cowee, of Berlin, N. Y., has 28 acres more to draw from. Some 10,000 spikes are continually on exhibition and the number of varieties, the marvelous markings and coloring of the flowers, are truly wonderful. A very pleasant incident in connection with this gladiolus show, but which is absolutely authentic, is the fact that a lady on seeing these gladiolus went across the aisle to the telegraph



Exhibit of H. Bayersdorfer & Co., Philadelphia, at the Buffalo Convention.

Capt. Braik has discovered that shooting off 100 rounds of shell entirely unfits you for bowling. It deadens the muscle. While this is the case with some of us it worked differently on John Burton. Any excuse is better than none.

Pan-American Items.

It seems rather soon to be telling the florists what is to be seen at the Pan-American, but after all there are thousands who were not here and who I hope will be glad to read in your columns of what we are doing in the horticultural line. On the whole I consider this summer has been very favorable for all outside growth and the past two weeks has made a great improvement in many of the beds and plantations.

The herbaceous borders of Henry A. Dreer are most interesting at this time. Many fine things are in bloom. Cannas, are, of course, about the most showy of the plants. A bed of dwarf "Florence Vaughan," the exhibit of J. C. Vaughan, is particularly attractive just now and so is David Harum: Victory I have spoken of before, a most beautiful flower.

There is nothing finer on the grounds than a large bed of "Tarrytown," the exhibit of F. R. Pierson. This has scarcely the clear, bright scarlet of "McKinley" but is profuse of bloom. It seems to surpass almost any variety. Three other cannas now looking fine are Gen. Washington, a brilliant scarlet; Buttercup, a pure yellow; and Niagara, a variety very much resembling Queen Charlotte. These last three are the exhibit of Conard & Jones.

I am glad to say that dahlias are doing well. These are about the only plants

The nymphaeas on the borders of Mirror Lakes have been for several weeks at their best and I am proud to say that Mr. William Tricker, who has lately paid us a visit, says they could not have done better anywhere. They have added very much to the beauty of these small ornamental sheets of water. The large basin in front of the manufactures building, devoted to hardy nymphaeas, can at least be pronounced a decided success, and with its twenty varieties presents a most beautiful appearance, particularly in the early morning. As many know, we had great difficulty in making these basins hold water. Too large a quantity of water has been needed to keep them up to the right level. This is by no means the conditions for best results. The warm basin, in which are two plants of Victoria Regia and two of Victoria Trickerii, has been fairly successful. The leaves of victoria are now about 4 feet and the exotic nymphaeas are flowering freely. Both are well worth a visit but I am afraid many come to the grounds and do not find them out. Surrounding them is some very ornamental carpet bedding done by Mr. Ulrich.

The large plot devoted to a dozen beds, the exhibit of the Detroit Parks and Boulevards Commission, is now looking very fine and attracts great attention. The gladiolus show in the main horticulture building and north conservatory has been a feature for the past two weeks. We have had exhibits from the Michigan Seed Company, South Haven, Mich., James Vick's Sons, Rochester, a larger exhibit by Peter Henderson & Co., of New York, and several large shipments from the Cushman Gladiolus Co.,

office and sent this message: "Come to the Pan-American. The gladiolus show is worth the journey alone."

I can scarcely believe that at any time during the whole year will the grounds look any better than they do at the present time. Everything is green and blooming. People are realizing this for the attendance is now up to the 70,000 mark and we look for an increase daily. No florist can afford to miss the Pan-American. I hope to shortly send you an accurate description of all the varieties of cannas that are shown here, beginning with one grower's exhibit and following with the others.

WM. SCOTT.

NEW YORK.

The Market.

We are having a remarkable spell of dull wet weather and in consequence a certain section of the cut flower trade is very dull. Roses can be bought at prices ranging from 50 cents per 100 for the poorest up to \$8 for the choicest few of the Victorias, etc. American Beauties are commencing to come in in fairly good quality; \$3.00 per dozen is the steady top price for the select whilst the bottom grades are sold on the streets by the Greeks at 5 cents per bunch of six.

Carnations are of course scarce and \$1.00 and \$1.50 per 100 are asked for the few seen. Cattleyas are also few and far between; from 40 to 60 cents are the market prices. Valley is bringing \$3, \$4 and \$5. White asters have been in fairly good demand; \$1.00 per 100

has been given for presentable stock while the colored ones could be had for half the price. Gladioli 50 cents per 100, and Hydrangea paniculata, the poor retailer's greatest friend at present, brings \$2.00 per 100. Large quantities of the usual outdoor flowers are obtainable at reasonable prices, the only trouble is that their uses are limited except for summer residences and a few city restaurants and the florists' window.

Various Items.

Without exception in any section of the trade everyone anticipates a very good business the coming season; the prospects in New York never were brighter. The retailers and many of the wholesalers are busy repainting their stores and in many other ways preparing for an increased trade.

Good sized decorative plants are scarce and high and will be more so next winter.

Large shipments of kentias are coming over from Europe and the prices are going to be almost prohibitive for perfect stock. Many early buyers have been already scouring the market and report that as high as \$150.00 each has been asked for specimen kentias (mighty good stock to invest in, especially where you rent them out).

American Beauty is going to be the rose par excellence the coming winter and many have greatly extended their cultivation of it. Next year if the steel and glass can be had at any fair price there will be lots more houses erected for Beauty growing.

There is nothing but praise heard for

work to make the Madison Square Garden show in October a success. This is a tremendous undertaking, affecting as it surely will floriculture all over the state. A vast amount of money is at stake and something far more than money. The date is early for flowers and for wealthy people to attend but in this effort every gardener and every florist within reasonable travel of this city, eye those from long distances, should be represented by plant or flower. The greatest care should be taken by the club, as no doubt will be the case, that competent and fair judging will prevail. But it isn't the money or the judging; get in the race anyhow.

Pres. W. F. Sheridan presided at the club meeting which was held on Monday, the 12th, and W. J. Stewart acted as secretary in the absence of John Young. J. W. Withers reported progress for the exhibition committee and Mr. O'Mara for the ways and means committee gave a very encouraging report on the financial end. He thought that special donations might cover the entire prize list for the coming show and that the guarantee fund for future shows may be unnecessary. H. Beaulieu made a display of dahlias; the judges requested that he exhibit one named "Alex Wallace," again at next meeting. A press committee was appointed consisting of Messrs. Bunyard, Burns and Hafner.

After celebrating the victory on the Buffalo alleys the bowlers adjourned to allow the experts to patch the reputations damaged at the tournament.

J. I. D.

in sold at 2½ cents, a good price for this time of the year; the poorer ones all went at \$1 per 100; this price is too high for the quality of the stock. Asters, for the best, 2 cents, and from that price down to 50 cents per 100. Gladioli are very poor; so are tuberosa stalks; these sell at 3 cents per stalk for the best.

There is quite a lot of funeral work and white stuff is in great demand; almost anything is sought to make up the work.

The outlook for a better quality of stock in the near future is promising; the young rose stock is uniformly in very good condition; the carnation plants are looking fair and are making rapid growth, especially those in low ground, where the plants have more moisture; violets in some places are looking good, while at other places the stock is more or less affected by the drought.

Notes.

Mr. Augspurger, of D. Augspurger & Sons, of Peoria, Ill., was in town the past week selling Boston ferns. Mr. Augspurger says that the classified ads. in the Review gave them wonderful results.

Mr. M. L. Dollins, representing The Tropical Plant Co., of Orlando, Fla., was in town last week calling on the trade.

Emil Schray, secretary of the St. Louis Florists' Club, was married last Wednesday to Miss Linda Fortmann, of South St. Louis. The happy couple left the same evening for Buffalo to spend a two weeks' honeymoon. The wedding of Mr. Schray was something of a surprise to his many friends, as he had not generally announced his matrimonial intentions. Mr. and Mrs. Schray will be at home to their friends after September 1 at their newly furnished home opposite Mr. Schray's place of business on Pennsylvania avenue. Congratulations are now in order.

William Lamar, keeper of Forest Park, was married last Thursday afternoon to Miss Marie A. Dubois. After the nuptial knot had been tied Mr. Lamar and bride, accompanied by Park Commissioner Ridgely, took supper at the cottage in the park. Mr. and Mrs. Lamar will reside for the present in Forest Park.

Rudolph Kitchner on last Friday received official notification of his appointment as keeper of City Hall Park and will assume his new duties August 19. Notwithstanding the drought the flower beds and the lawn in the City Hall Park are in excellent condition, which is due to the efforts of Mr. Kitchner.

Mr. George Waldbart, on Grand avenue, reports an excellent business so far this summer. Mr. Waldbart chaperoned a party of five St. Louis florists during the Buffalo convention and all report the best time of their lives.

Mr. C. C. Sanders is very busy of late. He is moving his residence back from its present location. A fine new show house on Clara avenue will be his next move. This will give Mr. Sanders one of the best locations in the West End.

Mr. Theo. Miller, on Delmar avenue, is building a new office on the side of his greenhouse store, which will give him the necessary room he is in need of.

Mr. B. Eschner, of M. Rice & Co., Philadelphia, is in town and is booking lots of orders as the result of their fine display at the convention.

John W. Kunz, with H. G. Berning, is off on a two weeks' vacation.

Emil Schray and bride, who were on their way to Buffalo, were recalled by

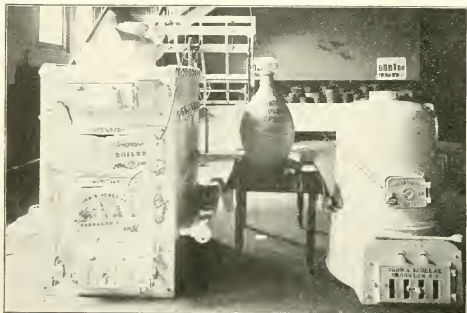


Exhibit of John A. Scollay, Brooklyn, N. Y., at the Buffalo Convention.

the Bison boys and girls. New Yorkers greatly appreciate all that was done to make their visit to Buffalo a pleasant one. There is a general "kick myself" feeling attached to every member owing to the Asheville tragedy but as the sentence is far away the thing is beginning to assume a philosophic shape. Pollworth may have been defeated but St. Louis would have trouble for 1903 should we go to Milwaukee next August.

Club Meeting.

New York florists wasted no time for rest after returning from Buffalo. It may be said that the members of the club went to the club rooms from the train almost and at once retackled the

ST. LOUIS.

The Market.

The market conditions remain unchanged and the past week saw more flowers than the business needed. I don't remember of ever seeing so many poor flowers in this market as at present. The demand is good but stock so poor that the retailer does not care to invest, as it is better to refuse orders than carry poor stock and lose trade. Of course some very good stock is coming in but not nearly enough to go around.

The best roses sold last week for 4 and 5 cents and from that down to \$1 per 100. A few fancy carnations that came

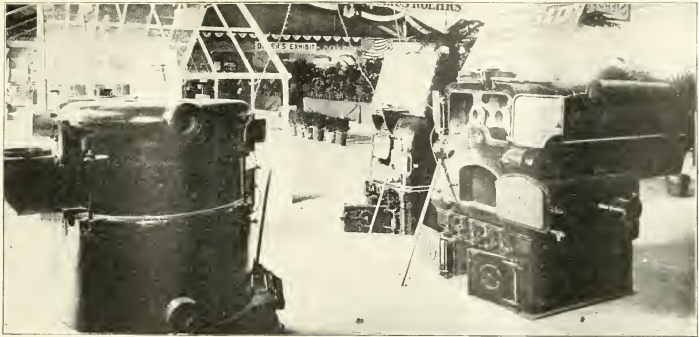


Exhibit of Hitchings & Co., New York, at the Buffalo Convention.

the sudden death of Mrs. Schray's mother, Mrs. Flotmann. Emil and his young wife have the sympathy of all the florists.

J. J. B.

PHILADELPHIA.

The Market.

The cut flower market has been in fair shape for the past two weeks, an occasional very busy hour being sandwiched between the quiet ones. There is undoubtedly more business done now than in past years at this time. The increase is chiefly in design work. Beauties are improving in quality and stem and there are more of them. Edwin Lonsdale is sending in some very nice blooms of this rose to S. S. Pennock. The price is \$2.50 per doz. for fine flowers with 24-inch stems and ranges down to 50 cents per doz. for short stemmed, poor or open flowers. Meteors, Carnots, Maids, Brides and La France can be had in limited quantities of fair grade at \$3 to \$4 per 100; seconds, from \$2 per 100 down; choice Kaisersins bring \$4 to \$6 per 100. Leo Niessen is receiving some nice (for this season) white carnations. The best bring \$1.50 per 100; ordinary grades, \$1 per 100.

Asters are very plentiful and sell pretty well at \$1 to \$1.50 for good stuff; the poorer ones don't sell. A few Semples are to be seen and have the call. Lily of the Valley is in demand at \$3 and \$4 per 100 for firsts. Some of it is nice but there is some trouble with damping due probably to the moist weather. Greens are rather scarce; those that come in sell pretty well at about last quotations.

Various Notes.

S. S. Pennock is receiving some very fine Meteors from Charles L. Price, of Lansdowne.

Adolph Fahrenwald, of Hillside, James Anderson, of Garrettford and Charles W. Cox are all cutting a few new crop Beauties; the first two ship to S. S. Pennock.

W. J. Baker is, and has been, receiving a very good grade of asters.

Leo Niessen is receiving some nice long stemmed Beauties from David Anderson of Garrettford.

This city has been visited by some extraordinarily heavy rains this week. Monday saw two tremendous downpours which caused some damage; railroads were washed out, shipments delayed and houses and cellars inundated.

Riverton.

The lot of the correspondent of a live horticultural paper is not always a happy one. He must know or find out something worth writing about and no matter how busy he may be that something must be put in shape in time, even if it takes him well into the wee small hours; he must lay aside his pipe and he mustn't mind black bugs that drop from the light onto his paper. There are, however, compensating advantages—one of these fell to my lot a few days ago when I had a delightful two hours' ramble with J. D. Eisele over the H. A. Dyer place at Riverton. It is not possible to cover this place intelligently in two hours or probably in two days; but you can get a surprising amount of interesting information in that time when under the care of such a guide. We began in the houses.

Adiantum Bensoniana is a graceful fern believed to have a future before it. It is largely grown about London and is considered as ranking second only to A. Farleyense; unlike the latter it is not a variety for cutting but makes a beautiful specimen, the fronds being shorter than those of A. F. and appear less easily bruised.

Pandanus Sanderii is a prime favorite; it propagates more readily than P. Veitchii, suckering and rooting freely. The cuttings when removed from the parent plant show an embryo root not observed in P. V. which appears to greatly facilitate propagation. The older plants retain their variegation down to the lowest leaf but in summer lose their bronze color; this will return in cooler weather and probably can be retained even during summer under certain conditions. Mr. Eisele feels confident that P. S. is a distinct species. It is expected that the stock will be offered about January 1, 1903.

There are two whole houses of *Cibotium Scheidii*. A beautiful sight they are. One house is filled with specimens

in 7-inch pots; the other with 9-inch pots. Orders are being booked now for delivery October 1, at \$1.50 each for the smaller size and \$3 and \$3.50 each for the larger. This fern is found to be very durable and is unsurpassed for store or home decoration. "Everybody is growing Boston so we have a stock of *Nephrolepis davallioides furcans* for variety," Mr. Eisele remarked. They promise well and should soon make good plants.

There is a splendid lot of about 130 varieties of hardy phlox in full bloom outside; there are about a dozen distinct colors, the rest being variations. F. G. von Rassberg is a fine white variety considered best for florist's cut flower work. *Rudbeckia Golden Glow* is also very showy and ought to be found in every garden. A new canna, No. 1164 from Wilhelm Pützer, Stuttgart, Germany, the introducer of Queen Charlotte and many other fine varieties, is very promising. This new canna grows to a height of about 32 or 4 feet, has bronze foliage and bears large flowers of an intense orange scarlet. This canna is more than likely to prove of great value. It will be given another year's trial.

Abutilon Crimson Rose, has a fine large flower. There is also a clear yellow flowering abutilon with large petals that is very distinct.

Cymucheia acuta, a vigorous climber, in its second year, catches minute insects, alas not mosquitoes, in its hairy florets. Whether this is done for sport or for a living is in course of examination.

Much pleasure is felt regarding *Clematis Durandi*, a pale blue of the large flowering hybrid class. This variety is believed to be entirely free from the diseases so prevalent among clematis of this class. Mr. Eisele considers these hybrid clematises most discouraging to florists and amateurs alike. They are often sent out in perfect condition and soon after being received and planted they have fallen victims to a fungous disease. It is to be hoped that this variety is but the pioneer in a class of practically disease proof clematis.

Among the hardy perennials whose flowers are not yellow, quite a recommendation to most florists, *Stokesia cymnea* is considered a valuable blue flower

for cutting, superior to Scabiosa. Delphinium Charles Reade, is now producing its second crop of bloom. This plant produces a blue flower somewhat like mignonette in form and borne on long stems ranging from 12 to 15 inches.

Solanum jasminum is a good white summer bloomer that ought to become more popular among our florists; it looked very well here. Two dracaenas in form resembling *D. indivisa* but with different foliage next claimed our attention. *D. Decucci* has variegated green and white foliage; *D. Lentig* has bronze foliage; both will surely become popular when they are better known.

Cocos Bonnetti is thought to be a wonderful outdoor palm, better than any phoenix. A very fine specimen is to be seen; the price is necessarily high as in the case of all large cocons.

Quite a lot of 5 and 6-inch camellias are grown for shipping south. They are now plunged in ashes outdoors under a high slate roof.

Three acres are being added to the aquatic plant. The ponds now in course of construction will be larger than the present series of ponds. James Brydon is considered the ideal nymphaea of today. The aquatic department has met with encouraging support, especially from parks and large private places.

Gross an Teplitz, called the Crimson Hermosa, is a rose that it is believed will prove popular as a florist's rose for pot sales.

There was not time to examine the canna fields and many other things before the good steamer Columbia appeared and carried off many boxes of growing freight tagged for far distant points, and also these hasty notes.

Honors won at Buffalo.

Philadelphia is justly proud of her sons. Cups, trophies, prizes galore have they brought home from the national convention at Buffalo. The Henry A. Dreer Company captured the silver cup for a fine 400-foot display of palms and ferns which, by the way, will not return to Riverton. Then Charles D. Ball, M. Rice & Co., Robert Craig & Son, H. Bayersdorfer & Co., and many more did exceedingly well, winning honors with their displays. It was in the sports, however, that her sons shone most brilliantly, bringing home nearly all the bowling and shooting prizes, as a glance at the scores will show.

John Burton's election as first president of the S. A. F. O. H. under the new charter is a very gratifying to Philadelphia. Mr. Burton is one of our very best men, representative of thoroughly up-to-date horticulture, and a man who can and will make the Asheville meeting a success.

Philadelphia thanks Buffalo for her hospitality with all her heart. PHIL.

CHICAGO.

The Market.

The market is somewhat easier, especially on roses. More carnations are coming in but the quality is not improved. However, the recent rains have been of benefit to the plants. The whites have averaged better in quality than the colored ones.

Prices hold up firmly on the best qualities of roses and carnations but are easier on the poorer grades. Good Brides and Maids go at \$3 to \$4 while poorer ones are offered at as low as \$1, and we

hear of a sale of some very extra Kaiserins at as much as \$7. The supply of Beauties has nearly doubled during the past week and the quality has considerably improved. Good shorts bring \$4 to \$6 while those with 12-inch stems are held at \$1 a dozen and the longer ones up to \$2. Some good Liberties are being cut and they sell well at \$4, \$6 and \$8 per 100. Carnations still range from \$1 to \$1.50. Fancy asters are in good demand at \$1.50 per 100, and occasionally \$2 is obtained for a few very extra, but the poorer grades are not wanted at any price. Gladiolus are still a glut and pretty fair spikes are offered at as low as \$1 a hundred.

Various Items.

Mr. C. L. Washburn and family will return this Thursday from Athelstone, Wis., where they have been resting and fishing.

W. E. Lynch is missing from E. H. Ihant's and is enjoying his vacation. Mrs. Lynch recently returned from a three-months' absence in the east and he will need a little time to get acquainted with her again.

Kennicut Bros. Co. have recently purchased eleven tons of wrapping paper and twelve tons of newspapers for the coming season's business. They are evidently planning for a generous increase in trade.

Walter Mott, representing Henry A. Dreer, was a recent visitor.

A meeting of the bowling club will be held in the near future and action taken on the result of the Buffalo tournament.

The hardy garden at Lincoln Park is now gay with phloxes and sunflowers. Some of the beds of hardy roses are again in bloom—but not the roses. Gladioli had been planted among the bushes and their spikes of flowers are now making the beds attractive.

Mr. Arthur Newell, of Kansas City, stopped a day here on his way home from the convention.

ADVANCING FLORICULTURE.

All who have inspected the displays in the department of floriculture at the Pan-American Exposition at Buffalo are loud in their praise of the splendid work accomplished by Mr. William Scott. It has been educational to many florists as well as to the general public and its value in the advancement of floriculture in America can hardly be estimated.

The profession is certainly to be warmly congratulated that such an able gardener and capable manager has charge of this display at the exposition, and the thanks of the whole trade are certainly due Mr. Scott for the sacrifices he has made in order that floriculture should be adequately and properly represented. Only such a broad-gauge generous and public-spirited man as Mr. Scott could be induced to practically turn over his own large business interests to other hands in order that he might be free to give his full thought and time to a work that is purely for the general good.

We are pleased that the Society of American Florists has recognized this and honored itself as well as Mr. Scott in a set of resolutions, which are to be engrossed and which will no doubt be among Mr. Scott's most treasured possessions.

Now is the time for the florists of St. Louis to make sure that floriculture

will be in capable hands during its exposition. Don't wait until the political wire pullers have filled the position with an incompetent man whose only ambition is to draw a salary. See that your very best man is offered the appointment and bring pressure to induce him to accept it.

A REMARKABLE AFFINITY.

Rudd made a speech for Milwaukee, but he half admitted sub rosa that he voted for Asheville. Did you ever notice the remarkable affinity that man has for the side he thinks is going to win?—G. C. WATSON in American Florist, Aug. 17.

[We refuse to believe that Mr. Rudd would play such a trick on his Milwaukee friends—at least until we have further information as to what Mr. Deake brought with him from Asheville.]

MONTGOMERY, ALA.—Mr. W. B. Paterston, of the Rosemont Gardens, reports business since Jan. 1 last as double that of any former year for same period. His stock is in excellent condition. All the roses have been planted for some time and he is getting ready to house his carnations, of which he has 12,000 plants in the field, all in the pink of condition.

NEW ORLEANS.—At the recent annual meeting of the New Orleans Horticultural Society officers were elected as follows: Jas. Newsham, president; L. Lapouyard, vice-president; D. Newsham, secretary; John Eblen, treasurer. At the supper which followed much enthusiasm was manifested regarding the coming fall exhibition.

MINNEAPOLIS, MINN.—Miss Eleanor A. Ormerod, the noted entomologist and botanist, died Aug. 9. She was unique among women. Last year the University of Edinburgh conferred upon her the honorary degree of LL. D. Miss Ormerod being the only woman who has thus been honored.

JACKSONVILLE, FLA.—A new range of glass is to be built at the Florida Agricultural College. The main building will have a frontage of 60 feet by 45 deep over all. The center dome will be 30 feet high; wings 12x16. The entrance will be of brick and will be 38x16 feet.

HELENA, MONT.—The Salt Lake Floral Co. has been incorporated here by W. B. Hamilton, G. L. Templeton and W. D. Mangon of Butte. Capital stock, \$25,000. The company will have a branch in Anaconda.

OAK PARK, ILL.—The Fair Oaks Nursery Co. has been incorporated with a capital stock of \$30,000. The incorporators are Edw. Payson, A. E. Berry and R. K. Bickford.

SEND YOUR "Situation Wanted" advs. to THE FLOWERS' REVIEW. One insertion of a 35-word adv. free to subscribers.

COLORADO SPRINGS, COLO.—The annual flower show opened Aug. 15 in the big tents in North Park with a good display.

ST. CHARLES, MO.—Edwin Denker has added a new carnation house to his range of glass.

CENTERVILLE, IND.—E. Y. Teas, the veteran horticulturist, is now located here.

CUCUMBER FORCING.

Will some reader of the REVIEW kindly give me some information regarding the forcing of cucumbers? F.

GOOD RESULTS.

The adv. in your paper gave good results.—WINCHESTER & SOX, Pocatonia, Ill.

BETTER RESULTS.

I shall continue to patronize your columns by giving you a greater proportion of my advertising, as the REVIEW gives me better results.—JOSEPH HEACOCK, Wynote, Pa.

FIVE TIMES AS MANY.

I spent \$2 in the classified columns of the REVIEW and as a result sold five times as many plants as I did through \$25 worth of advertising in another paper. This is experience that can't be gaisaid.—G. P. MOORE, Ocean City, N. J.

A GOOD THING.

The classified ads. are a good thing. It is easy to find just what is wanted, and I think it is only a matter of a little time before people generally will realize this.—S. M. HARRISON, Danville, Ky.

SEND your "Help Wanted" advs. to the FLORISTS' REVIEW. One insertion of a 35-word adv. free to subscribers.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every advertiser is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—600 ft. 2-in. pipe, 250 ft. 1-in. pipe and 100 ft. 1/2-in. pipe. Also 20 boxes 10x12 double strength B glass, T. B. Stroup, New Philadelphia, Ohio.

WANTED—September 19th, competent young man; designing, propagating, growing cut flowers; honest, industrious; no other kind; \$9.00 a week and furnished room; an opening with a future for a husband; furnish references, John R. Laws, Columbus, Miss.

WANTED—450 ft. of 2-in. pipe; guaranteed in good condition. Address Benson Bros. Newport, Ky.

SITUATION WANTED—By young man, single; 7 years' experience; capable of taking charge of wholesale or retail place, or section of houses of large place; first-class references. Address A. T. care Florists' Review.

SITUATION WANTED—As florist and gardener. On some good private place where a sober, industrious young man is appreciated; 12 years' experience; references furnished; state wages without board. Address Y. P. care Florists' Review.

FOR LEASE—3,500 ft. of glass in good college city of 1,000 population; good business; stream beat. Address C. K. care Florists' Review.

FOR SALE—Horizontal boiler, capable of heating 1,800 feet 4-inch pipe; in good condition \$300. Daniel Branch, 3949 Indiana Ave., Chicago.

FOR SALE—Two Hitchings' boilers, Nos. 16 and 17. A. Claus, Springfield, Ill.

FOR SALE—Cheap; one Model boiler in good condition; only used two winters; should not be compared with old worn out boilers; will heat 2,000 ft. 4-inch pipe; also a few hundred feet of old pipe, 3 to 1 1/2-in., 3 and 4-in. boiler tubes for heating purposes. Davis Bros., Morrison, Ill.

FOR SALE—Great bargain; dwelling, 4,000 ft. of glass; good trade, no competition; live college town; must be seen to be appreciated; other business. Address A. C. care Florists' Review.

WANTED—Young man, for greenhouse work; some experience; good wages to worker. J. E. Kranz, Muscatine, Ia.

WANTED—A man that can grow violets and carnations, or will rent. Reason, Rheumatism. Henry Diets, Sibley, Ill.

SITUATION WANTED—Retail store as a decorator and decorator 3 years' experience; furnish best of references. Address H. W. S. care of Florists' Review.

WANTED—Foreman for carnation section; married man. Wietor Bros., 61 Washburn Avenue, Chicago.

WANTED—A good first class man capable of taking charge of about 12,000 feet of glass; must thoroughly understand growing bedding plants and cut flowers. A. H. Schneider, Oak Park, Ill.

FOR SALE—Greenhouses in capital city of Michigan; good profitable business; established 24 years; no encumbrance; with or without dwelling; to be sold on account of ill health. Address Robert Mann, 1238 South Washington Avenue, Detroit, Mich.

SITUATION WANTED—As an assistant florist. S. capable of taking charge of a small place; reference. Address Rose, care Florists' Review.

SITUATION WANTED—As working foreman on commercial place; 13 years' practical experience; best of references; single. Address Ed. Wiseman, 601 N. 10th St., St. Joseph, Mo.

SITUATION WANTED—By September or later S. by an active florist; to take charge of Wholesale or retail place; German pipe 40 to 25 years' experience in growing roses, carnations, pot plants and cut flowers; some experience in Ohio wholesale firm. Address Ohio Grower, care Florists' Review.

FOR SALE—Who wants them? One Hitchings No. 16 corrugated fire box boiler and one No. 3 conical boiler; two Hitchings lat open expansion tanks; all in good condition. \$100.00 cash. L. C. Holton, Bennington, Vt.

FOR SALE—Greenhouses in one of the best cities in Michigan; 11,000 feet of glass; good business, everything right; the price will secure you must be sold on account of death. Address 50, care Florists' Review.

FOR SALE—some extra good second hand 3-in. pipe at 50c per foot; also some 1-in. guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—Second hand boiler in good condition to heat 1200 to 1500 feet of 4-inch pipe; also a set of 2 to 4-inch tanks; price according to capacity and condition. A. & G. Rosbach, Pemberton, N. J.

WANTED—Young man for greenhouse work; some experience; good place. T. F. R. care Florists' Review.

FOR SALE CHEAP—One second hand 20 horse power Atlas horizontal tubular boiler, with dome attached; complete for setting up except stacks; will be sold at a bargain; has been in use but short time. G. Van Bochove & Bro., Kalamazoo, Mich.

FOR SALE—50 boxes double strength 11-in. A and B glass; also one Hitchings No. 16 corrugated fire box boiler; in use five seasons; as good as new; will be sold at a bargain; has been in use but short time. Carl Raub, Springfield, Ill.

FOR SALE—The most profitable retail cut flower or stock business in the western district of Chicago (Rogers Park); stock, ice box, counter, etc.; price, \$300.00. Address A. B. care Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago. Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 3, care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age.

A Decorator and Designer second to none, with best references in the country, wants a permanent position.

Address Salesman, care Florists' Review.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST

FOR PARTICULARS ADDRESS JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J. Mention The Review when you write.

THADEN'S WIRE TENDRIL.



Adapted to horizontal wires as well as stakes for Roses, Carnations, Chrysanthemums, etc.

We claim that the tendril does not crowd the plant, but holds it firmly and with freedom. Does not mutilate the foliage. Harbors no insects. Makes the plant come to a straight stem. Admits of free circulation of air. Requires no skilled labor to place properly. Can be rolled up or down the stakes. Easily put on and easily taken off, and are durable. Sample package of 100 prepaid for 10 cents.

H. THADEN & CO., Florists and Seedsmen, 23 South Broad Street, ATLANTA, GA.

Mention The Review when you write.

VEGETABLE PLANTS! PLANTS!

CASSAGE—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100. \$1.00 per 1000. \$8.50 per 10,000. \$75.00 per 100,000.

CELESTY—Giant Pascal, Golden Heart, White Solid, Golden Self Blanching and other varieties. 15c per 100. \$1.00 per 1000. \$8.50 per 10,000. Giant Pascal and Golden Heart, \$75.00 per 100,000.

If by mail add 10c per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md. Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Perle and La France Rose Plants

La France, 4-in. pot plants.....	\$10.00 per 100
Perle, 4-in. pot plants.....	6.00 "
La France, 3-in. pot plants.....	4.00 "
Perle, 3-in. pot plants.....	3.00 "
La France, 2-in. pot plants.....	3.00 "
Perle, 2-in. pot plants.....	2.00 "
Bride, 3-in. pot plants.....	5.00 "
Bridesmaid, 3-in. pot plants.....	5.00 "
Katerina, 3-in. pot plants.....	5.00 "

J. W. COLFLESH, 534 St. & Woodland Ave., Philadelphia, Pa. Mention The Review when you write.

A few Bridesmaids and La France

Strong, healthy 4-in. plants. \$5.00 per 100. Also a few 3-in. MAIDS, \$5.00 per 100.

JOHN WELSH JUNG, Germantown, Philadelphia, Pa. Floral Section, U. S. R. Mention The Review when you write.

Shaking Grates

For Greenhouse Boilers and Furnaces. Write us for catalogue and testimonials from the leading greenhouse men.

Kennett Foundry & Machine Works, Kennett Square, Pa. Mention The Review when you write.

CYCLAMEN, PERSICUM and GIANTUM

For Christmas Blooming. Fine large healthy plants. 3-inch, \$5.00 per 100. 4-inch, \$8.00 per 100. ASPARGUS PLUMOSUS NANUS, 3-in., \$5.00 per 100. Sprengeri, 2-in., \$2.00; 3-in., \$5.00 per 100. 4-in., \$10.00 per 100.

CINERARIAS, 1-in., \$2.00 per 100. SAMUEL WHITTON, 16-17 Gray Ave. UTICA, N. Y. Mention The Review when you write.

Always Mention the... **Florists' Review** When Writing Advertisers.

SAN FRANCISCO.

Business is very dull and to make things worse the great labor strike still exists and the port is practically tied up. Money is a scarce article during the present troubles between capital and labor, as all kinds of business is affected.

The Pacific Coast Horticultural Society held its third meeting on Aug. 5 at Mission Opera House, Mission street, San Francisco. This society was organized at San Francisco on July 1 with sixteen charter members. At the second meeting thirty-four members were present, and at the third meeting held on the 5th the membership list had run up to eighty and the charter was voted as closed. The Chinese, Japanese and "the ladies" will not be admitted to membership. We can well dispense with the Chinese and Japs and would be better pleased if they were in another planet, but it seems a little hard on the ladies to bar them from the society. Perhaps the members who voted against the ladies were afraid their mothers-in-law would get a chance to sit alongside them at the meetings and put a bridle on their tongues, or perhaps the tobacco smoke and "hot air" would be more than they could stand. However, there are times when the boys like to be alone, so I guess the meetings of our society will be part of those times. The majority has it.

Some time in September a dahlia show will be held, by the members only, and \$7.50 will be offered as prize money. Seven exhibitors are expected.

At the meeting J. Thomson, gardener for Mr. Lloyd Tevis, made an exhibit of cactus dahlias, named. The blooms were splendid and much admired by all present.

Mr. Wm. Eldrege, gardener for W. H. Crocker, made a display of pansies that were simply magnificent, the finest I ever saw in colors and they were much admired by the members.

A chrysanthemum show is proposed for October but whether it will be a public show or for members only is yet to be determined.

The following gentlemen were elected to act as officers for three months beginning from July 1: President, H. Platts; vice-president, Wm. Eldrege; recording secretary, H. H. Lilienthal; financial secretary, Chas. F. Fick; treasurer, P. Cauhape; librarian, Fred Cleis; ushers, Chas. Winkel and G. Gagne.

All gardeners, florists, growers and seedsmen on the Pacific coast ought to become members of this new society because it will be a benefit to one and all. The seedsmen and florists will know its benefit by being known among private gardeners, etc., and the working gardener and grower will know its benefit by coming in touch with employers of gardeners and growers. Flower shows will be held in season and every man will have a chance to show what he can do as a grower, and liberal cash prizes will be offered at all shows for well-grown plants and blooms of high merit.

San Francisco has been long in want of just such an organization. In fact it was the only large city in the United States that was without one. So get together, boys, and make our society what it no doubt will be, one of the best in America. J. N.

PECATONICA, ILL.—Winchester & Son are building a propagating house 38x10.

FIELD-GROWN PLANTS OF

Queen Louise

\$12.00 per 100. CARNATION \$100.00 per 1000.

Over 120,000 flowers of this variety have been sold the past season and only one complaint received from our customers detrimental to their keeping qualities, and in June when this was received White Cloud and Flora Hill were not fit to ship.

This is the best Commercial White Carnation on the market. A continuous bloomer. Perfectly healthy and blooming freely at the present time. **Send for circular.**

MARQUIS, \$8.00 per 100.

ETHEL CROCKER, \$7.00 per 100.

PORTIA, FLORA HILL, DAYBREAK, ELDORADO, TRIUMPH, WM. SCOTT, JUBILEE, \$6.00 per 100; \$50.00 per 1000.

ALL FINE PLANTS AND READY FOR IMMEDIATE DELIVERY.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Mention The Review when you write.

...A... BARGAIN

in young

PALMS

for growing on. 3-inch pots.

	100	1000
Areca Lutescens	\$ 6.00	\$5.00
Corypha Australis	6.00	55.00
Lantana Borbonica	5.00	45.00
Phoenix Reclinata	6.00	55.00
Phoenix Canariensis	5.00	45.00
Phoenix Laomensis	5.00	45.00
Kentia Belmoreana	15.00	140.00
Kentia Forsteriana	15.00	140.00

Out of 2-inch Pots.

	100	1000
Seaforthia Elegans	\$ 4.00	\$25.00
Livistona Rotundifolia	6.00	55.00
Caryota Umb	6.00	55.00
Areca Napida	6.00	75.00

All of the above stock is absolutely clean and extra good value for the money. Will send a sample lot, one of each variety, on receipt of \$1.00.

J. B. HEISS,

The Exotic Nurseries, DAYTON, OHIO.

CROP 1901.

CHOICEST STRAINS.

Pansy, Superb Show Mixture, trade pkt. 25c; ½ oz. 75c; oz. \$3.00.
Pansy, 25 Finest Giant Varieties, trade pkt. 25c; ½ oz. 40c; oz. \$2.50.
Cineraria, Giant Prize Strain, Mixed, trade pkt. 75c.
Cineraria Polyantha (Cruenta Hybrids) trade pkt. \$1.00.
Calcitrola Giant Prize, Superb Mixed, trade pkt. 50c; half pkt. 25c.

W. C. BECKERT, Allegheny, Pa.
 Mention The Review when you write.

PANSY SEED

GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package, **25c; ¼ oz., \$1.00; 1 oz. \$4.00**, free by mail.

Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you. Seedsmen's orders not accepted. (CASH.)

A. Mitting, Loomis, Cal.

Mention The Review when you write.

California Grown Bulbs....

Calla Lilies, monster bulbs	100	1000
" " 6-in. circumference	4.00	\$35.00
" " 5-in. "	3.50	30.00
" " 4-in. "	3.00	25.00
" " 2½ to 3-in. "	2.00	15.00
Narcissus, Paper White	1.00	7.50
" " Incomparable .....	.75	5.00

Send for price list of Japan Lily Bulbs: also Young Palms, California Grown Camellias and Araucarias.

F. LUDEMANN,

Pacific Nursery, SAN FRANCISCO, CAL.

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CHOICE PANSIES

An extra fine strain of large blooming Pansies, young plants, ready about September 15th. 50c per 100 by mail; \$1.00 per 1000 by express.

Charles S. Dutton, Wholesale Grower of HARDY HERBACEOUS PERENNIALS,

85 W. 12th St., HOLLAND, MICH.

Cash with order please.

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BOSTON.

Much the same old story. Roses, gladioli, dark colored asters and a few outdoor blooms, like hydrangea, rudbeckia etc., are quite plentiful. Good pinks, sweet peas, light colored asters, lilies, customers and money quite inclined to be scarce. Surely no awakening of business yet but many are dropping home from vacations either with hopes of such conditions soon or else because funds run low! Which is it?

Mann Brothers, of Randolph, are making something of a specialty of a new variety of the Liliun auratum. Its chief characteristics are extra size and strength of plant and blossom, with yellow flecks in place of the brown ones in older varieties. They call it the Liliun auratum virginialis and claim to be sole owners of anything of the kind in America. J. S. MANTER.

TARRYTOWN, N. Y.

A meeting of the Tarrytown Horticultural Society was held July 25, President J. W. Smith presiding. A communication was read from the department of agriculture through Mr. Ligg in regard to the digging wasp "Megastis speciosus" which has been more numerous this year than usual giving many much trouble and annoyance. Discussions followed as to the best methods of exterminating the same.

Mr. Robert Donald, of Youkers, was elected to membership and Mr. George Middleton, of Tarrytown, was proposed. Mr. McFarlane read an essay on "Small Fruits" and a discussion followed, many taking part. A vote of thanks was extended to Mr. McFarlane for his able paper. Schedules for the November show were then distributed.

H. J. RAYNOR, Cor. Sec.

FOR 1903.

Editor FLORISTS' REVIEW: I wish to extend to the Society of American Florists an invitation to meet in Dawson City, Alaska, in 1903. We have a board of trade and some mountains that make those in North Carolina look like mud pies. Come one, come all.

PETER REACHER, President, Vice-President, Secretary, Treasurer and Executive Committee of the Dawson City Florists' Club.

The universal report from advertisers that the REVIEW gives much the best results for the money expended. One man says: "For every 30 cents I have expended in your classified ads, I have received \$10.00 back. It is far and away the most profitable advertising I have ever had."

PLAINFIELD, MICH.—F. L. Wright has removed to Webberville, Mich., and his address is R. F. D., No. 2.

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

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Greenhouses at Hinsdale, Ill.

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Wholesale Florist

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Write for special quotations on large orders.

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32, 34, 36 Randolph St. CHICAGO, ILL.

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BENTHEY & CO.

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Wholesale Growers of Cut Flowers.

All telegraph and telephone orders given prompt attention.

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Roses and Carnations WHOLESALE CUT FLOWERS
A Specialty..... GROWER of

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600,000 FEET OF GLASS.

Headquarters for American Beauty.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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416 Walnut St., Wholesale Florists.
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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF... CUT FLOWERS.
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.

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WHOLESALE FLORIST,

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FRANK M. ELLIS,

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1316 Pine Street, - - ST. LOUIS, MO.
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Shipping orders receive prompt and careful attention.

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SPECIAL.

McKellar & Winterson's Annual Clearing Sale.

To reduce our stock of Florists' Supplies we offer the following goods at these greatly reduced prices during the months of July and August only: Prices quoted are subject to goods being unsold on receipt of order. Get your order in quick to insure filling at these prices, which is a rare opportunity to stock up on seasonable goods.

RIBBONS—Best Florists' Satin Ribbons, any colors.

Size.....	No. 9	No. 12	No. 16	No. 22	No. 30	No. 40	No. 60
Price per bolt, 10 yards.....	75c	90c	\$1.10	\$1.25	\$1.50	\$1.85	\$2.00

We have an immense stock of Ribbons and can fill orders on short notice.

400 bales spharum Moss, burkap, per bale \$1.00; 6 bales, \$5.00; 10 bales, \$7.50
 1000 pkgs. French Green Moss, per pkg., 5c; 10 pkgs., 75c; 25 pkgs., \$1.50; gr. \$1
 2000 lbs. Tin Foli, per lb., 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$2.00; 100 lbs., \$8
 250 1st quality Doves..... each, \$1.00; 6 for \$5.00; per doz., \$6.00
 1300 rolls Cheville, all sizes and colors.

Small.....	per roll, 20c;	6 rolls, \$1.00;	12 rolls, \$1.75
Medium.....	25c;	12c;	2.00
Large.....	30c;	1.50;	2.30

2000 Cycas Leaves, Perpetuated, finest quality, all sizes.

24 to 26-inch leaves, assorted.....	per doz., \$2.00
30 to 48.....	3.00

100 Cycas Wreaths, excellent quality, 20-in., each, \$1.50; 24-in., \$2.00; 30-in., \$2.50; 36-in., \$3.00; 40-in., \$4.00.

2000 Artificial Palm Plants, select stock. Small plants, 3 leaves, per doz., \$3.00. Medium plants, 5 leaves, per doz., \$4.00. Large plants, 8 leaves, per doz., \$5.00. Tree Palms, 5 to 12 ft. high, \$3.00 to \$5.00 ea.

1000 Reams Tissue Paper, Manila, per ream, 400 sheets, 50c; 10 reams, \$ 4.25

500 " White.....	"	"	\$1.00;	"	3.00
200 " Wax Manila Paper.....	"	"	1.40;	"	15.00
200 " White.....	"	"	1.90;	"	18.00

2000 Rolls Crepe Paper, fine quality, all colors, per doz. rolls, \$1.00; 100, 7.00
 400 lbs. Cape Flowers, white, 1st quality..... per 25, \$1.00; 5 lbs., 1.50
 200 " " colored, all colors, 1st quality..... " 1.50; " 1.00
 1500 Pampas Plumes, white..... per doz., 35c; 100, 2.50
 100 " " colored, all colors..... " 40c; 100, 4.00
 15,000 Pot Labels, best quality.

PLAIN		PAINTED	
4-in. per 100.....	\$0.49	4-in. per 100.....	\$0.55
5-in. ".....	50	5-in. ".....	65
6-in. ".....	70	6-in. ".....	90
8-in. ".....	90	8-in. ".....	1.30

In addition to above stock we have an immense stock of Jardiniere, Pedestals, Plant Stands, Fern Dishes, Wheat Sheaves, Plant Tubs, Cut Flower Vases, Flower Boxes, Baskets, Pot Covers, Metal Designs, in fact all leading Florists' Supplies which we are selling out at correspondingly low prices. During the months of July and August we will allow the following special discounts off our catalogue prices: On Wire Work—on orders from \$10.00 to \$25.00, cash discount of 20 per cent; \$25.00 to \$50.00, 35 per cent; \$50.00 to \$100.00, 40 per cent. On Wheat Sheaves, \$10.00 to \$25.00, 20 per cent; \$25.00 to \$50.00, 25 per cent. We make up fresh sheaves on all orders where time permits.

McKellar & Winterson, 45, 47, 49 Wabash Ave., CHICAGO.

Maplewood Cut Flower and Plant Co. / GEO. M. KELLOGG, Pres.
 Growers of CUT FLOWERS at Wholesale.
 Regular shipping orders given special attention. We have the largest plant west of Chicago.
 Store: 906 Grand Ave., KANSAS CITY, MO.
 Greenhouses: Pleasant Hill, Mo.



FANCY AND DAGGER FERNS
 always on hand.
 \$1.00 per 1000. Discount on large orders. Also GREEN and BRONZE GALAX, A. No. 1 Stock.
 We never run out of stock.
 Place your orders with us we can fill them in any amount. Write for prices on Galax.
HENRY M. ROBINSON & CO.
 Tel. 2618 Main. 36 Court Sq., Boston, Mass.

THE E. G. HILL CO.
 Wholesale Florists,
 RICHMOND, INDIANA.

Roses. Sunset, strong, clean 3-inch stuff, \$5.00 per 100.
 Also Brides and Maids same size and price.
CHARLES E. MEEHAN, Slocum and Musgrave Sts. Germantown, PHILADELPHIA, PA.
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Roses!

BEAUTIES, 3-inch, extra fine stock, \$6.00 per 100.
MAIDS, BRIDES, GATES, METEORS, 3-inch, \$35.00 per 1000; 2 1/2-inch, \$18.00 per 1000; 250 sold at 1000 rates.
PEBBLES, 2 1/2-inch, \$2.00 per 100.

Have 25,000 good healthy plants, free from any disease, in fine foliage, that want to be benched. Its a pity to sell them for that reason, but they have to go to make room and save rebanding. Orders sent promptly and satisfaction guaranteed.

MARQUISE LITTA, 500 3-inch, \$5.00 per 100; 300 2 1/2-inch, \$1.00 per 100.

POEHLMANN BROS. CO.,
 MORTON GROVE, COOK CO., ILL.

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PRIMROSES...

Improved Chinese. Ready for 3-in. pots. Finest grown, large flowering, fringed. Single varieties, \$2 per 100; doubles, \$3 per 100.

FINEST GIANT PANSY SEED. Selected. Mixed colors, 4,000 seeds, \$1.00; 1/2 pkt., 50c.

CHINESE PRIMROSE SEED. Finest grown; single and double. **CASE.** Mixed, 500 seeds, \$1.00; 1/2 pkt., 50c.

A pkt. of the new everblooming Forget-me-not "Constance" added to every seed order.

THE HOME OF PRIMROSES. JOHN F. RUPP, Shiremanstown, Pa.
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NOTICE!

To all my customers: I have sold ALL my Sweet Pea Seed

Zvolanek's Christmas for this year.

ANT. C. ZVOLANEK, - - Grand View, N. J.
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GERANIUMS AND VIOLETS.

Mars, 2 1/2-inch, big stock, \$3.00 per 100.
 Best Bedding Geraniums, 2 1/2-in., \$2.00 per 100.
 \$17.50 per 1000. Best Bedding Geraniums, Rooted Cuttings, \$1.50 per 100, \$12.50 per 1000.
 VIOLETS, strong field grown, \$4.00 per 100.
 48 Terms cash or C. O. D.

GERANIUMS & UNDERHILL, WATERTOWN, N. Y.
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ALYSSUM.

Double Sweet Alyssum, 3-in., \$4.00 per 100. Our stock has been frequently nipped and will give immediate returns. N. Smith & Son, Airlan, Mich.

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Foot-grown Ampelopsis Veitchii, any size and quantity. F. S. Steele, New Rochelle, N. Y.
Ampelopsis Veitchii, strong 2-in., \$2.00 per 100. Gift Floral Co., Richmond, Ind.

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ARAUCARIA EXCELSA. The best value we have ever offered in this plant.

Pots.	High.	Tiers.	Each.
4-inch	6 to 8 in.	2 to 3	\$5.00
5-inch	10 in.	3	7.50
6-inch	12 to 14 in.	3	10.00
7-inch	20 in.	4 to 5	15.00
7-inch	24 in.	4 to 5	20.00

ARAUCARIA EXCELSA. GLAUCA.
Pots. High. Tiers. Each.
5-inch 13 in. 2 7.50
6-inch 15 in. 2 10.00

ARAUCARIA ROBUSTA COMPACTA.
Pots. High. Tiers. Each.
5-inch 12 in. 3 1.25
6-inch 12 in. 3 1.25

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Araucaria excelsa, 2,000 now on hand; 5-in. pots, 2 to 4 tiers, 8 to 12 in. high, \$6.00, up to 70c. Godfrey Aschmann, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. A bargain. 400 4-year-old roots, \$12.50 per 100, or the lot for \$40.00; sold for value of height to grow. Sold 500 strings from 8 to 10 ft. long this year. Will cut more and longer next. Cash with order. H. P. Owen, Tougenkenam, Pa.

Asparagus plumosus nanus. Immediate delivery. 2 1/2-in. pots, strong, \$4.00 per 100; \$35.00 per 1000.

Asparagus Sprengeri, 2 1/2-in. pots, strong, \$3.00 per 100; \$30.00 per 1000. Jackson & Perkins Co., Newark, New York.

Asparagus plumosus nanus, strong, 2 1/2-in., \$2.75 per 100; \$25.00 per 1000. Asparagus Sprengeri, strong, 2 1/2-in., \$1.75 per 100; \$15.00 per 1000. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus, strong, transplanted seedlings, \$3.00 per 100; \$25.00 per 1000. Ciesh & Boddingham Co., 342 West 14th St., New York City.

Asparagus plumosus nanus, 3-in., \$5.00 per 100; Sprengeri, 2-in., \$2.00, 3-in., \$5.00 per 100; 4-in., \$1.00 per doz. S. Whilston, 15-17 Gray Ave., Utica, N. Y.

Asparagus cormosus, 2-in., \$10.00; plumosus, 2-in., \$6.00; Sprengeri, 3-in., \$5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Asparagus Sprengeri, 2-in., \$2.00 per 100. A. Clark & Robb, 233 W. 18th St., Erie, Pa.

ASPARAGUS PLUMOSUS NANUS.
Cutty curls 2 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri and plumosus, 2-in., \$5.00 3-in., \$8.00 per 100. Walter Retzer & Co., 245 Cleveland Ave., Chicago, Ill.

Sprengeri—we sell thousands annually. No trash for sale. Fine 2-in., \$2.00 per 100. Cash. Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, strong 2-inch, \$2.00 per 100, \$25.00 per 1,000. The Storrs & Harrison Co., Painesville, O.

Asparagus, 2-in. pots, per 100; Sprengeri, \$2.00; plumosus, \$2.50, Cash. Jos. H. Cunningham, Delaware, Ohio.
Asparagus decumbens, fine string, 3 to 4 feet, \$2.50 per doz. Leopold Korop, 232 W. Ravenswood Park, Chicago.

Asparagus Sprengeri, 2-in., \$2.00 per 100. Plumosus, \$2.50 per 100. Cash with order. L. Ulrich, Tiffin, Ohio.

Sprengeri, 3-in., and plumosus nanus, 2 1/2-in., fine, \$5.00 per 100. W. G. Kraber, New Bedford, Mass.

Asparagus plumosus, strong plants, \$3.00 per 100, \$25.00 per 1000. W. D. Chase & Son, New London, Ohio.

A fine lot of 3-in. Sprengeri at \$5.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Plumosus nanus, fine plants from 2-in. pots, \$2.00 per doz.; 3-in., \$3.00 per doz. Wm. Keir, Pittsford, N. Y.

Fire Sprengeri and plumosus in 2 and 2-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus, 3-in., strong, 6c; 2 1/2-in., 3c. H. Steinhilber, Raleigh, N. C.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hillis, Elkhart, Ind.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.
Asparagus Sprengeri, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASPIDISTRA.

Aspidistra. Average over 10 leaves to the 6-in. pot, 30c per plant. Mayer & Sons, Willow Street, Lancaster County, Pa.

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Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old 6-in. ground plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 3 1/2-in. pots, \$12.00 per 100.

Samuel C. Moon, Morrisville, Bucks Co., Pa.
Azaleas, all sizes and varieties. Ask for special price list.
BOBBINK & ATKINS, RUTHERFORD, N. J.

BAY TREES.

Bay Trees. Grand pyramids; dense dark foliage; exhibition plants; the finest in the trade:

With tubs	Height, at base.	Diameter	Feet.	Per pair.
..... 14	..... 12	..... 6	..... 40.00	
..... 12	..... 10	..... 4	..... 30.00	
..... 10	..... 8	..... 3	..... 20.00	
..... 8	..... 6	..... 2 1/2	..... 10.00	

Splendid standards. Height of stem 2 1/2 and 4 feet.

Diam. of head, 4 ft., per pair, \$25.00.
Diam. of head, 3 1/2 ft., per pair, \$20.00.
Diam. of head, 3 ft., per pair, \$15.00.

Diam. of head, 2 1/2 ft., per pair, \$8.00.
Cash or good references with order required. Write for catalogue of other sizes.

De Smet Freres, The Nurseries, Ghent, Belgium.

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Begonias Thurstoni and A. Guttata, 2 1/2-in., 40c per doz.; 2-in., 60c per doz.; 1 1/2-in. Carnot, 60c per doz.; Festall and Starr, large plants, 60c per doz. Cash. A. J. Baldwin, Newark, Ohio.

Elegant 3-in. stock of Begonia Rex. Fifteen varieties, ready to shift, at \$10.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Begonia Rex, in good assortment, from 2 to 4 in. pots, \$2.00 per 100. Cash with order. J. E. Jackson, Gainesville, Ga.

Begonias, 2 1/2-in., 10 varieties, ready for 4-in., \$2.00 per 100. E. G. Bunyar, Independence, Mo.

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Begonias, 3 varieties, 2 1/2-in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

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Solanum Capsicastrum, 2-in. pots, \$2.50 per 100. McKellar Greenhouses, Chillicothe, Ohio.

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Bougainvillea elabra Sanderiana in 4-in. pots, good stock, \$2.00 per 100. Cash with order. Robert L. Dunn, St. Catharines, Ontario.

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Calla bulbs, sound, full size, per 100 prepaid: 3 to 4 inches in circ., \$5.00; 2 1/2 to 3 inches in circ., \$2.00; 2 to 2 1/2 inches in circ., \$1.00.

Cyclamen giganteum, fine dormant bulbs, \$4.50 per 100 prepaid. Cash with order. Satisfaction guaranteed. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

Lilium longiflorum. Cold storage bulbs, 5 to 7-in., will produce 2 to 6 flowers; \$5.00 per 100; \$40.00 per 1000. Only take chances on diseased Bermudas when you can have a sure thing? Edw. Alex. Wallace, Victoria, E. C.

Calla lilies, monster bulbs, \$7.00 per 100; 5-in. circ., \$14.00 per 100; \$35.00 per 1000; 3-in. circ., \$3.50 per 100, \$30.00 per 1000; 4-in. circ., \$3.00 per 100, \$25.00 per 1000; 2 1/2 to 3-in. circ., \$2.00 per 100, \$15.00 per 1000.

Narcissus, Paper White, \$1.00 per 100, \$7.50 per 1000. N. Incomparable, 75c per 100, \$5.00 per 1000. Send for price list of Japan Lily bulbs; also young palms, California-grown camellias and araucarias. F. Ludemann, San Francisco, Cal.

Lilium Harrisii, sound, clean stock.
5x7 12 100.00
7x9 10 4.25
7x9 15 10.00
\$211 3.00 20.00

Freesia, extra refracta alba.
3/4 to 1 1/2 in., list size \$0.40 \$2.00
3/4 to 1 1/2 in., "Monster"60 5.00
H. H. BERGER & CO., 47 Barclay St., New York.

American-grown NARCISSEUS and DAFFODILS, suitable for forcing or outdoor planting. The culture of the Narcissus and the Daffodil is our specialty and we grow them to perfection. Samples mailed on application; we want all florists in the U. S. to try them this season. American Bulb Co., Etrick, Chesterfield Co., Va.

Lilium Harrisii. Just arrived in fine condition, ready for delivery. Prices on all bulbs, tubers, plants and roots, cheerfully given by sending your list of wants to F. W. O. Schmitz, Jersey City, N. J.

Our wholesale price list of high-class bulbs for florists has been made to the trade. If you have not received a copy send for one now. J. M. Thorburn & C., 35 Cortlandt St., New York.

Fresh Importation Lilium Harrisii; fine stock, 5 to 7, 1000 \$10.00; 4 to 6, per case of 400, \$15.00; per 1,000, \$36.00; for 3 (scarcers), per 1000, \$10.00; per 1,000, \$90.00. C. H. Joosten, 85 Dey St., New York.

Bulbs. Ready now. Callas, all sizes, Freesias and Bermuda-grown Harrisii. Special price list of all bulbs sent on request. W. W. Barnard & Co., 161 Kinzie St., Chicago.

CALLAS AND BELLADONNA. ADDRESS CALIFORNIA NURSERY CO., NILES, CALIFORNIA.

Lilium Harrisii, free from disease, 5 to 7 inches, at \$5.25 per 100; \$50.00 per 1000. 40c bulbs per case. H. F. Michell, 1018 Market St., Philadelphia.

Excelsior Tuberosa and Caladium Esculentum bulbs for December and January delivery. Write to Jno. F. Croom & Bro., Growers, Magnolia, N. Y.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Freesia bulbs, prepaid, 3 1/2-in. and up, \$3.00 per 1000; 4 to 5-in., \$1.25 per 1000. Cottage Nursery, 919 Fifth St., San Diego, Cal.

Money in callas; 300 home-grown bulbs, 4 1/2 to 5 inches, \$3.00 per 100. Sunnyside Greenhouses, Owosso, Mich.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it.

Hulsebosch Bros., Englewood, N. J.
Bulbs, all kinds. Ask for special bulb list.
BOBBINK & ATKINS, RUTHERFORD, N. J.

CACTI.

A great variety of cacti at low rates. Cuttings and offsets from blooming plants, all named, \$2.25 per 100. Cash. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

40,000 cannas, in 15 of the best varieties, at \$12.50 per 1000 for fall delivery. H. Steinmetz, Raleigh, N. C.

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FIELD-GROWN PLANTS.
We offer fine, strong, field-grown carnation plants as follows:

Flora Hill	..... \$5.00 per 100; \$40.00 per 1000
White Cloud	..... 6.00 per 100; 40.00 per 1000
America	..... 6.00 per 100; 40.00 per 1000
Grand Rapids	..... 6.00 per 100; 40.00 per 1000
Triumph	..... 6.00 per 100; 40.00 per 1000
Sport	..... 7.00 per 100; 60.00 per 1000
Marquise	..... 7.00 per 100; 60.00 per 1000
Send in your order early.	

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO.

400,000 field grown carnation plants. Per 100. Per 1,000.

G. H. Crane.....	\$5.00	\$45.00
Flora Hill.....	4.00	35.00
White Cloud.....	4.00	35.00
Mary Wood.....	4.00	35.00
Frances Joost.....	4.00	35.00
The Marquis.....	4.00	35.00
Ethel Crocker.....	4.00	35.00
Triumph.....	4.00	35.00
Tidal Wave.....	2.00	25.00
John Young.....	2.00	25.00
Armasindy.....	2.00	25.00

These plants are strong, clean, healthy stock. Shipped in light ventilated crates, carefully packed. Orders booked now for September delivery.

GEO. REINBERG,
51 Wabash Av., Chicago, Ill.

FIELD-GROWN CARNATIONS.
40,000 field-grown carnation plants ready to ship:

Flora Hill.....	Frances Joost.
White Cloud.....	Maceo.
Ethel Crocker.....	Romeo.
Eldorado.....	Mary Wood.
Victor.....	Daybreak.
John Young.....	Armasindy.
The above at \$6.00 per 100; \$55.00 per 1000.	
Marquis.....	G. H. Crane.
Genevieve Lord.....	Mrs. Bradt.
	\$7.00 per 100.
Mrs. Thos. W. Lawson, \$8.00 per 100.	
Ethel.....	\$10.00 per 100.
Cash with order.	
	S. J. REUTER, Westery, R. I.

FIELD-GROWN CARNATIONS.
We offer excellent, strong, bushy carnation plants of the following varieties:

Triumph.....	Lawson.
White Cloud.....	Gold Nugget.
Morning Glory.....	Frances Joost.
Lizzie McGowan.....	Ethel Crocker.
White Cloud.....	Anna C. Eastburn.
Glacier.....	Peru.
Mary Wood.....	Elm City.
John Young.....	Armasindy.
Wm. Scott.....	Maceo.
Bradt.....	

A. WASHBURN & SONS, Bloomington, Ill.

FIELD-GROWN CARNATIONS.
All fine plants and ready for immediate delivery.

Florida.....	Jubilee.
Flora Hill.....	Eldorado.
Daybreak.....	Triumph.
	Wm. Scott.

QUEEN LOUISE, \$12.00 per 100; \$100.00 per 1000.

Marquis, \$5.00 per 100.
Ethel Crocker, \$7.00 per 100.
J. L. DILLON, Bloomsburg, Pa.

15,000 field-grown plants of

Scott, Gomez,	Melba,	Aregyle,
Triumph,	Mary Baker,	

Carved size, \$3.00 per 100; half size, \$5.00 per 100. Check with order. Half remittance if C. O. D.

Chas. Rayner, Roseview Greenhouses, Anchorage, Ky.

Field-grown, clean, bushy plants, ready for benching, \$5.50 per 100:

Glacier.....	Mrs. F. Joost.
Mary Wood.....	Cerise Queen.
John Young.....	Jubilee.
Evelina.....	Bon Ton.
Lizzie McGowan.....	Mayor Pingree.
Armasindy.....	Gen. Gomez.
Triumph.....	

H. W. BUCKBECK, Rockford, Ill.

FIELD-GROWN CARNATIONS.

4,000 Scott.....	1,000 Marquis.
2,000 Daybreak.....	1,000 Ethel Crocker.
2,000 Fisher.....	2,000 Trade.
2,000 Poster.....	2,000 Goodenough.
1,000 Crane.....	200 Eastern Star.
1,000 Maceo.....	100 Roseleaf.
1,000 Eldorado.....	100 Prosperity.

For prices write
WM. SIM, Cliftondale, Mass.

FIELD-GROWN CARNATIONS.
10,000 extra fine plants of White Cloud, F. Hill, Peru, Daybreak, Ethel Crocker, Joest, Reslyn and Gomez at \$6.00 per 100. Marquis and Mrs. Bradt at \$5.00 per 100. 2500 E. Thos. W. Lawson, Al plants, at \$5.00 per 100. Cash with order, please.

GEO. E. BUXTON, Nashua, N. H.

Fine field-grown carnation plants. We have a surplus of a few hundred each of Meba and McGowan at \$6.00 per 100; Lord, Crocker, Gomez and Joest at \$7.00 per 100. Cash with satisfaction guaranteed. C. H. Green, Fremont, Neb.

Field-grown carnations. Cloud, Hill, Joest, Glacier, Victor, America, Evanston, \$5.00 per 100. Crocker, Tidal Wave, other leading, Elm City, \$5.00 per 100. Estelle, \$10.00 per 100. Dana R. Herron, Olean, N. Y.

2000 field-grown carnations. Morning Glory, Fletch. Hill, Scott, Tidal Wave, other leading sorts. Address for prices Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

20,000 field-grown carnations. We escaped the drought, consequently our stock is in good shape for benching. We have all the leading varieties at low prices quoted on application. W. E. Hall, Clyde, Ohio.

Field-grown carnation plants. 100 Peru, 250 Lord, 500 Crocker, 200 Armasindy, 6000 Crane, 500 Triumph, 500 Daybreak, and 1000 F. Hill, \$3.00 per 100. Cash with order. W. Sabransky, Kenton, Ohio.

Mrs. Joest, Webb, Bon Ton and Empress carnation plants. Fine stock, ready Aug. 20. \$3.00 per 100; \$30.00 per 1,000. Albert H. Brown, Westboro, Mass.

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Carnations. Leading varieties, strong field-grown carnations, \$5.00 per 100. Christ. Hansen, Wholesale Florist, St. Paul, Minn.

5,000 field-grown Carnation plants for sale now; special low prices on large orders. Mercer Floral Co., Trenton, N. J.

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Carnations. Place your order now for field plants for fall delivery. Geo. Hancock & Son, Grand Haven, Mich.

Carnations. Rooted cuttings and fall plants in their season. William Swayne, Kennett Square, Pa.

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CINERARIAS.

Cinerarias. 2-in., \$2.00 per 100. S. Whittton, 15-17 Gray Ave., Utica, N. Y.

If you read these ads, others would read yours.

CHRYSANTHEMUMS.

Curtis, Yellow Queen, Bonafont, Reiman, Lincoln, Whildin, Laser, Fitcher, G. Wedding, Balesley, Dawley, Mad. Dea, Pres, Smith, Gordiana, Pink Ivy, V-Morel, Clark, Harriot, Queen, Niveus, Mayflower, Woodford, Jones, Ivory, Ganteler, Bergman, Mutual, Friend, Vanamaker, Humphreys, Invinclible, Yanoma, Matabele, Childs, Sunrise, Tuxedo, 2 in., \$2.00 per 100; \$15.00 per 1000. Cash. A. A. Whitcomb, Altounga, Pa.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2 1/2 feet high and is perfectly self-supporting, beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; \$3.50 per doz.; \$25.00 per 100. James Niven, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums. strong, rank-growing plants from 2-in. pots of the following varieties: White-Western King, Kate Brown, Queen Niveus, Pink-V. E. Smith, Mrs. Murdoch, Mrs. Perrin, Highbonham, Yellow -Major Bonafont, Modesto, Gioriana, at \$1.50 per 100; \$15.00 per 1000. Must have room. Mrs. J. W. Crouch, Chattanooga, Tenn.

Chrysanthemums, new and old varieties. A large stock of young, thrifty plants during the season. Our selection, all good varieties, \$2.50 per 100. H. Weber & Sons, Oakland, Md.

Chrysanthemums, \$20.00 per 1000. Pöehlmann Bros. Co., Morton Grove, Ill.

For sale, 4 and 5-in. chrysanthemums, cheap. A. Claus, Springfield, Ill.

COLEUS.

Coleus, a choice collection of 15 varieties, strong, 2 1/2-in., \$1.00 per 100; \$5.00 per 1000. Buckley Plant Co., Springfield, Ill.

Coleus. 1-in., \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas Revoluta stems. To close out, 2 to 12 lbs., per 100 lbs., \$5.00; per 1,000 lbs., \$40.00. Cash. H. A. Snyder, 1001 1/2 Broadway, New York.

Cycas revoluta, long-leaved sort, \$3.00 per 100 lbs. In from 1 to 15 lbs. H. H. Berger & Co., 47 Barclay St., New York.

Cycas. Ask for special price list. BOBBINK & ATKINS, RUTHERFORD, N. J.

CYCLAMEN.

Cyclamen grand spl. Special fine strong plants in 2-in. pots in different colors, \$1.00 per 100. Will give good satisfaction for Christmas. J. H. Fieser, West Hoboken, N. J.

Cyclamen, Pericum and giganthem for Christmas. Fine large plants, 3-in. \$5.00; 4-in., \$8.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen. About 250 nice plants, 3-in. pots, \$7.00 per 100. Cash. L. C. Holton, Bennington, Vt.

For sale, 50 2 1/2-in. cyclamen, \$1.50. A. Claus, Springfield, Ill.

CYPERUS.

Cyperus alternifolius, 6-in., wood, \$2.00 doz. John H. Ley, Good Hope, Washington, D. C.

DRACÆNAS.

Dracæna Brunnii, as hardy and as useful as a Rubber plant.

Pot.....	High.....	Each, Dozen.
6-inch.....	15 in.....	\$0.25 \$4.00
6-inch.....	20 to 24 in.....	.60 5.00

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Dracæna Lindenii or Massangiana, 3-in. pots, \$3.00 dozen; 6-in., \$5.00; 6-in., \$9.00. All fine plants, well colored. John H. Ley, Good Hope, Washington, D. C.

Dracæna indivisa, 2 1/2-in. pot (bound and ready for shipment), 15 to 20 inches high, 25c each; \$2.50 per doz. Cash. L. C. Holton, Bennington, Vt.

FERNS.

A few ferns left; will sell cheap to make room. No exorbitant prices. 3c; 3-in., 4c. N. cordata compacta, 2 and 2 1/2-in., 4c, 4-in., 10c. Pteris serrulata, very fine, 25c. Cash.

Will exchange some of the above for a few E. Crocker, Lawson and Estelle carnations and for a few good, short-growing, choice varieties of chrysanthemums. Please name varieties you have when writing. N. O. Caswell, Delavan, Ill.

100 choice ferns, from flats, mailed for \$1.25 per 100 by express. Ten best sorts—davallia, adiantum, pteris, lomaria, nephridium, lygodium, etc., etc. Fill a jar at once. Write and make fine plants by autumn. John H. Ley, Good Hope, Washington, D. C.

100 fine full ferns, 4-in. pots, \$5.00; Lomaria gibba, Selaginella Martensii, ancyhium, Polka-dot fern, and make fine plants by autumn. John H. Ley, Good Hope, Washington, D. C.

50,000 Boston ferns. Small plants, \$5.00 per 100; \$40.00 per 1000. Large plants, \$6.00 to \$20.00 per 100 taken from bench. Extra fine stock. Rubbers, 18-in. high, \$4.00 per doz.; 24-in. high, 6-in. pots, \$5.00 per doz. Wm. A. Beck, North Cambridge, Mass.

Clearance sale. Nephrolepis Bostonensis, 5-inch, per 1000 for \$100; \$2.00 per doz.; 6-inch, \$3.00 per doz.; Nephrolepis compacta, 2 1/2-in., \$3.00 per 100; 3-inch, extra, \$5.00 per 100; 6-inch, \$2.00 per doz. Seawanhaka Greenhouses, Oyster Bay, N. Y.

FERNS. Over 500,000 of all the leading varieties now ready for distribution; fine young stock. Our selection, \$2.50 per 100; \$30.00 per 1000.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Boston ferns. Grand specimens; 10-in. pans, full 6 ft. over; a mass of 5 and 6-foot fronds, \$3.00 each; pair for \$5.00. Fit for any exhibition. Our stock at \$1.00 to \$25.00 each. John H. Ley, Good Hope, Washington, D. C.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty when other plants fail. Call for catalogue. H. A. Whitcomb, New York. Edw. Gillett, Southwick, Mass.

12 climbing ferns (lygodium), \$5.00; 6-in. pots, 15 to 20 ft. strings, for cutting and decorations. Very elegant; will make three growths in season. John H. Ley, Good Hope, Washington, D. C.

Boston ferns, from 2-in. pots, \$2.00 per 100; 3-in., \$3.00 per 100. Nice plants from bench ready for 5 and 6-in. pots, \$2.00 doz. Davis Bros., Morrilton, Ill.

Nephrolepis Phippsiana, fine as a pot plant in any size; 6-in. large and full, \$4.00 doz.; 8-in., \$6.00 doz. John H. Ley, Good Hope, Washington, D. C.

Dagger fern plants, grown in field, from 1 to 1 1/2 ft. high, \$6.00 per 100; \$50.00 per 1,000. Cash with order. L. A. Whitcomb, Deatur, Mich.

Boston ferns, all sizes. Ask for special trade list. BOBBINK & ATKINS, RUTHERFORD, N. J.

FERNS—Continued.

Adiantum Farleyense, 13-in. pots, not bound and ready for sale at \$3.00 per doz.; \$25.00 per 1000. Cash. Dean & Paine, Summit, N. J.

For list of varieties and prices see our display adv. in this issue. The Geo. Witthold Co., 457 Buckingham, Phila., Pa.

Boston ferns, large plants from bench, ready for 6-in. pots, \$2.00 per doz.; \$15.00 per 100. Cash. Honey Bros., West Grove, Pa.

Toston ferns, from 3-in. pots, mailed for \$2.00; \$20.00 per 100 by express. John H. Ley, 42 Hope, Washington, D. C.

Five 3-in. Adiantum capillus veneris fern dishes, \$3.00 per 100. Kalamazoo Nursery & Florist Co., Kalamazoo, Mich.

1500 Adiantum Cucumatum, 5-in. pots, \$12.00 per 100; \$100.00 per 1000. A No. 1 stock. De-Few Bros., Nyack, N. Y.

Adiantum cucumatum, strong 2-in., \$3.00 per doz.; \$25.00 per 1000. Cash. Clark & Robb, 229 W. 15th St., Erie, Pa.

50 fine Boston ferns in 3-in. pots, ready for 5-in., at \$8 each for the lot. Sunnyside Greenhouses, Overland, Mich.

Boston ferns, bench-grown, \$15.00 per 100. W. G. Kraber, New Bedford, Mass.

Boston ferns in all sizes. Write Geo. A. Kuhl, Pekin, Ill.

FRUIT PLANTS.

POT GERANIUM STRAWBERY PLANTS. For the best stock of these plants send to Wilfrid Weeber, Concord, Mass. Special attention given to all florists' orders. I have 15 varieties, but the MINUTE Ma leads them all. Price list free.

GERANIUMS.

For the spring of 1902 we shall offer, after 2 years' trial, the following new geraniums: J. D. Eissele-Color, purest white; single. A zonal of brilliant and new coloring, throwing intense green, perfectly sunproof. James Davidson-COLOR, true lilac; single. A zonal of a color not previously found among geraniums, traverses of immense size, on long rigid stems, sunproof and very floriferous. A striking novelty. We also have two new Mars type geraniums, Juniper, purest scarlet and Venus, pale salmon. H. Eichhorn, Waukegan, Ill.

Geraniums. Fine northern-grown stock of S. A. Nutt, Bruant, Mme. Julain, Mrs. E. G. H. and J. J. Harrison, \$1.25 per 100; \$11.00 per 1000. Mrs. Sailer, 101 1/2 St. Paul, N. J., \$1.00 per 100; \$10.00 per 1000. Delivered after Sept. 30. Order now. Satisfaction guaranteed. B. B. Blair, Charlevoix, Mich.

Geraniums from 2 1/2-in. pots. Iruanti, best semi-double, \$1.25 per 100; \$12.00 per 1000; Nutt, best dbl. crimson, and F. Perkins, fine dbl. pink, \$1.50 per 100; \$15.00 per 1000; Mrs. Sailer, \$1.00 per 100; Buckley Plant Co., Springfield, Ill.

Mars, 2 1/2-in., big stock, \$3.00 per 100. Best bedding geraniums, 2 1/2-in., \$3.00 per 100; \$17.50 per 1000. Rooted cuttings, \$1.50 per 100; \$12.50 per 1000. Cash. Greene & Underhill, Watertown, N. Y.

Geraniums, 2-in., 1 1/2-in., \$2.50 per 100. E. I. Rawlins, Quakertown, Pa.

For sale, 400 nice 2 1/2-in. geraniums, \$2.00 per 100. A. Claus, Springfield, Ill.

GLADIOLI.

Fine cut blooms of May, Augusta, Ceres, Menno and mixtures. Mrs. A. H. Austin, Charleston, Ohio.

HARDY PLANTS.

Baltimore Nurseries. Wholesale and Retail. We offer for fall 1901 and spring 1902 a full line of our shade and flowering trees, shrubs, Evergreens and Roses, Japan Pear Seedlings, Peach pits. Dealers' trade a specialty. All stock guaranteed and true. Send us a list of your wants. Franklin Davis Nursery Co., Baltimore, Md.

Hardy herbaceous plants, including lilies, orchids, water plants, hardy pinks, delphiniums, iris, lychnis, campanulas, dianthus, digitalis, Heuchera sanguinea, etc. Catalogue sent on request. Southey, N. Y.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morriville, Buckle Co., Pa.

Dicentra spectabilis, strong field grown plants, \$1.00 per doz.; \$6.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

A full line of fruit, ornamental and shade trees, hardy plants, climbers, etc. Send for our general catalogue. Edlwwager & Barry, Rochester, N. Y.

Everything in ornamental trees, shrubs, vines, etc. Send for catalogue and special prices. W. & T. Smith Co., Geneva, N. Y.

Hardy plants, bulbs and roots for fall planting. Send for our fall list. Vick & Hill Co., Rochester, N. Y.

Trees and ornamental shrubs. Evergreens a specialty. R. Douglas' Sons, Waukegan, Ill.

For hardy herbaceous perennials, write Chas. S. Dutton, 8 West 12th St., Holland, Mich.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morriville, Pa.

Arundo donax var., \$5.00 per 100. H. Steinmetz, Raleigh, N. C.

HYDRANGEAS.

Hydrangea Otakisa, pink, and Thomas Hogg, white. Have bought the entire stock of Joseph Beavis & Son, one of the largest and most successful hydrangea growers in Philadelphia. Have now about 6,000 on hand, the finest stock in the country, which I offer at the following low prices: From 4-inch pots, bushy plants, 48 to 110 per 100; 5-in. 515; 6-inch, very fine and strong, \$30 to \$25; 15 to 100 rates. Write for catalogue, 1012 Ontario St., Hising Sun, Philadelphia, Pa.

Hydrangeas, pink and white, mixed; also paniculata, all in 2 1/2-in. pots; fine plants, \$3.00 per 100. W. G. Kraber, New Bedford, Mass.

Hydrangea Otakisa, rooted cuttings from field-grown plants, \$1.00 per 100. Cash. Dann & Son, Westfield, N. Y.

Hydrangea paniculata grandiflora, 2 to 4 and 5 in. pots. Write for catalogue, Elizabeth Nursery Co., Elizabeth, N. J.

MUSHROOM SPAWN.

We handle nothing but Barter's mushroom spawn. What is all your cost of manure and labor worth unless you have a good quality. Write us, naming quantity wanted. Prospect Greenhouses, Kennett Square, Pa.

Our superior brand English mushroom spawn just received in perfect condition, 25 lbs. \$1.75; 100 lbs., \$6.00; 1000 lbs., \$55.00. 250 lbs. and over at 100 rate. Henry F. Mitchell, 1018 Market St., Philadelphia, Pa.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

G. H. Richards, 128 Southwark St., London, S. E., England.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in bloom and spike. Correspondence invited. Write for our list. Summit, N. J.

Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Paenones, red, scarlet, pink, white, assorted, strong field-grown clumps, \$3.00 per doz. Strong divided roots, \$10.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Paenony roots at 1c per stem as shown on clumps, this year's growth. Fall planting during Sept. and Oct. Colors, rose, pink and red. Brand & Noe, Forest Glen, Chicago.

Paenony roots, order now for fall delivery. Large field-clumps, \$25.00 per 100; strong divided roots, \$10.00 per 100. Chicago Paenony Farms, Joliet, Ill.

Paenones, 5 cents to \$25.00 each. Send to C. S. Harrison, Select Nursery, York, Nebraska, for free paenony pamphlet.

60,000 paenones, named varieties. Send for list. Elizabeth Nursery Co., Elizabeth, N. J.

PALMS, ETC.

LATANIA BORONICA. 20000 cheap for cash. 1 inch No. Price Per Per Pot 3 8 to 19 2 to 4 \$0.05 \$0.45 \$4.00 \$38.00 4 15 to 18 3 to 5 1.20 10.00 35.00 5 19 to 22 4 to 6 2.20 20.00 250.00 6 20 to 22 5 to 6 .45 4.00 38.00 350.00 7 23 to 28 5 to 6 .75 7.00 65.00 8 24 to 28 6 to 8 1.00 10.00 250.00 9 10 to 16, \$1.10 each, \$10.00 per 100, \$90.00 per 1000.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

To make room we offer at following prices, good, hard, cool-grown stock: 500 5-in. Kentia Belmoreana \$2.50 \$25.00 500 5-in. Latania \$5.00 40.00 300 5-in. Pandanus utilis \$1.00 15.00

All plants shipped in paper pots unless ordered otherwise.

GROVEDALE NURSERIES A. Mallon, Jr., Mer. Fisher's Lane and Wyoming Ave., Philadelphia.

To make room I offer PALMS of the most profitable for growing on. They are home-grown (never been sea sick), strong and healthy. Free from insects and disease and just the kind of plants that will grow rapidly into money.

ARECA LUTESCENS.

Table with 4 columns: Pot size, Price per pot, Price per 100, Price per 1000. Includes rows for 1 plant, 2 plants, 3 plants, 4 plants, 5 plants, 6 plants, 7 plants.

KENTIA BELMOREANA.

Table with 4 columns: Pot size, Price per pot, Price per 100, Price per 1000. Includes rows for 1 inch, 2 1/2, 3, 4, 5, 6, 7 inches.

KENTIA FORSTERIANA.

Table with 4 columns: Pot size, Price per pot, Price per 100, Price per 1000. Includes rows for 1 inch, 2 1/2, 3, 4, 5, 6, 7 inches.

JOSEPH HEACOCK, WYNETTE, PA.

The palms offered here are perfect, most of them having their seed leaves still attached, a proof in itself that the plants are grown properly. They are stocky, clean and of good color.

LATANIA BORONICA.

Table with 4 columns: Pot size, Price per pot, Price per 100, Price per 1000. Includes rows for 5-in. pots, 6 to 7 leaves, 7-in. pots, 7 to 9 leaves, 8-in. pots, 8 to 10 leaves.

KENTIA BELMOREANA.

Table with 4 columns: Pot size, Price per pot, Price per 100, Price per 1000. Includes rows for 4-in. pots, 6 leaves, 5-in. pots, 7 leaves.

KENTIA FORSTERIANA.

Table with 4 columns: Pot size, Price per pot, Price per 100, Price per 1000. Includes rows for 4-in. pots, 4 to 5 leaves, 5-in. pots, 5 to 6 leaves.

WALTER BETZLER & Co., 2045 Clarendon Ave., Chicago.

A bargain in young palms in 2-in. pots, for growing on: 100, 1.00.

Table with 4 columns: Plant name, Price per plant, Price per 100, Price per 1000. Includes rows for Areca lutescens, Xerophya australis, Latania boronica, Phoenix canariensis, Phoenix reclinata, Phoenix canariensis, Kentia Belmoreana, The follow-up, Scaevola elegans, Livistona rotundifolia, Cycarya urens, Areca sapida.

All the above stock is of the clean and of extra good value. Will send sample of each variety, for 10c.

J. HEISS, Dayton, Ohio.

Palms and Decorative Plants. The stock I now offer is exceptionally fine, and I feel confident it will give full satisfaction. Areca Lutescens-Clean, strong, well furnished, bushy plants in 4-in., 5-in., 6-in. and 8-in. pots; all sizes have 3 in a pot. Kentia Forsteriana and Belmoreana-Fine stocky well furnished plants in 6-in., 8-in., 10-in. and 14-in. pots; the 8-in. and 10-in. are 2 in a pot and have 14 to 15 leaves. Latania Boronica in 6-in., 8-in. and 10-in. are 2 in a pot. Pandanus Veitchii, Pandanus Uthlis, Dracaena Terminalis, Phoenix canariensis, Phoenix Canariensis, Cocos Weddelliana, Ficus Elastic, Cycas Revoluta, etc. Lemuel Ball, Westinghouse, Erie, Pa.

Kentia Belmoreana, 3-in., \$6.00 per 100; Kentia Forsteriana, 3-in., \$6.00 per 100; Cocos Weddelliana, 3 in., \$10.00 per 100; Latania Boronica, 2 1/2 in., \$2.00 per 100. The above stock is clean, well-grown and A No. 1 in every particular. Satisfaction guaranteed. A. B. Davis & Son, Philadelphia, Pa.

Large palms: 3 Phoenix rochfordii, 7 to 9 ft.; 6 Phoenix reclinata, 5 to 9 ft.; 2 Pandanus utilis, 9 ft.; 7 Pandanus Veitchii, 5 to 7 ft.; for sale cheap and will exchange for standard plants. McKellar Greenhouses, Chillicothe, Ohio.

PALMS. The stock I offer for the coming season is fully up to usual standards of excellence. Descriptive price list now ready and mailed free upon application. CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

To close out, 400 Scaevolaria Elegans, \$6.00 per 100; 400 Washingtonia Filifera, \$6.00 per 100. Ready for sale by sample by mail, 10c to cover postage. First to sample takes them. Wm. L. Puffer, Brockton, Mass.

PHOTOGRAPHS OF THE ABOVE STOCK.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Kentia Belmoreana, strong, clean stock for growing on 2 1/2-in. pots, \$8.00 per 100, \$70.00 per 1,000. ... The Storrs & Harrison Co., Painesville, O.

Latania from 2 1/2-in. pots, \$3.50 per 100; \$30.00 per 1,000. ... John Hader, Troy Hill, Allegheny City, Pa.

Kentias in all sizes. Ask for special trade list.

BOBBINK & ATKINS, RUTHERFORD, N. J. If you want some well grown, stocky Kentias and Palms, write us. We have an immense stock. C. C. POLLWORTH CO., MILWAUKEE, WIS.

SAGO PALMS. Nice plants in fine condition from \$1.00 to \$1.50 each, pot included. Buy south and save express. John R. Law, Columbus, Miss.

Get our prices on Kentias, Phoenixes and Palms as they compare our stock with imported plants. F. J. Berckmans Co., Augusta, Ga.

Palms, per 100: Latania borbonica, 2 1/2-in., \$4.00; Kentia Belmoreana and Furfentiana, 3-in., \$4.00. Morris Floral Co., Morris, Ill.

For list of varieties and prices see our display ad, in this issue. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Phoenixes, clean, good plants from \$5 and \$10 per 100. W. B. Sands, Lake Roland, Baltimore, Md.

Palms. Latania borbonica, 4-in., \$15.00 per 100. Cash. G. W. Weatherly, Chillicothe, Mo.

Palms, see. Searl & Sons, 36 King St., Sydney, New South Wales, Australia.

Salmrecht & Son, New Rochelle, N. Y.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

PANSIES.

Try a few hundred of mine, alongside of any other strain grown for comparison; we will give to be the gainer by this trial, for you will have found the very best pansies and I will have gained another regular customer. Plants only. I spend too much time and money on my seed to offer it at anything like the ruling prices. Free by mail 75c. per 100 or 250 for 100. ... Young plants of an extra fine strain of large-blooming pansies, ready about Sept. 15th, per 100 by mail; by express, Chas. S. Dutton, 35 West 12th St., Holland, Mich.

POINSETTIAS.

Poinsettia pulcherrima. Fine stock 2 1/2-in. pots, \$2.00 per 100. F. M. Miller, 8530 Michigan Ave., Chicago.

Poinsettia, 2 1/2-in. pots, \$5.00 per 100. Underbrook Bros., Columbus, Ohio.

PRIMROSES.

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G. W. Lyons, Babcock, Wis.

STAKES.

Cane Stakes. Orders solicited; car loads only; full shipments, 6 to 8 ft., \$2.50, and 6 to 10 ft., lengths, \$5.75 per 1,000, delivered at New York. For prices proportional. Order at once and get seasonable cane. W. J. Price, Mound City, Ill.

Cane stakes, about 6 feet, per 500, \$2.50; per 1,000, \$4.00. C. H. Joosten, 85 Day St., New York.

Hardwood plant stakes. Louis A. Share, manufacturer, Indianapolis, Ind.

TIN FOIL.

Tin Foil. Plain, Fancy, printed and mounted. Manufactured by The Writing Foil Company, 521 to 541 West 23rd St., New York.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Fairen Co., Kingston, N. Y.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal structures as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 100, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelcelor carnation supports. H. F. Littlefield, Worcester, Mass.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igros Bros., 226 North 9th St., Brooklyn, N. Y.

Send in your order now for a copy of the Florists' Manual.

WIRE WORK.

C. A. Kuehn, 1122 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Design. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterston, 45 47, 49 Wabash Av., Chicago.

Emil Steffens, manufacturer of Florists' Wire Designs and Supplies, 335 East 21st St., New York City.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 78-78 Wabash Av., Chicago.

CLOSED OUT ALL STOCK.

A few words in regard to your classified ads. Last year, late in the season, we had a surplus stock of some considerable thousands of asters on hand, and had about concluded the season was over, but your classified ads, coming to our notice, although we are rather conservative in regard to new things, we were so reasonable that there could not be but a small loss if we received no returns. The effect was that we closed out all the stock and returned some cash to customers whose orders we could not fill.—A. & G. Rosbach, Pemberton, N. J., June 11, 1900.

A GREAT PULLER.

Your paper is a great puller to sell plants. I could have sold double the amount that I had. I shall always advertise in the Review when I have anything to sell.—J. F. Brown, Knights-town, Ind.

SOLD OUT.

Please state in your next issue that I am sold out of asters. Have had to return orders, though I had a large supply. I lay it all to the Florists' Review adv.—T. C. BRECKE, West Berlin, O.

CLEANED HIM OUT.

Please discontinue my adv. under head of Geraniums until further notice. Wish I had stock to supply the demand. Will send you copy for more ads. soon.—S. W. PIRE, St. Charles, Ill.

SOLD 20,000.

Through your valuable advertising medium I am all sold out of 20,000 plants from 3-inch.—W. C. ROCKWELL, Bradford, Pa.

CLASSIFIED ADVS. O. K.

Please discontinue my adv. in REVIEW, as plants are all sold. The classified ads. are O. K.—HARVEY B. SNOW, Camden, N. Y.

THANKS FOR RESULTS.

Many thanks for results from adv. Had to turn down many orders. Sold out so clean could supply only about one-half that the orders called for.—J. N. KIDD, St. Joseph, Mo.

GRAND RAPIDS, MICH.

The Convention.

The convention is over and all unite in the verdict that we had a glorious time and that too much praise cannot be given the Buffaloes who did so much to contribute to the general good time indulged in by all visiting delegates. The trade exhibit was highly educational and reflects great credit on those who contributed that feature of the convention.

Everything was satisfactory but Asheville. I was one of those who wore a "bright spot button" but with numerous other "bright spots" did the Pan-American on Wednesday instead of attending the meeting. Had we been attending to business the result might have been different. We must be careful in the future and not be caught napping again.

The resolution offered by J. C. Remison, allowing no one but a florist to recommend the selection of the next meeting place was highly proper and to be commended. The S. A. F. O. H. should go one step further and have the place of the next meeting voted on at the same session at which the officers are elected.

We gracefully submit the next meeting place to Asheville, the "City of the Skies." We will be there and may it not be a grateful change from a bustling metropolitan city to the superb grandeur of the justly famed beautiful city?

Trade Conditions.

Trade is very quiet. The summer lull is on at last. Roses, while not plentiful, are equal to the slight demand and are steadily growing better in quality. There are some pretty good Beauties being cut with fairly good stems; just at present they are feeling the effects of a dull day. Carnations are scarce.

Crabb & Hunter have four carnation houses planted and will have their large Irene house planted this week.

All field grown stock in this vicinity is looking fine. G. F. C.

BETTER RETURNS.

We will candidly say we have had better returns from ads. in the REVIEW than in any other publication.—NANZ & NEUNER, Louisville, Ky.

ELWOOD, IND.—William H. Woerner is building a new rose house 18x113 feet, the walls being erected of the building blocks. Mr. Woerner used these blocks in the walls of a house erected last year and finds they make an excellent greenhouse wall. They are hollow and the dead air space is a great help in keeping out the cold.

PANSIES
WORTH RAISING.
GOOD SEED—AS USUAL.

3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

CHR. SOLTAU,

199 Grant Ave., JEESEY CITY, N. J.

Mention The Review when you write.

..Latanias..

Headquarters for
PERFECT Stock.

WALTER RETZER & CO.,
2045-49 Clarendon Avenue, CHICAGO.
(NORTH HALSTED STREET)

Special attention is drawn to the fact that the plants offered below are PERFECT, most of them having their seed leaves still attached, a proof in itself that the plants are grown properly. They are stocky, clean and of good color.

LATANIA BORBONICA.

	Per doz.	Per 100
5-inch, 5 to 7 leaves	\$5.00	\$40.00
6-inch, 6 to 8 leaves	9.00	70.00
7-inch, 7 to 9 leaves	12.00	90.00
8-inch, 9 to 12 leaves	22.00	175.00

KENTIA BELMOREANA.

	Per doz.	Per 100
4-inch, 6 leaves	\$5.00	\$40.00
5-inch, 7 leaves	9.00	70.00

ASPARAGUS PLUMOSUS.

2-inch	per 100,	\$5.00
3-inch	per 100,	8.00

ASPARAGUS SPRENGERI.

2-inch	per 100,	\$5.00
3-inch	per 100,	8.00

KENTIA FORSTERIANA.

	Per doz.	Per 100
4-inch, 4 to 5 leaves	\$1.50	\$35.00
5-inch, 5 to 6 leaves	7.50	60.00

Mention The Review when you write.

CARNATIONS = Field Grown.

Clean, Bushy Plants, Ready for Benching..... \$5.00 per hundred.

- | | | | |
|----------------|-----------------|----------|----------------|
| ARMAZINDY. | LIZZIE MCGOWAN. | EVELINA. | MRS. F. JOOST. |
| CERISE QUEEN. | JUBILEE. | GLACIER. | JOHN YOUNG. |
| MARY WOOD. | TRIUMPH. | BON TON. | GEN. GOMEZ. |
| MAYOR PINGREE, | | | |

Rockford Seed Farms. H. W. BUCKBEE,
Forest City Greenhouses. ROCKFORD, ILL.

Mention The Review when you write.

HARDY ..HERBACEOUS.. PLANTS.

—REASONABLE—

EDWARD B. JACKSON
STAMFORD, CONN.

SOLD OUT.

Our stock of young Carnations is sold out. Place your order now for FIELD PLANTS for FALL DELIVERY.

All the best varieties.
GEO. HANCOCK & SON,
Grand Haven, Mich.

Tin Foil for Florists

Special Shades.
Special Designs.
Plain or Colored.

Write today for samples and prices.

THE PALEN COMPANY, Inc.
KINGSTON, N. Y.

Western Representatives: J. HOWARD JONES & SONS, 34 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

20,000 Field-Grown..Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching. Flora Hill, Melba, Crocker, G. Lord, R. Lippincott, America, Crane, Macco, Bradt and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.

Sow Bugs and Slug Shot

DO NOT AGREE. THE SOW BUGS DIE...

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florist material. **GEORGE M. KELLOGG,** Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, \$5.00, seems a mere bagatelle. **Oakland, Md. H. WEBER & SONS.**

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. **JOHN THORPE,** Chicago.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. **M. S. WORDEN,** North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual. **Hartford, Conn. GEO. S. OSBORN.**

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need. **Rutherford, N. J. ROBBINK & ATKINS.**

I am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading. **Etna, Pa. M. NAUMAN.**

I am very much pleased with the Manual. It is just what we have needed for a long time. **Milwaukee, Wis. N. ZWEIFEL.**

It is certainly a neat and handsome book and you credit. **BENJAMI, HAMMOND,** Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and interesting contents cannot fail to be a benefit to all in the trade. **C. C. POLLWORTH CO., Milwaukee, Wis.**

I greatly appreciate the Florists' Manual. It is a splendid treatise. **JOHN WELSH YOUNG,** Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants. **Columbus, O. B. BUEHLER & SON.**

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. **Milwaukee, Wis. W. A. KENNEDY.**

Am very much pleased with the book; it is very handy for reference. **Macon, Ill. F. E. BONHAM.**

Unlike so many of our books, it has the very flavor and essence of actual experience. **Ithaca, N. Y. L. H. BAILEY.**

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day. **Philadelphia. JOS. KIFT & SON.**

We have gotten much valuable information from the Florists' Manual and are highly pleased. **Franklin, Tenn. TRUETT BROS.**

The Florists' Manual is a gem. No florist could afford to be without it. **Madison, N. J. A. J. BAUR.**

If everyone has enjoyed your work as I have it is a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants. **Flushing, N. Y. H. D. DARLINGTON.**

I am more than pleased with the Florists' Manual. **OTT BROWN,** Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published. **Joliet, Ill. JAS. HARTSHORN.**

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progress of our Florists' business. **J. T. TEMPLE,** Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual," which you are sending me. After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours, **COMMISSIONERS OF PARKS AND BOULEVARDS, E. J. CORYELL, Gen'l Supt., Detroit, Mich.**

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is \$5, which seems somewhat high, but for useful information it is worth every cent of it.—*Vick's Magazine*

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, \$5.
From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with com-

mercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc. So that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to need any special commendation at our hands; suffice it to say that the same soundness of doctrine, and masterful handling of material, which we have generally characterized the text of the book now before us. Nearly 200 individual items are discussed, viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists, and commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting the needs of their particular class through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small space confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and critical persons may object to the interspersing of advertisements with the reading matter, though it is not nearly so obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—*Mechan's Monthly.*

The Florists' Manual, by Wm. Scott, Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists, and commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting the needs of their particular class through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small space confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and critical persons may object to the interspersing of advertisements with the reading matter, though it is not nearly so obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—*Mechan's Monthly.*

THE FLORISTS' MANUAL...

By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal and experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A COMPLETE REFERENCE BOOK FOR COMMERCIAL FLORISTS

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, \$5.00 Carriage Prepaid.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

The above mentioned book is one that you need in your business—One that you can't afford to be without.

SAMUEL S. PENNOCK, WHOLESALE FLORIST,
 American Beauties and Valley Our Specialties.
 Also White Roses and Asters.
 Commencing June 24th and continuing during the summer months will be open from 7:30 a. m. to 6:00 p. m.
 1612-14-16-18 Ludlow St., PHILADELPHIA, PA.
 Mention The Review when you write.

CINCINNATI

Various Notes.

We are now having what might be called ideal summer weather. While there has not been a heavy rainfall, frequent showers keep the temperature cool and have brought that green, fresh look back to vegetation.

Carnations are beginning to show some life again, and asters are coming nicely. The better varieties of cut asters are coming in and bring from 2 to 3 cents. Roses have advanced from 3 to 4 cents and now the very best go at 5 cents. The market in general is on the advance.

The stores have all been busy with funeral work, so white flowers have been most in demand, but colors are not far behind.

Mr. J. W. C. Deake and his aunt left this city last night for their home. As might be expected, Mr. Deake is elated over his success in having Asheville chosen as the next meeting place of the S. A. F. O. H.

Mr. Harry Papworth, of New Orleans, passed through this city Thursday on his way home.

Large crowds visited the city greenhouses in Eden Park Saturday night and Sunday to see a Victoria Regia which is now in bloom. As this is the only plant of that variety in this city it is quite a novelty to the public.

A Visit to Dayton.

The writer was in Dayton, Ohio, last week and while there visited the establishment of Harry Altick. Mr. Altick is devoting his entire space to carnations and chrysanthemums, and he is to be congratulated on the excellent condition of his plants. He has almost finished housing his carnations, and I have never seen better plants. Mr. Altick lost several thousand geranium plants in a large fire at Fairview Park. They were used in beds and were a total loss.

Mr. Alva Kauffman has decided to discontinue business owing to failing health. He was doing a very large retail business and it proved to be too much for him. His place is for sale.

Mr. H. H. Ritter and daughter are in the east on a trip. They will visit New York, Philadelphia, Washington and Atlantic City. Mr. Ritter has a model establishment. Everything is looking first class and points to another prosperous year.
 C. J. ÖHMER.

OTTUMWA, IOWA.—Clarence Kranz has just completed the erection of two new houses, one 22x200 for roses and one 16 x200 for general plant stock. His roses are planted and in fine shape. Field carnations were dry, but rain has been frequent recently and stock is now in good condition to bench.

MARQUETTE, MICH.—The Duluth, South Shore & Atlantic Railway has decided to erect greenhouses in connection with the new depot here. A park will be laid out around the station building and greenhouses.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St., PITTSBURG, PA.
FLORISTS' SUPPLIES. Write for Price List.

Mention THE REVIEW when you write.

PRIMROSES

Chinese, Per 100
 Single, mixed...\$2.00
 Obconica Alba and
 Rosea..... 2.00
 Forbesi..... 2.90

SMILAX, 2-inch pots, per 100, 75c. **ASPARAGUS**, Sprengeri.....per 100, \$2.00
 Plumosus..... 2.50

CASH. PANSY SEED, No. 1 Pina Ultra, 02., \$4.00.

JOS. H. CUNNINGHAM, - - - DELAWARE, OHIO.

Mention The Review when you write.

Are You Short ROSES
ON.....

GERANIUMS from 2½-inch pots. Bruanti (best semi-double scarlet), \$1.25 per 100; \$12.00 per 1000. S. A. Nutt (best double crimson), \$1.50 per 100; \$15.00 per 1000. **Mme. Sailerol**, \$1.50 per 100.

ASP. PLUMOSUS NANUS, strong plants, from 2½-in. pots, \$2.75 per 100; \$25.00 per 1000.

ASP. SPRENGERI, strong plants, from 2½-inch pots, \$1.75 per 100; \$15.00 per 1000.

COLEUS: A choice collection of 15 varieties, strong 2½-inch, \$1.00 per 100; \$8.00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
 Mention The Review when you write.

1600 Perles, 1900 Brides, 150 Liberty.

GEO. A. KUHLMAN, Pekin, Ill.
 Mention The Review when you write.

Violets. Orders booked now for field-grown "Imperial." This is choice stock. 2½-inch pot plants at usual rates; all varieties.

"Irene." Field-grown Plants. Ready now.

Write for CARNATION price list.

CRAB & HUNTER, Grand Rapids, Mich.
 Mention The Review when you write.

Extra fine plants on their own roots for winter forcing.
Bride, Bridesmaid, Meteor, Kaiserin, Golden Gate, Perle,
 3-inch pots, \$7.00 per 100.
 4-inch " \$10.00 "

Liberty,

3-inch pots.....\$8.00 per 100.
 4-inch pots.....\$12.00 "

Grafted,

3-inch pots.....\$15.00 per 100.

Our LIBERTY ROSES, both grafted and on their own roots, are in extra fine condition and perfectly healthy. **NO BLACK SPOT.**

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

Clearance Sale!

2000 Bride Plants, 3½-inch, \$20.00
 1000 Meteor " " } per 1000.
 600 Maid " " }
 All Fine Stock.

BRANT & NDE, Forest Glen, CHICAGO, ILL.

Mention The Review when you write.

Always Mention the...
Florists' Review
 When Writing Advertiser



HITCHINGS & CO.
 233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
 PIPES, FITTINGS AND VENTILATING APPARATUS
 Send Four Cents for Catalogue. GREENHOUSE BUILDING

Mention The Review when you write.

NOTICE REDUCTION IN PRICES.

We have now an immense stock of

Nephrolepis Wittboldii,

and owing to our lack of room to grow them on, will fill orders at the following prices:



Plants from the bench,
ready for 2-inch pots.....\$ 1.50 per doz.
" 3 " 2 00 "
" 4 " 3 00 "
" 5 " 5 00 "
From 6 " 12 00 "
" 7 " 15 00 "

We wish to call your attention to the favor the **Cut Fronds of Nephrolepis Wittboldii** are finding among cut flower workers.

E. G. HILL says:

**"It is Great for
Cut Purposes"**

and we have dozens of customers who are growing a few plants on the bench for cutting purposes in design work.

The above prices will soon exhaust our surplus stock and customers will do well to order immediately.

WE HAVE ALSO AN UNUSUALLY LARGE STOCK OF... **DECORATIVE STOCK** AS LISTED BELOW WHICH IS NOW IN PRIME CONDITION.

Variety.	Size Pot.	Height, Inches.	Character Leaves.	Price Each.	Doz.	100	
<i>Arcua Lutescens</i>	2½	5 to 6	.....	8	75	\$45.00
" " ".....	3	8 to 10	.....	1 00	8.00	
" " ".....	3½	12 to 15	.....	2 00	15.00	
" " ".....	4	18 to 20	.....	\$ .25	3.00	25.00
" " ".....	5	20 to 22	.....	.50	5.00	35.00
" " ".....	6	20 to 24	.....	.75	9.00	
<i>Kentia Belmoreana</i>	2½	8 to 9	3 to 4	.....	1.50	12.00
" " ".....	3	10 to 12	4 to 5	.....	2.00	15.00
" " ".....	3½	12 to 14	5 to 625	3.00	20.00
" " ".....	4	14 to 16	5 to 730	3.60	
" " ".....	7	30 to 36	5 to 6	.....	2.25	25.00
" " ".....	8	36 to 40	5 to 6	.....	3.00	35.00
" " ".....	strong 8	36 to 42	5 to 6	.....	4.00	42.00
" " ".....	9	40 to 42	6 to 7	.....	4.00	48.00
" " ".....	9	42 to 44	6 to 8	.....	4.50	54.00
<i>Kentia Forsteriana</i>	2½	8 to 9	3 to 4	.....	1.50	12.00
" " ".....	3	10 to 12	4 to 5	.....	2.00	15.00
" " ".....	3½	12 to 14	5 to 625	3.00	20.00
" " ".....	4	14 to 16	4 to 550	4.00	30.00
" " ".....	5	18 to 20	4 to 6	.....	1.50	15.00
" " ".....	9	50 to 54	5 to 6	.....	6.00	
<i>Aruncaria Exceles</i>	6	3 plants in a pot.	.....	8.00		
" " ".....	6	5 tiers	.....	1.50	18.00	

Variety.	Size Pot.	Height, Inches.	Character Leaves.	Price Each.	Doz.	100	
<i>Latania Borbonica</i>	2½	3	.....	.....	\$0.60	\$ 4.00
" " ".....	3	12	5 to 6	.....	1.00	8.00
" " ".....	3½	12 to 15	5 to 615	1.50	12.00
" " ".....	4	15 to 18	5 to 725	3.00	20.00
" " ".....	5	18 to 22	6 to 750	3.00	35.00
" " ".....	6	18 to 24	6 to 875	7.20	50.00
" " ".....	8	20 to 24	8 to 10	.....	2.25	
" " ".....	9	24 to 26	9 to 11	.....	2.50	
<i>Asparagus Sprengeri</i>	2	.....	.....	.....	.50	3.00
" " ".....	3	.....	.....	.....	1.00	8.00
" " ".....	4	.....	.....	.....	1.50	12.00
" " ".....	5	.....	.....	.....	2.00	15.00
<i>Asparagus Piu. Nall</i>	2	.....	.....	.....	.50	4.00
" " ".....	3	.....	.....	.....	1.00	8.00
" " ".....	4	.....	.....	.....	2.00	15.00
" " ".....	5	.....	.....	.....	3.00	20.00
<i>Nephrolepis Bost.</i>	3	Out of bench	.....	.....	3.00	
" " ".....	6	Pot grown	.....	.....	4.00	
" " ".....	6	.....	.....	.....	5.00	
" " ".....	6	.....	.....	.....	6.00	

Cycas Revoluta.—We have an immense stock of good values from 25c to \$3.00 each.

THE GEORGE WITTBOLD CO.

1657 Buckingham Place,

CHICAGO.

GUESSING CONTEST AT BUFFALO.

In the guessing contest inaugurated by McKellar & Winterson, Chicago, in which they offered a prize of \$10.00 to the one guessing nearest to the number of pins made by the bowler having the highest individual score in any one game at the tournament held Saturday, August 10, at Buffalo, there were 260 guesses that came from about eighteen states, Illinois leading with 76, New York, 62; Pennsylvania, 28; Maryland, 22; Wisconsin, 25; Ohio, 10; the rest distributed in smaller numbers among the states of Arkansas, New Jersey, Oklahoma, Louisiana, Rhode Island, Missouri, Nebraska, Kentucky, Connecticut, Massachusetts, Michigan.

There were seven who guessed the correct number—213 pins—viz: E. Schloss, 533 Broadway, New York; J. Austin Shaw, 271 Broadway, New York; Mrs. T. F. Lang, 670 Sixth Avenue, New York; Thos. Wallis, Chicago; P. J. Hauswirth, Chicago; Wm. Christie, Baltimore; Jos. E. Pollworth, Milwaukee, among whom the prize will be divided.

The one who made the 213 score, Wm. R. Gibson, of Philadelphia, guessed 225, Miss Hester Gibson was nearer, with 215.

EDGAR SANDERS, for the Committee.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

P. J. Berckmans Co., Augusta, Ga., register new rose Climbing Clothilde Souperet, a sport from Clothilde Souperet; originated in their nursery in 1896; flowers one and one-half to two inches in diameter, very double. White with rose or light carmine center; a perpetual bloomer; rapid, willowy growth; foliage same as Clothilde Souperet.

The Michigan Seed Co., South Haven, Mich., by E. S. Thompson, manager, register gladiolus Park Belle; color illuminated pink; growth, dwarf, 2 to 2½ feet; flowers, spreading; characteristics, permanent for the past nine years.

WM. J. STEWART, Secretary.

ST. JOSEPH, MO.

Trade has been very good for this season, running 50 per cent better than last summer. All are cutting a goodly supply of fair roses but no carnations.

L. J. Stuppy has just finished two new houses and has them planted with the newest carnations, including Marquis and Lawson, which did well with him last year, Marquis making the finest flowers ever seen in this locality. Roses, mums and violets all planted a month ago.

J. N. Kidd and family are in Manitou, Colo. Mr. Kidd suffered a severe illness lately but is much improved.

Frank Stuppy is making preparations to spend September in Montana in search of big game.

PROVIDENCE, R. I.—The Rhode Island Horticultural Society has issued its premium list for the annual chrysanthemum show to be held next November. Copies may be had by addressing the secretary, Mr. C. W. Smith, 61 Westminster St., this city.

KEWANEE, ILL.—Two new greenhouses are being erected by Hamilton & Plummer, one 20x100 and one 20x75.

WRITE FOR CATALOGUE
GREENHOUSE MATERIAL
OF EVERY DESCRIPTION
JOHN & MONINGER CO.
111-125 BLACKHAWK ST. CHICAGO
HAWTHORNE AVE.

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is giving satisfaction.



Write for Catalogue containing testimonials of the leading growers.

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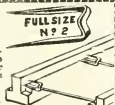
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SAMPLE POT and PRICE
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FALLS.

THE WABASH
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BUFFALO
AND THE
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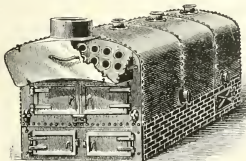
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VENTILATING APPARATUS
HOT WATER BOILERS, PIPES and FITTINGS.
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Order Your Boiler Now

THESE BOILERS ARE
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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS. OF TOBACCO IN ONE PINT OF MISTURE SOLD BY SEEDSMEN --- CIRCULAR FREE - SKABCURA DIP CO. CHICAGO.

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Simple, Strong, Durable.

Send for Catalog, etc.

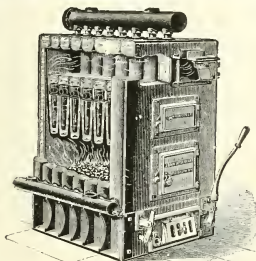
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Please discontinue my classified adv., as I am completely sold out of chrysanthemums, in fact could have sold three times what I had through your adv.—H. D. DARLINGTON, Flushing, N. Y.



"INVINCIBLE."

...THE...
SCOLLAY BOILER
FOR
GREENHOUSE HEATING, ETC.
Hot Water or Steam.

"FARMINGTON, CONN. March 9, 1896
"The Invincible Boiler you placed in my carnation houses has given great satisfaction. I did not have to run the boiler hard even when the thermometer stood 15 deg. below zero. It has proved 'Invincible' in every respect."
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See That Ledge.

Pat. Sept. 18, 1900.



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IRON GUTTER.

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BEST GRADES. PERFECT WORKMANSHIP.

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615 to 621 Sheffield Ave., CHICAGO, ILL.

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DAN'L B. LONG,
Publisher, Buffalo.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO. 520-535 Caxton Building, 334 Dearborn Street, Chicago.

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Advertising rates: Per inch, \$1.00; 1/4 page, \$1.50; full page, \$3.00. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 25 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

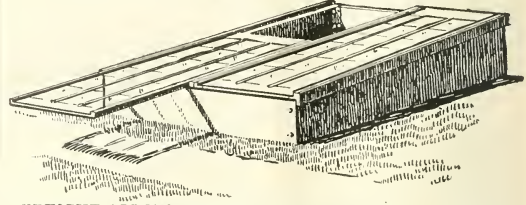
This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

Table listing advertisers and their addresses, including American Rose Co., Amling, E. C., and others.

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Adapted for Growing Vegetables, Violets, Etc.

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Before Buying any Machinery

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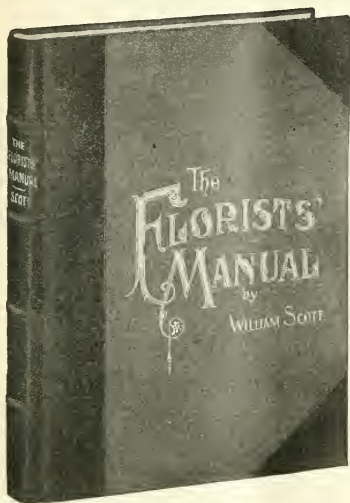
I enclose adv. to notify the trade that I am sold out of my sweet pea seed. The REVIEW is the greatest advertising medium I have ever used. It cost me less than 1/2 per cent of sales. And the adv. has kept selling for a year.—ANT. C. ZVOLANEK, Grand View, N. J.



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Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus. Send Four Cents for Catalogue.

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NO SCIENCE BUT LOTS OF PRACTICAL COMMON SENSE.

It don't tell you the botanical classification but it does tell you how to produce marketable plants and cut flowers in the best and cheapest way.

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By WILLIAM SCOTT.

A Complete Reference Book for Commercial Florists. Over 200 large pages. Handsomely illustrated. Following is a list of the subjects covered.

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, AUGUST 29, 1902.

No. 196.

Lilium Harrisii

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50 per cent off on Wire Work holds until September 10th only. Get your order in NOW.
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BUY NOW and plant for EASTER FLOWERS.

TEMPTING PRICES :	6-8 inch	Per 100. \$2.75	Per 1000. \$25.00
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	9-10 inch	6.75	65.00

The Early Flowering LONGIFLORUM MULTIFLORUM,
7-9 inch, per 100, \$3.50; per 1000, \$35.00.
9-10 " " 8.00; " 75.00.

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is offered by several good growers and by ourselves at \$2.00 per 100. Try a hundred of their plants or ours so you will buy

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IN APRIL, 1902.



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We have received from a celebrated specialist a large stock of the choicest Cyclamen persicum giganteum. Sown any time before October they germinate readily and make fine plants for next season. We can furnish in the following four distinct colors, also in mixture:

Pure White	100	1000	sds.	sds.
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Deep Rose	75	6.00		
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Finest Mixed	60	5.00		
250 seeds or over at the 1000 rate.				

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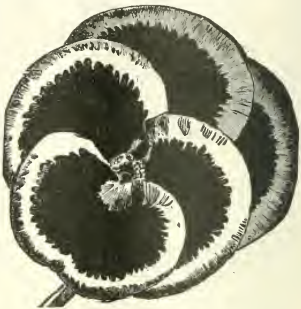
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Dreer's Premium Mixture. A grand mixture in every way and second only to our Royal Exhibition. Trade pkt. 50c; oz., \$4.00.
Giant Trimardeau Mixed. Of very large size and fair range of color. Trade pkt., 50c; oz., \$1.25.

We also have other mixtures as well as separate colors. Please see page 20 of our current Wholesale Price List.

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Florists' Calendar, August--September.

Lil. Harrieh, extra fine stock. 5x7	12	100	12	100
Freesia, Extra Refracta Alba	12	100	12	100
First size	50	4.00	50	4.00
Extra size	50	5.00	50	5.00
Roman Hyacinth, early white, 11 to 15-in.	12	100	1,000	
12 to 15-in.	50	3.25	21.00	
Romans in color, rose blue, red	25	1.75	16.00	
Paper White, the TRUE giant flowering sort, with extra large trusses	15	85	7.50	
Lil. Candidin, St. Joseph's Lily, large bulbs, the strong petal kind	75	5.00	45.00	
Medium bulbs	60	4.50	40.00	
CALLA ETHIOPIA, 5x5-in.	40	4.00	25.00	
5x5-in.	75	5.50	50.00	
5x7-in.	100	7.00	60.00	
7-10 to 10-Monster	150	10.00		
CYCLAMEN persicum giganteum, brilliant colors, strong bulbs, plant now for Xmas	85	6.00		

Longiflorum, Japan grown 5x7	60	40	\$2.00	\$1.50
6x8	50	2.75	25.00	
7x9	40	4.00	35.00	
9x10	25	6.00	55.00	

The TRUE Longiflorum Multiflorum, 10 per cent higher.

Seeds to be Sown Now.

Cyclamen persicum giganteum, in pure white, rose, crimson, white with dark eye, separate or mixed. 100 seeds, 60c; 1000 seeds, \$5.00.
Pansies, cream of French, Scotch, German prize flowers, 100 seeds, 50c; 500 seeds, \$1.00.
Cineraria maxima or dwarf, 500 seeds, 25c.
Calceolaria " " or ragusa, the shrubby sort, beautifully mottled and tigered. Pkt. 25c.
Asparagus Sprengerii, best germination, 100 seeds, 50c; 1000 seeds, \$2.00.
Primula sinensis, fancy color, to clear season's import, 100 seeds, 15c; 1000 seeds, \$1.00.
Musa Ensete Seed, fresh, 12, 10c; 100, 50c; 1000, \$5.

Let us book your order now for AZALEA Indica, October and November delivery. Write for any desired information. Estimates given on import or other orders. Send for our new catalogue.

Address **H. H. BERGER & CO., 47 Barclay St., New York.**
Est. 1878. P. O. Box 1859.

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Manufacturer of Floral Metal Designs,
Importer and Dealer in Florists' Supplies,
FACTORY, 705 First Ave., bet. 40th and 41st Sts.
OFFICE and WAREHOUSES,
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WRITE FOR NEW CATALOGUE.

DAGGER FERNS 50c or FANCY FERNS per 1000.

Green or Bronze Galax, 50c per 1000, in 5000 lots.
Laurel Fern-planting, 4c, 5c and 6c per yard.
All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

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Try us and we will please you.

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P. O., MILLINGTON, MASS.

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FLORISTS' SUPPLIES
Importer and Manufacturer of ...
Complete Stock, New Goods, New Illustrated Catalogue now ready. Send for it.
108 W. 28th St., near 8th Av., NEW YORK.

REED & KELLER,
119 & 122 West 25th St., NEW YORK, N. Y.
Manufacturers of Florists' Wire Designs,
Importers and Dealers in Florists' Supplies.
Galax Leaves and all Decorative Greens.

ORCHIDS..
Arrived: A fine shipment of our celebrated Cattleya Gigas, also C. Chrysoleuca (surala), Miltonia Vesilbaria, M. Roezlii, Oncidium Kraussianum, Loddia Patinii, and many more. Write for prices.
Lager & Hurrell, Growers and Importers... Summit, N. J.

THE RETAIL FLORIST.....

Pencil Points.]

Never be in doubt as to whether you should repaint your store or not. If it only half way needs it, do it. There's nothing like a clean bright store or office. No more shelves or dust collectors in modern florists' stores; nothing but a good ice-box, counter and choice furnishings. Unsightly and seldom required supplies are kept out of sight.

There is nothing like a change. It may be for better or worse, but the world of today requires it. See if you cannot change something about your store for the better. Most florists are busy just now with vacations or alterations; both should be attended to at once.

The coming season will be like many lives, a short and a merry one. This will be particularly so in large cities. Country life is yearly becoming more attractive to the rich American, and in consequence the cut flower trade suffers. It is in very many cases doubtful whether the florist doing a good steady trade among poor people is not better off than he who caters only to the rich.

We'll soon have the auction rooms agoing to get the cash for growers' coal bills. There will be big bargains on small stock as usual early in the season, but the man with only his store had better be careful; only those who have glass can afford to plunge. This also applies to newly imported stock, it must become established and acclimated before it will stand the wear and tear and dust and draughts of store usage.

If you are growing ivies out of pots in the field, dig the largest up at once and pot them; careful handling will get them in fair condition by the time they are wanted. Newly potted plants are of little value for retail work. Many growers "plunge" their ivies and thus have them ready at all times. There will be a good demand for large ivies this winter.

California privet (*Ligustrum ovalifolium*) has become a very popular box and tub plant in New York; it is a cheap, safe and an immediately effective screen. The possibilities with this material are great; not all can afford to pay the price demanded for bay trees, and in their case privet is a good substitute. Shapely specimens, well furnished with smaller plants at bottom, and grown in presentable tubs, will sell well next season; retail nurserymen may make a note of this, but be sensible in price.

There has been a steady demand for good sized Boston ferns all this summer and in the future it promises to be even greater than ever. Growers will do well to prepare for a continuous supply of good, cool grown specimens of this grand decorative plant.

You can scarcely get anything more effective than a well furnished hanging basket of *Asparagus Sprengeri*; the great value of this plant is not yet recognized; the time will come when it will be bet-

ter grown and more generally used, and its greatest worth is seen when in hanging baskets.

Get your freesias in if you want them when most valuable.

Carnations will be later than usual this season, but promise to be of finer quality.

Supply men inform us that the immortal crop has been a total failure. This news comes at a time when we were going to advise our readers to get up their stars and bells for Christmas. They tell us the price of red immortelles has been doubled and that very few are obtainable. Well, Europe needs immortelles more than we do; we can get along without them; all the same we cannot see why this country does not grow, instead of importing, them. Once upon a time small unopened immortelles were considered inferior; now they are most preferred; the dye and the size of the bunch comes before size of flower (in their case) on the American market.

A western man has patented a bouquet pin. It consists of a stick pin attached to a piece of tin on which is fastened a bit of wire; the intent is to wire the stem of the bouquet or flower on to the tin and it is stuck to the garment in the manner of the badge; it is called an invisible bouquet holder or pin. It may be a "go" in some quarters, but our experience has been that the old style is best.

From time to time we notice strange ideas executed in regard to the attachments for wearing flowers; little bottles of water were once carried behind the lapels of coats in which to stick the stems of boutonnières; the custom became general in England, and we are compelled to smile at the recollection of that and other more recent innovations. Thorley, last season, offered an expensive violet pin. It was a short gilt chain and metal violet with fasteners; some people must be distinctive at any cost, but a plain clean pin and quality in flower is good enough for the best.

All who can should see the floral parade at Saratoga, N. Y., the first week in September. Some vile things no doubt will be seen, but some pretty ones also, and much of interest in general. An immense amount of flowers are used for this occasion. African marigolds are extensively grown for groundwork on floats, etc. The great trouble with the Saratoga annual fete is that florists will do the work for almost nothing in order to get it away from one another. Pity where there is so much spring water there should be so much foolishness.

We notice that there have been more floral fetes and floral dances this year throughout the country than ever before, but fear they have been more of the artificial than natural material kind; we expect it to be so till the florist takes his proper place.

There is just a little too much of that misty north and south business introduced into arguments anent florists'

conventions. There is no north and south in ability or principle. New Orleans, Atlanta or any of the florists' centers of the south would have been more acceptable to the majority, but what can't be cured must be endured.

We saw finer and better varieties of sweet peas on Main street, Buffalo, this summer than we did on Broadway, New York; and more white asters in Kastinger's store one day than in any other store in the state. Strange, very strange, we saw only one florist's stand on the streets of Buffalo; lucky for the Main street boys that the Greek pest is not established there; woe betide them, etc., etc.

It's a mistake to imagine that where pass the greatest crowd is the best place to open a florist's store. We know of places where hundreds of thousands pass in a day that are not worth considering from a florist's standpoint. The business seems to be concentrating more and more to the residential sections.

Rubber plants have been extensively used to good advantage in garden vase work this summer. A few years ago experienced growers were afraid to grow these plants in direct sun; now they are almost all grown outdoors. The market will be flooded with them this fall; the branched ones will have first call. Straight rubbers are less in demand every year.

Wonder what has been the matter with small *Cycas revoluta* this summer; we haven't seen them for sale at every corner of the street; queer how things run out.

Roman hyacinths have been cornered by a syndicate in France. What a blessing! The less we see the more we appreciate is applicable to many things, more especially where syndicate material is concerned.

Choice cut flowers are very scarce these days, and seem particularly so when most wanted. American Beauties are coming in much earlier this year; it is the best rose on the market at present, and Kaiserin is the next best. Asters have not been satisfactory so far, but better is expected of them during next month. Some provision should be made to have the aster crop last till chrysanthemums are well in. *Lilium lancifolium album* and *L. auratum* with white gladioli are plentiful and furnish excellent material for funeral work.

About the most despised flower we have on the market now is *Hydrangea paniculata grandiflora*; it is for the while abundant everywhere and a source of aggravation to most wholesalers. The country is full of this stock and growers should not expect much in return. It is a mighty good flower for the poor retailer to have in stock and will be more so as the days get colder; fine work can be done with it if used with tact; the trouble is that everyone now, even to the poorest, look for an abundance of roses in the cheapest work, and more because other material is not used to advantage; they fail to see good value or beauty in other flowers.

We are glad to learn that business at the summer resorts has so far been unusually good this season. IVERA.

BULBS.

Roman hyacinths have been advanced \$2 to \$3 per 1,000 in price during the last two weeks. The 7 to 9 and 9 to 11 *Harrisii* are very scarce, owing to a

shortage in the supply of those sizes. But there seems to be plenty of good-sized Japan longiorum. Some importers have obtained their bulbs earlier than usual on account of Easter coming so early next year.

The demand for Roman hyacinths and paper-white narcissus is increasing yearly, but of the narcissus the grandiflora is generally demanded, and the call for

the grandiflora multiflora is continually enlarging. Von Sion does not keep up with other bulbs in increased demand except on some special select stock. Practically all the Von Sions now come from Holland, the English grow bulbs generally producing greenish flowers, the French grown also having the same tendency, though in a less marked degree.

the afternoon, close up the house, raising the temperature, which would fall during the night and leave the foliage wet all night. I have seen this done four or five successive afternoons and the next morning the dew drops were glistening on every leaf and in one week there were no leaves for the dew to rest on. This moist heat in the evening, followed by a damp, close atmosphere, will quickly produce a silvery threaded fungus, entirely distinct from mildew, which will take off every leaf in short order.

A very good and successful rose grower told me a few years ago that he rather liked to have an attack of mildew during September. He considered it gave them a rest. I cannot agree with him. A rest by a cool temperature, which would seem much to be preferred. In conclusion, do your syringing always in the morning. Dull, damp days there is no need of it, and never close the house when the foliage is wet unless you can do some firing. WILLIAM SCOTT.

MISCELLANEOUS SEASONABLE HINTS.



Stevia.

The only stevia worth growing is *S. serratifolia*, and that you have planted out. With our warm and frequent rains they have grown into large plants. About this time they can have their last stopping, which should not be just the very tip pinched out, but four or five inches of the top of every shoot pinched off. They have some weeks to grow outside yet, but as you cannot do everything at once it is well to lift them about the middle of September. Give them a good sized pot and don't put them in the house. Stand them in the shade till they have got over the lifting and then if we escape a September frost they are better out of doors till near the end of October.

It is at the holidays that you want the stevia, and I have never had too much of it. There is a grace and lightness about the flower which blends with everything and makes acceptable many an otherwise stiff bunch of flowers. Some growers lift the stevias with a good ball of earth and plant them on the bench in six inches of soil. This plan will do very well and produce finer spikes than in pots if you have a crop to succeed the stevia, but I like the pots best.

Bouvardia.

It is about the time (first week of September) to lift the bouvardia. It is little grown now, although twenty years ago it was one of our most important cut flower plants. They are by no means the easiest plants to lift, but if they have been grown in a sandy loam and lifted when the soil is moist few of the roots will be lost. These should always be planted on a bench 9 to 12 inches apart in 4 or 5 inches of good loam. Shade and frequent syringing must be attended to till the plants show they have got hold of the new soil, after which the bouvardia wants the fullest light. If they have been pinched in the field recently all right. If not, leave them untouched till they are established inside and then pinch the leading shoots. This is another flower that is not appreciated while there is a flood of chrysanthemums, but when December comes it is welcome.

I may just mention to those who are beginners—to whom at all times my notes are respectfully dedicated, and not to the experienced—that the bouvardias are all essentially tropical, and while you may get a very good Christmas crop and perhaps another at Easter at a night temperature of 50 to 55, you will have a long period of rest, and to grow them

profitably they should have a night temperature of not less than 60 to 65.

Poinsettia.

If you want to plant out a bench of poinsettias, by which means you get larger flowers than in pots, now is a good time to do it. Five inches of good heavy loam will grow them well and let it be in the lightest house you have. Poinsettias will thrive in a lower temperature when their roots have plenty of room than they will when grown in pots, and for cutting, the planting on a bench is the surest way, but we sell so many in pots that we have to grow them that way. Mealy bug is the worst enemy of poinsettias, and as they delight in plenty of syringing you should never let it get a lodgment on the plants.

Roses.

Soon we will be having cool nights and much more care and watchfulness will be called for. Up to date there has been no trouble; with good soil and proper watering a healthy and strong growth has been made, and no excuse for mildew up to this time. With the coming month, however, we shall get nights that will go down to 40 or 45, and you will be tempted to shut up the ventilators early to keep the house warm. As long as there was a free and abundant circulation with open ventilators day and night it mattered little when you syringed, but when cool nights are coming syringe always in the forenoon.

Syringing is done for two reasons: First to produce a moist, growing atmosphere conducive to growth, or food for the foliage, and next to keep down red spider. A long chapter could be written on syringing. Some men are so dexterous with the hose that they can thoroughly wet, or, I might almost say, scour the underside of every leaf without scarcely wetting the soil of the bench, while others are so crude that what they call sprinkling is neither a syringing nor a watering. I am sure I have seen some dismal failures from this unskillful use of the hose. But of that later. The cool nights that are coming is my theme.

The ideal conditions when the outside temperature falls below 50 degrees would be a small amount of ventilation with a very slight heat on the pipes, but firing early is often inconvenient and considerable expense and may only be needed for a few nights. The next best condition is to have the house by evening perfectly dry and a small amount of ventilation, or, if too cool and windy, close it up entirely. The very worst management would be to syringe during

FORCING CUCUMBERS.

Subscriber asks for information regarding the forcing of cucumbers. The variety generally grown in the East for purely commercial purposes is the American White Spine, the long seedless variety of the Telegraph type, not being called for in the market at all. Why this is so is difficult to state, for the White Spine cannot compare with the Telegraph for flavor, in my opinion.

If subscriber is proposing to market his crop, he would better grow the White Spine variety.

The seed should be sown in pots, and when the young plants are well rooted, they can be planted out on the bench about three feet apart. It is not wise, in the winter, to fill up the entire bench with soil, because then the plants are apt to run too much to vine before fruiting; and, also, if the soil gets too wet, stem rot may set in.

The best way we have found is to take a section (say) a foot square, and fill it with soil, using loose bricks to keep the soil from washing down. Then, when the plants have filled the soil with roots, the bricks can be moved back, and more soil added as it is needed.

The temperature should never fall below 60 at night, with a rise of 15 to 20 degrees by day.

The main factor of success in growing cucumbers is to never let the plants receive the slightest check from the time the seed germinates.

To produce a crop of fruit on the White Spine, the flowers must be artificially pollinated. This is easily accomplished; the only thing being to determine the difference between the male and female flowers, and transfer the pollen from the one to the other. The female flower is easily distinguished from the male by the embryo fruit at its base. Some large growers put a hive of bees in the house to insure fertilization of the flowers.

When the plants have made a good top growth, the tip should be pinched out, to induce lateral growth, which is where the fruits will show. Do not let the lateral growths get all crowded together, but pinch out any unnecessary wood.

For a support for the plants on side benches wires can be run the long way of the house, and kept down a foot from the glass. Growers that make a business of cucumber-growing have no benches, but plant out on the floor of the house, and



The Parterre at Lincoln Park, Chicago.

have a wooden trellis to support the plants. If only a few plants are needed, they can be grown in pots and trained up anywhere.

Red spider is perhaps the worst enemy to contend with; but, if the plants are kept well syringed, and the atmosphere and ventilation right, spider will not be troublesome. If green fly appears, a very light fumigation on several successive evenings will dispose of it.

If Subscriber only wants to grow a few plants for private use, I would certainly recommend him to grow the Telegraph. With this type, fertilization of the flowers is unnecessary, the fruit, in fact, coming much better and straighter without it; and, as before stated, the flavor is superior. CHAS. H. TOTTY.

BEDDING.

The accompanying engraving is from a recent photograph of the parterre at Lincoln Park, Chicago. Among the combinations seen in the bedding here this summer are the following:

Egandale cannas bordered with the yellow variegated trailing abutilon, Chicago cannas bordered with yellow celosia, Crozy cannas bordered with Abutilon Souv. de Bonn, Florence Vaughan cannas bordered with rose geraniums, mixed cannas bordered with rose geraniums and a ricinus in center, red geraniums bordered with variegated thyme, pink geraniums bordered with santolina, cocks-combs bordered with *Pyrethrum aureum*, vincas bordered with *Pyrethrum aureum*, heliotrope bordered with red achyranthes, ageratun bordered with yellow alternantheras, Begonia Erfurtae bordered with Begonia Schmidtii, vincas bordered with Begonia Schmidtii, Begonia Erfurtae bordered with ageratun, *Caladium esculentum* with *Agave Americana* in center and bordered with *Aralypha Macfarleana*, Abutilon Souv. de Bonn and red alternantheras; *Aralypha Macfarleana* bordered with Abutilon Savitzii, phoenix in center, crotons interspersed with *Aralypha Macfarleana* and *A. Sanderi* and bordered with a row each of Abutilon Savitzii, red alternanthera and yellow alternanthera.

There are also beds of verbenas, petunias, etc., without borders. Among the cannas Egandale is still the most effective.

CANNAS AT THE PAN-AMERICAN.

It may be of some practical value to your readers were I to give them a brief description of the cannas exhibited here, which include most of the older standard sorts as well as several of recent introduction. I have chosen first the exhibit by F. R. Pierson and will follow next week with those of other exhibitors.

"Tarrytown" was raised by Luther Burbank and introduced by Mr. Pierson three years ago. It is a brilliant carmine crimson, very early and a continuous bloomer, medium to dwarf in height. There seems to be scarcely any variety giving us the same quantity of flowers. A large bed of it here now is a brilliant mass. I consider it one of the most indispensable of all cannas.

"Pierson's Premier," intermediate in color between "Queen Charlotte" and "Souv. de Antoine Crozy," the center of the petals being much deeper and richer than Queen Charlotte with a narrow gilt edge. It is of dwarf habit and very desirable.

"Black Beauty" is undoubtedly the handsomest of all dark leaved cannas; foliage large and massive with the finest rich bronze purple color. It is decidedly tall and the most handsome of all dark cannas where a large mass of its effective color is desired.

"Mrs. Kate Gray" is a deep orange; a tall grower, very free bloomer and the largest flowered canna that we have yet seen.

"Secrétaire Chabaune," deep salmon suffused with silver, very free bloomer, medium height.

"Robert Christie," orange scarlet, almost identical in color with "Chicago" but rather a taller growth and very free bloomer.

"Sam Trelease" is well known. It is with us this year doing very finely. Vivid scarlet in color; base of petals bright golden yellow. With us, in height

a little more dwarf than the old Mme. Crozy.

"Souv. de Mme. Nardy," bright golden yellow heavily spotted with scarlet. Flowers individually larger than Florence Vaughan; a tall grower.

"Crimson Bedder," bright crimson scarlet; a very early, free bloomer and quite dwarf. Very desirable canna where a dwarf of bright color is wanted.

"Duke of Marlborough," very dark, rich, velvety crimson and a tall grower.

"Michel Favrechon," bright orange shading to carmine. A very strong grower.

"Mlle. Berat," dark carmine pink. Tall grower and a remarkably free bloomer.

"Rosemawr," a rich shade of soft, rosy pink suffused with deep rose. A dwarf grower and free bloomer.

"Philippe Rivière," bright scarlet mottled with carmine; a very distinct variety; tall grower.

"L. Patry," orange; dwarf; very large grower and large truss.

"Alsace," This variety is the nearest to a white that we have seen. Very free and distinct. Medium in height.

"Souv. de Antoine Crozy" is so well known that it needs no description from me. Possibly the best of all gilt edged varieties. Its intense scarlet bordered with a golden yellow is so attractive and it is also so free. Grand grower and medium to tall in height.

Speaking of height, cannas vary much according to the season, soil and culture. Our soil is a heavy clay loam but well enriched with manure. The highest culture has been given them in the way of copious waterings followed by a good hoeing.

What a blank a flower garden would be nowadays without these gorgeous cannas. WM. SCOTT.

TIME is money. Save it by consulting our classified ads, when in need of stock. You will find all the best offers there, and will find them quickly and easily.

READERS will confer a favor by sending in items of trade interest.

BOILER AND PIPING.

What boiler capacity do I need to heat the following houses: One 20x162 feet, 12 feet to ridge, south side 4 feet, all glazed; one 11x100, banked up on both sides to plate; one 18x63, connected to large house, 10 feet to ridge, sides boarded?

Are six 1½-inch returns and one 3-inch flow sufficient piping to keep the first house (20x162) up to 60 degrees in zero weather, and what difference would one more 1½-inch return make? F. W. Maryland.

In answer to F. W.'s inquiry as to capacity of boiler necessary to heat the three greenhouses described, I would advise a boiler, if manufactured especially for greenhouse purposes, having a rated capacity of maintaining 60 degrees night temperature in houses having 8,500 feet of exposure, but if based on a dwelling heating rating, one having a capacity for 2,900 to 3,000 feet of radiation. In proportioning the heating surfaces in the greenhouses, provision should always be made for the coldest night experienced in your vicinity, and as zero weather is not unknown in your town, I would advise at least one foot of radiating surface to every three square feet of glass exposure, or if you are willing to force fire a little during the few extremely cold nights you experience, you may reduce the ratio of heating surface to one foot for every 3½ feet of glass exposure. H. W. GIBBONS.

New York.

PIPING.

How many runs of 2-inch pipe would it take to heat to 65 degrees a palm-house 70x24, three-quarter span. Would it be advisable to use three 1-inch returns to one 2-inch flow? I have plenty of 1-inch pipe. F.

Assuming the house to be of the usual proportions, having about 31 feet of glass exposure in cross section, I would suggest the use of 20 lines of 2-inch pipes to produce a temperature of 65 degrees. It would be possible to use the 1-inch pipes he refers to, for returns, but I would not advise them, unless he has an unusually deep boiler cellar, as the friction in the 1-inch pipes is so great as to materially retard the circulation under the ordinary greenhouse conditions of boiler cellars, which place the top of the boiler nearly on a line with the circulating pipes. H. W. GIBBONS.

New York.

BOILER CAPACITY.

What capacity of boiler do I need to heat 2,800 square feet of glass to 60 degrees in zero weather? What style of boiler is best in case I later wish to increase the amount of glass? Will a sectional boiler enable me to increase my boiler capacity at smallest expense?

How many 4-inch flow pipes and how many 1½-inch returns will I need? Pennsylvania. E. K.

In reply to the inquiry of E. K. relative to hot water boilers for the heating of houses containing about 2,800 sq. feet of exposed glass to a night temperature of 60 degrees, I would suggest a boiler, if made by parties whose chief business is greenhouse heating appliances, having a rated capacity of at least 1,100 feet of

radiating surface, but if of a pattern manufactured principally for dwelling heating, one having a rated capacity of 1,500 feet of radiating surface.

If you do not contemplate enlarging your glass area there would be no special need of a sectional boiler, but if you have any idea of extending in the future, I would suggest a sectional boiler, which can readily be added to without displacement of the original boiler and one in which any section can be removed easily at any time without disconnecting and displacing the whole boiler.

One 4-inch main will readily feed 1,500 lineal feet of 1½-inch pipes.

New York. H. W. GIBBONS.

PHILADELPHIA.**The Market.**

August has been a very wet month and a very good month in the cut flower market. Business is quieter than it was a week ago; rather more dull hours between the busy ones. Beauties have fallen off a little in price; \$2 per dozen is about as high as they go, and pretty fair ones can be had at \$1.50 per dozen; short Beauties don't sell very well. Other roses are better in quality the cool, dark weather gave them a chance to develop; at about the same prices as quoted last week. Bridesmaids are sometimes in short supply at \$3 and \$4 per 100. Carnations are a trifle more plentiful, though that is probably a misleading term, as there are not many about; \$1 is asked for outdoor stuff and \$1.50 for indoor.

Asters are on the wane. Some growers have finished cutting, while others are right in the midst of their Supplies. The best valley is fine at \$4 per 100. Leo Niessen has some very fine stock from Carl Jurgens of Newport, R. I. The best grade of this valley has brought \$4 per 100 all summer and sold out cleanly. *Hydrangea paniculata grandiflora* is seen in quantity; selected long stemmed flowers bring as high as \$5 per 100 in limited quantities, while the poorer stuff doesn't move well at \$2 and \$3 per 100. Job lots of this flower are not infrequently seen. *Smilax* is scarce at 12 and 15 cents per string.

Various Items.

Henry F. Michell has returned from a two weeks' trip through New York and Canada. He spent a few days at Buffalo and speaks enthusiastically of the landscape effects at the Fair, which he says far surpass the Columbian Exposition. (Please bow, Mr. Scott.) Mr. Michell spent most of his time among the pea growers of northern New York and in Canada and reports the crops in fine shape for next year's seed. One very fine Canadian, considered both by the grower and Mr. Michell to be of unusual merit, was purchased. It will be sent out next season, probably under the name of "Michell's Special Extra Early."

J. J. Styer, of Concordville, is sending in some nice outdoor carnations. Mrs. Fisher and William Scott, to William J. Baker.

Mr. James Forbes, of Portland, Ore., who was here last week, says there is a good demand for flowers in his city, but that the florists must depend on themselves for the supply, as the wholesale markets are so far away.

Willow Grove Park is playing a part in educating our people in the love for plants and flowers. The effects are, as a rule, good, though here and there are seen combinations of color or material that would worry Mr. McMillan, could he see them. The extreme neatness and cleanliness seen everywhere are remarkable, considering the number of persons who visit the place.

The cannas were excellent when I saw them, one bed being a sheet of bloom. The geraniums and sage made rich effects; the beds being set off by velvety grass. The large urus and rustic boxes about the casino and lake are very showy. Near the casino were two fine croton beds and beds of coleus of standard varieties. David Joyce, who for many years had charge of the Carpenter place at Germantown, is in charge and deserves great credit for the way he has developed floriculture at this popular resort. Phil.

ST. LOUIS.**Various Items.**

The situation is about the same as reported last week. The dry spell is still with us. Although we have had several light rains they were not enough to be of much benefit to the already suffering outdoor stock.

Quite a lot of roses of all kinds came in the past week, especially short Beauties and some fine long-stemmed ones, but as trade is slow they sold cheap. Signs displayed in downtown store windows read "American Beauties with long stems, \$1 per doz." Other roses sold all the way from \$2 to \$4 per 100.

Carnations are looking somewhat better, but are still very small and are selling at \$1 per 100 for poor stock; anything good goes up to \$2.

The retailers missed the hardy hydrangeas this year, as they all burned up from the heat and dry weather. Mr. Sanders reports that he alone lost over 500 plants this year.

Asters from the east are selling well, as they are large and of good color. They bring \$1.50 per 100 and some fine ones sell at \$2. Home-grown asters are very small and sell for little or nothing. *Smilax* is about cut out and asparagus takes its place just now.

Walter Mott, representing H. A. Dreer of Philadelphia, was in town in the interests of his firm. Walter is booking plenty of orders since the convention.

Charles Ford, who represents A. Herrmann of New York, called on the trade last week.

Mr. and Mrs. Fred C. Weber spent a week at Oakville, Ill., for the benefit of Mrs. Weber's health.

John W. Künz is back at his post at Berning's after a ten days' vacation.

Willie Sanders is back in the employ of Henry Berning.

Arthur Ellison got back from the convention after visiting Chicago. Arthur says he called on Ed and Phil while in Chicago.

Beyer Bros. were busy all of last week decorating for the Schwenken Fest at Concordia Park, which took place Sunday and Monday of this week. The decorations were finer than ever this year and were the chief attraction.

The next meeting of the Florists' Club will be held on Thursday afternoon, September 12, at 3 p. m. President-elect Meinhardt and President Guy would elect any member of the club to be present to witness the installation of the

new officers. Other important matters will come up at this meeting. Max Herzog will be back to tell us of his trip abroad, and those who attended the convention will tell the members of their experiences and how the beautiful Pan-American was handled by Brother Scott. This will be a very interesting meeting, and those present will not regret having attended. Secretary Schray will also have something to say which will be of great benefit to the younger members of the club.

Bowling.

The florist bowlers who are to make up a team to join the big St. Louis Ten-Pin League, now being formed, held a meeting to select their team. The bowlers present were: A. Y. Ellison, C. A. Kuehn, J. J. Bencke, C. C. Sanders, Carl Beyer, F. M. Ellis, Theo. Miller and Wm. Adele.

J. J. Bencke was elected captain of the team and A. Y. Ellison representative of the club to the League meetings. The following will make up the team: J. J. Bencke, A. Y. Ellison, C. A. Kuehn, Jas. W. Kunz, C. C. Sanders, Wm. Adele and F. M. Ellis. This team will roll each week during the season of the League and five members make up a team. Before the meeting a few games were rolled and the scores were as follows:

	1	2	3	Total
A. Y. Ellison	112	175	192	207 717
J. J. Bencke	126	172	156	156 550
C. A. Kuehn	148	154	...	202
C. C. Sanders	125	148	...	273
Carl Beyer	108	134	101	343
Wm. Adele	131	167	134	432
F. M. Ellis	169	165	128	462
Theo. Miller	119	75	100	89 274

This is the first rolling the boys have done since the convention and they were a little rusty. A. Y. Ellison being the only member in form, rolling the last three games without a break.

J. J. B.

CHICAGO.

The Market.

The supply of roses has shortened somewhat on the average and prices are up to \$4 and \$5 for the best, while a very few extra Kaisersins have brought as high as \$6. The great bulk of the cut, however, still ranges from \$1 to \$3. The supply of carnations is equal to demands and prices still range from \$1 to \$1.50 for select. Rates on the poorer grades are lower and we hear of some clean-up sales at as low as 10 cents a bunch. There is sufficient demand to take all good stock except asters and gladioli. Aster sales still average good, though, where the quality is first class, and these bring \$1.50 per 100, with some sales of extra select at as high as \$2. The poorer grades are more unsalable than before.

In roses the pink ones are scarcer than white, quite a change from a short time ago, when white had the call. Beauties are improving in quality steadily and there are now more of the \$2.50 grade offered. Liberty holds its position well and good blooms bring \$8.

Trade conditions in general continue excellent for the season and the summer will certainly average the best ever known in this market.

Various Items.

The Harms Park Floral Company is sending a splendid lot of asters. They have a field containing about 40,000 plants in which there were few misses, and from which they are cutting an immense crop of fancy flowers. Their best flowers are from "Carlson's Improved," introduced last season by Mr. D. S. Heffron of Washington Heights. It is a great advance in asters, the flowers resembling fair sized chrysanthemums and the plant is wonderfully robust and pro-

ductive. They placed the plants 15 inches apart in the field, but found they had not given them enough room. Next year they will plant them 18 inches apart and omit every fifth row. They come in three colors—white, pink and light lavender. They also grow Sample's Shell Pink, Giant Comet and Vick's Daybreak and Purity. The latter is a good white, but Daybreak is too light a shade of pink to take well in the market, and they will not grow it again.

They have dropped the growing of tulips for forcing at Klehm's Nurseries. There generally came a hot spell after the blooming season and the bulbs didn't ripen well enough for forcing purposes, though they were all right for blooming out of doors. They lost about all of their Liliun longidorum bulbs. They did well for several years, but one season they pretty nearly all disappeared. They still grow their valley pips and find it profitable, though at one time were so discouraged they were about ready to give it up.

Their greenhouses are now almost wholly in American Beauty roses. They have 6,500 plants bonched for this season. All they have aside from the Beauties is one house of Brides and Maids and two houses of carnations.

W. W. Barnard & Co. have received a large shipment of Japan longidorum, the bulbs arriving several weeks earlier than usual. This was arranged for so that growers would have a good start in getting the flowers in for Easter, which comes early next year.

Among recent visitors were Mr. James Forbes, of Martin & Forbes, Portland, Ore., and Mr. B. Eschner, of M. Rice & Co., Philadelphia.

McKellar & Winterson recently received a shipment of 18,000 calla bulbs, their second shipment this season. The stock came through in fine condition.

Bentley & Co. are beginning to receive Beauties from their new establishment at New Castle, Ind., and they are of excellent color and texture. The New Castle soil certainly has some special virtue in it.

J. A. Budlong is spending a few weeks in Riverside, R. I.

Kennicott Bros. Company offer special premiums at the fall show of the Horticultural Society for Irene carnations, as follows: Best 50 blooms, \$6; best 25 blooms, \$3; best 15 blooms, \$1.

A. Iraison has reopened his store at 588 East 43d street, having returned from Texas and Oklahoma, bringing with him specimens of asphalt and similar souvenirs.

A meeting of the bowling club will be held this (Thursday) evening at 8:30 at McKellar & Winterson's.

NEW YORK.

"Nothing doing" would almost cover this section this week. Everything is dull, even to people and the weather. Better send us another bundle of the issue containing photos of the bowlers at Buffalo. Every one is speaking in praise of it; copies were at a premium in New York. The wives and sweethearts of all the boys shown have swooped up all the papers, so send us a few more.

Mostly all those who went to Europe have returned after leaving a good many American dollars on 'tother side.

The market is exceptionally inactive this week. There will be a little splutter shortly in the way of a few plants for

the store windows. Things have got to be made to look a bit business-like about September, even if there be no trade worth the mention till November.

Small will shortly open a store on the Thirty-third street side of the Waldorf-Astoria; it will be pretty and a good business stand. In the moving of Siebrecht & Son's store, at Thirty-seventh street and Fifth avenue, one can see the passing away of one of our old florists' landmarks. That corner was made famous by Hodgson, then the present owners, who will do business the coming season in their new store at the Windsor Arcade, at Forty-seventh street.

Florists' bowling clubs will no doubt be numerous in this vicinity next winter, sufficient in number to have a tournament of their own. We have so many crack bowlers here and the sport has got to be so popular that the next national tournament may see many clubs from these parts.

Out at Flatbush last Thursday night there was a jolly party, and the fun could not be measured. The Dailledouze Bros. offered one of their fine Telegraph cucumbers as a prize for the one rolling the highest score in one of the first two games. D. Y. Mellis was the lucky man, with a score of 173 in the first game.

A most pleasing incident occurred at the close of the evening's sport. Eugene Dailledouze, with a few congratulatory remarks on behalf of the Flatbush Florists' Bowling Club, presented Carl Woerner with a handsome silver water pitcher, suitably engraved, as a token of their esteem. Mr. Woerner was married to Miss Mamie Purcell, of Charleston, S. C., on Aug. 6. He is well known and appreciated among the craft in this section and all wish him much happiness.

The proprietor of the alleys offered a very handsome ball as a prize to be rolled for by the New York and Flatbush teams, and the match will probably take place on the Flatbush alleys on Thursday evening, Sept. 5, when a good crowd of rooters will no doubt assemble to encourage things. The scores on last Thursday were:

Riley	156	145	150	Mellis	173	145
Raynor	102	156	170	E. Dailledouze	158	128
Siebrecht	120	119	143	P. Dailledouze	157	117
Schmutz	159	113	146	H. Dailledouze	119	111
Woerner	166	117	141	Woerner	117	81
Donlan	131	108	115			

J. I. D.

BOSTON.

Trade Items.

Hold up just one moment, Mr. Editor. Before you go to press let me enter my little wail from Boston. Never was the business in worse shape here. But little good material coming in of any kind and but little call for it. Quite an amount of poor material of all kinds coming in and but little demand for that. The effect on prices needs no description.

Money is awfully scarce, too, noticeably small change. If a man bargains with a salesman for a dollar's worth of goods for 35 cents, he invariably shows up a V or an N, if he offers to pay at all. Now, there must be a vein of philosophy in such a situation as that, and I think it is this: The buyers have got out of floating capital and gone into their old stocking after one of the bills they pickled down last winter for just this kind of a situation.

I heard this kind of an argument, too,

the other day as a reason why so few goods are being sold. The street men used to buy all they could get at their own price, but now most of them will only take a very limited portion at any price whatever. There must be philosophy in this, too, if true, but I am sure I do not know what it is.

Another feature of the game, too, is the rapid increase in need of delivery wagons. Customers demand delivery of smaller purchases right along and street cars keep curtailing their accommodation in this respect. Martin E. Tuohy, James M. Tuohy, J. W. Newman and F. W. Fletcher are among those to bring out new teams for this purpose.

It is a good scheme to keep the date of the second Saturday in September in mind as the time for auction sales of stands at the Park Street Market.

Massachusetts Horticultural Society.

The annual exhibition of plants and flowers and the annual exhibition of fruits and vegetables will be held in connection with the chrysanthemum show on the 5th to 8th of November, provided that the building shall have been accepted by the society before that time, and the exhibition scheduled for Saturday, Sept. 14, will be omitted.

J. S. MANTER.

INDIANAPOLIS, IND.

Trade Notes.

There is little doing in the way of business and very little stock to do business with. All the old roses are thrown out and few of the young ones are strong enough to cut from. Carnations are just being replanted and only outside blooms are to be had. In spite of the dry summer and the smallness of the plants in the field nearly every grower around here is planting from two to four weeks earlier than last year. Many had to put two and three plants together to make a fair-sized bunch and consequently most of them had to buy some to fill up the benches.

Last week we had a good rain and for several days it rained at least a good shower each day, and now the ground is moist through again and everything outside is growing luxuriantly. Many plants and shrubs that were thought dead are pushing out new shoots as though it were spring time. The damage done by the drouth will not be so great as expected, the greatest loss being this season's crop of blooms of all midseason flowers.

All the convention people are back and all speak well of Buffalo and the Pan-American. The writer was there earlier in the season and could see then what a grand place it would be by this time. No one, however, seems very enthusiastic over the idea of going to Asheville next year, but by the time another year rolls around there will be a few who will have the convention fever and whether it is Asheville, Milwaukee or Chicago will make little difference as long as a good time is promised.

A severe hail-storm passed over this city today just at noon and in a few parts it is said to have been terrific, some of the hailstones being as large as quail's eggs. As far as we could learn none of the greenhouses were damaged. None of them happened to be in its path, which seems to have been a narrow one.

Baur & Smith have bought two and

one-half acres of land one square west of their present location, on which they intend building a range of houses in the near future. Mr. Baur is erecting a residence on part of it at present.

A. Palud is also erecting a fine residence on his place.

F. S. Smith is happy over the arrival of a fine baby girl at his home. Both mother and baby are doing well.

Will Bertermann is not improving as rapidly as his friends would like to see, but we hope to soon have him among us again.

E. A. Nelson has his new houses under glass and is finishing up planting. It is certainly a nice range of houses and gives him a nice lot of room.

A. F. J. RAUB.

WATER SUPPLY.

Is there a steam pump on the market for pumping water direct into pipes for watering in greenhouses? If so, what kind is the best? Is it necessary to have a governor on same to regulate pressure? How large a pump would be required to supply water for five houses, each 20x100, and for irrigating an acre of ground in summer time? How large a well is required and what size suction pipe? What kind of valve should we use to keep high pressure of steam (necessary to run pump) from running through greenhouses? L. S.

[Will some reader kindly supply the desired information and oblige.—Ed.]

RIDGEWOOD, N. J.

The Hon. Peter I. Ackerman, who secured the passage of the act under which the Florists' Hail Association was incorporated, died at his home here on Saturday, the 17th instant, after a few weeks of severe illness. Mr. Ackerman was highly respected and honored by all who knew him.

SANTA CRUZ, CAL.—A free exhibition of flowers was held in the Library August 16. The display was large and varied and the Library was crowded during the afternoon and evening. Many summer visitors are here now and the show gave them an excellent opportunity to inspect the products of local gardeners.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired and the advertiser to be prominent. Over 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—By young man 21, as assistant gardener or take charge of small private place; sober and industrious; four years' experience; will answer all letters. James Courtney, Geary, Oklahoma.

SITUATION WANTED—By a young man 22; 7½ years' experience in general greenhouse work; private or commercial. Wm. James Ellerd, care Palace Hotel, Cincinnati, O.

WANTED—At once, experienced greenhouse man. Plant has 3,000 square feet of glass. State wages and full particulars. Married man preferred. Address T. H. Harvey, Sec'y, Marshall, Mo.

WANTED—Market gardener, to work place on shares. German, but must speak English; married man preferred. Write to caretaker, A. A. Harber, 1724 E. 6th Ave., Mine Bluff, Ark.

WANTED—At once, general assistant; must be strictly sober and industrious; send references from last employer; steady work for the right man. Address Peter Fisher, Ellis, Mass.

FOR SALE—300 ft. 4-in. pipe at 8c per foot; good condition. T. L. Metcalfe, Hopkinsville, Ky.

FOR SALE—World's Fair chance; old established, well located, paying floral business in St. Louis; Mo.; splendid chance for practical florist; thorough investigation solicited. No. 1004 Union Trust Building, St. Louis.

FOR SALE—65 boxes American glass, 16x24 double thick, second quality, never unpacked; bought more than I needed. What will you give? F. O. Whitesides, Columbus, N. Y. Rosemary Nurseries, Whitesboro, N. Y.

WANTED—600 ft. 2-in. pipe, 250 ft. 1-1/2 in. pipe and twenty-two boxes 16x16, two boxes 16x24 double strength B glass. T. B. Stroup, New Philadelphia, Ohio.

WANTED—September 16th, competent young man; designing, propagating, growing and selling flowers; honest, industrious; no other kind; \$5.00 a week and furnished room; an opening with a future for a hustler; furnish references. John R. Laws, Columbus, Miss.

WANTED—450 ft. of 2-in. pipe; guaranteed in good condition. Address Benson Bros., Newport, Ky.

SITUATION WANTED—By young man single; 7½ years' experience; capable of taking charge wholesale or retail place, or section of houses on large farm; investigation solicited. Address A. T. care Florists' Review.

FOR LEASE—3,500 ft. of glass in good college city of 1,000 population; good business; steam heat. Address C. K., care Florists' Review.

SITUATION WANTED—As florist and gardener. On some good private place where a sober, industrious young man is appreciated; 12 years' experience; references furnished; state wages without board. Address Y. P., care Florists' Review.

FOR SALE—Great bargain; dwelling, 1,400 ft. of glass; good trade, no competition; five color-glass; must be seen to be appreciated; other business. Address A. C., care Florists' Review.

FOR SALE—Two Hitchings boilers, Nos. 16 and 17. A. Claus, Springfield, Ill.

FOR SALE—Cheap; one Model boiler in good condition; only used two winters; should not be compared with old worn out boilers; will heat 5,000 ft. of 2-in. pipe; also a few hundred feet of oil pipe, 3/4 to 1 1/2-in.; 3 and 4-in. boiler tubes for heating purposes. Davis Bros., Morrison, Ill.

WANTED—Foreman for carnation section; married man. Wietor Bros., 31 Washburn Avenue, Chicago.

FOR SALE—Who wants them? One Hitchings No. 15, corrugated fire box boiler and one No. 16, condenser boiler; two Hitchings 100-gallon expansion tanks; all in good condition. \$1,000.00 cash. L. C. Holton, Bennington, Vt.

FOR SALE—Greenhouses in one of the best cities in Michigan; 11,000 feet of glass; good business; everything right; the price will scare you; must be sold on account of death. Address 50, care Florists' Review.

FOR SALE—some extra good second hand 3-in. pipe at 6c per foot; also some 4-in. guaranteed standard. W. H. Salter, Rochester, N. Y.

FOR SALE—The most profitable retail end flower store in the finest residence district of Chicago (Rogers Park); stock, ice box, equipment, etc.; price, \$300.00. Address A. B., care Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$4,000. Use of one or two acres adjoining houses free of charge. Address 25, care Florists' Review.

PANSY SEED GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade among the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package, 25¢; 1/4 oz., \$1.00; 1 oz., \$4.00, free by mail.

Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you. Seedsmen's orders not accepted. (CASH.)

A. Mitting, Loomis, Cal.

Mention The Review when you write.

SPECIAL OFFER OF ARAUCARIA EXCELSA

We are offering at the present time better values in **ARAUCARIAS** than ever before. Our stock consists of over 10,000 plants in various sizes, and florists requiring this line of plants for the coming season's trade will find it to their advantage to lay in their supplies now and gain the benefit of the Summer's growth.

ARAUCARIA EXCELSA.			Each
4-inch pots, 6 to 8 inches high, 2 to 3 tiers			\$0.50
5 " " " 10 " " " " " " "	3	3	.75
6 " " " 12 to 14 " " " " "	4	3	1.00
7 " " " 20 " " " 4 to 5 " " "			1.50
7 " " " 24 " " " 4 to 5 " " "			2.00

ARAUCARIA EXCELSA GLAUCA.			Each
5-inch pots, 8 inches high, 2 tiers			\$0.75
6 " " " 15 " " " " " " "	4	1	1.50

ARAUCARIA ROBUSTA COMPACTA.			Each
5-inch pots, 10 inches high, 2 tiers			\$1.00
6 " " " 12 " " " " " " "	3		1.25



ARAUCARIA EXCELSA.

Our stock of **Decorative Plants** is more complete than ever and is fully described in our **Mid-Summer Wholesale Price List**.

Our display at the recent meeting of the S. A. F. and O. H. was awarded the **Silver Cup** offered by the **Buffalo Florists' Club** for the **Best and Most Complete Display**.

We have a large stock of these plants and can duplicate any that were exhibited. Florists will do well in anticipating their wants and placing orders now while we have a full line of sizes, and while weather will permit shipments of nearly all lines of stock by freight, at low cost of transportation.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

Mention The Review when you write.

CLEVELAND.

News here at the present time is rather scarce; there seems to be nothing of especial note.

Bates Bros. report carnations all in. They will keep their roses over another year, and are building a new house for violets.

Fred Aul and Peter Probeck are getting in carnations as fast as they can. The first named is contemplating some changes in his houses.

We have been having some very fine weather for lifting carnations, and some of the growers are taking advantage of it. Quite a good deal of rain and the days are mostly cloudy, so the plants wilt scarcely any.

Market for cut flowers now is very slow, there being very few roses or carnations and most of the stock is of rather poor quality, but enough, such as it is, for the demand. The aster crop is now in full blast, and some very fine flowers may be seen in the different florists' windows and at the stands in the market. The price varies, according to quality, from 50 cents to \$1.25 per hundred.

There are some complaints about the aster bug, but they have not become general as yet. There seems to be some favored localities around here, where the bug never appears, and others where they sweep everything in the shape of flower or bud before them. TENEP.

ROCHESTER, MINN.—H. Roeder & Son, who recently purchased the greenhouse business of Williams Bros., have repiped the greenhouses and have put in a new 20-horsepower boiler.

WATERLOO, N. Y.—Smith & Kuncy have completed another new greenhouse and have stocked it with palms, ferns and begonias.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Burpee's Seeds Grow

THE E. G. HILL CO.
Wholesale Florists,
RICHMOND, INDIANA.

GERANIUMS AND VIOLETS.

Mars, 2½-inch, big stock, \$3.00 per 100.
Best Bedding Geraniums, 2½-in., \$2.00 per 100, \$17.50 per 1000. Best Bedding Geraniums, Rooted Cuttings, \$1.50 per 100, \$12.50 per 1000.
Violets, strong field grown, \$4.00 per 100.
*Terms cash or C. O. D.

GREENE & UNDERHILL,
WATERTOWN, N. Y.

Violets. Orders booked now for field-grown "Imperial." This is choice stock, 2½-inch pot plants at usual rates; all varieties.

"Irene." Field-grown Plants, Ready now.
Write for Carnation price list.

CRABBS & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.

Order Now for Fall Delivery.

PÆONY ROOTS

Large Field Clumps . . . \$25.00 per 100
Strong Divided Roots . . . 30.00
Pink, White, Crimson, Red.
CHICAGO PÆONY FARMS, - - JOLIET, ILL.

PÆONY ROOTS!

Great Bargain! At 1c per stem, as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red. Orders filled in rotation received.

BRANT & NOE, Forest Glen, CHICAGO, ILL.

PÆONIES In eight distinct named kinds, selected especially for florists' use. Very low by the 100, 500 or 1000. Three distinct whites—early, medium, late. Must be sold as ground is needed for other purposes.

F. A. BALLER, Bloomington, Ill.
Mention The Review when you write.

SAMUEL S. PENNOCK,

WHOLESALE FLORIST,

American Beauties and Valley ^{Our} Specialties.

Commencing June 24th and continuing during the summer months will be open from 7:30 a. m. to 6:00 p. m.

Also White Roses and Asters.

1612-14-16-18 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

DETROIT.

Various Items.

The Detroit delegates to the convention are all well satisfied with the trip to Buffalo and feel well repaid for going. Nothing has been printed in the trade papers about the bicentennial celebration of the founding of Detroit, on July 24 to 27, inclusive; but we did have a rousing celebration nevertheless, ending with a floral parade, in which some of our representative florists took an active part, Messrs. Breitmeyer, Schroeter and the Detroit Floral Company entering floats which would compare favorably with any of those in the California flower festivals.

Mr. R. Watson is rebuilding his entire plant, having bought the cypress material of Gibbons & Co. while in Buffalo.

At the annual meeting of the club on Wednesday, August 21, the following officers were elected for the coming year: George A. Rackham, president; F. Holz-nagle, vice-president; J. F. Sullivan, secretary; B. Schroeter, treasurer.

It was decided to have an outing for members and families on Saturday, August 31, to Bois Blanc Island, the boat leaving Wood avenue at 9 a. m. city time. There will be games, etc., and the club invites all florists within reach to join them.

Mr. Craw, representing Lord & Burnham Company, was a visitor at the club.

Mr. Rackham and Mr. Flowerday both go to Louisville, Ky., next week to attend the twenty-eighth triennial conv-ence of Knights Templar. Reg.

MILWAUKEE.

Business during August has been comparatively light compared with that of July. Outdoor stock, especially asters, is coming in freely now, but owing to the great shortage of carnations the asters move fairly well, especially the whites. Gladioli are not as good in quality as they should be and prices are ruling low. Sweet peas had a very short season and in fact were in the market but a few weeks. Roses are coming in better now and they move at good prices.

During a visit to the various establishments about the city the writer found all the growers stocking up their houses for winter business.

At the recent meeting of the American Ten Pin League C. C. Pollworth, the wholesale florist, was elected president. The membership of the League includes eight local clubs, one of which is The Bloomers, composed of florists. The Bloomers will rehearse regularly now so as to be in trim during the Chicago chrysanthemum show. P.

Waco, Tex.—Considering the long drought in our state, we having had no rain in two months, our plants look well, and we are working like beavers to prepare for our show in November. Mums are looking fine, roses also, and as soon as it rains will rush along to perfection.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2157.

CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES.

Write for Price List.

PITTSBURG, PA.

..Latantias..

Headquarters for PERFECT Stock.

WALTER RETZER & CO.,

2045-49 Clarendon Avenue, CHICAGO. (NORTH HALSTED STREET)

Special attention is drawn to the fact that the plants offered below are PERFECT, most of them having their seed leaves still attached, a proof in itself that the plants are grown properly. They are stocky, clean and of good color.

LATANIA BORBONICA.

	Per doz.	Per 100
5-inch, 5 to 7 leaves	\$5.00	\$40.00
6-inch, 6 to 8 leaves	9.00	70.00
7-inch, 7 to 9 leaves	12.00	90.00
8-inch, 9 to 12 leaves	22.00	175.00

KENTIA BELMOREANA.

	Per doz.	Per 100
4-inch, 6 leaves	\$5.00	\$40.00
5-inch, 7 leaves	9.00	70.00

ASPARAGUS FLUMOSUS.

2-inch	per 100,	\$5.00
3-inch	per 100,	8.00

ASPARAGUS SPRENGERI.

2-inch	per 100,	\$5.00
3-inch	per 100,	8.00

KENTIA FORSTERIANA.

	Per doz.	Per 100
4-inch, 4 to 5 leaves	7.50	60.00
5-inch, 5 to 6 leaves	7.50	60.00

...A... BARGAIN

in young

PALMS

for growing on. 3-inch pots.

	100	1000
Arca Lutescens	\$ 6.00	\$ 55.00
Corypha Australis	6.00	55.00
Latania Borbonica	5.00	45.00
Phoenix Reclinata	6.00	55.00
Phoenix Canariensis	5.00	45.00
Phoenix Lenensis	5.00	45.00
Kentia Belmoreana	15.00	140.00
Kentia Forsteriana	15.00	140.00

Out of 2-inch Pots.

	100	1000
Seaforthia Elegans	\$ 4.00	\$ 35.00
Livistona Rotundifolia	6.00	55.00
Caryota Ureus	6.00	55.00
Arca Sapidis	8.00	75.00

All of the above stock is absolutely clean and extra good value for the money. Will send a sample lot, one of each variety, on receipt of \$1.00.

J. B. HEISS,

The Exotic Nurseries, DAYTON, OHIO.

Are You Short

.....ON.....

GERANIUMS from 2½-inch pots. Bruanti (best semi-double scarlet), \$1.25 per 100; \$12.00 per 1000. S. A. Nutt (best double crimson); Frances Perkins (best double pink), \$1.50 per 100; \$15.00 per 1000. Mme. Salleroi, \$1.50 per 100.

ASP. PLUMOSUS NANUS, strong plants, from 2½-in. pots, \$2.75 per 100; \$25.00 per 1000.

ASP. SPRENGERI, strong plants, from 2½-inch pots, \$1.75 per 100; \$15.00 per 1000.

COLEUS: A choice collection of 15 varieties, strong 2½-inch, \$1.00 per 100; \$5.00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill. Mention The Review when you write.

PANSIES

WORTH RAISING.
GOOD SEED—AS USUAL.

3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

CHR. SOLTAU,

199 Grant Ave., JESSEY CITY, N. J.

Mention The Review when you write

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

CINCINNATI.

Various Notes.

Business was inclined to be a little slow last week. Greatly increased supply of aster and poor demand made the price decline considerably. The quality is not of the best, the stems incline to be short.

Roses cut from new plants are coming in nicely. Some of them are very good, but the majority are a little soft and bear shipment poorly.

A few good gladioli are coming in from the north. They bring 2 to 3 cents a spike.

E. G. Gillett received the first consignment of the season from Mrs. E. T. Grave, Richmond, Ind. It consisted of the first cut from their new carnation Dorothy. The flowers were first class in every respect and sold readily at 2 cents. This variety did remarkably well last year both as a grower and seller and from present prospects it will do equally as well, if not better, this year. Carnations are very scarce in this market at present, and those in evidence are of poor quality; 50 cents to \$1 is all they will bring.

The regular meeting of the Cincinnati Florists' Society will be held at the establishment of George & Allan, Oakley, Ohio, on Sept. 5, at 2 p. m. A schedule for the monthly shows to be held during the winter is to be mapped out. The payment of dues is also in order. The matter of a float for the fall festival parade will be discussed. Messrs. George & Allan especially request the ladies to be present.

At the exhibition of flowers and plants at the Hamilton County fair, held last week, Mr. J. T. Conger received fifteen first prizes.

J. A. Peterson and F. Ball are in Louisville, Ky., attending the national convention of Sir Knights, which is being held there this week.

Mr. and Mrs. Fred Gear are in the east. They will visit Atlantic City, New York and other eastern cities. This is Fred's annual trip to Atlantic City. He certainly likes the ocean.

Joseph R. Goldman, of Middletown, Ohio, is also visiting the east.

Richard Witters-taetter is adding a model greenhouse to his range. Dick expects to be in it at the carnation meeting at Indianapolis in February. He appreciates the fact that this will be the greatest carnation meeting ever held and is making extra efforts to show what he can do in the way of seedlings.

Paul Berkowitz, of H. Bayersdorfer & Co., is in this city. C. J. OLMER.

NEW LONDON, OHIO.—The firms of W. D. Chase & Son, of New London, Ohio, and G. W. Swanger, of Shiloh, Ohio, have been consolidated with the addition of six new houses at New London, Ohio, as the Chase-Swanger Company. They are growing greenhouse and vegetable plants for the wholesale trade.

FREONIA, N. Y.—David Scott, the florist, a brother of Wm. Scott, of Buffalo, is very low with Bright's disease and the doctors say there is no hope. He may have passed away by the time this is in print.

MERIDEN, CONN.—A. L. Hall has purchased the interest of Mr. Crawford in the firm of A. F. Crawford & Co., and will continue the business at the old stand, 37 New street.

E. H. HUNT

THE "OLD RELIABLE" FOR

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Calla Lilies, monster bulbs	1.00	1600
" 6-in. circumference	4.00	\$35.00
" 5-in. "	3.50	50.00
" 4-in. "	3.00	25.00
" 2 1/2 to 3-in. "	2.00	15.00
Narcissus, Paper White	1.00	7.50
Incomparable .....	.75	5.00

Send for price list of Japan Lily Bulbs: also Young Palms, California Grown Camellias and Araucarias.

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An extra fine strain of large blooming Pansies, young plants, ready about September 15th. 50c per 100 by mail; \$4.00 per 1000 by express.

Charles S. Dutton, Wholesale Grower of HARDY HERBACEOUS PERENNIALS,

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 Cash with order please.

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BEAUTIES, 3-inch, extra fine stock, \$6 00 per 100
MAIDS, BRIDES, GATES, METEORS, 3-inch, \$35.00 per 1000; 2 1/2-inch, \$18 00 per 1000; 250 sold at 1000 rates.
PERLES, 2 1/2-inch, \$2 00 per 100.

Have 25,000 good healthy plants, free from any disease, in fine foliage, that want to be henced. Its a pity to sell them for that money, but they have to go to make room and save rebanding. Orders sent promptly and satisfaction guaranteed.

MARQUESE LITTA, 500 3-inch, \$5.00 per 100; 300 2 1/2-inch, \$4.00 per 100.

POEHLMANN BROS. CO.,

MORTON GROVE, COOK CO., ILL.

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Extra fine plants on their own roots for winter forcing.

Bride, Bride-maid, Meteor,	
Kaiserin, Golden Gate, Perle,	
3-inch pots, \$7.00 per 100.	
4-inch " \$10.00 "	
3-inch pots	\$8.00 per 100.
4-inch pots	\$12.00 "

Grafted,

3-inch pots

3-inch pots

Our LIBERTY ROSES, both grafted and on their own roots, are in extra fine condition and perfectly healthy. **NO BLACK SPOT.**

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GALAX LEAVES, DELIVERED NOW FREE
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1600 Perles, 1900 Brides, 150 Liberty.

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Perle and La France Rose Plants

La France, 4-in. pot plants.....	\$10.00 per 100
" " " " " " " "	6.00 "
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Perle Des Jardins, 3-in. pot plants.....	5.00 "
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Bride-maid, 3-in. pot plants.....	5.00 "
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Sunset, strong cleau 3-inch stuff. \$5.00 per 100.

Also Brides and Maids same size and price.

CHARLES E. MEEHAN, Slocum and Mattingly Sts. Germantown, PHILADELPHIA, PA.

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2000 Bride Plants, 3 1/2-inch.	} \$20.00
1000 Meteor " "	
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All Fine Stock.

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Trade packages at \$1.00. Also plants of the above strains at \$5.00 per 1000 and \$10.00 for Fancies. They are equal to any that we ever sent out.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERA.

Red and yellow, \$1.00 per 100, \$5.00 per 1,000, cash. Geo. L. Miller, Newark, O.

ALYSSUM.

Double Sweet Alyssum, 3-in., \$4.00 per 100. Our stock has been frequently dipped and will give immediate returns. N. Smith & Son, Adrian, Mich.

AMPELOPIS.

Pot-grown Ampelopsis Veitchii, any size and quantity. F. S. Wiebe, New Rochelle, N. Y.

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ARAUCARIA EXCELSA. The best value we have ever offered in this plant. Pots. High. Tiers. Each. 4-inch 6 to 8 in. 2 to 3 \$3.50 5-inch 10 in. 3 3.75 6-inch 12 to 14 in. 2 1.00 7-inch 20 in. 4 to 5 1.00 7-inch 24 in. 4 to 5 1.00

ARAUCARIA EXCELSA GLAUCOA. Pots. High. Tiers. Each. 5-inch 10 in. 4 1.50 6-inch 15 in. 4 1.50

ARAUCARIA ROBUSTA COMPACTA. Pots. High. Tiers. Each. 5-inch 10 in. 2 \$1.00 6-inch 12 in. 3 1.25

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

ASPARGUS.

Asparagus plumosus nanus. Immediate delivery. 2 1/2-in. pots, strong, \$4.00 per 100; \$35.00 per 1,000.

Asparagus Sprengeri, 2 1/2-in. pots, strong, \$3.00 per 100; \$25.00 per 1,000.

Asparagus plumosus nanus, strong, 2 1/2-in. pots, \$3.00 per 100; \$25.00 per 1,000. Asparagus Sprengeri, strong, 2 1/2-in., \$1.75 per 100; \$15.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Asparagus plumosus nanus. Planted seedlings, \$3.00 per 100; \$25.00 per 1,000. Claus & Boddington Co., 342 West 14th St., New York City.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Sprengeri, 2-in., \$2.00, 3-in., \$3.00 per 100; 4-in., \$1.00 per doz. S. Whitten, 15-17 Gray Ave., Utica, N. Y.

Asparagus cormorensis, 3-in., \$10.00, plumosus, 3-in., \$4.00; Sprengeri, 3-in., \$5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Asparagus Sprengeri, 2-in., \$2.00 per 100. A. plumosus, 3-in. extra strong, \$5.00 per 100. Cash. Clark & Robb, 229 W. 18th St., Erie, Pa.

Asparagus PLUMOSUS NANUS. Cut strings 8 feet long, 60 cents per string. W. H. ELLIOTT, BRITTON, MASS.

Asparagus Sprengeri and plumosus, 2-in., \$5.00, 3-in., \$8.00 per 100. Walter Retzer & Co., 2045 Cleveland Ave., Chicago.

Asparagus plumosus nanus, strong 2-inch, \$3.00 per 100, \$25.00 per 1,000. The Storrs & Harrison Co., Fairville, O.

Asparagus, 2-in. pots, per 100: Sprengeri, \$2.00; plumosus, \$2.50. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus decumbens. Fine strong strings, 2 to 4 feet, \$2.50 per doz. Leopold Krupp, 282 W. Ravenswood Park, Chicago.

2000 Asparagus plumosus, fine, strong plants, 3-in., \$8.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, strong plants, \$3.00 per 100; \$25.00 per 1,000. The Chase-Swanger Co., New London, Ohio.

Sprengeri, 2-in., and plumosus nanus, 2 1/2-in., \$5.00 per 100. W. G. Kraber, New Bedford, Mass.

A fine lot of 3-in. Sprengeri at \$5.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Plumosus nanus, fine plants from 2-in. pots, \$5.00 per 100; cash, Vm. Keir, Pikeville, Md.

Fine Sprengeri and plumosus in 2 and 3-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus, 3-in., strong, 6c; 2 1/2-in., 3c. H. Steinmetz, Raleigh, N. C.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hills, Elkhart, Ind.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

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Azalea Amoena, one of the choicest hardy dwarf shrubs. Two-year-old, field-grown plants, \$25.00 per 100. From thump pots, \$5.00 per 100. 2 1/2-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list. BOBBINK & ATKINS, RUTHERFORD, N. J.

Azalea indica for October and November delivery. Let us book your order now. H. H. Berger & Co., 47 Barclay St., New York.

BAY TREES.

Bay Trees. Grand pyramids; dense dark foliage; exhibition plants; the finest in the trade.

	Diameter		
	Feet.	Feet.	Per pair.
With tubs 12	6	40.00	
With tubs 10	4	30.00	
With tubs 8	3	20.00	
With tubs 6	2 1/2	16.00	

Splendid Standards. Height of stem 3/4 and 4 feet.

Diam. of head, 4 ft., per pair, \$25.00.
Diam. of head, 3 1/2 ft., per pair, \$20.00.
Diam. of head, 2 ft., per pair, \$12.00.
Diam. of head, 1 1/2 ft., per pair, \$8.00.
Cash or good references with order required.
Write for catalogue of other sizes.
De Smet Favers, The Nurseries, Ghent, Belgium.

BEGONIAS.

Begonias Thurston and A. Gutta, 2 1/2-in., 60c per doz.; 3-in., \$1.00 per doz. Carmel, 6c per doz. Cash. A. J. Baldwin, Newark, Ohio.

Begonias in best varieties, 2-inch pots, \$2.00 per 100. Tuberous rooted, good stock, \$5.00 per 100. Satisfaction guaranteed. Cash with order. Geo. L. Miller, Newark, O.

Elegant 3-in. stock of Begonia Rex. Fifteen varieties, best to shift at \$10.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

Begonia Rex, in good assortment, from 2 and 3 1/2-in. plants, \$2.00 per 100. Cash with order. J. E. Jackson, Gainesville, Ga.

Begonias, 2 1/2-in., 10 varieties, ready for 4-in., \$2.00 per 100. E. G. Bunyar, Independence, Mo.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1,000. Cottage Gardens, Queens, N. Y.

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Christmas peppers, very strong 4-inch, fit for 6-inch, full of fruit and blossoms, \$10.00 per 100. Cash. John J. Connelly, Bryn Mawr, Pa.

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Bougainvillea glabra Sanderiana in 4-in. pots, good stock, \$1.00 per 100. Cash with order. Robert L. Dunn, St. Catharines, Ontario.

BULBS.

Calla lilies, monster bulbs, \$7.00 per 100; 6-in. circ., \$4.00 per 100, \$35.00 per 1,000; 5-in. circ., \$3.50 per 100, \$30.00 per 1,000; 4-in. circ., \$3.00 per 100, \$25.00 per 1,000; 2 1/2-in. circ., \$2.00 per 100, \$15.00 per 1,000.

Narcissus, Paper White, \$1.00 per 100, \$7.50 per 1,000. Incomparable, \$1.00 per 100, \$5.00 per 1,000. Send for price list of Japan Lily bulbs; also young palms, California-grown callimas and araucarias, F. Ludemann, San Francisco, Cal.

Bulbs, Planta Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

LILIAM HARRISII, extra fine stock, 2x7, 12, 60c; 10x, \$1.25; 7x9, 12, \$1.25; 10x, \$3.50.

PIETESIA, extra refracta alb., first size, 10c; doz., \$1.00; \$3.00; extra size, 10c; doz., 1.00; \$3.00.

ROMAN HYACINTHS, early white, 11x15, 12, 20c; 10x, \$2.00; 12x18, \$3.00; 12x12, 35c; 10x, 25c; 1.00x, \$21.00, in color, rose, blue or red, 12, 25c; 10x, \$1.75; 7x9, \$1.00; 6x9, 50c.

PAVIA, extra fine, true giant flowering stock, with extra large trusses, 12, 15c; 10x, 85c; 10x9, \$7.50.

LITHUM CANDIDUM, large bulbs, the strong petal kind, 12, 75c; 10x, \$5.00; 1.00x, \$15.00; medium bulbs, 12, 60c; 10x, \$4.00; 1.00x, \$10.00.

CALLA ETHIOPIA, 3x5, 12, 60c; 10x, \$4.00; 1.00x, \$35.00; 4x6, 12, 75c; 10x, \$5.25; 1.00x, \$50.00; 5x7, 12, \$1.00; 10x, \$7.00; 1.00x, \$60.00; 7-inch to monster, 12, \$1.50; 10x, \$10.00.

CYCLAMEN per gig., strong bulbs, brilliant colors, 12, 85c; 10x, \$5.00.

LONGIFLORUM, Japan-grown, 5x7, 12, 40c; 10x, \$2.00; 1.00x, \$17.50; 6x8, 12, 50c; 10x, \$2.75; 1.00x, \$25.00; 7x9, 12, 50c; 10x, \$3.00; 1.00x, \$30.00; \$20.00; 12x15; 10x, \$5.00; 1.00x, \$35.00. THE TRUE LONGIFLORUM multiflorum 10 per cent higher.

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First shipment of Japan-grown Longiflorum. Buy now and plant for next spring flowers.

8 to 9 in., \$2.75; 10x, \$25.00; 1.00x, \$7.00; 7 to 9 in., \$4.00; 10x, \$38.00; 1.00x, \$39.00; 9 to 10 in., \$6.75; 10x, \$45.00; 1.00x, \$46.00.

The calla variety Longiflorum multiflorum, 1 to 9, 10x, \$5.50; 1.00x, \$35.00; 9 to 10, \$8.00, 1.00x, \$75.00.

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Calla bulbs, sound, full size, per 100 prepaid: 3 to 4 inches in circ., \$3.00; 2 1/2 to 3 inches in circ., \$2.00; 2 to 2 1/2 inches in circ., \$1.00. Cash with order guaranteed. Fred Hafferty, Hermosa Gardens, Santa Ana, Cal.

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Lilium Harrisii, free from disease, 6 to 7 inches, \$1.25 per 100; \$50.00 per 1,000. 400 bulbs per case. H. F. Michell, 1013 Market St., Philadelphia, Pa.

Excelsior Tuberose and Caladium Eleutherum bulbs for December and January delivery. Write to Jno. F. Croom & Bro., Growers, Magnolia, N. C.

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Money in callas, 300 home-grown bulbs, 4 1/2 to 5 inches, \$3.00 per 100. Sunnyside Greenhouses, Owego, Mich.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, all kinds. Ask for special bulb list BOBBINK & ATKINS, RUTHERFORD, N. J.

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Cannas-Austria, out of 4-inch plants, \$1.00 per 100; Burbank, Italia, Austria, from bench, \$3.00 per 100; mixed, in good varieties, \$2.00 per 100. Cash. Geo. L. Miller, Newark, O.

100 Cannas Austria, 4-inch plants, at \$5.00 per 100. 100 Cannas Henderson, at \$5.00 per 100. Cash with order, please. John Reck, Bridgeport, Conn.

40,000 cannas, in 15 of the best varieties, at \$12.50 per 1000 for fall delivery. H. Steinmetz, Raleigh, N. C.

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Field-grown Carnations. We offer, subject to stock being unsold, the following varieties at \$5.00 per hundred and \$5.00 per thousand: Victor, Triumph, Gen. Maceo, Frances Joost, Armazindy, The Marquis, Jubilee, Mrs. Bradt, Ethel Crocker.

Delivery from now on. L. L. MAY & CO., St. Paul, Minn.

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We offer excellent, strong bushy carnation plants of the following varieties: Triumph, Lawson, Queen Gold Nugget, Morning Glory, Frances Joost, Lizzie McGowan, Ethel Crocker, White Cloud, Geo. Eastburn, Glacier, Peru, Mrs. Wood, Armazindy, Thos. Young, Elm City, Wm. Scott, Maceo, Bradt.

A. WASHBURN & SONS, Bloomington, Ill.

FIELD-GROWN PLANTS

We offer fine, strong, field-grown carnation plants as follows: ... \$5.00 per 100; \$40.00 per 1000. White Cloud, \$5.00 per 100; \$40.00 per 1000. America, \$5.00 per 100; \$40.00 per 1000. Triumph, \$5.00 per 100; \$40.00 per 1000. Sport, \$5.00 per 100; \$40.00 per 1000. Marquis, \$7.00 per 100; \$60.00 per 1000. Send in your orders early.

WETBORN BROS., Wholesale Growers of Cut Flowers, 51 Washburn Ave., CHICAGO.

Now ready. Field-grown carnation plants, such as to be strictly first class in every way, at \$5.00 per 100 for 1st size, \$4.00 per 100 2d size. ... Armazindy, Aryle, Melba, Gen. Nugget, Frances Joost, Ethel Crocker, Crane.

G. VAN BOCHOVE & BRO., Kalamazoo, Mich.

FIELD-GROWN CARNATIONS.

All fine plants and ready for immediate delivery. ... Eldorado, Triumph, Wm. Scott.

At \$5.00 per 100; \$50.00 per 1000.

QUEEN LOUISE, \$12.00 per 100; \$100.00 per 1000.

Marquis, \$5.00 per 100. Ethel Crocker, \$7.00 per 100. S. L. DILLON, Bloomington, Pa.

15,000 field-grown plants of

Crane, Gomez, America, Aryle, Sandusky, Triumph, Flora Hill, Mrs. Baker. Largest size, \$8.00 per 100; 2nd size, \$5.00 per 100. Check with order. Half remittance if C. O. Chas. Rayner, Roseview Greenhouses, Anchorage, Ky.

CARNATIONS FROM FIELD.

G. Lord, 1st size, \$9.00 per 100; Marquis and G. Lord, 2d size, \$6.00 per 100. ... Crane, Gen. Nugget, Albertini, Joost, Daybreak, Victor, Good 2d size, \$5.00 per 100. Cardinal and McGowan, \$4.00 per 100.

BROWN & CANFIELD, Springfield, Ill.

Fine field-grown carnation plants. We have a surplus of a few hundred each of Melba and McGowan at \$5.00 per 100; Lord, Crocker, Gomez and Joost at \$7.00 per 100. Cash with order; satisfaction guaranteed. C. H. Green, Fremont, Neb.

Field-grown carnations. Cloud, Hill, Joost, Glacier, Victor, America, Evanston, \$5.00 per 100. ... Ethel Crocker, \$5.00 per 100; \$40.00 per 1000. Elm City, \$8.00 per 100. Estelle, \$10.00 per 100. Dana R. Herron, Olean, N. Y.

FIELD-GROWN CARNATIONS.

4,000 Scott, 1,000 Marquis, 1,000 Ethel Crocker, 1,000 Daybreak, 1,000 White Cloud, 2,000 Fisher, 500 Bradt, 250 Goodenough, 1,000 Crane, 250 Eastern Star, 1,000 Rosevelt, 1,000 Prosperity. For prices write W. M. SIM, Chittenden, Mass.

Carnations—White Cloud, 350 2d size, 150 3d size, 50 Joost, 400 2d size, 600 3d size, Evanson, 100 2d size; Victor, 75 2d size, 75 3d size, at \$5.00 per 100 for 2d size, \$2.00 per 100 for 3d size. These will be put in the box just as taken out, so their roots will not get dry, and when you get them will be as good and as fresh as your own plants.

N. GREIVELDING, Merrill, Wis. Carnations. fine healthy field plants. Plants received from you were the finest I ever saw, my own not excepted. White Cloud, Mary Wood, F. Hill, Daybreak, Triumph, Scott, Jubilee, America, Gomez, Pingree, Mrs. Bradt, C. W. 100, \$40.00 per 1000. A fine tested seedling given with each order for trial, Lamprecht Bros., Ashland, O.

FIELD-GROWN CARNATIONS.

10,000 extra fine plants of White Cloud, F. Hill, Peru, Daybreak, Edith Foster, Joost, Roslyn and Gomez at \$6.00 per 100. Marquis and Mrs. Bradt at \$5.00 per 100. ... E. Crocker, All plants, at \$5.00 per 100. Cash with order, please.

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FIELD-GROWN PLANTS.

20,000 extra, bushy plants at \$5.00 per 100; \$50.00 per 1000. Genevieve Lord, Wm. Scott, Marquis, Mayor Pingree, Ethel Crocker, Mae Richmond, Edith E. MOSS, Govanston, Eastmore, Md. 7,000 field-grown carnations, fine stock 1,800 Jahn's Scarlet, \$1.00 per 100; 1,600 Mrs. F. Joost, 1,000 Edith Foster, 400 White Cloud, \$5.00 per 100; 200 G. H. Crane, 2,500 Flora Hill, \$5.00 per 100; 1,000 Mrs. T. W. Lawson, \$10.00 per 100. Cash with order, please. C. H. Howe, Dover, N. H.

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Morning Glory, Flora Hill, McGowan, Tidal Wave and other leading sorts at \$1.00 per 100. All tested. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

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Boston ferns from bench, suitable for 4 and 5 in. pots, \$18.00 and \$20.00 per 100. Cash with order.

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Hydrangea Otakoa, pink, and Thomas Hogg, white. Have bought the entire stock of Joseph Beavis & Son, one of the largest and most successful nurserymen in Philadelphia, Pa. Have now about 6,000 on hand, the finest stock in the country, which I offer at the following prices: From 4-inch pots, bushy plants, \$8 to \$10 per 100; 5-inch, \$15; 6-inch, very fine and strong, \$20 to \$25; 25 to 100; \$100 per 1000. Shipping to 1212 Ontario St., Rising Sun, Philadelphia, Pa.

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English ivies, 20 to \$12.00 per 100, \$15.00 per doz.; 100 8 ft. long, \$3.00 per doz. Cash. John Reek, Bridgeport, Conn.

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Our superior brand English mushroom spawn just received in perfect condition, 25 lbs., \$1.75; 100 lbs., \$6.00; 1000 lbs., \$53.00, \$50.00 and over at 1000 rate. Henry F. Michell, 1013 Market St., Philadelphia, Pa.

Frequent importations of best grade English mushroom spawn. J. J. Sayer, Concordville, Pa.
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Field-grown, flowering myrtles, nice bushy plants, 10 to 14 inches high, \$30.00 per 100, rooted cuttings of the same, \$1.50 per 100. Cash with order.

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Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Matthews, Utica, N. Y.

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	Inch	Inches.	Per
	pots,	high,	100.
1 plant	2-3	\$ 1.00	\$ 6.00
2 plants	4-5	3.00	25.00
3 plants	6-8	6.00	50.00
4 plants	10-12	12.00	100.00
5 plants	15-20	25.00	250.00

Per 1000
 1 plant 3 30
 2 plants 4 20
 3 plants 6 24
 4 plants 12 25

KENTIA BELMORANA.

Inch	Per
Leaves, high,	100.
2½	4-8 \$ 1.50 \$ 12.00
4	10-12 3.00 25.00
4	15 4.00 35.00
4	20 5.00 75.00

Per 1000
 1 plant 6 24 \$1.25 \$15.00
 2 7-8 26-28 1.50 18.00

KENTIA PORTERIANA.

Inch	Per
pots,	Leaves, high,
Per	100.
2½	4-8 \$ 1.00 \$ 8.00
4	12 3.50 35.00
4	15 4.00 35.00

Per 1000
 1 plant 5 24-28 Each, Per 12
 2 6-8 30 1.25 15.00
 3 10-12 35-38 1.50 18.00
 4 15-20 39-42 2.00 24.00

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Kentia Belmoreana, strong, clean stock for growing on: 2½-in. pots, \$2.50 per 100; \$20.00 per 1000. 4-inch, \$3.00 per 100; \$30.00 per 1000. Area Lutescens, 2½-in. pots, \$3.00 per 100; \$40.00 per 1000. The Storrs & Harrison Co., Fairview, O.

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4-inch	10 to 12 in.	12, 10.00
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RUBBERIES, fine, strong plants.		
10-in. pots, 24 in. high		\$4.00 doz.
7-in. pots, 27 in. high		7.50 doz.
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New crop CYCLAMEN persicum giganteum seed. We have received from a celebrated specialist a large stock of the choicest seed, which we can furnish in four distinct colors, extra in mixture, single and double mixed, crimson eye, deep rose and blood, 25c per 100 seeds, \$6.00 per 1,000 seeds; finest mixed, 60c per 100 seeds, \$5.00 per 1,000 seeds. 250 seeds at the 1,000 rate.

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H. A. DREER, 714 Chestnut St., Philadelphia.

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THE JENNINGS STRAIN.
They are all right. New crop seed now ready. Finest mixed, by mail, 1 pkt. \$1.00; 1/2 oz. \$2.00; 1 oz. \$5.00. Separate colors, \$4.00 to \$1.00 per pkt. Plant in September, \$4.00 per 1,000. Cash with order.

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Pansy seed of finest Giants, the best of the mammoth flowering varieties; mixed, 4,000 seeds, \$1.00; half pkt., 50c. Chinese primrose, mixed, green, single and double mixed, 50 seeds, \$1.00; half pkt., 50c. Cyclamen giganteum, finest giant-flowering, choicest mixtures, 200 seeds, \$1.00 per half pkt. or 1,000 of the new ever-blooming forest-me-tal, instances added to every seed order. John F. Rup, Shremanstown, Pa.

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Seed of new crop.
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Send for price list.

Cineraria, hybrid, dwarf, fine mixed, extra, per trade pkt., 50c. Pansy, giant fine, Perfection pkt., 25c, \$5.00 per doz. Bugnet, Trimeter, dau, fine mixed; Cecile Davy, pure white, trade pkt., 25c. English, good mixed, 50c per doz. Essaiu, Woodward.

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Order taken for Cobaea scandens and Asparagus Sprengeri.
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Our wholesale price list of high-class seeds for florists has been mailed to the trade. If you have not received a copy send for one now. J. M. Thorburn & Co., 25 Cortlandt St., New York.

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The exhibit of plants and cut flowers will be staged by noon of the 6th, and those who are fortunate enough to be in attendance from outside points will find it a first-class representation of all lines of our work and goods, carefully selected and so staged that every point that seems likely to attract shall seem to fairly jump at you, while the poorer stuff, if any, will be carefully relegated to the background.

Strange, but true, we all hope to secure the firsts, and though some of us are doomed to disappointment we will put forth our very best.

The Market.

Roses and carnations have been very scarce, but although the supply is small at present the demand is less for the class of stock (not A 1) on the market. Asters are exceptionally good this season, large flowers, long stems, and full, prices ranging from 25 to 75 cents per 100. There is quite a business being done by the smaller stores with potted up asters.

Lilies, both auratum and geocorum, are scarce at any price, and grabbed up at first place offered. There seems to be an opening for more of that class of stuff at this time of the year. It has been noticeable for several years past that there has always been a scarcity of summer lilies.

The boys who were fortunate enough to attend our Canadian Horticultural Society convention at London, Ont., and also the Society of American Florists' convention at Buffalo, are home, full up with new ideas, good resolutions, and pleasant memories. C. W.

PINE BLUFF, ARK.

Business is very dull with us here in the south on account of the drought. Corn and cotton in most all places is cut to one-fourth and one-half crop. Roses and outdoor stock have suffered from the dry weather; mums have held their own pretty well.

A. A. Harper has purchased a block of four acres of land six blocks from his greenhouses that he is going to grow vegetables on and make a market garden in connection with his floral business.

We will have the state fair here Oct. 14 to 19 and look for some nice exhibits in the way of fruits and flowers.

We are to have an electric street railway at last. The tracks are almost all laid, the power house will be completed by Sept. 10, and we will begin to put on city airs. ARK.

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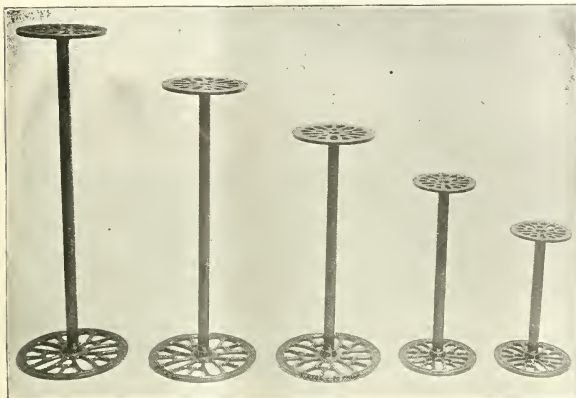
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Asparagus Plumosus Nanus, 3-in., \$5.00 per 100. **Sprengeri,** 2-in., \$2.00 per 100; 3-in., \$3.00 per 100; 4-in., \$1.00 per doz. **Cinerarias,** 2-in., \$2.00 per 100. **Chinese Primroses,** white and mixed, 3-in., \$3.00 per 100; 3½-in., \$5.00 per 100.

SAMUEL WHITTON, 16-17 Gray Ave. UTICA, N. Y.

Mention The Review when you write.

Always Mention the...
Florists' Review
When Writing Advertiser

XXX PANSY

SEED OF FINEST GIANTS. The best of the mammoth flowering varieties, critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.

CHINESE PRIMROSE SEED. Finest growth, single and double, mixed. 500 seeds, \$1.00; half pkt., 50c.

CYCLAMEN GIGANTEUM. Finest giant flowering varieties in choicest mixture. 200 seeds, \$1.00; half pkt., 50c.

CYCLAMEN GIGANTEUM PLANTS Very fine and strong, \$4.00 per 100.

A packet of the new, ever-blooming Forget-me-not "Constance" added to every seed order.

JOHN F. RUPP, - - Shrewstown, Pa.
The Home of Primroses.

**JOSEPH HEACOCK,
GROWER OF**

Fine Palms,

For Price List
SEE PAGE 215, JULY 18th.

Double Sweet Alyssum.

Plant now to secure best results. Our stock has been frequently nipped and will give immediate returns. From 3-inch pots, \$4.00 per 100.

ISOLEPIS GRACILIS. A valuable plant for all fancy decorations. From 2¼-inch pots, \$2.00 per 100.

NATHAN SMITH & SON, Adrian, Mich.

QUALITY TELLS--PRICE SELLS.

Geraniums, 3-in., \$1.50 per 100; 3½-in., \$2.50 per 100
Colums..... 2-in., \$1.00
Asparagus Sprengeri, seedlings, \$1.00

E. I. RAWLINGS, QUAKERTOWN, PA.
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Chrysanthemums.

NEW AND OLD VARIETIES.

A large stock of young thrifty plants throughout August. Our selection—all good varieties—**\$2.50 per 100.** Those wishing special varieties please send for descriptive catalogue.

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A few hundred good plants from 3 and 3½-inch pots left from our own planting. Write for varieties and prices.

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Field grown plants for latter part of August and September delivery. Prices and varieties upon application.

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VEGETABLE PLANTS! PLANTS!

CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$5.50 per 10,000, \$75.00 per 100,000.

CELERY.—Giant Pascal, Golden Heart, White Solid, golden Self Blanching and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000; Giant Pascal and Golden Heart, \$75.00 per 100,000. If by mail add 10c per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

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PRIMROSES and CINERARIAS.

Primrose, ready for 3½-in., \$2.00 per 100; 300 for \$5.00. Cineraria Grandiflora, \$2.00 per 100; 300 for \$5.00.

J. W. MILLER, HATTON, P. A.
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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
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334 Dearborn Street, Chicago.

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INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 393-403	Kennett Foundry & Machine Co. 416
Amling, E. C. 401	Keumcott Bros. Co. 416
Baker, F. A. 401	Kroeschell Bros. Co. 415
Barnard, W. W. & Co. 393	Kuhli, Geo. A. 405
Bassett & Washburn, 403	Lager & Hurrell. 394
Baxendancer & Co. 394	Loug, D. B. 404
Beckert, W. C. 403	Lord & Burham. 416
Bentley & Co. 404	Ludemann, F. 405
Binger, H. H. & Co. 394	McKellar & Winter-son. 405
Berning, H. G. 404	Meelan, C. E. 405
Bier & Noy. 404-405	Metzler, H. F. 393
Brinkerhoff & Barnett Engraving Co. 415	Miller, J. W. 415
Buckley Plant Co. 402	Mitting. 400
Budlong, J. A. 404	Moninger Co. J. Co. 414
Burpee, W. Atlee & Co. 401	Moon Co. W. H. 405
Caldwell The Woodsman Co. 405	Morris Floral Co. 412
Chicago Faecny Farms 401	Moss, Isaac H. 412
Cincinnati Cut Flower Co. 404	Nielsen, LeO. 394
Classified Advs. 405	Pennock, S. S. 402
Colwell, J. W. 405	Palen Co., F. O. 416
Cottage Gardens 401	Pittsburg Cut Flower Co. 402
Crab & Hunter 401	Poehlmann Bros. Co. 405
Crown Fern Co. 394	Polivorth Co., C. C. 409-414
Cunningham, Jos. H. 405	Quaker City Machine Works. 416
Dietsch, A. & Co. 415	Randall, A. I. 409
Dillon, J. L. 405-412	Rawlings, E. L. 415
Dorner, F. & Sons Co. 412	Reed & Keller 394
Dreer, H. A. 394-401-416	Regan Ptg. House. 415
Dutton, Chas. S. 405	Reubens, P. T. 402
Ellis, F. M. 404	Retzer, W. & Co. 402
Ester, John G. Sec'y. 416	Rice, M. & Co. 413
Finley Lawn Rake Co. 415	Robinson, H. M. & Co. 405
Fort Dodge Greenhouse Co. 412	Rupp, John F. 402
Garland, Geo. M. 416	Schmitt, F. W. O. 393
Geller, Sigismund. 394	Seoally John A. 416
Giblin & Co. 416	Shubert's Disp. Co. 416
Greener & Underhill. 403	Smith, N. & Son. 413
Hall, W. E. 402	Soltan, Chr. 402
Hancock, Geo. & Son. 413	Thorburn, J. M. & Co. 394
Hancock, Jos. 413	Vincent, Jr., R. & Son. 404
Heisa, J. B. 402	Wabash Ry. 415
Herrman A. 394	Weber & Sons. 415
Hill Co., E. G. 401	Wieland & Risch. 404
Hippard, E. 415	Whilldin Pottery Co. 414
Hitchings & Co. 416	Whitson, S. 414
Hunt, E. H. 404	Wielog Bros. 416
Igoe Bros. 416	Wilks Mfg. Co. 416
Jones, E. E. 416	Wright, C. Geo. 402
Jennings Bros. 414	Zirngiebel, C. 405
Kasting, W. F. 393	
Keller Bros. 414	
Kellogg, Geo. M. 405	

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

Mention The Review when you write.

See That Ledger.

THE JENNINGS IMPROVED.

Pat. Sept. 18, 1900.

IRON GUTTER.

...USE OUR...

Patent Iron Bench Fittings and Roof Supports,
Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.
JENNINGS BROS., Olney, Phila., Pa.

SEND FOR CIRCULARS.

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RED POTS
SAMPLE POT and PRICE LIST ON APPLICATION.
C. C. POLLWORTH CO., Milwaukee, Wis.

KELLER BROS.
213-15-17-19-21-23 Pearl St., NORRISTOWN, PA. Manufac. of **STANDARD FLOWER POTS,** red in color, equal to the best on the market; are 16 miles from Philadelphia, best of railroad connections. We give special attention to mail orders and make special sizes to order in quantities. A postal will bring prices and discounts.

Tin Foil for Florists
Special Shades. Special Designs. Plain or Colored.
Write today for samples and prices.
THE PALEN COMPANY, Inc.
KINGSTON, N. Y.
Western Representatives: J. HOWARD JONES & SONS, 34 Wabash Ave., Chicago, Ill.
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THE ONLY ONE THAT PAID.
The REVIEW is the only one of these trade papers that has given us results that paid.—MAYER & SONS, Willow St., Lancaster Co., Pa.

"RETURNS SATISFACTORY."
That's what the Vick & Hill Co., Rochester, N. Y., report regarding their classified ads. in the REVIEW.

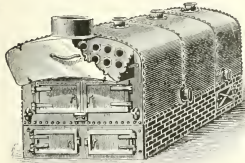


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233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus
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Order Your Boiler Now

THESE BOILERS ARE
MADE
OF.....**STEEL**
PLATE....

Therefore will not cause trouble and expense on account of cracking of sections, repacking, etc., which happens so frequently with cast iron boilers.



IN case you need a **Greenhouse Boiler** send in your order now and avoid delay in delivery. Our Boilers are not "Stock Boilers;" each one is made "to order." Therefore it is decidedly to your advantage to order in good season.

KROESCHELL BROS. CO.

51 ERIE STREET.

...CHICAGO, ILL.

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**Nikoteen
Aphis Pink
It Burns**

The most convenient way of applying an insecticide ever yet devised. No pans required—No heating of irons—No trouble—Cannot injure the most sensitive blooms—Very effective. Price 60¢ per box of 12 rolls. All dealers sell it!

**Skabcura Dip Co.,
St. Louis — Chicago.**

Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

A. DIETSCH & CO.,
615 to 621 Sheffield Ave., CHICAGO, ILL.
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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.
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STANDARD.

THE STANDARD VENTILATING MACHINE

Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use.

Send for Catalogue of Specialties.

E. HIPPARD, - - Youngstown, Ohio.

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Duplex Iron Gutters.

Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 6 inches of shade. No drip whatever from glass or gutter.

E. HIPPARD, - - Youngstown, Ohio.

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YOU NEED IT.

SEND FOR CIRCULAR.

Finley Lawn Rake Co.
JOLIET, ILL.

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WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

Brinkerhoff & Barnett Engraving Co.
300-306 Dearborn St., CHICAGO.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SAADLE RIVER, N. J.
Mention The Review when you write.

SOMETHING EVERY WEEK.

Allow me to again express my appreciation of the REVIEW. The longer I take it the better I like it, and I have read every copy through that has been published. There is something in it every week that is a help some way. Long may it flourish.

W. H. CULP.

Wichita, Kans.

Always Mention the....
Florists' Review
When Writing Advertisers.

TO THE DAN AMERICAN EXPOSITION AND NIAGARA FALLS.

THE WABASH
Has its own rails and is the shortest line to

BUFFALO AND THE FALLS.

Stop-overs given at both points on all tickets.

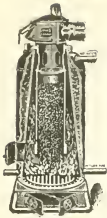
For Descriptive Matter, Rates, etc. call on nearest Ticket Agent, or address
C. S. CRANE, G. F. and T. A., ST. LOUIS, or F. A. PALMER, A. G. F. A., CHICAGO.

**THE REGAN
...PRINTING HOUSE...**

Nursery....
Seed....
Florists'....

Catalogues

87-91 Plymouth Place, Chicago.
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**WILKS
HOT WATER
HEATERS.**
Best made for
GREENHOUSES.
**SELF-FEEDING
MAGAZINE.**
All steel.
Simple, Strong,
Durable.
Send for Catalog, etc.
**S. WILKS
MANFG. CO.**
63, 65 S. Clinton St.
CHICAGO.

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Model Extension Carnation Supports.

Patented July 27, 1897 and May 17, 1898.

MADE WITH TWO OR THREE CIRCLES.

.....also.....

Galvanized Rose Stakes and Tying Wires.

Prompt shipments guaranteed.

IGOE BROS., 226 North 9th Street,
BROOKLYN, N. Y.

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**Holds Glass
Firmly**

See the Point **#2**
The Van Riper Per-
fect Glazing Points are
the best. No rights or
lefts. Box of 100 points
75 cents, postpaid.
HENRY A. BREEER,
714 Chestnut St., Phila., Pa.

**FULLSIZE
N^o 2**

High Grade BOILERS

Get our Catalogue. **For GREENHOUSES.**
STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

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**Evans' Improved
Challenge Ventilating
Apparatus.**
Write for
Illustrated
Catalogue.
Quaker City Machine Works,
RICHMOND, IND.

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Shaking Grates

For Greenhouse Boilers and Furnaces.
Write us for catalogue and testimonials from the
leading greenhouse men.

**Kennett Foundry & Machine Works, Kennett
Square, Pa.**

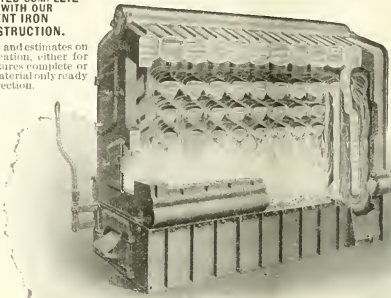
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MASTICA For Glazing
Greenhouses
Proven super-
ior to putty.
Easier to ap-
ply and stays on.
Not affected by extremes of weather.
Endorsed by prominent florists. Send for
descriptive circular of Mastica and Mastica
Glazing Machines. **F. O. PIERCE CO.,**
Sole Manufacturers, 170 Fulton St., New York.
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Horticultural Architects and Builders

**GREENHOUSES and
CONSERVATORIES
ERECTED COMPLETE
WITH OUR
PATENT IRON
CONSTRUCTION.**

Plans and estimates on
application, either for
structures complete or
for material only ready
for erection.



**HEATING and
VENTILATING
APPARATUS.**

New "Burnham" Sectional Hot Water Boiler.

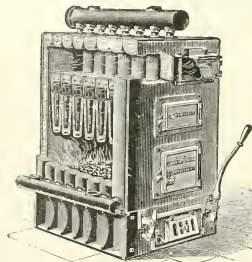
HIGHEST AWARD at Buffalo Convention
of S. A. F. O. H., 1901.

For Large and Small Ranges. **Highest Economy. Moderate Cost.**

Greenhouse Construction Catalogue: also Greenhouse Heating and Ventilating Catalogue
mailed from our New York Office on receipt of five cents postage for each.

LORD & BURNHAM CO. NEW YORK OFFICE, St. James Bldg., Broadway and 26th Street.
GENERAL OFFICE AND WORKS, Irvington-on-the-Hudson, N. Y.

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"INVINCIBLE."

Mention The Review when you write.

...THE... SCOLLAY BOILER FOR GREENHOUSE HEATING, ETC. Hot Water or Steam.

"FARMINGTON, CONN., March 9, 1896.
"The Invincible Boiler you placed in my carna-
tion houses has given great satisfaction. I did
not have to run the boiler hard even when the
thermometer stood 18 deg. below zero. It has
proved 'Invincible' in every respect."
HUGH CROSBY, Florist."

SEND STAMP FOR CATALOGUE AND PRICE LIST.
Estimates Cheerfully Given.

JOHN A. SCOLLAY,

76 and 78 Myrtle Ave., BROOKLYN, N. Y.

GARLAND'S IRON GUTTER

is giving
satisfaction.



Write for Catalogue
containing testimonials
of the leading growers.

**GEO. M.
GARLAND,
DES PLAINES, ILL.**

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HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . GREENHOUSE BUILDING

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, SEPTEMBER 5, 1901.

No. 197.

Lilium Harrisii

JUST arrived in fine condition, ready for delivery. Prices on all Bulbs, Tubers, Plants and Roots cheerfully given by sending your list of wants to

F. W. O. SCHMITZ, - PRINCEBAY, N. Y.



CYCLAMEN GIGANTEUM

OUR NEW SEED FROM ENGLISH SPECIALISTS. THIS SEED IS GROWN UNDER GLASS AND WILL PRODUCE UNEQUALLED PLANTS; OUT-DOOR GROWN SEED IS USELESS.

COLORS: { PURE WHITE, 75 CENTS PER
RICH PINK, 100 SEEDS.
WHITE--CHERRY EYE, \$6 00 PER 1000
BLOOD RED, SEEDS.

CHOICE MIXED--ALL COLORS, 60 CTS. PER 100 SEEDS; \$5.00 PER 1000 SEEDS.

HENRY F. MICHELL, 1019 Market St. PHILADELPHIA, PA.

KENNICOTT BROS. Co.

Our offer of **WHOLESALE COMMISSION FLORISTS** and Dealers in all kinds of
50 per cent off on Wire Work holds until September 10th only. Get your order in NOW. **Florists' Supplies.**

42 and 44 East Randolph St., CHICAGO, ILL.

WM. F. KASTING

WHOLESALE COMMISSION FLORIST....

ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs.

481 Washington St. BUFFALO, N. Y.

Open from 7:30 a. m. to 6:30 p. m. Give Us a Trial. We Can Please You.



Arrived in store August 27. First Shipment of

Japan Grown LONGIFLORUM

BUY NOW and plant for EASTER FLOWERS.

	Per 100	Per 1000
TEMPTING	\$2.75	\$25.00
PRICES:		
6-8 inch	4.00	38.00
7-9 inch	6.75	65.00

The Early Flowering LONGIFLORUM MULTIFLORUM,

7-9 inch, per 100,	\$5.00,	per 1000,	\$45.00,
9-10 "	7.50,		70.00.

W. W. BARNARD & CO. 161 AND 163 KINZIE ST., CHICAGO.

PINK GOLDEN GATE

(See our half-page adv. in previous issue.)

AMERICAN ROSE CO., Washington, D. C.

is offered by several good growers and by ourselves at \$2.00 per 100. Try a hundred of their plants or ours so you will buy

White Golden Gate

IN APRIL, 1902.

Waterproof Crepe Paper

All the
NEWEST
goods in the
Florists'
Supply
Line.

M. RICE & CO.

Importers and Manufacturers,

Leading Florists'
Supply House.

918 Filbert Street,
PHILADELPHIA, PA.

The kind that water will not have any more effect on than on a duck's back. In all latest shades, from \$2.80 per dozen up to the "Silk Finish" NEWEST. Our own importation and one of the best.

Mention The Review when you write.

Florists' Calendar, August--September.

Lil. Harrisii, extra fine stock, 5x7.....	12	100	12	100
.....	\$9.49	\$4.25	.....	.....
.....	7.99	1.25	.....	9.50
Freesia, Extra Refricta Alba, 100.....	1000	.....	.....	.....
.....	\$9.40	\$5.00	.....	.....
.....	50	5.00	.....	.....
Roman Hyacinths, early.....	12	100	1000	.....
.....	\$9.30	\$2.00	\$19.00	.....
.....	12 to 15-in.....	35	2.25	21.00
.....	12 to 15-in.....	35	2.25	21.00
Romans in color, rose blue, red.....	25	1.75	16.00	.....
Paper White, the TRUE giant flowering sort, with extra large trusses.....	15	85	7.50	.....

Lil. Candidum, St. Joseph's Lily; large buds, the strong petal kind.....	75	5.00	45.00	.....
.....	60	4.50	40.00	.....
.....	90	4.00	35.00	.....
.....	75	3.50	30.00	.....
.....	100	7.00	60.00	.....
.....	150	10.00	.....	.....

Lil. Candidum, St. Joseph's Lily; large buds, the strong petal kind.....	75	5.00	45.00	.....
.....	60	4.50	40.00	.....
.....	90	4.00	35.00	.....
.....	75	3.50	30.00	.....
.....	100	7.00	60.00	.....
.....	150	10.00	.....	.....

Let us hook your order now for AZALEA Index, October and November delivery. Write for any desired information. Estimates given on import or other orders. Send for our new catalogue.

Address H. H. BERGER & CO., 47 Barchy St., New York.

Est. 1878.

P. O. Box 1859.

Mention The Review when you write.

Thorburn's BULBS

Our Wholesale Price List of High Class Bulbs and Flower Seeds for Florists has been mailed to the trade. Anyone who has not received a copy is invited to send for it now. We are the oldest Bulb importing firm in America.

J. M. THORBURN & CO.
36 CORTLANDT STREET, NEW YORK.

DAGGER FERNS 50c or FANCY FERNS per 1000.

Green or Bronze Galax, 75c per 1000, in 500 lots. Laurel Frenching, 4c, 5c and 6c per yard.
All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



ORCHIDS.

Arrived: A fine shipment of our celebrated Cattleya Gigas, also C. Chrysozona (AUREA), Miltonia Vesitaria, M. Roezili, Oncidium Kramerianum, Laelia Patrialis, and many more. Write for prices.

Lager & Hurrell, Growers and Importers.... Summit, N. J.

H. Bayersdorfer & Co. FLORISTS' SUPPLIES,

50, 52, 54 and 56 North Fourth St.,
PHILADELPHIA, PA.

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A. HERRMANN,

Manufacturer of Floral Metal Designs,
Importer and Dealer in Florists' Supplies,
FACTORY, 709 First Ave., bet. 40th and 41st Sts.
OFFICE and WAREHOUSES,
404, 406, 408, 410, 412 E. 34th Street, NEW YORK.

WRITE FOR NEW CATALOGUE.

Mention The Review when you write.

SIGMUND GELLER, FLORISTS' SUPPLIES

Complete Stock, New Goods. New Illustrated Catalogue now ready. Send for it.
108 W. 28th St., near 6th Av., NEW YORK.

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Always Mention the...
Florists' Review
When Writing Advertisers.

Are You ShortON.....

GERANIUMS Strong plants from 2 1/4 inch pots of the following high-grade varieties. Free to make \$2.25 per 100, \$20.00 per 1000: S. A. Nutt, Frances Perkins, Alp. Ricard, Grant, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Brunat, La France, Athlete, La Favorite and Mme. J. M. Gaar.

ASP. PLUMOSUS NANUS, strong plants, from 2 1/4 in. pots, \$2.75 per 100; \$25.00 per 1000.
ASP. SPRENGERI, strong plants, from 2 1/4 in. pots, \$1.75 per 100; \$15.00 per 1000.

SMILAX Strong 2 1/4-inch, \$1.25 per 100, \$10.00 per 1000.
CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

REED & KELLER,
119 & 122 West 25th St., NEW YORK, N. Y.
Manufacturers of Florists' Wire Designs, Importers and Dealers in Florists' Supplies. Galax Leaves and all Decorative Greens.
Mention The Review when you write.

MISCELLANEOUS SEASONABLE HINTS.



Bulbs.

Paper white narcissus and Roman hyacinths are now arriving and very soon will be followed by the tulips and hyacinths. I have never found that there was a great deal of demand or profit in forcing paper whites much before Christmas, but I do think a big lot of them is always most useful. A few Roman hyacinths are always very desirable just as early as you can get them, but large quantities of them are not desirable until the holidays, and from then on.

To have Roman hyacinths early, say by the first of November, a few should be boxed immediately. I use the same size box for all forcing bulbs, and that I have frequently described. I think it is poor economy to use any old box that you can get because the first cost is cheap. Much better to have them all of one uniform size. We find the handiest size is 24 inches long, 12 inches broad and 3 inches deep. The end pieces are made of inch stuff, and the sides and bottom of half inch. Four strips 3 inches wide make the bottom and the small space between each slat for drainage. These boxes will last several years unless allowed to lay around with the soil in them all summer, which should not be done. These boxes we find the most useful for sending out the plants in the spring and if we neglect to pick them up where plants have been delivered no great loss, for I don't believe they cost over five cents apiece. We buy the sawed strips and make them ourselves. We find the younger members of the family are always fond of using the saw and hammer and I have had seventy-five of these boxes made in a few hours by the boys.

Now, Roman hyacinths are supposed not to stand any freezing. This is a mistake; they are not hurt by a freeze providing it is not too severe and that you do not disturb them while in a frozen state. For the earliest, however, there will be no frost touch them and they can be placed out of doors in the open on strips of board, which allows them to come away cleaner when brought in. A box such as I have described will hold 60 Roman hyacinths, about 40 to 45 paper white narcissus, 60 of the larger varieties of the tulips and 72 of the smaller tulips.

It is generally conceded that the quality of the soil has very little to do with the quality of bloom of these bulbs that we force because the flower has been prepared in a foreign land and all we do is to force it out. For instance, water grows a hyacinth about as well as you can grow it in a pot in the richest of soil; still, the soil should be of the right texture and that I would call a sandy loam. Soil that has been thrown out from a carnation bench would be the very best material.

It is strange how awkward many men are at this bulb business. Some will put the bulb away down until it is nearly touching the bottom of the box and others will fill the flat so full of soil

that the bulb is sticking up an inch or two above. If the box is filled lightly with soil even to the top and then the bulb pressed in until the top is about even with the top of the box it will be found about right. A very little soil then can be thrown between the bulbs and the operation is finished. Here is something that should occupy little time even if you have a large quantity, as a handy man can put thousands in boxes in one day.

After you have placed the boxes on boards on the open ground give them a thorough soaking and then throw over two inches of the surrounding soil, or, if you have tanbark at your disposal, put on two or three inches of tan bark, but I prefer the soil. When first forcing bulbs we did not realize how necessary it was to keep these early planted bulbs sufficiently moist. We thought one good watering was sufficient. This is entirely wrong. Remember there is no moisture arising from the earth as there is with plants planted in the open ground, and they must depend entirely on rains, and you know it takes an awful good rain to go two inches into the ground. Unless we get extremely wet weather every week you should give these early planted bulbs a thorough soaking, for you want them to make root as quickly as possible.

For the early paper whites, they also can be placed outside, but for the main crop of paper whites and also the Roman hyacinths, I prefer to have them in a cold frame or some place where a good covering can be given them. While on the bulb business, I may as well say that those who desire to force tulips early should have a certain portion of them put into the flats at once. For that matter they can all be boxed as soon as you can find time, for there is nothing like getting them well rooted before winter sets in. The success of forcing them will depend upon how well they are rooted. I will have something to say later about the winter treatment of them.

Lilies.

We are very glad to find Japan longiflorum lilies arriving. Do not attempt to force any as you have the Harrisii for the early flowers. They are always best in the frame and can be left there until well on in November. I used to advocate putting the larger size bulbs in 4-inch pots and afterwards shifting them. I have had several people tell me that they were sure the shifting retarded their flowering a week or ten days. I am scarcely prepared to believe that, although it is possible it might do so, and a very few days will make a great difference with such an early Easter as our next. Therefore, I say, put them at once into the pot they are to flower in. I do, however, believe in the plan which we formerly practised of putting the bulb down two inches below the surface of the pot and when they are brought into the house filling up the pot to the usual depth, or, say, half an inch

below the top. This nourishes and feeds the roots which always come out of the stem above the top of the bulb.

Verbenas.

I suppose but very few of you trouble any more to perpetuate the sweet old verbenas by cuttings. After seeing them this year so fine I believe they will come again into fashion. The little carpet bedding I have seen this year looks to me hideous and the beds of our sweet flowers are far more enjoyable in every way. If you do want to propagate verbenas from a choice strain you should now cut back a few plants. Shorten them back to within five or six inches of the main stalk. Stir up the ground between them, putting a little rotten manure around amongst the growth and keep them watered, and by the end of the month you will have an abundance of green succulent growth, which is the right kind of stuff to make cuttings and root quite easily in a cold frame during November.

Geraniums.

The great change of weather and the welcome cold days remind us that we must begin to propagate our geraniums. As I said a week or two ago, don't trouble to put them in the sand. Put them at once in 2 or 2½-inch pots. A cold-frame is all right for them providing you will not neglect them there, but we find a bench in a light house is the safest place.

Roses.

I presume there are plenty of roses not yet tied up. I know there are several establishments where they are just doing it. There is no doubt that the steel wire support tied at the top to a horizontal small wire is almost the ideal way of supporting them, but the first cost of this is considerable. A wire, the steepest size, run across the bench and kept an inch or so above the soil, is another plan. From that wire run a strong, cheap string to a wire running across the bench, or lengthwise of the bench, say four to five feet above the roses. This is a very inexpensive way, easy to install and very easily removed when the soil is taken out in the spring. Both sets of wires can be raised away up temporarily and put in place again after the roses are planted. I see occasionally some very crude attempts at tying roses.

In tying a carnation in the old-fashioned way, when we used stakes, it is correct to let the string envelop the whole plant, just tied enough to support it. With a rose this is entirely unnecessary and wrong. The small, useless growth, which it is entirely proper to keep on, for no blind wood should ever be cut away from a tea rose, wants no support. It will not make much growth and will not hurt. It is only the strong growths that are going to produce the roses that we want tied. But tying is a very important thing and should not be neglected.

WILLIAM SCOTT.

CARNATION NOTES.

We have been having ideal carnation growing weather lately and plants in the house as well as those remaining out of doors are making a fine growth, clean and thrifty. Those that were kept inside all summer have made more growth during the last few weeks than they did all the summer previous.

Your entire attention from now on until winter sets in should be directed toward keeping the plants in a healthy and thrifty condition. Keep the weeds out, stir the surface of the soil frequently as long as you can see no roots near the surface, and support them properly as soon as it is needed, to keep the plants upright and the stems straight.

Those that were in the bench all summer can stand a mulch of about 1-inch of well rotted cow manure, but those that were housed in August will be better without any mulch for a month or so yet, providing you mixed a fair amount of manure into the soil when it was composted. After spreading on the manure give a good watering and then be careful not to keep the soil too wet.

ber morning will injure the plants or that the warm sun will be harmful. Both will help to keep the growth firm and disease-proof. As long as the temperature outside does not drop below 40 degrees you need not be afraid to keep the ventilators open. Even then you will want to run some steam around before you close the houses up tight, but I will have more to say about that later. Of course you do not want the houses to drop that low later on when there is a crop on, but you have nothing like that to consider now. What you should be working for now is a strong, robust, healthy plant free from disease or any other weakness.

If you have use for the blooms you might as well allow the stronger plants

larger outside. That is just where they make a mistake, and a big one at that. This growth that is being made now and for several weeks to come is very rapid and tender and when the plant is lifted it suffers, even if the days are not very warm, much more than does the slower and firmer midsummer growth. After the plants are established in the benches they grow just as rapidly as they would outside.

The greatest advantage in early planting is that the plants recover quicker and are ready to grow right ahead during the entire time in which the carnation makes this rapid growth. Consequently the plants are also better established when winter comes. Any grower of average judgment knows that any plant, whatever it may be, will establish itself better during early fall, while the nights are cool and the days are long and warm, than it will later on, when the days are short and cloudy. So get your carnations in at once, and get them established on the benches before bad weather sets in. A. F. J. BAUR.

SUPPORTING CARNATIONS.

I will give you my method of supporting carnations, which I like much better than any I have yet tried.

I use No. 10 galvanized wire stakes 36 inches long, one for each stem. The stems are fastened to the stakes with No. 28 copper wire cut into $\frac{1}{4}$ to 2-inch lengths; 3 or 4 to each stem will be necessary. This will keep the stems perfectly straight and almost as stiff as the wire itself. While this makes considerable work, yet they are quickly fastened to the stakes and the extra stiffness of stems and quality of blooms will more than repay all cost when strictly first class blooms are wanted.

It will also insure a higher grade of flowers if the plants are not allowed to throw off too many shoots. My plan is to keep off all but one or two at the base of each flowering stem.

W. C. SCOVELL.

SWEET PEAS.

Sweet peas, which have heretofore been so generally cultivated with great success in the vicinity of Springfield, Mass., have this year been practically a failure in that section, and the prevalence of the blight has led the Rev. W. T. Hutchins to speak of the sweet pea as "a lost flower" in his neighborhood.

In a communication to the Springfield Republican of Aug. 25 he attributed the trouble to a weakening of the constitution of the sweet pea as a result of the rapid development of the flower into higher forms at the expense of the original vigor and hardy habit of the flower and the production of the seed in such vast quantities in California. He says the bounds of nature's supply of vital power have been overstepped and that as a result the whole seed stock is in a condition of nervous prostration; that it is now impossible to get a normal root to support the vine. He holds it will be necessary to re-vitalize the whole foundation seed stock from which the trade supply is grown, and that it will take at least four years for skilled seed growers to do it.

In a letter on the subject W. Atlee Burpee & Co., the Philadelphia seedsmen, say they have had the blight on their grounds to some extent, but have so far been able to combat it successfully by planting their sweet peas in an entirely



Asters grown by the Harms Park Floral Co., Chicago.

The soil will not dry out so quickly as before, not only on account of the manure, which prevents evaporation, but also because the sun is getting weaker right along now and does not draw the moisture from the soil as it did during mid-summer.

The growth will also be firmer if a little less water is given than during the hot spell. Leave the ventilators up as high as you dare all night and give all the air you possibly can during the day and be sure that there is no more shade on the roof. If the rain has not taken it off clean, go over the houses with a brush; it will pay you well to do so. A few years ago we used to wait for the frost to loosen the shading material and for the rains to wash it off, and I see some growers do the same thing yet, but like many other old time methods it is penny wise and pound foolish.

Don't be afraid that the cool Septem-

ber morning will injure the plants or that the warm sun will be harmful. Both will help to keep the growth firm and disease-proof. As long as the temperature outside does not drop below 40 degrees you need not be afraid to keep the ventilators open. Even then you will want to run some steam around before you close the houses up tight, but I will have more to say about that later. Of course you do not want the houses to drop that low later on when there is a crop on, but you have nothing like that to consider now. What you should be working for now is a strong, robust, healthy plant free from disease or any other weakness.

There is another task for our carnation hybridists: We need a good hot weather scarlet. We have F. Hill for white, and Scott and Crocker for pink, but not one of the scarlets in commerce today is of any account in warm weather.

We still see a few houses that are not replanted yet and it should not be put off any longer. One or two growers have not commenced planting in yet, claiming that as the plants are growing so well outside it will be best to let them grow



Field of Asters at the Establishment of the Harms Park Floral Co., Chicago.

new location, where no peas, either ornamental or cultiary, have been grown for several seasons, and with favorable weather they secure as fine peas and as long a season of bloom as they ever did. For the last three years their chief trouble has been with hot, dry weather and the greenfly. They have succeeded in mastering the latter by spraying with white oil and potash soap. In their trial grounds they have growing side by side trials of seed grown in France, England, Germany, northern New York, Oregon and California, and can detect absolutely no difference in the growth of vines from seed grown in these widely different locations, all being equally vigorous under favorable conditions and all equally as susceptible to the blight when the conditions are not favorable.

ASTERS.

We present herewith an engraving from a photograph of part of the field of asters at the establishment of the Harms Park Floral Co., Chicago, recently mentioned in our Chicago notes. There are about 40,000 plants in the field and the cut of flowers has been enormous.

In the foreground are seen the Carlson Improved Peony Flowered type, and this type also predominates in the picture of a vase of aster blooms picked from this field. It is this variety that has supplied the finest flowers, and its growth is remarkably vigorous. The plants were placed 15 inches apart in the field and have grown so vigorously that it is difficult to walk in among them without injuring them. Next year they will plant 18 inches apart and omit every fifth row. This type comes in three colors—white, pink and light lavender. It is certainly a splendid aster.

They also grow Semples' Shell Pink, Giant Comet and Vick's Daybreak and Parity. The latter is a good white, but Daybreak is too light a shade of pink to take well in the market, and they will not grow it again.

In another nearby patch of asters is a bare spot where the plants died out entirely. The mystery was explained by the fact that this was where a lot of

old glass was cleaned with lye water last year. Moral—don't use lye where you expect to grow anything in the future.

WATER SUPPLY.

Is there a steam pump on the market for pumping water direct into pipes for watering in greenhouses? If so, what kind is the best? Is it necessary to have a governor on some to regulate pressure? How large a pump would be required to supply water for five houses, each 20x 100, and for irrigating an acre of ground in summer time? How large a well is required and what size suction pipe? What size of main flow pipe?

What kind of valve should we use to keep high pressure of steam (necessary to run pump) from running through greenhouses? L. S.

There are several steam pumps that will do the work. The brass ball cylinder pump made by the American Well Works Co. would be a good one. Have never heard of a governor on a pump, though there may be such a pump made.

For the purpose mentioned the pump should have a capacity of 30 to 40 gallons a minute, with about a 3-inch flow. The size of well is immaterial, just so you have the flow of water. The well should be one that cannot be pumped dry in dry weather. Sink the well until a good heavy flow of water is struck.

A valve could be used to hold steam back from the houses, but by no means resort to this method of water supply. Erect a good substantial water tank, of either steel or cypress, and mount it on a strong derrick not less than 45 feet high. This will give you all the pressure you will need. Then put in an Olds gasoline engine of 3-horse power and use a 2 or 2½-inch flow pipe from engine over top of tank. Attach all supply pipes at bottom of tank. Have a good sized tank, say 600 barrel, and use a 2-inch supply for houses. You can then water all five houses at one time without any fall in pressure. We have plenty of pressure for syringing with our tank, which is 45 feet high.

Be sure to place tank where it will not have to be moved when you build additional houses. We have a system like the above in operation and we have plenty of water. The cost of running our gasoline engine does not exceed an average of 18 cents a day, and we pump water for nine large houses and numerous frames and lath structures for summer plunging.

If you pump direct into your pipes you will have to use a tank with a ball safety valve for high pressure, set to any pressure you desire, and then when you close off the spigot the pressure will operate the valve and the tank will catch the supply; otherwise you would have a "bust up," for there would be no outlet to take the pressure off pipes and engine.

F. W. BEACH.
Dallas, Tex.

Replying to the inquiry about water supply, I have always used direct pressure, to which I attribute the success that has followed my syringing with a pressure at the nozzle of 65 to 90 lbs.

I use a No. 3 Columbus pump direct into water service of 1½-inch main, which divides as it passes through center vestibule into 1-inch outlets, distributed along the beds by ¾-inch faucets. I use two hose at a time, taking the water from each side of the main, thereby syringing each half of the house simultaneously.

Steam is derived from a 30-horse power boiler, pressure 55 to 60 lbs. No controller is necessary. Water is dead-headed when not used, which affects the pump very little. Service of our pumps lasts ten to twelve years without any repairs at all.

This would, I believe, fill the bill for L. S. In fact, I have never been able to understand why this system is not more commonly used.

CHAS. RAYNER.
Anchorage, Ky.

In answer to L. S. in your issue of 29th inst., would say we have a country place consisting of three greenhouses,

two 20x100 and one 28x100 feet, which we water with a steam pump, cylinder 3x2x3, suction 1 1/4-inch, discharge 1-inch, attached to cistern 9 feet deep; we also have a well 176 feet deep, with deep well pump attached; we run both pumps at same time, with our boiler, a 12-horse power vertical, which is larger than necessary, but we find a large boiler economical in both attention and fuel; we can run both pumps at the same time with five pounds steam, only our injector requires twenty-five pounds steam to work satisfactorily and we have our boiler set to blow off at 40 pounds.

The deep well pump pumps the water from well into cistern and the steam pump distributes from there. Our houses are all laid with 1 1/4-inch distributing mains (1-inch would be large enough), and we have spigots conveniently located so as to water each house with one section of 3/4-inch hose twenty-five feet long. A man at the hose with a bicycle whistle to signal the boy at the pump for more or less pressure is all that is required; one whistle means stop; two whistles, go ahead; three whistles, slow up. I forgot to say we have a 3-horse-power engine to run our pump at well.

We use our steam pump and hose to apply all insecticides, chemical fertilizers (liquid) and liquid manures. We find it especially convenient in applying tobacco water and paris green to mums for black aphid and caterpillars; we have an extra suction attached and pump the insecticides from barrels and the fertilizers from tanks. We take off all our ventilators during the summer and we find it the only way to keep down black fly.

Our boiler, too, we utilize for extra heat in zero weather. We use the same pipe we use in the field to water with in summer, to run temporary coils for more heat where necessary during winter, and it works like a charm.

LEBANON GREENHOUSES.

Lebanon, Pa.

I would answer the questions asked by L. S. as follows: There are a number of makes of steam pumps which will force the water directly into the pipes or hose. It would be difficult to say which is the best. It is not necessary to have a governor to regulate pressure. To supply water for houses mentioned would require a pump with 2-inch suction and 1 1/4-inch discharge. From this, one to three lines of hose could be used. With 20 lbs. steam there would be 25 lbs. water pressure. To run three lines of hose would require 35 to 40 lbs. steam. A well would need to be so good that a 2-inch pipe would not exhaust the flow of water. Either Fairbanks or Jenkins valves could be used. H. P. SMITH.

Piqua, O.

PIPING FOR HOT WATER.

I have a house 75 ft. long, 17 ft. wide and 11 ft. to peak of roof. It is now piped with the old 4-inch pipe. I would like to know how to repipe it with 2-inch pipe so as to get the best results.

In the center bench, which is five feet wide, I have carnations, and the two side benches, four feet each, are for bedding plants. I want to arrange it so I can run it warm enough in the spring for coleus, say 65 to 70 degrees at night.

STEADY SUBSCRIBER.

In reply to the question of Steady Sub-

scriber, I would suggest an arrangement of piping as indicated in the accompanying plan for this house, 75x17 feet. To secure 65 to 70 degrees, night temperature, I would advise 15 lines of 2-inch pipes, five under each bench, valving one return pipe on each coil so as to be able to conveniently regulate the temperature when running the house for carnations. New York. H. W. GIBBONS.

PIPING AND BOILER CAPACITY.

I have a detached house 20x100. The piping consists of about 550 feet of 4-inch pipe, and it is heated by an old-fashioned box boiler. It does not keep the house warm enough in severe weather. Have I got pipe enough, or is the boiler at fault?

I am building a new boiler with a capacity of 5,000 square feet. Would it be advisable to twin the two boilers, so that I could heat the same pipe with this new boiler? The boilers will stand about 20 feet apart. The 4-inch pipe is the old style, put together with calked joints, and is about one foot from the ground.

Mass. W. W.

In reply to W. W.'s inquiry, it seems that his trouble is caused by the deficiency of heating surface in the greenhouse. He does not say what temperature is desired nor the amount of glass exposure in the house, but assuming there is glass on the roof and ends, and a night temperature of 55 to 60 degrees is desired, the house would require a minimum heating surface equal to 870 feet of 4-inch pipes.

In answer to his second question, it would be desirable to connect the two boilers, so that one or both may be used, as circumstances may require.

New York. H. W. GIBBONS.

6. Results in the Breeding of Species of *Ricinus*.—E. Mead Wilcox, Botanist, Oklahoma Agricultural Experiment Station.
7. On Orchid Hybrids. (Illustrated by specimens of the parents and progeny.)—Oakes Ames, Ames Botanical Laboratory, North Easton, Mass.
8. The Wild Hybrids of the North American Flora. (Illustrated by specimens of the parents and progeny.)—David George, Museum Aid, New York Botanical Garden.
9. Hybrid Beans.—R. A. Emerson, Horticulturist, Agricultural Experiment Station, University of Nebraska.
10. Cytological Aspects of Hybrids.—W. A. Cannon, Columbia University, New York City.
11. Correlation Between the Fruit and Other Parts of the Plant in Form, Color and Other Characteristics. (Illustrated by specimens.)—S. A. Beach, Horticulturist, New York State Experiment Station, Geneva.

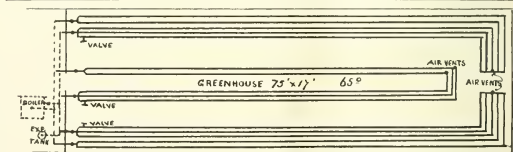
Papers, the titles of which have not yet been communicated, are also promised from the following:

Delegates representing the Royal Horticultural Society of England.

- Luther Burbank, Santa Rosa, Cal.;
- J. Craig, Cornell University, Ithaca, N. Y.;
- K. C. Davis, West Virginia Agricultural Experiment Station, S. B. Green, Agricultural Experiment Station, University of Minnesota;
- H. C. Price, Iowa Agricultural Experiment Station;
- W. van Fleet, M. D., Little Silver, N. J.;
- J. C. Whitten, Agricultural Experiment Station, Columbia, Mo.;
- C. W. Ward, Queens, N. Y.;
- H. J. Webber, and others representing the United States Department of Agriculture.

The co-operation of the following institutions has been promised:

- Bureau of Plant Industry, United States Department of Agriculture;
- Department of Agriculture, Dominion of Canada;
- Royal Horticultural Society of England;
- Massachusetts Horticultural Society;
- Society of American Florists;
- American Institute of the city of New York;
- New York Botanical Garden;
- School of Practical Agriculture and Horticulture, American Pharmacological



Piping suggested for steady subscriber.

PLANT BREEDING CONFERENCE, 1902.

The following preliminary program of subjects for the proposed International Conference on Plant Breeding and Hybridization, to be held in the fall of 1902, is announced by the council of the Horticultural Society of New York. The exact dates for the meetings are not yet decided upon and the program as given is subject to alteration:

1. Results of Hybridization and Plant Breeding in Canada. (Illustrated by specimens.)—Wm. Saunders, Director of the Central Experimental Farm, Ottawa, Canada.
2. Notes on Plant Breeding in California.—E. J. Wickson, Horticulturist, Agricultural Experiment Station, University of California.
2. Plant Breeding in New Jersey. (Illustrated by specimens.)—B. D. Halsted, Professor of Botany in Rutgers College, New Brunswick, N. J.
4. Hybrid Plums.—F. A. Waugh, Horticulturist, Vermont Agricultural Experiment Station.
5. Variations in Hybrids Not Appearing in the First Generation, but Later.—E. S. Coff, Horticulturist, Agricultural Experiment Station, University of Wisconsin.

Society, Torrey Botanical Club, Colleges and Experiment Stations of the United States.

Further particulars will be made public as arrangements are concluded. For information relative to the conference address all correspondence to the secretary.

N. L. BRITTON,
Chairman of the Council.

LEONARD BARROX, Secretary.
136 Liberty Street, New York.
August 24, 1901.

ON TO ASHEVILLE!

TO THE EDITOR OF THE FLORISTS' REVIEW: In reading the trade papers I read nothing but "kicking" because the 1901 convention voted to hold the next convention at Asheville, N. C., in 1902. Now, why do these members "kick" because they lost Milwaukee? Whose fault was it? I for one know, as I was present in the convention hall at the time the vote was taken, and if the members



The Garden of Hardy Plants in Lincoln Park, Chicago, with the Phloxes in Bloom.

who wanted to go to Milwaukee had not been away sampling the golden fluid, and the spokesman said so much about the Milwaukee golden fluid, they perhaps would have won. But the first two days of the convention we saw too many under the influence of this golden fluid, and I and a number of others voted for Asheville, N. C., and we feel we did right, and too much credit cannot be given Mr. McCloud for his noble address, and the fight he made.

I also see Mr. Grove P. Rawson (who, by the way, was not present because, he says, he had other fish to fry, and who must have forgotten that he could have salted or pickled them so they would have kept if he wished to attend the convention; or, still better, he could have brought them along, as we had a special train and could have had a fried fish dinner and no doubt given Brother Rawson a vote of thanks for his floral fish dinner) and he also refers to Mr. William Scott, our past president, as Brudder and Great Scott, and says he had changed his tune and ought to be spanked, etc. Now, Mr. Scott is no nigger, nor was he a nigger in the fence in the matter of Asheville, as the convention at large voted him a set of engrossed resolutions, which shows what they think of his noble work for the S. A. F. in the past and at the Pan-American exhibition. As to the president's reception, Brother Rawson quotes some good ideas, if they are carried out, that is name a press committee who would have published in all local papers a notice of the convention ahead of time and invite the public, as also supported by Mr. James M. Lamb, of Fayetteville, N. C.

Now, the whole thing looks like the cow who had a good pail of milk and then kicked it over, and afterwards was growling because she did so. Now, the spirit that each member should have and express at the present time is, success to Asheville, N. C., convention in 1902, and then success shall crown our S. A. F.,

as we have elected men we can trust with the management of our society, and who will not make it a trust or a clique club.

So now, brothers who feel so sore because they lost Milwaukee, from now on pull off your coats and work to make Asheville convention in 1902 a success and it will rebound with good to our society and ourselves, and I am sure all will be found in line when the convention meets, and will say we who voted in 1901 made no mistake, but will want to go there soon again. So, yours for success for the S. A. F. and the 1902 convention, with a big tiger.

HENRI BEAULIEU.

Woodhaven, N. Y.

BUFFALO.

The writer is hardly able to judge how business has been for the past week as it has been a very much broken up one for him. Good flowers are none too plentiful. Asters seem to be of an inferior quality, and this is general with all the growers of the neighborhood. Plenty of gladiolus are coming in and sweet peas are still to be had. It is to be hoped that we shall soon have better roses. With the exception of Kaiserin they have been very so-so for some time past. Some enterprising man ought to plant half an acre of Cochet, for it seems to be the ideal rose for summer use.

I find that all the florists did not come to the convention, for there has been a good sprinkling arriving right along. The attendance at the Pan-American for the past two weeks has almost reached the desired point, and yesterday, Labor Day, there were nearly 104,000. President's Day comes on next Thursday, when the crowd is bound to be large.

We have had some very copious rains this past week, which, although it is rather damaging to the flowers, is keeping the grass and everything green. I would particularly like visitors to see the aquatic basins in front of the Man-

ufactures Building and the other in front of the Machinery Building. The basin containing the hardy nymphs and nelumbiums is now remarkably fine. There are some sixteen varieties of nymphs in boxes, each containing some ten to twelve plants and it is a beautiful sight in the early morning, when they are at their best.

Messrs. Groff and Cowee are still keeping up a magnificent display of their gladiolus. They had on exhibition some 10,000 blooms one day last week when it was photographed and I hope soon to send the florists' journals copies. In the grounds the dahlias are coming into bloom. These I was somewhat nervous over but they are doing splendidly. The herbaceous borders are still very attractive. I wish I had time to send a list of all that is to be seen in them and will endeavor to do so later. There are some things there not generally known that I believe would be valuable to florists.

The cannas are now at their very best, and I can scarcely believe more brilliant beds have been seen elsewhere. Tarrytown is a magnificent sight and so is a bed of Dwarf Florence Vaughan, the exhibit of J. C. Vaughan. Even the tuberous rooted begonias, of which so many are sceptical as an outside bedding plant, are very fine. One variety exhibited by Henry A. Dreer, called Duke Zeppelin, is as brilliant as a bed of geraniums and much more pleasing. Beds of asters are also very gay. One of the most interesting beds on the grounds is a large irregular group of grasses, the exhibit of H. A. Dreer. It contains the Arundo Donax (its variegated form), several species of eulalia and Pennisetum. A very striking bed is a large circular one of Tritoma Pfizerii. Altogether I believe that the grounds have never looked better than they do at the present, and I cannot but wish that every florist in the country had one quiet walk through it, for I do think some things are doing about as well as it is possible to do. W. S.

PHILADELPHIA.

The Market.

There are more people on the streets in the shopping section of the city, a sure sign that the tide is turning city wards again. Business is fairish; those who are in earnest are doing surprisingly well these days. Beauties are unchanged from last report; Brides and Maids continue to improve in quality and in popularity; \$3 and \$4 per 100 is still the market price for the best. It was premature to say that asters were on the wane. There are still a great many and they are very useful; the price remains unchanged. Leo Niessen has handled a large number of these flowers the past week, and also of gladioli. The latter is low in price.

A pretty and seasonable Labor Day novelty is the dahlia as grown by W. P. Peacock of Ateo, N. J. The colors are a fine double yellow and a scarlet; they are very decorative. S. S. Pennock is handling them.

William Wood, of Trenton, is sending in fine Kaisersins to S. S. Pennock.

Various Items.

The stores are brightening up a bit; more attention is being paid to the show windows now that fall is here.

in a pot, in all sizes from 8 inches down. Here, as in nearly all our other up-to-date places, very tall specimens are conspicuous by their absence—it is not good policy to grow them too large when they can be sold in medium sizes. The seed of this variety is sown in plain soil covered with peat.

Areen lutescens is second in point of numbers and was also in every size from 8 inches down. One especially fine batch in 6-inch pots was made up from three 3-inch plants and was a treat to see. Mr. Taplin thinks the lack of scrubbing was of benefit in this case—no, they did not remain dirty, they never got dirty; Jennings Bros. evaporating pans are used and scrubbing isn't needed. Eight pans are used to a house 100x23, four on each side placed on the pipes alternately. These are filled with tobacco water and are kept actively at work while firing lasts. Some nice 4-inch plants of this variety were made up from 2-inch plants, considered better than making up from the seed pan.

Latania borbonica came next in point of numbers and was fine. The 10-inch and 8-inch were especially well done; the former size is scarce. Kentia Fosteriana included some good 3-foot plants in 8-inch pots. Pandanus utilis was free from spot and looked promis-

quite an important point in this item of the expense column.

The strife among busy florists as to who shall go first to the telephone has been lessened by the tacitly understood rule that the greater comes last. The less distinguished man must meekly "hold the wire" while the boy at the other end gets the great man. This is plain enough when a humble countryman wants a haughty townsman or a poor grower wants a wealthy retailer or commission man, but what do you think happens when H. H. Battles calls S. S. Pennock?

This is the season of the year when the Beauty growers feel sympathetically drawn toward that passage in Shakespeare in which Lady Macbeth, who has just murdered her husband's rival, General Banquo, is described as washing her hands while walking in her sleep and saying, "Out, damned spot."

The club meeting was held on Tuesday evening and was well attended. G. C. Watson, Leo Niessen and Robert Kift, talked about the Buffalo convention and what they saw and learned there. The present officers were renominated for another term. PHIL.

CHICAGO.

The Market.

The supply of roses and carnations is slightly larger than last week, but there is practically no change in prices. The best teas bring \$4, with a few extra good Kaisersins going as high as \$5. Beauties are coming in more freely, but the demand is brisk and the best grades are still scarce. On carnations \$1.50 is still top price for the best, and those that bring this figure are generally fine whites. A large share of the cut is sold at \$1, and the poorest go at as low as 60 cents. Asters are not moving quite so freely, though \$1.50 is still obtained for extra select blooms. The poorer grades go at as low as \$3 to \$5 per 1,000. A few good auratum lilies are still coming in, and they go quickly at as high as 15 cents a bloom for the best. Gladioli are still in evidence, but are almost unsalable. Hydrangea paniculata and similar stock is on sale, but it moves slowly at low figures.

Shipping trade is picking up rapidly, and the prospects are bright for an excellent season.

Kennicott is receiving some very fine princeps adiantums that sell at \$2 a hundred.

Various Items.

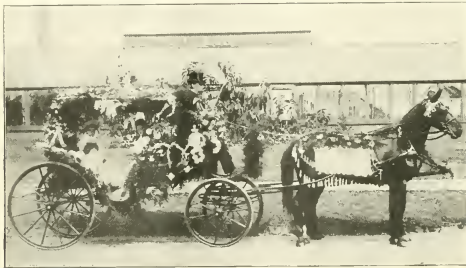
Mr. and Mrs. P. J. Hanswirth start this Thursday for New York, where Mr. Hanswirth will attend the Great Council of the Red Men, in which he is an official of high degree. Stops will be made at Niagara Falls and Buffalo on the way, and they expect to be away about two weeks altogether.

The Harms Park Floral Company have been fortunate with their field grown carnations this year as well as with their asters. The plants they are benching are extra good. They grow mushrooms under the benches and find it profitable.

Mr. E. E. Pieser, of Kennicott Bros. Co., is now in Michigan "doing" that state.

Mr. and Mrs. Buechel, of the Riessen Floral Company, St. Louis, were recent visitors.

Web Randall has returned from a visit to his old home in Pennsylvania, and brought back with him seven pounds of additional avoirdupois.



Decorated Vehicle Entered by the Detroit Floral Co. in the Recent Industrial Parade, Detroit, Mich.

Charles Thomas has returned to his old location in the former Baldwin place, now being turned into a theater, and serenely offers flowers despite the turmoil around him.

The Henry A. Dreer Company are displaying the Buffalo Florists' Club's silver cup in their window this week, together with a photograph of their prize winning group of foliage plants.

Edwin Lonsdale has planted 1,400 Queen of Edgely roses in his houses for the coming season.

The seed stores have an extra force this week preparing to handle the fall rush.

Charles D. Ball, of Holmesburg, has a thrifty lot of palms of standard varieties. W. H. Taplin, the manager, was very busy getting out early orders when I called on Labor Day, but he made time to show me the plants of which he is justly proud. Kentia Belmoreana is here in great numbers. Clean, sturdy stuff that ought to do well anywhere; some single and some made plants, three

ing; it was chiefly in sizes from 6 inches down. Pandanus Veitchii was stocky and evenly colored; the salable sizes were getting scarce. Dracaena terminalis in 6-inch pots was beginning to color nicely. Livistonia rotundifolia, when cool grown, is found satisfactory in most cases. Ficus elastica variegata is considered a good house plant.

Three houses have been torn down and rebuilt since my last visit and these have been fitted up with Garland's iron gutters, considered very satisfactory, ice and snow melting readily.

The coal men are eager for orders now, following up all possible customers with energy. The rate on the florists' sizes, buckwheat and pea, is higher now than it was one year ago, yet the outlook is so uncertain that it seems wiser to lay in the entire winter's supply this month than to risk the higher prices which experts predict after Oct. 1. Another reason in favor of buying now is that the probability of getting a first-class article is much greater than in the winter;



Floral Float entered by B. Schroeter in the recent Industrial Parade, Detroit, Mich.

George R. Scott returned from a four weeks' stay at the country place in Michigan to find that burglars had ransacked his city mansion during his absence and removed his Sunday trousers. He will wear cotton batting and oilpaper this winter.

Bowling.

At a meeting of the Bowling Club held last Thursday evening the Edgely Cup was ordered suitably engraved and stored in a safety deposit vault until further orders. It was decided to inaugurate another series of trade league games, to start the first week in October, and Messrs. P. J. Hauswirth, E. F. Winterson, George Stollery and Charles Balluff were appointed a committee to organize four teams and arrange details. It was also decided to assess each team \$5, giving the sum of \$20 to expend for prizes, and a committee, consisting of Messrs. Hauswirth, Asmus and Winterson, was appointed to secure special prizes. A vote of thanks was passed to the Buffalo bowlers for courtesies extended during the recent national tournament. After the meeting a number adjourned to the alleys, and the scores of the two games follow:

Jos. Foerster.....	234	146	E. Winterson.....	160	172
P. J. Hauswirth.....	184	187	F. Stollery.....	185	164
G. Stollery.....	186	173	G. L. Grant.....	163	124
W. Krotling.....	152	125			

BALTIMORE.

Trade and Personal Notes.

Trade has been fairly good for the week ending with this writing (September 2). Asters are abundant and are now quite good. Just how long they will continue depends upon the number and voracity of the beetle, which, though late in arrival, is to be counted now as a factor of the situation. Messrs. Lotz and Woodfall have each about an acre and their theory is that only a certain number of bugs come, so that a portion of a crop is safe anyway.

Cochet roses are improving in quality. So are Perles, but the demand for these lessens as the white Cochet's grow better. American Beauties are just beginning to come in, and no Brides or Maids of any merit are yet in evidence. Pink

carnations are plentiful, but whites are scarce and in demand.

The board of managers of the House of Correction, a state penal institution, it is announced, will put up a greenhouse. Since it is incredible that its products are for the delectation of its inmates, and equally so, that the flowers are for the use of the officers and managers of the establishment (for the public would hardly tolerate that) it would seem that they will come upon the market.

It is said that the largest family business by far this summer in this city has been done by a member of the trade who rents the glass and commands the labor of inmates of another reformatory institution for juvenile offenders, the terms of his contract, of course, not being publicly known, though it is understood to be an extremely liberal one.

A member of the Gardeners' Club here, at a recent meeting, introduced a scheme for the legislature to appropriate sufficient money for the construction of a greenhouse at the State Agricultural College. As there is already at that seat of learning quite a large glass structure (ample, it would be supposed, for the technical uses of the school), the question here recurs as to what is to be done with the products from this new house.

A virile and active trade organization might well find effective work in creating a moral sentiment and compel legislative enactment against the growing in public institutions of products which are to go upon the market in competition with those of its own members. Is it possible that the Gardeners' Club is willing to have its members and the other citizens of the state taxed to erect greenhouses, the products of which, at least those of the first two institutions indicated, grown by the labor of criminals, will come into competition with their own. If they are, indeed, they are far more tolerant than the men of other trades, who would storm the doors of the legislature rather than such things should be.

Here is a far more pregnant field of usefulness than cuttings or even flower shows, for a compact and well directed organization of gardeners and florists.

Alex. Scott, manager of the Florists'

Exchange, was out of town for a few days last week, his sad errand being to attend the obsequies of a deceased brother, David Scott, a florist at Fredonia, N. Y.

Robert L. Graham was *hors de combat* for a couple of weeks from a nail wound in his foot, which for a time gave him much pain and uneasiness. He is recovering now.

William Christie is recovering, too, slowly from the effects of the Buffalo trip, sighing for new Buffaloes to conquer, and quite of the mind that there shall be no more conventions without him, uncurd and incurable of his joking propensities, his roving capacity unimpaired and no edge taken off his wit and humorous sayings.

Richard Vincent, Jr., who is one of the oldest patrons of husbandry in this state, had at his fine place at White Marsh last week an assemblage of prominent Grangers, including the Masters of the National and the Maryland Granges, to rehabilitate a grange of which he and his family are members. His visitors enjoyed greatly an inspection of his large range of houses and attractive grounds. John Donn has sold his plant on Erdman avenue to John Glass, well known as an efficient and industrious gardener, who will doubtless make the place pay. The consideration is said to have been \$5,000. R.

ST. LOUIS.

Trade and Personal Items.

The weather has been cool and delightful, but we have had no rain to speak of. There is a notable improvement in the stock of cut flowers coming into this market. The roses coming in are much better than they were a week ago.

From all indications, Fred Ammann of Edwardsville, will break the record on Perle roses, and perhaps on Beauties this season. The stock is handled by C. A. Kuehn.

The Anchorage Rose Company of Anchorage, Ky., are sending in some fine Maids and Brides. The stock will be handled by F. M. Ellis this season.

The Beauty stock of George M. Kellogg of Pleasant Hill, Mo., which is large and fine, is handled by H. G. Berning.

The roses that came in last week sold for \$1 to \$3 per 100 for common; American Beauties, from \$2 to \$10 per 100. They were retailed for 75 cents to \$1.50 per dozen, and good stock at that.

Carnations are not so plentiful, in fact are very scarce, that is, good stock. Quite a lot of poor, short-stemmed ones come in which don't sell well; \$1 per 100 is the general price. Housing the plants is progressing favorably and our growers have plenty of work for the next month to come.

Asters are very plentiful, but only the large white and purple ones are in demand. The bulk of them go at 50 cents to \$1 per 100; a few extra fine Simple's go at \$1.50.

Plenty of tuberose stalks, both single and double, which sell from \$3 to \$4. Gladioli stalks have been a glut; very little sale for them. Smilax is in great demand, with none in the market.

Mr. A. Schuerman and family enjoyed a ten days' visit at the Pan-American in Buffalo.

Mr. William Trillow, one of the old-time members of the Florists' Club, is in town calling on the trade and his many friends.

J. F. Howard, the florist of Hot

Springs, Ark., was a visitor the past week.

John Young and family have returned from Lincoln City, where they enjoyed their three weeks' stay very much.

John W. Kunz has left the employ of H. G. Berning and it is rumored will again try the retail business this fall.

Otto Koenig spent all of last week in Louisville attending the Sir Knights convention.

Shaw's Garden was open to visitors yesterday (Sunday), it being the second Sunday opening this year. The attendance was very large.

Bowling.

The members of the Florists' Bowling Club who are to play in the league games got together on Monday and played five games. The rolling was only fair, but will improve with cool weather. Mr. Trillow, of Chicago, was a visitor and rolled two games. Mr. Sturtz, our new member and who will be on the league team, came nearly being high man.

The scores are:

	1	2	3	4	5	Tot.	Avg.
J. J. Beneke.....	144	149	182	128	157	760	152
J. Sturtz.....	125	121	182	167	179	754	151
C. Kuehn.....	132	139	126	181	146	744	149
F. M. Ellis.....	107	151	139	.....	.....	447	149
A. Y. Ellison.....	136	136	134	176	134	716	143
F. C. Weber.....	96	132	124	138	145	688	138
Thos. Miller.....	87	143	86	105	84	505	101
Wm. Trillow.....	90	96	.....	.....	186	93	.....

J. J. E.

NEW YORK.

The regular monthly meeting of the New York Florists' Club will be held at their rooms, 19 West Twenty-seventh street, Monday evening next. Fall exhibition matters will be the principal business before the meeting.

The death of a few prominent citizens this week caused a little activity in the way of funeral designs. Thorley had the majority of the work; they were very busy on Saturday and turned out some very large and beautiful wreaths. Very few designs are seen nowadays except wreaths and bunches.

However, this little ripple of business was not felt in the wholesale district; where all is patience and disgust: the market is at a standstill almost. Thousands of roses are offered at \$2.50 per 1,000. The select few, and they are few, bring fairly fancy prices. Beauties bring from \$3 per dozen down; valley can be had for from \$1 to \$2.50 per 100; catteyas 50 to 75 cents each for select stock, and anything you like for the general run of outdoor flowers.

A letter from Buffalo requests us to inform P. Welch, of Boston, that the

duly press concerning these plants, and some have been kind enough to say we were the author of these criticisms; we didn't write them. We are rather inclined to praise the efforts of the few men who have succeeded in accomplishing so much for New York.

We would not have a Botanical Garden here were it not for the work of the Torrey Botanical Club. A mistake is made by having science appear too prominent at these institutions, but we are sure all the country will yet be proud of these gardens; only keep politics and ornamental humbugs out of it. Botanical gardens need the friendship and patronage of florists, not their indifference or antipathy. J. I. D.

TORONTO.

The first week of our Industrial Fair has been ushered in and escorted out with anything but favorable weather, particularly the last days being very wet and disagreeable, curtailing the attendance considerably. Nevertheless, those who had sufficient courage to face the elements were rewarded, for things are looking better, with more of them, as a rule, than at any of the recent annual exhibitions. However, the first week is principally just extra time, as it were, previous to the grand rally of the second week, when we look for an attendance in the neighborhood of 100,000 daily.

The pot plants have been staged and awards placed on them according to merit. I might mention, previous to giving a summary of the classes, that the judge must have found considerable difficulty in passing upon a number of groups, for had he closed his eyes and placed the cards he would not have gone very far wrong; it very often occurred that the first and second were so nearly equal that only after very careful consideration could the awards be made. Following are the awards:

Fifty distinct varieties foliage plants: 1st, Exhibition Park; 2nd, Central Prison; 3rd, Mantion Bros. While the Exhibition Park and Central Prison both had undoubtedly very fine exhibits, the particularly fine colored foliage of the former won the decision.

Group of plants arranged for effect (about 200 square feet): 1st, Horticultural Gardens; 2nd, Mantion Bros.; 3rd, Government House; 4th, Grainger Bros. The group by the Horticultural Gardens was very fine and easily deserved first, while the other three were worthy of their exhibitors.

Twelve cultivated ferns: 1st, Exhibition Park; 2nd, Central Prison; 3rd, Horticultural Gardens; 4th, Mantion Bros. The first two were particularly fine lots of plants.

Six adiantum ferns: 1st, Exhibition Park; 2nd, Central Prison; 3rd, Mantion Bros. The first two were very fine. 2nd, Horticultural Gardens; 3rd, Mantion Bros. Exhibition Park was disqualified for having a made-up plant, which was a *Farleyense* and a very fine.

New and rare plants never before exhibited in Toronto: 1st, Central Prison (*Tradescantia Victoria*); 2nd, Horticultural Gardens (*Hibiscus Manihoti*); 3rd, Exhibition Park (high colored croton). A peculiar part of this class was that the first and second were made-up plants and were not disqualified.

Orchid prizes were taken principally by the following in order named: Exhibition Park, Mantion Bros.; Horticultural Gardens (high colored poor); too early; not up to previous years.

Twenty-four ferns, 12 varieties, 6-in. pots: 1st, Exhibition Park; 2nd, Exhibition Park; 3rd, Horticultural Gardens; 4th, Grainger Bros. Very close judging was necessary in this class.

Caladiums, fancy: 1st, Exhibition Park; 2nd, Horticultural Gardens; 3rd, Grainger Bros. First two were very well grown plants with good foliage.

Twelve foliage plants: 1st, Central Prison; 2nd, Exhibition Park; 3rd, Government House. The following plants: 1st, Exhibition Park; 2nd, Mantion Bros.; 3rd, Central Prison.

Twelve palms, 9 varieties, 1st, Exhibition Park; 2nd, Central Prison; 3rd, Mantion Bros. A beautiful lot of stuff.

Twelve palms, 3-in. pots: 1st, Central Prison; 2nd, Exhibition Park; 3rd, Mantion Bros. Twelve palms, 6-in. pots: 1st, Exhibition Park; 2nd, Mantion Bros.



Bed of *Acalypha Macaefearna* in Lincoln Park, Chicago.

BED OF ACALYPHAS.

Among the new features of the bedding at Lincoln Park, Chicago, this summer is a bed of *Acalypha Macaefearna* bordered with *Abutilon Savitzii* and with a phoenix in the center, of which we present herewith an engraving from a recent photograph.

The *acalypha* makes a bright show and is a welcome change from colons for the purpose.

FRIDONIA, N. Y.—David Scott, the florist, died Aug. 27, of Bright's disease, aged 65 years. He was a brother of William Scott, of Buffalo. He was born in England and came to America twenty years ago. He had charge of one of the finest private places in Buffalo for seven or eight years, and afterward did considerable landscape gardening, laying out several of the finest grounds on Delaware avenue. For the past ten years he has been in business for himself here. The funeral was held last Friday and the burial was in beautiful Forest Lawn Cemetery, Buffalo.

Boston terrier still wanders up and down Franklin street to the terror of the coons; he'd make a good mascot for the old guard, Patrick; send for him.

The New York and Flatbush Bowling clubs compete for a prize on the Flatbush alleys this Thursday night. W. J. Elliott, of Dey street, prefers the bowling green to the bowling alleys; the club he belongs to owns a fine clubhouse and green at Communipaw, N. J. He is one of the team rolling against the Boston Club at Boston this week. William is rightly of opinion that the florists should organize a team to bowl on the green.

Prof. N. L. Britton and Prof. John F. Cowell started on Saturday on a collecting tour of the West Indies.

The new range of glass at the New York Botanical Garden is being built by Hitchings & Co., and will no doubt be finished before severe weather sets in. This range of houses will complete the finest range of show houses on the continent. They are at present occupied by a miscellaneous collection of plants given by citizens and institutions. Some very severe criticisms have appeared in the



Members of Canadian Horticultural Association at Springbank Park, London, Ont., August, 1901.

Selaginellas: 1st, Major Pellatt; 2nd, Exhibition Park; 3rd, Horticultural Gardens.
Begonias, Hex and flowering, were captured by Major Pellatt with very fine plants, as were also the geraniums and fuchsias, the other exhibit scarcely deserving mention.

You may wonder why the lilies and other flowering plants have not come in for fuller mention, but could you all see them you would agree with me that on the whole they are too poor and ragged to mention in the same column with the palms and foliage plants.

Cut flowers and designs come in next week.

Business has improved slightly this last week, with plenty of stock to supply all needs. C. W.

BACK-YARD GREENHOUSES.

Under the above title the Saturday Evening Post, of Philadelphia, prints an article in its issue of Aug. 24 that would be exceedingly humorous were it not likely to lead people into making investments that could not fail to result in financial losses and bitter disappointments. A paper "founded by Benjamin Franklin" should surely be old enough to know better than to print such misinformation. The article opens as follows:

Many a city back yard of ordinary size might be made to yield a comfortable income if the space were utilized in a common-sense fashion—that is to say, by roofing it with glass and converting it into a greenhouse for raising flowers and high-priced garden vegetables. Such a transformation could be easily accomplished with the help of a carpenter, and the cost of it would be relatively small, while the labor involved in carrying on such an enterprise is so light and pleasant as to be particularly attractive to women.

Most women, indeed, enjoy nothing so much as pottering about among growing things, and the profits to be derived from a business of this kind are surprisingly large, considering the size of the investment and the amount of work required.

The writer then goes on to recommend the growing of carnations, violets lettuce, mushrooms, etc., for sale to florists and restaurants. The idea of florists being anxious and willing to pay good prices for the floral product of such establishments (providing a product should result) is quite too funny in view of existing conditions. And to suggest that an entirely inexperienced person could at once attain success in the growing of cut flowers in paying quantities under such adverse conditions is even more humorous.

The professional grower who may have

happened to read the article in question undoubtedly dismissed it with a laugh. But how about any unfortunates who may be led into investing their hard earned savings in such a hopeless venture? Ought not those who know the inevitable result to take some steps to prevent the dissemination of such misinformation, or to counteract it after it has been disseminated?

POLLEN POTENCY.

The function of the pollen grain as a fertilizer of the embryo seed is a popularly recognized fact, and the biologist recognizes its potency to the further extent that, out of the myriad usually provided, a single one is sufficient for each individual seed. This latter fact, however, has been disputed, it having been claimed, on the evidence of diverse results in the offspring, that more than one grain, or its equivalent antherozoid, may influence the ovum so that in the progeny the characters of more than two parents may present themselves. Deep research goes, however, to prove that fertilization is effected on such definite lines that there is no room for a tertiary influence, the maternal and paternal primary cells being actually reduced to half-cells prior to their union, so that such union suffices to make one perfect cell, with all the potencies of the twain within it, and thus, like the lid on a pill-box, at once completes the structure and excludes further addition.

Recent research, the results of which have been published in the Botanische Zeitung by Herr C. Currens, points to certain phenomena in this connection which are extremely interesting, not merely to the scientific botanist, but also to the practical horticulturist as a crosser and hybridizer, or even as a selective cultivator on simpler lines. This investigator's experiments tend to show that, in the first place, a certain percentage of the pollen grains are in some cases functionally useless, so that to insure fertilization at all a greater number must be applied to the stigma than there are incipient seeds to be fertilized and that, in the second place, when an abundance of pollen is applied there arises a competitive race among them as their tubes traverse the tissues of the stigma in order to reach the ovaries at its base, and that, eventually, it is the stronger and more vigorous grain which

effects the fertilization, this greater strength and vigor finding expression in the better constitution of the offspring.

In this simple fact, for fact it probably is, though further experiment is necessary to establish it as a general law, we see at once an explanation of the enormous numerical disproportion of pollen grains to fertilizable seeds. Most flowers produce thousands of grains against scores of seeds, the disproportion being the least in cleistogamous flowers, which present no opportunities for scattering, as they fertilize themselves, and the greatest in wind-fertilized plants, where millions are dispersed upon the breeze, of which a relatively minute minority can possibly be effective. In all cases, presumably, there is a proportion maintained between the greater or less certainty of conjunction, and, doubtless, a very large amount of the seeming waste of pollen constitutes a sort of insurance premium for the better security of the existence of the race.

From the experiments above mentioned, however, we can deduce another reason for the abundance, as it admits of a sort of sexual selection from a crowd of suitors, the race is obviously beneficial to the race in the long run. This also doubtless accounts for many cases of little understood protency, since it is quite clear that pollen grains which produce and extend their tubes more rapidly than their fellows are practically bound to be first in the race, and hence to impress their character the more prominently on the eventual batch of seedlings.—*Gardener's Magazine.*

STERILIZED SOIL.

A grower of roses for the Chicago market, Mr. F. Stielow, of Niles Center, uses naturally sterilized soil in his rose houses. He digs clay out of a pit—just such clay as is used in making bricks—and composites it with manure for a season. It is then mixed over and used in the rose benches. It looks decidedly unpromising, but it grows good roses.

LAWRENCE, KANS.—A. Whitcomb, the veteran florist, died Aug. 24, aged 74 years. The business will be continued by the son, A. H. Whitcomb, under the old firm name.

SAMUEL S. PENNOCK, WHOLESALE FLORIST, PHILADELPHIA, PA.

A fine Sample Card, showing our line of Ribbons, made especially for the florist trade, will be mailed to anyone upon application.

Commencing June 24th and continuing during the summer months will be open from 7:30 a. m. to 6:00 p. m.

1612-14-16-18 Ludlow St.,

Mention The Review when you write

BOSTON.

Trade Conditions.

The ever kaleidoscopic situation here has been jostled a bit. Pinks are really scarce, especially colored ones. There are no good ones and the best that can be found are worth 2 cents each. Sweet peas seem to have dropped out of the race, but small white flowers, which have been bashful, are now quite forward.

Asters—well, you know what they must be at this date; but good, large ones sell quite well at 1 cent, while smaller ones sell less readily at from 25 to 50 cents per 100.

Roses? Don't say a word. If you try to say a word for each rose of the daily supply you will need a larger dictionary than now exists. The price upon them runs from 50 cents to \$8 per 100. Red ones not yet very much in evidence.

Stores about town are sprucing up generally and the extensive repairs at Galvin's Tremont street place are done. They make the store a worthy feature of the sights of the city. The walls are fairly covered with huge mirrors, giving the idea that the store extends from about Court street to Boylston street. Multiplying his big Back Bay store by two is, of course, a huge problem, and is only yet well under way. It will be a tremendous affair when done.

W. H. Elliott, having roofed in all the available hills of Massachusetts, has begun upon the little irregularities in the natural scenery of New Hampshire. The Stearns Lumber Company has sent him up the material for a small matter of 600 feet long by 51 feet wide.

J. S. MANTER.

CINCINNATI.

Various Notes.

There has been a steady demand for flowers during the past week. Carnations are in good demand and the supply is not large enough to go around. The price ranges from 50 cents for those cut in the field to \$2 per 100 for the first cut of fancies. Field carnation blooms have not been much of a success this year. In fact, many of the growers are very much discouraged owing to the small size of the plants they will be obliged to house. Although we are now having fine growing weather, it did not come till so late now, it will do but little good.

Roses seem to be doing nicely everywhere. The quality is improving slowly but surely, and indications are that we shall have good stock for the coming season. Brides, Bridesmaids and Meteors go at from 2 to 4 cents. There are very few long-stem Beauties coming in as yet. Those with twelve to fifteen inch stems sell at \$1 to \$1.25 per dozen. Short stems go at 3 to 4 cents. There is a good demand for Beauties in this market, and good prices can be obtained for them. At present the supply is next to nothing.

The late northern asters have not made their appearance as yet, but are expected to arrive this week. Those grown about

this city are almost all cut out. The few remaining ones are short-stemmed, and sell for 50 cents per 100.

Business for the month of August was considerably ahead of that for the previous year, which, of course, is an indication of continued prosperity. I can see no reason why the coming season will not be a record-breaker if the supply of good stock be anywhere near the demand.

The annual harvest home, which is held at Westwood, occurred during the past week, and Mr. Ernsthoff, George Murphy and J. T. Conger were present competing for the prizes offered for plants and cut flowers. Honors were fairly well divided among them.

Mr. Walter Mott, of H. A. Dracer, Philadelphia, and Mr. Henry Behrens, of Middletown, O., were in the city recently.

Mr. Behrens is rebuilding his place, and now has everything in shape for the coming season. C. J. OILMER.

GEORGE NICHOLSON.

Mr. George Nicholson, author of the Dictionary of Gardening, has retired as curator of the Royal Botanic Gardens, Kew, England, a position he has held for many years, on account of impaired health. His many friends in America as well as elsewhere, will be deeply grieved to learn that he has been obliged to retire for such a reason.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every advertiser is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A florists' refrigerator, in good condition; give description, size and price; it must be at least eight feet wide, seven feet high and three and one-half feet deep; must keep temperature below fifty. Address C. F. D., care Florists' Review.

WANTED—At once, married man, who fully understands the growing of carnations; must be honest and reliable, and capable of taking charge of 2,000 feet of glass; state wages with dwelling, and full particulars. Nic Zwielfel, cor. 14th st. and Groeling ave., Milwaukee, Wis.

WANTED—Rose grower for section; 750 plants, one carnation helper. J. F. Wilcox, 31 Broadway, Council Bluffs, Ia.

WANTED—Cut-flower buyers to know that E. G. Gillett, 115 East Third St., Cincinnati, O., handles the best stock in the city. All flowers in season. Growers, send me your consignments. Satisfaction guaranteed.

SITUATION WANTED—By first-class grower and propagator, commercial or private; first-class references as to character and ability; state full particulars. Address C. M., care Florists' Review.

FOR SALE—One of the best located greenhouses and office in Philadelphia, surrounded by five cemeteries; a great cut flower trade and the care of cemetery lots; opposite Mt. Peace Cemetery; sickness reasons for selling. Address Mrs. Doderer, 51st and Lehigh ave., Philadelphia.

FOR SALE—\$5.00 buys a first-class hot water circulator; will heat 400 feet of glass; will take some carnation plants as part payment. Geo. Stauffer, Springfield, Mo.

FOR SALE—One steam pump; 2-in. suction, 1 1/2-in. discharge, cheap for cash; one 6 1/2 p. boiler with engine attached, cheap for cash. H. P. Smith, Piqua, Ohio.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.
Mention The Review when you write.

FOR SALE—One horizontal tubular boiler with dome attached, capable of heating 1500 to 2000 square feet of glass, for \$300.00 cash if taken at once. W. G. Haeblich, Auburn, Ind.

FOR RENT—Lots for retail greenhouses, 71st and Indiana aves.; two railroads, electric cars to cemetery. Address Seebach, Para, Ill.

SITUATION WANTED—By young man, 21, as assistant gardener or take charge of small private place; sober and industrious; four years' experience; will answer all letters. James Courtney, Geary, Oklahoma.

SITUATION WANTED—By a young man, 22; 10 years' experience in general greenhouse work; private or commercial. Wm. James Eilerd, care Palace Hotel, Cincinnati, O.

WANTED—At once, experienced greenhouse man. Plant has 8,000 square feet of glass. State wages and full particulars. Married man preferred. Address T. H. Harvey, Sec'y, Marshall, Mo.

WANTED—Market gardener, to work place on shares; German; must speak English; married man; full particulars. Married man preferred. Address T. H. Harvey, Sec'y, Marshall, Mo.

FOR SALE—800 ft. 4-in. pipe at 8c per foot; good condition. T. L. Metcalf, Hopkinsville, Ky.

FOR SALE—45 boxes American glass, 16x24 city of 7,600 plants; usually never unpacked; bought more than I needed. What will you give? F. O. B. Whitesboro, N. Y. W. A. Rockland, Rosemary, Whitesboro, N. Y.

FOR LEASE—350 ft. of glass in good collere city of 7,600 plants; no good business; terms heat. Address C. K., care Florists' Review.

FOR SALE—Cheap; one Model boiler in good condition; only used two winters; should not be compared with old worn out boilers; will heat 2,000 ft. 4-inch pipe; also a few hundred feet of old pipe, 3/4 to 1 1/2-in.; 3 and 4-in. boiler tubes for heating purposes. Davis Bros., Morrison, Ill.

FOR SALE—Greenhouses in one of the best cities in Michigan; 11,000 feet of glass; good business; everything right; the price will scare you; must be sold on account of death. Address 50, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in., guaranteed sound. W. H. Sailer, Rochester, N. Y.

FOR SALE—The most profitable retail cut flower store in the finest residence district of Chicago (Rogers Park); stock, ice box, counter etc.; price, \$300.00. Address A. B., care Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR SALE.

A FINE PIECE OF PROPERTY FOR FLORISTS' PURPOSES IN BALTIMORE.

I offer for sale a ten acre lot fronting 550 feet on the north side of the New North Boundary Ave., with a frontage of 800 feet on St. George Ave., (old retail and wholesale trade; desirable as a location for a florist. It is all in lawn except immediately around the house. Improvements are a 13-room detached 1 1/2 story desirable well built up and is only 24 minutes from the city hall. Price \$15,000. Terms easy. Address

BALTIMORE, care Florists' Review.

IMPORTANT! To Make Room,

I offer the following **PALMS** of the most profitable sizes for growing on. They are home grown (never been sea sick), strong and healthy, free from insects and disease, and are of unusual good value at prices quoted. Just the kind of plants that will grow rapidly into money for you. **ORDER NOW.**



KENTIA BELMOREANA.

ARECA LUTESCENS.		Per doz.	Per 100.
2 inch pot, 1 plant in pot, 6 to 8 inches high.....	Per 1,000, \$45.00	\$1.00	\$ 6.00
4 inch pot, 3 plants in pot, 15 inches high.....		3.00	25.00
6 inch pot, 3 plants in pot, 20 inches high.....		9.00	75.00
6 inch pot, 3 plants in pot, 24 inches high.....		12.00	100.00
		Each. Per doz.	
8 inch pot, 3 plants in pot, 30 inches high.....		\$2.50	\$30.00

KENTIA BELMOREANA.		Per doz.	Per 100.
2 1/2 inch pot, 3 to 4 leaves, 8 inches high.....	Per 1,000, \$100.00	\$1.50	\$12.00
3 inch pot, 4 to 5 leaves, 10 to 12 inches high.....		3.00	25.00
4 inch pot, 5 to 6 leaves, 15 inches high.....		4.50	35.00
5 inch pot, 5 to 6 leaves, 20 inches high.....		9.00	75.00
		Each. Per doz.	
6 inch pot, 6 leaves, 24 inches high.....		\$1.25	\$15.00
6 inch pot, 6 to 7 leaves, 26 to 28 inches high.....		1.50	18.00

KENTIA FORSTERIANA.		Per doz.	Per 100.
2 1/2 inch pot, 4 leaves, 8 inches high.....	Per 1,000, \$100.00	\$1.50	\$12.00
3 inch pot, 4 leaves, 12 inches high.....		2.50	20.00
4 inch pot, 4 to 5 leaves, 15 inches high.....		4.50	35.00
		Each. Per doz.	
6 inch pot, 5 leaves, 24 to 28 inches high.....		\$1.00	\$12.00
6 inch pot, 5 to 6 leaves, 30 inches high.....		1.25	15.00
6 inch pot, 6 leaves, 28 to 32 inches high.....		1.50	18.00
7 inch pot, 6 to 7 leaves, 30 to 36 inches high.....		2.00	24.00

JOSEPH HEACOCK, - - Wyncote, Pa.

A UNIVERSAL MISTAKE OF THE RETAILER AND GROWER.

Ma. Editor: Did it ever occur to you, when you see stock lying on the counters of the wholesale houses in a morning, that it was wasting money and good flowers that ought to be in water. The grower should insist on having his stock put in water as soon as it reaches the commission man, but if it is, the retailer thinks it is not fresh and has been kept over from the day before. Well, he is the one who suffers when he takes home the stock that has been out of the water for two or three hours. It certainly will not keep as long as if it had been in water that long, and if the stock is not sold that morning the grower must stand the loss, as it will not bring as much by 50 per cent the second day.

Let the grower insist on having his stock in water and let the retailer insist on getting his stock out of water, then the commission man will do his part.

CRANK.

ELMIRA, N. Y.

The Elmira Horticultural Society holds several exhibitions each season and finds that more and more interest is taken each succeeding year in growing the finer varieties of flowers.

At the rose exhibition in June there were several grand collections of the newer varieties of hybrid roses. The grand prize—La France silver cup—was won by Eugene Laing with eighty varieties. The sweet pea show, August 1, brought out some fine home grown flowers and a splendid display from the Steuben county experts who did so well

PANSY SEED GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package, 25c; 1/4 oz., \$1.00; 1 oz., \$4.00, free by mail. Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you. Seedsman's orders not accepted. (CASH.)

A. Mitting, Loomis, Cal.

Mention The Review when you write.

at the Pan-American sweet pea show. A chrysanthemum exhibition is being planned for the first week in November, and the school children are growing plants to exhibit at that time.

Among the other activities of the society is the improvement work, trying to arouse public interest in beautifying the city by means of free lectures and meetings. Also we are working in connection with the school authorities to interest the children in growing flowers. Thousands of packages of seeds were sown and plants are being cared for preparatory for a competitive exhibition soon after school begins next month. Quite a list of prizes is offered by members of the society and public spirited citizens and the competition promises to be keen.

There is considerable building and rebuilding of greenhouses here and in a future letter I will give details. H.

...A... BARGAIN

in young PALMS

for growing on. 3-inch pots.

	100	1000
Areca Lutescens.....	\$ 6.00	\$ 55.00
Corypha Australis.....	6.00	55.00
Latania Borbonica.....	5.00	45.00
Phoenix Reclinata.....	6.00	55.00
Phoenix Canariensis.....	5.00	45.00
Phoenix Leopoldii.....	5.00	45.00
Kentia Belmoreana.....	15.00	140.00
Kentia Forsteriana.....	15.00	140.00

Out of 2-inch Pots.

	100	1000
Seaforthia Elegans.....	\$ 4.00	\$ 35.00
Livistonia Rotundifolia.....	6.00	55.00
Caryota Ureca.....	6.00	55.00
Areca Sapiida.....	8.00	75.00

All of the above stock is absolutely clean and extra good value for the money. Will send a sample lot, one of each variety, on receipt of \$1.00.

J. B. HEISS, The Exotic Nurseries, DAYTON, OHIO.

CYCLAMEN, PERSICUM and GIANTEUM for Christmas Blooming. Fine large healthy plants. 3-inch, \$5.00 per 100. 4-inch, \$5.00 per 100. **Asparagus Plumosus Nanus**, 3-in., \$5.00 per 100. **Sprengeri**, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100; 4-in., \$1.00 per doz. **Chinese Primroses**, 2-in., \$2.00 per 100. **Chinese Primroses**, white and mixed, 3-in., \$3.00 per 100; 3 1/2-in., \$5.00 per 100. **SAMUEL WHITTON, 16-17 Gray Ave. UTICA, N. Y.**

VALLEY WE HAVE IT LEO NIESSEN, Wholesale Florist,

IN ANY QUANTITY.
THE BEST IN THE MARKET
ONE OF OUR SPECIALTIES.

N. W. Cor.
13th & Filbert Sts.
Philadelphia, Pa.

LONG DISTANCE PHONE 3-36-09.

Mention The Review when you write.

MOBILE, ALA.

C. Xavier & Sons report trade during the summer as very good compared to that of previous years. They were kept very busy on floral work for funerals, the demand for floral designs surpassing that of any other summer. They are preparing to put in their carnations about Sept. 15. Roses seem to be doing very well considering the hot weather. They tried some field grown carnations this year and the plants turned out very well. They are fit for benching this season.

The storm of the 16th did considerable damage. A good many shade and ornamental trees were blown down and several sash broken.

A. Duplon suffered considerably. One side of his greenhouse was very badly damaged and his chrysanthemums were all blown over.

L. Thublin is putting up a greenhouse 12x50 for propagating purposes.

G. Bitzer reports trade as very good. His place was very badly damaged by the storm; his out of door plants were washed out and his chrysanthemums were badly injured.

The Little Gem Floral Garden (H. P. Lading) reports summer trade to be very good, the demand for flowers being much larger than last year. He reports very little loss by the storm.

The Industrial Gardens report summer trade very good. Their outdoor plants were all pretty badly damaged by the storm, but everything indoors is all right. Their palm house is a beautiful sight.

Miss Marie Minge reports summer demand for flowers to be far greater than any summer previous. Her roses are doing very well. She is preparing to put in her carnations about Sept. 15.

Mrs. M. Goodbrad reports trade as very good considering the very bad weather we have been having this summer. She intends going to New York next month to visit her daughter, Mrs. J. Sanders, and while there will pay a short visit to Buffalo to see the florists and also the exposition.

Mobile is rapidly coming to the front, and from the outlook the demand for flowers this winter will be much larger than ever. F.

MINNEAPOLIS, MINN.

A recent heavy hailstorm did serious damage to many of the greenhouse establishments in this city.

R. J. Mendenhall was one of the heaviest losers, plants being badly cut and injured, as well as a great deal of glass broken. The R. Wills greenhouses lost a good share of their glass, and carnations in the field were also badly injured.

The Donaldson greenhouses lost heavily in glass, and many others had smaller amounts broken. It will be very difficult to make all repairs before winter sets in. Glass is in great demand here, a thousands of windows and skylights were broken by the hail.

..Latania..

Headquarters for PERFECT Stock.

WALTER RETZER & CO.,
2045-49 Clarendon Avenue, CHICAGO.
(NORTH HALSTED STREET)

Special attention is drawn to the fact that the plants offered below are PERFECT, most of them having their seed leaves still attached, a proof in itself that the plants are grown properly. They are stocky, clean and of good color.

LATANIA BORBONICA.

	Per doz.	Per 100
5-inch, 5 to 7 leaves	.....	\$5.00
6-inch, 6 to 8 leaves	.....	\$4.00
7-inch, 7 to 9 leaves	.....	12.00
8-inch, 9 to 12 leaves	.....	22.00
		175.00

KENTIA BELMOREANA.

	Per doz.	Per 100
4-inch, 6 leaves	.....	\$5.00
5-inch, 7 leaves	.....	9.00
		70.00

ASPARAGUS PLUMOSUS.

2-inch	.....	per 100,	\$5.00
3-inch	.....	per 100,	8.00

ASPARAGUS SPRENGERI.

2-inch	.....	per 100,	\$5.00
3-inch	.....	per 100,	8.00

KENTIA FORSTERIANA.

	Per doz.	Per 100
4-inch, 4 to 5 leaves	.....	\$4.50
5-inch, 5 to 6 leaves	.....	7.50
		335.00
		60.00

Palms and Ferns.

SPECIAL PRICES on the following Well Grown Healthy Stock:

Kentia Forsteriana.....	5-inch pots,	20 inches high	each,	\$.75	Per doz.,	\$9.00
Kentia Forsteriana.....	6	24 to 30 inches high,	"	1.00	"	12.00
Latania Borbonica.....	6	20 to 24	"	.75	"	9.00
Phoenix Canariensis.....	6	15 to 18	"	.75	"	9.00
Phoenix Canariensis.....	6	18 to 20	"	1.00	"	12.00

Nephrolepis Bostoniensis (Pot)	5-inch pots,	each,	.35	Per doz.,	\$4.00
(Grown)	6	"	.50	"	5.00
	8	"	1.00	"	12.00

NEPHROLEPIS EXALTATA, 2½-inch, \$3.00 per 100.

FOREST CITY GREENHOUSES,
ROCKFORD SEED FARMS.

H. W. BUCKBEE, ROCKFORD, ILL.

Pansy Seed, Palms, Primulas, Field-Grown Carnations.

California Gold, Crane, Avondale, Gomez, Joest, De Roo Mitting (white), Mrs. A. Mitting (pink)	.....	\$ 4.00
Chinese Primulas, white only, 2½-in.	.....	2.00
New Yellow Baby Primrose, 2½-in.	.....	2.00
Beronia, 3 varieties, 2½-in.	.....	2.00
Latania Borbonica, 2½-in.	.....	4.00
Kentia Belmoreana, 3-in.	.....	15.00
Kentia Forsteriana, 3-in.	.....	15.00
Fancy Seed, Giant and Fancy, mixed, 90 per oz.	.....	1.00
Pansy Plants, fine strain, 50c per 100 by mail, \$4.00 per 1000 by express.	.....

—CASH—

THE MORRIS FLORAL CO., Morris, Ill.

MARSHALLTOWN, IA.—The Kemble Floral Company is now conducting the greenhouses formerly known as the Riverside Greenhouses, and more recently the Fenner Floral Company. Mr. Kemble was formerly with the Kemble Floral Company at Oskaloosa.

Chrysanthemums.

NEW AND OLD VARIETIES.

A large stock of young thrifty plants throughout August. Our selection—all good varieties—\$2.50 per 100. Those wishing special varieties please send for descriptive catalogue.

ROSES.

A few hundred good plants from 3 and 3½-inch pots left from our own planting. Write for varieties and prices.

CARNATIONS.

Field-grown plants for latter part of August and September delivery. Prices and varieties upon application.

H. WEBER & SONS, Oakland, Md.

QUALITY TELLS--PRICE SELLS.

Geraniums, 2-in.	.....	\$1.50 per 100;
3-in.	.....	\$2.50 per 100
Colons	.....	2-in., \$1.00
Asparagus Sprengeri, seedlings,	.....	\$1.00

E. I. RAWLINGS, QUAKERTOWN, PA.
Mention The Review when you write.



NEW CYCLAMEN PERSICUM GIGANTEUM CROP

We have received from a celebrated specialist a large stock of the choicest Cyclamen persicum giganteum. Sown any time before October they germinate readily and make fine plants for next season. We can furnish in the following four distinct colors, also in mixture:

	100	1000
	sds.	sds.
Pure White	\$0.75	\$4.00
White with Carmine Eye .....	.75	6.00
Deep Rose .....	.75	6.00
Blood Red .....	.75	6.00
Finest Mixed .....	.60	5.00
250 seeds or over at the 1000 rate.		

NEW CROP PANSIES

JUST TO HAND FROM THE MOST RELIABLE SOURCES.

Dreer's Royal Exhibition Mixture, the very finest grade, combining the richest coloring with the largest size. Trade pkt., 50c; 1/2 oz., \$1.25; oz., 88.00.

Dreer's Premium Mixture. A grand mixture in every way and second only to our Royal Exhibition. Trade pkt., 50c; oz., \$1.00.
Giant Trimardeal Mixed. Of very large size and fair range of color. Trade pkt., 50c; oz., \$1.25.
 We also have other mixtures as well as separate colors. Please see page 20 of our current Wholesale Price List.



HENRY A. DREER, 714 CHESTNUT ST., PHILADELPHIA, PA.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

GERANIUMS AND VIOLETS.

Mars, 2 1/2-inch, big stock, \$3.00 per 100.
 Best Bedding Geraniums, 2 1/2-in., \$2.00 per 100, \$17.50 per 1000. Best Bedding Geraniums, Rooted Cuttings, \$1.50 per 100, \$12.50 per 1000.
 Violets, strong field grown, \$1.50 per 100.
 * * * Terms cash or C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

Violets.

Orders booked now for field-grown "Imperial." This is choice stock.

2 1/2-inch pot plants at usual rates; all varieties.

"Irene."

Field-grown Plants. Ready now.

Write for Carnation price list.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write

Order Now for Fall Delivery.

PÆONY ROOTS

Large Field Clumps \$25.00 per 100
 Strong Divided Roots... 10.00

Pink, White, Crimson, Red.

CHICAGO PÆONY FARMS, - - JOLIET, ILL.

Mention The Review when you write.

PÆONY ROOTS!

Great Bargain! At 10c per stem,

as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red. Orders filled in rotation received.

BRANT & NOE, Forest Glen, CHICAGO, ILL.

Mention The Review when you write.

Asparagus Plumosus Nanus.

A large stock of this handsome plant must be sold at once to make room for winter goods. No better plants for the money. Plant now for winter cutting. Form 3-inch pots, \$5 per 100; from 2 1/2-inch pots, \$4 per 100.

ASPARAGUS SPRENGERI. Fine plants of this valuable variety, from 2 1/2-inch pots, \$3 per 100.

BEGONIA REX. Shift now for holiday specimens. Our stock is in good condition and consists of the best standard varieties, from 2 1/2-in. pots, \$5 per 100.

BEGONIA INCARNATA. A Christmas bloomer and rival to Gloire de Lorraine. Very free bloomer. Strong 3-in. pot plants, well branched, \$5 per 100.

PRIMULA FORBESII (Baby Primrose). Extra fine, 2 1/2-inch pot plants, ready for a shift, \$2.50 per 100.

NATHAN SMITH & SON, ADRIAN, Mich.

Mention The Review when you write

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Burpee's Seeds Grow

PRIMROSES and CINERARIAS.

Primrose, ready for 3 1/2-in., \$2.00 per 100; 300 for \$5.00. Cineraria Grandiflora, \$2.00 per 100; 300 for \$5.00.
J. W. MILLER, HATTON, PA.

WELL PLEASSED.

I am well pleased with the REVIEW.
 —HENRY A. SCHOLZ, Yonkers, N. Y.

PANSIES WORTH RAISING. GOOD SEED—AS USUAL.

3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.
CHR. SOLTAU, 199 Grant Ave., JERSEY CITY, N. J.

CAN'T DO WITHOUT IT.

I cannot do without your valuable paper.—H. W. FARMER, Anderson, Ind.

DETROIT.

Florists' Club Outing.

The outing of the Florists' Club took place on Saturday, August 31, at Bois Blanc Island, and was quite well attended, although the day was not an ideal one for an outing. The enthusiasm of those present made up for the lack in the attendance.

The program was carried out in full with the exception of the sack race. The baseball team was won by Captain Davis and team, 14 to 4. Agricultural race, by Pautka, first; A. Rackham, second; J. Stick, third. Fat men's race, Beard, first; Hupprich, second. Egg and spoon race, Knoppe, first; Sullivan, second. Ladies' race, Miss Sullivan, first; Miss Healy, second. Girls' race, L. Knoppe, first; F. Engelman, second. Men's race, A. Rackham, first; William Flowerday, second. Three-legged race, A. Rackham and Knoppe, first; Flowerday and Brown, second. Boys' race, H. Rackham, first; Stuart Rackham, second. Game of quito, James Taylor, first; E. A. Scribner, second. In the tug of war the West Side won out.

This was the first outing of the club and was so successful that it will no doubt become a permanent feature.

President Rackham will from now on push the coming flower show to be held in November, and with the aid of the club and special committees, is sure of making it a grand success. A committee will be appointed at the coming meeting to prepare a program for the year and as each member of the club always makes an effort to take care of the subjects assigned him, a successful year is assured.

One of the most interesting evenings will no doubt be the one assigned to Charles Plumb, who has just returned from England, France and Holland. Photos which were taken during his trip will be used in lantern views to illustrate the story of his trip, which the president has prevailed upon him to give the club at no distant date.

Carnations are about all housed and boys are already talking of Asheville.

RAG.

KALAMAZOO, MICH.

Business during the month of August has been good; comparing it with August last year it is away ahead, the demand for roses being especially brisk.

Carnation benching is nearly finished. Notwithstanding the hot, dry summer carnations in the field did remarkably well, the plants coming in in a nice, stocky form, which made them a pleasure to handle. Roses are looking well.

The Dunkley Floral Company have remodelled their carnation houses, and are just about finished benching. G. Van Bochore & Bro. are about finished with their new carnation range, and have most of their benching done. They are cutting some very fine Beauties, Meteors and Kaiserins. Brides and Maids are looking well, and promise a good cut in the near future. They have planted sparingly of Liberty, as it did not come up to their expectations last year.

The Kalamazoo Nursery & Floral Company has been absorbed by the Michigan Central Nursery Company. The new firm will be managed by Mr. Charles A. Maxon, general manager of the Michigan Central Nursery Company.

During the last month the weather has been everything that a florist could desire.

TIMES.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of CUT FLOWERS

and Dealers in

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON

STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....WHOLESALE
GROWER of

CUT FLOWERS

PETER REINBERG,

Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS.

Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

C. A. KUEHN

WHOLESALE
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A packet of the new ever-blooming Forget-me-not "Constance" added to every seed packet.
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MAIDS, BRIDES, GATES, METEORS, 3-inch, \$35.00 per 1000; 2½-inch, \$18.00 per 1000; 250 sold at 1000 rates.
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 3-inch pots, \$7.00 per 100.
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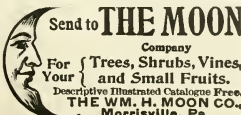
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Also **Brides and Maids** same size and price.
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 1000 **Meteor** " " } per 1000.
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 All Fine Stock.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ALTERNANTHERA.

Red and yellow, \$1.00 per 100, \$3.00 per 1,000; cash. Geo. L. Miller, Newark, O.

ALYSSUM.

1,000 Giant double alyssum, 3-in., \$3.00 per 100. Cash.
E. J. Clond, L. B. 32, Avondale, Pa.
Alyssum, 3-in., \$2.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

ARAUCARIAS.

Araucaria excelsa, 2,000 now on hand; 5-in. pots, 3 to 4 tiers, 8 to 12 in. high, 50c, 60c, up to 70c. Godfrey Aschmann, 102 Ontario St., Rising Sun, Philadelphia, Pa.

ASPARAGUS.

Asparagus plumosus nanus. Immediate delivery; 2 1/2-in. pots, strong, \$4.00 per 100; \$35.00 per 1000.
Asparagus Sprengeri, 2 1/2-in. pots, strong, \$3.00 per 100; \$25.00 per 1000.
Jackson & Perkins Co., Newark, New York.

Asparagus plumosus nanus, strong, 2 1/2-in., \$2.75 per 100; \$25.00 per 1000. Asparagus Sprengeri, strong, 2 1/2-in., \$1.75 per 100; \$15.00 per 1000. Buckley Plant Co., Springfield, Ill.
Asparagus plumosus nanus, 3-in., \$5.00 per 100; Sprengeri, 2-in., \$2.00, 2 1/2-in., \$5.00 per 100; 4-in., \$1.00 per doz. S. Whitton, 15-17 Gray Ave., Utica, N. Y.
Asparagus coromocensis, 3-in., \$10.00; plumosus, 3-in., \$6.00; Sprengeri, 3-in., \$5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Asparagus plumosus nanus, 3-in., \$6.00 per 100; 2 1/2-in., \$4.00 per 100. A. Sprengeri, fine plants, 2 1/2-in., \$2.00 per 100. N. Smith & Son, Adrian, Mich.

ASPARAGUS PLUMOSUS NANUS.

Cut strings 8 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri and plumosus, 2-in., \$5.00, 2 1/2-in., \$3.00 per 100. Walter Retzer & Co., 205 Clarence Ave., Chicago, Ill.

Asparagus, 2-in. pots, per 100; Sprengeri, \$2.00; plumosus, \$2.50. Cash, Jos. H. Cunningham, Delaware, Ohio.

2000 Asparagus plumosus, fine, strong plants, 2-in., \$8.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, strong plants, \$2.00 per 100; \$25.00 per 1000. The Chase-Swanger Co., New London, Ohio.

A fine lot of 3-in. Sprengeri at \$3.00 per 100. Kalamazoo Nursery & Floral Co., Kalamazoo, Mich.

400 Asparagus plumosus nanus, ready for 7-in. pots, \$12.00 per 100. Sample, 15c. Wm. L. Puffer, Erectiont, Mass.

Asparagus plumosus nanus, strong, healthy plants, 3-in., \$5.00 per 100. A. J. Fenneck, Lansdowne, Pa.

Fine Sprengeri and plumosus in 2 and 3-in. pots. Write Geo. A. Kuhn, Pekin, Ill.

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Asparagus plumosus, strong 2-in., \$2.00 per 100. H. Hills, Elkhart, Ind.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.
Asparagus Sprengeri, seedlings, \$1.00 per 100. E. I. Rawlins, Quakertown, Pa.

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Jerusalem cherry (Solanum capsicastrum), with berries and in bloom, out of 4-in. pots, \$5.00 per 100; 2-in., \$3.00 per 100. Cash with order. Cash, please. Converse Greenhouses, Webster, Mass.

Christmas peppers, very strong 4-inch, fit for 6-inch, full of fruit and blossoms, \$10.00 per 100. Cash, John J. Connelly, Bryn Mawr, Pa.

Send in your order now for a copy of the Florists' Manual.

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LILIU HARRISII, extra fine stock, 5x7, 12, 60c, 100; 4x2 1/2, 7x5, \$1.25, 100; 5x9, \$1.50.

FREESIA, extra refracta alba, first size, 10c; 4c, 1,000; \$2.00; extra size, 10c, 90c; 1,000, \$5.00.

ROMAN HYACINTHS, early white, 11x3 1/2, 12c; 10c, 1,000; \$2.00; 1,000; 12x1 1/2, 12c, 35c; 10c, \$2.25; 1,000; \$2.60; in color, rose, blue or red, 12c, 25c; 10c, \$1.75; 1,000, \$18.00.

PAPER WHITE, the true giant flowering sort, with extra large trusses, 12, 15c; 10c, 85c; 1,000, \$7.50.

LILIU CANDIDUM, large bulbs, the strong standard, 12, 75c; 1,000, \$5.00; 1,000, \$45.00; medium bulbs, 12, 60c; 10c, \$4.50; 1,000, \$45.00.

LILIA ETHIOPIA, 3x5, 12c, 60c; 10c, \$4.00; 1,000, \$35.00; 4x8, 12c, 75c; 10c, \$5.00; 1,000, \$50.00; 5x7, 12c, 10c, 10c, \$7.00; 1,000, \$60.00; 7-inch to medium, \$1.50; 10c, \$10.00.

CYCLAMEN per. sige., strong bulbs, brilliant colors, 12c, 85c; 10c, \$6.00.

LONGIFLORA, Japan-grown, 6x7, 12c, 40c; 10c, \$2.00; 1,000, \$17.50; 6x8, 12c, 60c; 10c, \$2.75; 1,000, \$25.00; 7x9, 12c, 60c; 10c, \$4.00; 1,000, \$35.00; 8x10, 12c, 60c; 10c, \$5.00; 1,000, \$55.00. THE VIRGE Longiflorum multiflorum 10 per cent higher. Send for our new catalog.

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First shipment of Japan-grown Longiflorum. Buy now and plant for Easter flowers. 8 to 8 in., \$2.75 per 100, \$28.00 per 1,000. 7 to 8 in., \$4.00 per 100, \$40.00 per 1,000. 9 to 10 in., \$5.75 per 100, \$55.00 per 1,000. The early flowering Longiflorum multiflorum, 7 to 8 in., \$5.00 per 100, \$45.00 per 1,000. 9 to 10, \$7.50; 1,000, \$70.00.

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Calla lilies, monster bulbs, \$7.00 per 100; 6-in. circ., \$4.00 per 100; \$25.00 per 1000; 5-in. circ., \$3.50 per 100; \$30.00 per 1000; 4-in. circ., \$3.00 per 100; \$25.00 per 1000; 3 1/2 to 3-in. circ., \$2.00 per 100; \$15.00 per 100.

Narcissus, Paper White, \$1.00 per 100; \$7.50 per 1000. N. incomparabilis, 75c per 100, \$5.00 per 1000. Send for price list of Japan lily bulbs; also young palms, California-grown camellias and araucarias. F. Ludemann, San Francisco, Cal.

Daffodils, Ard Rich, earliest of all, per 1,000, \$30.00; per 100, \$4.00. Mixed, best varieties, 8c, 10c, 12c, \$3.00. Narcissus, mixed, per 1,000, \$5.00. Special prices for more than 1,000. 25c at 1,600 rate. Guaranteed sound and healthy California grown. Mrs. W. W. Kersey, Daffodil Gardens, Haywards, Cal.

Calla bulbs, sound, full size; per 100 prepared: 3 to 4 inches in circ., \$3.00; 2 1/2 to 3 inches in circ., \$2.00; 2 to 2 1/2 inches in circ., \$1.00. Cash with order. Satisfaction guaranteed. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

Lilium Harrisii. Just arrived in fine condition, ready for delivery. Prices on all bulbs, tuberos plants and roots cheerfully given by sending your list of wants to F. W. O. Schmitz, Princeton, N. Y.

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Freesia bulbs, prepaid, 5-in. and up, \$5.00 per 100; 4 to 3 1/2-in., \$1.25 per 1000. Cottage Nursery, 519 Fifth St., San Diego, Cal.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, all kinds. Ask for special bulb list. BOBBINK & ATKINS, RUTHERFORD, N. J.

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Started, out of 4-inch pots, \$4.00 per 100. Cash. Geo. L. Miller, Newark, O.

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Cannas—Austria, out of 4-inch pots, \$1.00 per 100; Bursank, Italia, Austria, from bench, \$3.00 per 100; mixed, in good varieties, \$2.00 per 100. Cash. Geo. L. Miller, Newark, O.

100 Cannas Austria, 4-inch pots, at \$5.00 per 100; 100 Cannas Henderson at \$5.00 per 100. Cash with order, please. John Reck, Bridgeport, Conn.

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Our carnations have grown very fast the last two weeks and are now as fine and healthy as any plants of the kind.

No stem-rot, dead leaves or disease of any kind. Marquis, Bradt and Buttercup, \$8.00 per 100. Genevieve Lord, Crocker and Crane, \$6.00 per 100.

White Cloud, Daybreak, Eldorado, Flora Hill, Portia, Armazindy, Albertini, Mrs. Fisher, Triumph, Jubilee, Wm. Scott, \$5.00 per 100.

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15,000 strong, healthy plants, ready to bench, of the following varieties: Red Jacket, Flora Hill, Genevieve Lord, White Cloud, Genevieve Lord, Marquis, Wm. Scott, Mrs. F. Joost, Peachy, Mrs. M. Alpert, New York, Seneca Chief, Albertini, Gov. Griggs, Evelina, Concord, Olympia, John Young, Lily Dean, Triumph, Melba, Ethel Crocker, Psyche, Fainted Lady.

Write us for prices before buying elsewhere. WALKER & MERRILL, Youngstown, O.

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40,000 field-grown carnation plants ready to ship: Maceo, Genevieve Lord, Gomez, Mary Wood, Daybreak, Victor, Dexter Pierce, the best commercial variety. The above at \$6.00 per 100; \$55.00 per 1000. Marquis, \$7.00 per 100.

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CARNATIONS FROM FIELD.

G. Lord, list size, \$9.00 per 100; Marquis and G. Lord, 2d size, \$5.00 per 100; Eldorado, Crane, America, G. Nugget, Albertini, Wm. Scott, Daybreak, Victor.

Good 2d size, \$5.00 per 100. Cardinal and McGowan, \$4.00 per 100. BROWN & CAMPFIELD, Springfield, Ill.

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We offer excellent, strong, bushy carnation plants of the following varieties...

We offer fine, strong, field-grown carnation plants as follows: Florida Hill, White Cloud, America, Crane, Triumph, Morning Glory, Lizzie McGowan, White Cloud, Glacier, Mary Wood, John Young, Wm. Scott, Brad, A. WASHBURN & SONS, Bloomington, Ill.

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We offer fine, strong, field-grown carnation plants, guaranteed to be strictly first class in every way...

Now ready. Field-grown carnation plants, guaranteed to be strictly first class in every way...

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15,000 field-grown plants of Scott, Gomez, Melba, Arizley, Victor, Sandusky, Triumph, Florida Hill, Mary Baker, etc.

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FIELD-GROWN PLANTS.

2000 Florida Hill, \$6.00 per 100, 300 Edith Foster, \$5.00 per 100, 300 John's Scarf, \$4.00 per 100, 100 Evella, \$5.00 per 100, 100 Melba, \$5.00 per 100, 300 Lawson, \$10.00 per 100.

Carnations. fine healthy field plants. Plants received from us were the finest I ever saw, my own not excepted...

Carnations. All fine, strong plants: 1,000 Marquis, \$7.00 per 100; \$9.00 per 1,000; 1,000 Crane, \$5.00 per 100; \$9.00 per 1,000; 200 Brad, \$5.00 per 100; 100 Olympia, \$4.00 per 100; 100 Maceo, \$4.00 per 100.

FIELD-GROWN PLANTS.

20,000 clean, bushy plants at \$6.00 per 100; \$50.00 per 1000.

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6000 A No. 1 carnation plants: Marquis, 7c; Jubilee, 7c; Florida Hill, Daybreak and Victor, 8c.

20,000 field-grown carnations. We escaped the drought consequently our stock is in good shape for benching.

20,000 Carnation plants. Mrs. F. Joost, Daybreak, Wm. Scott and Freedom, \$4.00 per 100.

Field-grown carnation plants. 100 Peru, 250 Lord, 600 Crocker, 200 Armaidly, 600 Crane, 500 Triumph, 600 Daybreak and 300 P. Hill, \$5.00 per 100.

MARQUIS. 6,000 strong, healthy plants. 1st size, \$5.00 per 100; \$50.00 per 1000.

CHICAGO CARNATION CO., Joliet, Ill. A real bargain in carnation plants to close our 1900 carnation stock...

8,000 field carnations for sale. Florida Hill and Ethel Crocker, \$5.00 per 100; Wm. Scott, \$4.00 per 100, \$25.00 per 1,000.

Carnations. Strong, field-grown plants. Morning Glory, Daybreak, Wm. Scott and Mrs. Frances Joost, \$5.00 per 100.

Field-grown carnations. California Gold, Crane, Avondale, Gomez, Joost, De Roo Mitting (white) and Mrs. A. Mitting (pink), \$4.00 per 100.

Carnations-1,000 Scott and McGowan, extra heavy and fine, at \$5.00 per 100, guaranteed to be worth double the money.

100 field-grown Scott, good, strong, bushy plants, free from spider or rust, \$2.50 per 100.

Field-grown plants of Florida Hill, White Cloud, Daybreak, Evanston, Mrs. Fisher and Fred Dorner, \$5.00 per 100, at McKellar Greenhouses, Chillicothe, O.

Carnation plants, 800 Mrs. Jas. Dean, strong field-grown plants, \$2.00 per 100.

8,000 field-grown carnation plants: Crane, Ethel Crocker, Joost, Daybreak, Hill and Gold Nugget, \$5.00 per 100.

Surplus stock. Field-grown carnations, good stock, consisting of Ethel Crocker, Scott and Daybreak, etc.

Field-grown carnations. Florida Hill, Freedom, \$5.00 per 100.

35,000 Wm. Scott carnation plants. \$25.00 per 1,000. Cash with order.

Field-grown carnations with plenty of roots ready now. All the best varieties.

Field-grown carnation plants now ready. For price and varieties write C. Akhurst & Son, White Marsh, Md.

Field-grown plants of IRENE ready now. Write for carnation list.

Field-grown plants of Mrs. Joost, Daybreak, Wm. Scott and Lizzie McGowan.

Chrysanthemums, new and old varieties. A large stock of young, thrifty plants during August.

CINERARIAS.

Cinerarias, 2-in., \$2.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

COLEUS.

Coleus, 2-in., \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

CYCAS.

Cycas revoluta, long-leaved sort, \$8.00 per 100. In from 1 to 15 lbs. H. H. Berger & Co., 47 Barclay St., New York.

CYCLAMEN.

Cyclamen grand spl. Special fine strong plants in 3-in. pots in different colors, \$7.00 per 100.

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Cyperus alternifolius, 6-in., good, \$3.00 doz. John H. Ley, God Hope, Washington, D. C.

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Dracaena Lindenii or Massanganea, 3-in. pots, \$3.00 doz; 6-in., \$5.00; 6-in., \$5.00. A fine plant, well colored.

FERNS.

Pot-grown Nephrolepis Bostoniensis. Special prices on the following well-grown, healthy stock:

5-in. pots.....\$0.25 each; \$4.00 per doz. 6-in. pots..... 60 each; \$5.00 per doz. 8-in. pots..... 1.00 each; 12.00 per doz. Nephrolepis exoniensis, 2 1/2-in., \$3.00 per 100.

Adiantum cuneatum, 4-in., \$10.00 per 100. Nephrolepis hirta cristata, 3 1/2-in., \$10.00 per 100. N. cordata, compacta, 2-in., \$5.00 per 100.

Nonstop ferns from bench, suitable for 4 and 5 in. pots, \$18.00 and \$30.00 per 100. Cash with order.

CHAS. SCHWEIGERT, Niles Cent., Ill.

FERNS—Continued.

Boston fern, pot-grown, very bushy from top up, 5-in. pots, 25 or more fronds, 40c; 6-in., 40 or more fronds, 60c; 8-in., \$1.25; 9-in., \$2.00. These are magnificent and sure to please. Worth twice the price of any other high-grown plants. Cash, please. A. J. Baldwin, Newark, Ohio.

100 choice ferns, from flats, mailed for \$1.25; \$3.00 per 1000 by express. Ten best sorts—Favallia, adiantum, pteris, lomaria, nephrolepis, lygodium, etc., etc. Fill a 2-in. pot at once and make fine plants by autumn. John H. Hey, Good Hope, Washington, D. C.

100 fine full ferns, 4-in. pots, \$5.00: Lomaria gibba, Selaginella Martensii, onychium, Felicia adiantoloides, Lomaria majestica, Blechnum and anemium. Same sorts in 2½-in. pots, very good, \$3.00 per 100. John H. Hey, Good Hope, Washington, D. C.

Boston ferns. Grand specimens, 10-in. pans, full 6 ft. over; a mass of 6 in. leaf-branches, \$3.00 each; pair for \$5.00. Fit for any exhibition. Other sizes at \$1.00 to \$25.00 each. John H. Hey, Good Hope, Washington, D. C.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of ferns and other hardy plants. Edw. Gillett, Southwick, Mass.

12 climbing ferns (lygodium), \$5.00; 6-in. pots, on 6 to 8-ft. strings, for cutting or decorations. Very elegant. Write for terms. \$1.00 per pair, ready for 5 and 6-in. pots, \$3.00 doz. David Morrison, Morrion, Ill.

50,000 Boston ferns. Small plants, \$5.00 per 100; 6-in. pots, \$10.00 per 100; 8-in. pots, \$15.00 per 100; 10-in. pots, \$20.00 per 100 taken from bench. Extra fine stock. Wm. A. Bock, North Cambridge, Mass.

Boston ferns, from 2-in. pots, \$3.00 per 100; 5.00 per 100. Nice. Post paid, 100 ready for 5 and 6-in. pots, \$2.00 doz. David Morrison, Morrion, Ill.

Nephrolepis Philadelphiae, fine as a pot plant in small sizes, 5-6 in. Large plants, \$10.00, 8-in., \$5.00, doz. John H. Hey, Good Hope, Washington, D. C.

Boston ferns from benches, ready for 5 and 6-in. pots. Fine plants, \$2.50 per doz., \$20.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

Boston ferns, extra fine stock, 5-in., 25c; 6-in., 35c. In 3-in. pots, \$3.00 per doz. Geo. W. Whitcomb Co., 157 Buckingham Place, Chicago.

Boston ferns, all sizes. Ask for special trade list.

BOBBINK & ATKINS.

RUTHERFORD, N. J.

For list of varieties and prices see our display window. In this issue: The Geo. W. Whitcomb Co., 157 Buckingham Place, Chicago.

100 Boston ferns, from 2-in. pots, mailed for \$2.00; \$20.00 per 1000 by express. John H. Hey, Good Hope, Washington, D. C.

Fine 3-in. Adiantum capillus veneris for fern dishes, \$5.00 per 100. Kalamazoo Nursery Floral Co., Kalamazoo, Mich.

Boston ferns from the bench, fit for 5-in. pots, \$2.00 per doz.; \$15.00 per 100. Cash. John J. Connelly, Dryden, Mass., Pa.

Boston ferns, bench-grown, \$15.00 per 100. W. G. Kraber, New Bedford, Mass.

Boston ferns in all sizes. Write Geo. A. Kuhl, Pekin, Ill.

FRUIT PLANTS.**POT GROWN STRAWBERRY PLANTS.**

The best stock of these plants send to Wilfrid Wheeler, Concord, Mass. Special attention given to all florists orders. I have 11 varieties, but the MINUTE MAN leads them all. Price list free.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

GERANIUMS.

Geraniums. Strong plants of the following varieties, 2½-3-in. pots, true to name, at \$2.25 per 100, \$20.00 per 1000. S. A. Nutt, Frances Perkins, Alf. Ricard, Grant Mrs. E. G. Hill, Beate Potvinne, Mme. Jaulin, Mme. Brunst, Madame France, La Favorite and Mrs. J. M. Gaar.

Buckley Plant Co., Springfield, Ill.

Geraniums. Fine northern grown stock of S. A. Nutt, Ernest M. Jaulin, Mrs. E. G. Hill and J. J. Harrison, \$1.25 per 100; \$11.00 per 1000. Mme. Salleron, \$1.50 per 100; \$15.00 per 1000. Delivered after Sept. 30. Order now. Satisfaction guaranteed. B. E. Blair, Charlevoix, Mich.

Mrs. 2½-in., big stock, \$3.00 per 100. Best bedding geraniums, 2½-in., \$2.00 per 100; \$15.00 per 1000. Root cuttings, 6-in., \$1.50 per 1000. Cash, Greens & Underhill, Watertown, N. Y.

Geraniums, 2-in., \$1.50, 3-in., \$2.50 per 100. E. I. Rowlings, Quakertown, Pa.

GLADIOLI.

Fine cut blooms of Augusta, May, Eugene Sem, Grand Rouge, Scyllid, No. 1900 and mixed. John Fay Kennel, Box 405, Rochester, N. Y.

HARDY PLANTS.

Baltimore Nurseries. Wholesale and Retail. We offer for fall 1901 and spring 1902 a full line of fruit, shade and ornamental trees, shrubs. Evergreens and Roses, Japan Fern Seedlings. All plants packed in crates, guaranteed to be first class stock, All stock fumigated and free of disease. Send us a list of your wants. Franklin Davis Nursery Co., Baltimore, Md.

New Hollyhock Allegheny, large semi-double fringed flowers. A great improvement on the old type. Awarded prizes wherever it has been shown, 25 cents per large trade packet. Sow now for next summer's bloom. A. E. Wohler, Altiltona, Pa.

Hardy water plants. Including lilies, orchids, wate plants, climbers, etc. Send for our general catalogue. Ellwanger & Barry, Rochester, N. Y.

25 climbers to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Same list. Moore, Morrillville, Bucks Co., Pa.

Nice strong plants of double Hollyhocks in 7 colors; also Allegheny from 2½-4-in. pots, ready to plant out, at \$2.50 per 100, \$18.00 per 1000. Wm. Schleiter, Schuylkill, Pa.

Diandra spectabilis, strong, half grown plants, \$1.00 each doz.; \$6.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

A full line of fruit, ornamental and shade trees, hardy plants, climbers, etc. Send for our general catalogue. Ellwanger & Barry, Rochester, N. Y.

Everything in ornamental trees, shrubs, vines, etc. Send for catalogue and special prices. W. T. Smith Co., Geneva, N. Y.

Hardy plants, bulbs and roots for fall planting. Send for our fall list. Vick & Hill Co., Rochester, N. Y.

Trees and ornamental shrubs. Evergreens a specialty. R. Douglas' Sons, Waukegan, Ill.

For hardy herbaceous perennials write Chas. S. Dunn, West Hill, S. Folger, Mich.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

Arundo donax var., \$5.00 per 100. H. Steinmetz, Raleigh, N. C.

HELIOTROPE.

Heliotrope, 3-in., \$1.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

HYDRANGEAS.

Hydrangea Otakua, pink, and Thomas Hog, white. Have bought the entire stock of Joseph Edwin Son, one of the largest and most successful hydrangea growers in Philadelphia. Have now about 5,000 on hand, the finest stock in the country, which I offer at the following low prices: From 4-inch pots, bushy plants, 48 to \$10 per 100; 5-inch, \$15; 6-inch, \$20; 7 and 8-in. strong, \$20 to \$25; 10 to 12-in. strong, Godfrey Aschmann, 1012 Ontario St., Risling Sun, Philadelphia, Pa.

Hydrangeas, pink and blue, mixed; also paniculata, all in 2½-in. pots; \$1.50 per 100. W. G. Kraber, New Bedford, Mass.

Hydrangea Otakua, rooted cuttings from field-grown plants, \$1.00 per 100. Cash. Dann & Son, Westfield, N. Y.

IVIES.

English ivies, 200 at \$12.00 per 100, \$1.20 per doz.; 100 8 ft. long, \$3.00 per doz. Cash. John Reck, Bridgeton, Conn.

LILY OF THE VALLEY.

Lily of the valley, home-grown stock, \$2.50 per 1000 pots; \$20.00 per 10,000. Wm. A. Finger, Hicksville, L. I., N. Y.

MUSHROOM SPAWN.

We handle nothing but Barter's mushroom spawn. What is all your cost and many a dollar worth unless you have a good quality. Write us, naming quantity wanted. Prospect Greenhouses, Kennett Square, Pa.

Our superior brand English mushroom spawn just received in perfect condition, 25 lbs., \$1.75; 100 lbs., \$6.00; 1000 lbs., \$55.00, 200 lbs. and over \$2.00 per 100 lbs. Write F. Mitchell, 1013 Market St., Philadelphia, Pa.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

G. H. Richards, 128 Southwark St., London, S. E., England.

MYRTLE.

Myrtle for cemetery and park purposes. Large field-grown, pot, \$1.00, \$60.00, lot frame-grown, for baskets, etc., per 100, \$6.00, 100,000 Privet, all sizes, per 1,000, \$15.00 to \$60.00. 5,000 Scheuchzeria, all sizes, per 1,000, \$10.00 to \$25.00. Cash with order. F. A. Bolles, East 10th St., Lawnwood P. O., Brooklyn, N. Y.

Field-grown, flowering myrtles, nice bushy plants, 10 to 14 in. high, \$3.00 per 100. 100 rooted cuttings of the same, \$1.50 per 100. Cash with order.

CHAS. SCHWEIGERT, Niles Center, Ill.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheet and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Matthews, Utica, N. Y.

PÆONIAS.

Paeonia chinensis, in mixed colors, 2 to 3-year-old stock, \$5.00 per 100, \$40.00 per 1000. Paeonia officinalis, in mixed colors, \$3.00 per 100, small 1-year-old stock, \$2.50 per 100; \$30.00 per 1000. Wm. A. Finger, Hicksville, L. I., N. Y.

Paeonies, red, scarlet, pink, white, assorted, strong field-grown clumps, \$3.00 per doz. Strong divided roots, \$10.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Paeony roots at 1c per stem as shown on clumps, this year's growth. Fall planting during Sept. and Oct. Colors, red, pink and white, and red. Brant & Noe, Forest Glen, Chicago.

Paeony roots, order now for fall delivery. Large field-clumps, \$25.00 per 100; strong divided roots, \$15.00 per 100. Chicago Paeony Farms, Joliet, Ill.

Paeonies, selected kinds for florists' use, better by the 100, 500 or 1,000. F. A. Boller, Bloomington, Ill.

PALMS, ETC.

To make room I offer PALMS of the most profitable sizes for growing on. They are healthy-grown (never been seaken), strong and home-fry. Prices on order. Write for price list and list of plants that will grow rapidly into money.

ARECA LUTESCENS.

	Each	Inch pots.	Inches Per	Per 100.
1 plant	..... 2	6-8	\$1.00	\$2.00
2 plants	..... 3	4	\$1.50	3.00
3 plants	..... 4	20	9.00	75.00
3 plants	..... 6	24	12.00	100.00

	Each	Inch pots.	Inches Per	Per 100.
2 plants	..... 8	20	\$2.50	\$30.00.

KENTIA BELMOREANA.

	Each	Inch pots.	Inches Per	Per 100.
2½	..... 4	8	\$1.50	\$12.00.
4	..... 4	12	2.50	20.00
4	..... 6	20	9.00	75.00
5	..... 6	24	12.00	100.00.
6	..... 6	24	12.25	\$125.00.
6	..... 6	24-28	1.50	\$13.00.

KENTIA FORSTERIANA.

	Each	Inch pots.	Inches Per	Per 100.
2½	..... 4	8	\$1.50	\$12.00.
4	..... 4	12	2.50	20.00
4	..... 6	20	9.00	75.00
4	..... 6	24	12.00	100.00.
6	..... 6	24-28	1.50	\$12.00.
6	..... 6	24-30	1.25	\$15.00.
6	..... 6	28-32	1.50	\$18.00.
7	..... 6	30-36	2.00	24.00.

JOSEPH BEACOCK, Wyncoke, Pa.

Palms and decorative plants; splendidly rooted, well grown; we ship everywhere safely. Phoenix realists: 5-in. pots, \$2.00 per 100. 7-in. (30 to 36 in. high), \$7.50 doz., \$60.00 100; P. tenaxina, broad and spreading, \$7.50 doz. (24 to 30 in. high), \$25.00 100. Aralia Guifuyel, well colored, 5-in. pots, \$3.00 doz. Panax platumatum, very fine, 5-in. pots, \$3.00 doz. (24 to 30 in. high), \$20.00 100. Acorus calamus, 2 1/2 in. high, \$3.50 doz. D. Guifuyel, 5-in. pots (10 to 13 in. high), \$2.50 doz. D. brasilianica, 4-in. pots (10 to 15 in. high), \$2.50 doz. Carulico recurvata, 5-in. pots (2 ft. high), \$3.00 doz. Ardisia polycephala, 5-in. pots, branched (16 to 20 in. high), \$2.00 doz. D. salicaria, in great variety of sizes and colors, from \$1.00 to \$2.50; send for list. Crotons in magnificent variety from \$1.00 to \$2.00 per doz. Send also for general catalogue, splendidly illustrated. Reasoner Bros., Oneco, Fla.

Kentia Belmoreana, strong, clean stock for growing to 2½-in. pots, \$1.00 per 100, \$10.00 per 1000. Arcaea Lutescens, 2½-in. pots, \$5.00 per 100, \$40.00 per 1000. The Storrs & Harrison Co., Fainesville, O.

The palms offered below are perfect, most of them having their seed leaves still attached, a point to itself that the plants are grown properly. They are stocky, clean and of good color.

LATANIA BORBONICA.

100.	125.00
5-in. pots, 5 to 7 leaves.....	\$ 5.00 \$ 40.00
6-in. pots, 6 to 8 leaves.....	3.00 70.00
7-in. pots, 7 to 9 leaves.....	15.00 90.00
8-in. pots, 9 to 12 leaves.....	22.00 175.00

KENTIA BELMOREANA.

100.	125.00
4-in. pots, 6 leaves.....	\$ 5.00 \$ 40.00
5-in. pots, 7 leaves.....	3.00 70.00

KENTIA FORSTERIANA.

100.	125.00
4-in. pots, 4 to 6 leaves.....	1.50 35.00
5-in. pots, 5 to 7 leaves.....	1.25 30.00

WALTER RETZLER & Co., 2045 Clarendon Ave., Chicago.

A bargain in young palms in 3-in. pots, for growing on:

Areca lutescens.....	\$ 8.00 \$55.00
Corypha australis.....	8.00 55.00
Latania borbonica.....	5.00 45.00
Phoenix reclinata.....	6.00 55.00
Phoenix canariensis.....	5.00 55.00
Phoenix leonensis.....	5.00 45.00
Kentia Belmoreana.....	15.00 140.00
Kentia Forsteriana.....	8.00 85.00

The following in 2-in. pots:

Scarfthoria elegans.....	\$4.00 \$35.00
Livistona rotundifolia.....	5.00 55.00
Caryota urens.....	6.00 55.00
Areca sapida.....	8.00 75.00

Each of the above is of absolute clean and of extra good value. Will send sample lot, of each variety, for \$1.

J. B. HEISS, Dayton, Ohio.

LATANIA BORBONICA. 20000 cheap for each inch.

Inch	Per Doz.	Per 100.
3 to 4	10.00	100.00
4 to 5	12.00	120.00
5 to 6	15.00	150.00
6 to 7	20.00	200.00
7 to 8	25.00	250.00
8 to 9	30.00	300.00
9 to 10	35.00	350.00

3 plants in 3-in. pots, 24 to 27 inches high, 8 to 10 leaves, \$1.75 each, \$10.00 to 10, \$90.00 per 100.

These plants are all strong, ready to pot up, for other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSOUTH, N.E.B.

To make room we offer at following prices, good hard, cool-grown stock:

500 5-in. Kentia Belmoreana.....	\$2.50 \$25.00
500 6-in. Latania.....	3.00 30.00
300 4-in. Pandanus utilis.....	2.00 15.00

All plants shipped in paper pots unless ordered otherwise.

GROVEDALE NURSERIES, A. Mallon, Jr., Mgr., Fisher's Lane and Wyoming Ave., Philadelphia.

Special prices on the following well-grown, healthy stock:

Kentia Forsteriana.....	Pots, High, Each, 12
Kentia Forsteriana.....	5-in. 24 to 30 1.00 12.00
Latania Borbonica.....	5-in. 20 to 24 1.50 18.00
Phoenix Canariensis.....	5-in. 18 to 24 1.50 18.00
Phoenix Canariensis.....	5-in. 18 to 24 1.50 18.00

H. W. HUCKBEE, Rockford, Ill.

Kentia Belmoreana, 3 in., \$5.00 per 100; Kentia Forsteriana, 3 in., \$5.00 per 100; Coccoa Weddelliana, 3 in., \$10.00 per 100; Latania Borbonica, 2 1/2 in., \$3.00 per 100. The above stock is clean, well-grown and of absolutely perfect quality. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Latania from 2 1/2-in. pots, \$2.50 per 100; \$30.00 per 100; from 3-in. pots, \$3.00 per 100; from 5-in. pots, \$30.00; and 6-in. pots, \$50 per 100. John Bader, Troy Hill, Allegheny City, Pa.

If you want some well grown, stocky Kentias and Antiaris, write us. We have an immense stock.

C. C. POLLWORTH CO., Milwaukee, Wis.

To close out 400 Washingtonia filifera, ready for 100. Sample, 10c. First check takes them.

Wm. L. Puffer, Brockton, Mass.

Kentias in all sizes. Ask for special trade list.

ROBBINK & ATKINS,

RUTHERFORD, N. J.

SAGO PALMS. Nice plants in fine condition from \$1.00 to \$1.50 each, pot included. Buy south sea wave express. John R. Law, Columbus, Miss.

Palms, per 100: Latania borbonica, 2 1/2-in., \$4.00; Kentia Belmoreana and Forsteriana, 3-in., \$15.00. Morris Floral Co., Morris, Ill.

For list of varieties and prices see our display adv. in this issue. The Geo. Wittbold Co., 1857 Buckingham Place, Chicago.

Palms, Latania borbonica, 4-in., \$15.00 per 100. Cash S. Weatherly, Chillicothe, Mo.

Palms seeds. Searl & Sons, 86 King St., Sydney, New South Wales, Australia.

PANSY PLANTS.
For Pansy Seed see under heading "Seeds."

PANSIES.

Try a few hundred of mine, alongside of any other strain grown for comparison; and you will both be the gainer by this trial, for you will obtain the very best pansies; and I will have gained another regular customer. Plants only. I spend too much care on anything like the ruling prices. Free by mail 75c. per 100 or \$50 for \$1.50; by express at your expense, \$4.00 per 100, or \$25 for \$1.00. A. H. Hest, Lancaster, Pa.

Young plants of an extra fine strain of large-blooming pansies, ready about Sept. 15th, 50c per 100 by mail; \$4.00 per 100 by express. Cunningham, Eastwarr, Ohio.

Holland, Mich.

Zirngelbe's GIANT PANSY plants, \$5.00 per 100, and \$10.00 for FANSIES. They are equal to any \$4.00 sent out. Denys Zirngelbe, Needham, Mass.

Pansy plants, ready Oct. 1, at \$3.00 per 1,000. Jos. H. Cunningham, Delaware, O.

PRIMROSES.

Chinese primulas, white only, 2 1/4 in., \$2.00 per 100. New Yellow Baby Primrose, 2 1/4 in., \$2.00 per 100. Cash, Morris Floral Co., Morris, Ill.

Primroses, per 100: Forbesi; Chinese, single, mixed; obconica rosea and alba, \$2.00. Geo. Cunningham, Eastwarr, Ohio.

Primroses, white and mixed, 3-in. \$2.00; 2 1/2-in., \$5.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Primula Forbesii (Baby Primrose), extra fine 2 1/4 in., \$2.50 per 100. N. Smith & Son, Adrian, Mich.

Primroses, ready for 3 1/2-in., \$2.00 per 100; 300 for \$3.00. J. W. Miller, Hatton, Pa.

ROSES.

Rose plants. Guaranteed absolutely free from mildew or red spider. Strong, healthy plants. No culls.

2,000 Bridesmaids, 3-inch.....	\$4.00 \$25.00
2,000 Brides, 2 1/2-3-inch.....	4.00 25.00
3,000 Brides, 3-inch.....	4.00 25.00
500 Brides, 2 1/2-3-inch.....	3.00 25.00
200 Meters, 3-inch.....	2.00 25.00
200 Meter, 2 1/2-3-inch.....	2.00 25.00

Samples sent on application. Cleveland, O.

Perle and La France rose plants.

La France, 4-in., \$10.00 per 100.
La France, 3-in., \$6.00 per 100.
La France, 2 1/2-in., \$4.00 per 100.
Perle, 3-in., \$5.00 per 100.
Perle, 3-in., \$5.00 per 100.
Bridesmaids, 3-in., \$5.00 per 100.
Kaiserin, 3-in., \$5.00 per 100.

Roses. Extra fine plants on their own roots for winter forcing. Bride, Maid, Meteor, Kaiserin, Golden Gate, Perle, 3-in., \$7.00 per 100; 4-in., \$10.00 per 100; Liberty, 3-in., \$8.00 per 100; 4-in., \$12.00 per 100. Grafted Liberty, 3-in., \$15.00 per 100. Our Liberty roses, both grafted and on their own roots, are in extra fine condition and perfectly healthy. No black spot.

J. L. DILLON, Elmoursburg, Pa.

25,000 good, healthy rose plants. It is a pity to sell them at these prices, but we must have the room: Beauties, 3-in., fine stock, \$6.00 per 100; Maid, 3-in., \$5.00 per 100; Meteor, 2 1/2-in., \$3.00; 2 1/2-in., \$18.00 per 1,000. Perle, 2 1/2-in., \$2.00 per 100; \$50 at 1,000 rate, 500 Marquise Liberty 2 1/2-in., \$5.00 per 100; 200 2 1/2-in., \$4.00 per 100. Orders filled promptly. Satisfaction guaranteed. Foellmann Bros. Co., Morton Grove, Ill.

ROSES. At stock and ready now. Bridesmaids and Brides, 4-in., \$7.00 per 100. Bridesmaids and Brides, 3 1/2-in., \$5.00 per 100; \$4.00 per 100.

Beauties, 3 1/2-in., \$6.00 per 100.

H. KASTING, 481 Washington St., Buffalo, N. Y.

PINK GOLDEN GATE is offered by several good growers and by ourselves at \$2.00 per 100. To 100 of their plants, or more, you will buy **WHITE GOLDEN GATE** in April, 1902. See adv. on page 83, issue of June 13. American Rose Co., Washington, D. C.

Forcing roses, Bride, 2 1/2-in., \$2.25 per 100; \$26.00 per 1,000; 3-in., \$4.00 per 100. Bridesmaid, 2 1/2-in., \$2.25 per 100; \$20.00 per 1,000; 3-in., \$4.00 per 100. The National Plant Co., Dayton, O.

Grafted roses. Brides and Bridesmaids in 3-in. pots all sold. Have a few hundred in 4-in. pots remaining at \$15 per 100. Cash with J. B. Searl & Sons, 86 King St., Sydney, New South Wales, Australia.

1,500 Meteor, 4-in. plants in the finest condition, strong clean, healthy, \$4.00 per 100, \$25.00 per 1,000. Will exchange for Hybrids. John Breitweyer's Sons, Miami and Gratiot Aves., Detroit.

Brides and Maids, from 4-in. pots, large plants, \$4.00 per 100. Liberty, 4-in. pots, large plants, \$5.00 per 100. Cash with order. Jas. E. Beach, 2015 Park Ave., Bridgeport, Conn.

Roses, Sunset, clean, 3-in. stuff, \$5.00 per 100. Brides and Maids, same size and price. Chas. E. Meahan, Slocum and Musgrove Sts., Germantown, Phila., Pa.

Clearance sale of roses. All fine stock. 1000 Brides, 3 1/2-in., \$20.00 per 1000. 1000 Meteor, 2 1/2-in., \$20.00 per 1000. 1000 Maids, 2 1/2-in., \$20.00 per 1000. BRANT NOE, Forest Glen, Chicago.

Roses, all At stock, 4-in.: 50 Brides, 150 Woottons, 20 Golden Gates, 125 Brides, 125 Bridesmaid, at \$2.50 per 100 for the lot. Port Dodge Greenhouse Co., Fort Dodge, Iowa.

Roses, 100 each of Brides, Maids and Perles, strong plants from 4-in. pots, \$5.00 per 100; \$12.00 for the lot. Sky Hill Conservatories, Fishkill-on-Hudson, N. Y.

Roses ready to plant: perfect stock. Brides, Maids, G. Gates and Perles, 3-in., \$5.00 per 100; 200 Brides, 3-in., \$20.00 per 1000. B. and C. Field, Springfield, Ill.

Roses, Bridesmaids, Brides, Golden Gate and Meteor, fine stock; to close out, \$4.00 per 100. Robert F. Tasson, West Forest Park, St. Louis, Mo.

American Beauties, 3-in. pots, strictly first-class clean stock, \$8.00 per 100; \$75.00 per 1,000. Myers & Santman, Wyncimoor, Phila., Pa.

Fine, strong plants of Bridesmaid and Golden Gate roses, 2 1/2-in. pots, \$2.00 per 100, \$18.00 per 1,000. First-class stock. Chattanooga, Tenn.

Roses. A few hundred good plants, left from our own planting, in 3 and 3 1/2-in. pots. Write Weber & Sons, Oakland, Md.

Roses. H. P. roses, Crimson Rambler, H. P. roses. Ask for special aprin list for prices. Robbink & Atkins, Rutherford, N. J.

Roses, good strong 3-in., 150 Brides, 150 Bridesmaids and 25 Perles at \$2.50 per 100. Harry White, New Holland, Ind.

Roses, in fine good American Beauty plants, in 2 and 3-in. pots, \$5.00 per 100. T. E. Bartram, Lansdowne, Pa.

Bridesmaids. Healthy stock of 3 and 4-in. left over from our own planting. Price low.

A. J. Casson, Lansdowne, Pa.

50 Liberty roses, 3-in., 8c each. Carl Rauth, Springfield, Ill.

Maenetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.

To make room we offer a large lot of fine plants at following low prices:

Pots, Height,	12, 100.
6-in., 1st size, 18 to 24 inches.....	\$5.50 \$50.00
6-in., 2d size, 12 to 15 inches.....	5.00 50.00
6-in., branching, two or more shoots, 7 to 10 inches.....	4.00 40.00

All plants shipped in paper pots unless otherwise ordered.

GROVEDALE NURSERIES, A. Mallon, Jr., Mgr., Fisher's Lane and Wyoming Ave., Philadelphia.

Ficus elastica, fine strong plants, with leaves to pot, perfect in shape.

12 to 12-inches, \$3.00 per doz.
14 to 14-inches, \$3.00 per doz.
18 to 20-inches, \$4.00 per doz.

A few large plants, 4 to 5 feet high, at \$1.00 each. All packed clean and satisfaction guaranteed.

CINCINNATI FLORAL CO., 2330 Harrison Ave., Cincinnati, O.

I have a few thousand ficus, 3-in. pots, top cuttings, 4 to 8 leaves, for immediate delivery; also will take orders for fall or next spring delivery of 200,000 ficus stock at the following low prices: \$17.50 per 100; \$16.00 per 100 in lots of more than 100 and less than 500; \$15.00 per 100 in lots of 500 or over.

A. C. Oelchick, Savannah, Ga.

RUBERHS, fine, strong plants. 6-in. pots, 24 in. high..... \$8.00 doz.
7-in. pots, 27 in. high..... 7.50 doz.
8-in. pots, 30 in. high..... 8.00 doz.

W. M. A. BOCK, North Cambridge, Mass.

SEEDS.

PANSIES.

DO YOU WANT THE FINEST PANSIES?

THE JENNINGS STRAIN.

They are all right. New crop seed now ready. Finest mixed, by mail, 1 pk., \$1.00; 1/2 doz., \$1.00. Separate colors, 2 doz., \$2.00 to \$1.00 per pkt. Plants in September, \$4.00 per 1000. Cash with order.

J. B. Searl & Sons, 86 King St., Southport, Conn. E. GROWER OF THE FINEST PANSIES.

SEEDS—Continued.

CYCLAMEN pers. gis. In pure white, rose, crimson, white with dark eye, separate or mixed 100 seeds, \$6.00; 500 clear season's crop, \$25.00.
CINERARIA maxima, or dwarf, 500 seeds, 25c.
PANSIES, cream of French, Scotch, German, 1,000 seeds, 25c; 5,000 seeds, \$1.00.
CALCEOLARIA maxima, or dwarf, the shrubby sort, beautifully mottled, pkt., 25c.
ASPARAGUS SPRENGERI, best germination, 100 seeds, 35c; 1,000 seeds, \$2.00.
FRIMULA sibirica, clear season's crop, 100 seeds, 15c; 1,000 seeds, \$1.00.
MUSA ENSETTE, fresh, 12 seeds, 10c; 100 seeds, \$1.00; extra, \$7.00.
 Send for our new list.

H. H. BERGER & CO.,
 47 Barclay St., New York.

New crop **CYCLAMEN** persicum giganteum seed. We have received from celebrated specialist a large stock of the choicest seed, which we can furnish in four distinct colors, also in mixture: Pure white, white with crimson eye, deep rose and blood red, 50c per 100 seeds, \$5.00 per 1,000 seeds; finest mixed, 60c per 100 seeds, \$5.00 per 1,000 seeds, 250 seeds at the 1,000 rate.

New crop **PANSY** seed from the most reliable sources. Dreese's Royal, in mixture, trade pkt. 50c, ¼ oz. \$1.25, ½ oz. \$3.00; Dreese's Premium Mixtures, trade pkt. 50c, ½ oz. \$1.00; Trimmerdale, mixed, trade pkt. 20c, ½ oz. \$1.25.

H. A. DREER, 714 Chestnut St., Philadelphia.

Pansy seed of finest giants, the best of the mammoth flowering varieties: mixed, 4,000 seeds, \$1.00; half pkt., 50c. Chinese primrose, finest grown, single and double mixed, 500 seeds, \$1.00; half pkt., 50c. Chinese primrose, finest giant-flowering, choicest mixtures, 200 seeds, \$1.00; half pkt., 50c. A pkt. of the never-blooming Constantine added to every seed order. John P. Rupp, Shiremanstown, Pa.

Chocia strains, crop 1931. Pansy seed, superb blue mixture, trade pkt., 25c; ¼ oz. 75c; 1 oz., \$4.00. 25 Finest Giant Varieties, trade pkt., 25c; ¼ oz., 40c; 1 oz., \$2.50. Cineraria. Giant Prize strain, mixed, trade pkt., 75c; ¼ oz., \$1.00. Cruenta hybrids, trade pkt., \$1.00. Calceolaria, Giant Prize, superb, mixed, trade pkt., 50c; ¼ oz. pkt., 25c. W. C. Becker, Allegheny, Pa.

BENARY'S and ROEMER'S GIANT PANSIES.

Trade pkt., 50c; ¼ oz. \$1.00. **PLANT SEED CO.**
 Send for price list.

Cyclamen giganteum seed from our English specialists. Colors: Pure white, rich pink, white with cherry eye, and blood red. Choice mixed, all colors, 50c per 100 seeds, \$5.00 per 1,000 seeds. H. F. Mitchell, 1013 Market St., Philadelphia.

Cineraria, hybrid, dwarf, fine mixed, extra, per trade pkt., 50c. Pansy, giant, pure, Ferris trade pkt., 50c. 500 per 1,000 seeds, \$5.00. Choice mixed, 60c per 100 seeds, \$6.00 per 1,000 seeds, \$5.00 per 1,000 seeds. H. F. Mitchell, 1013 Market St., New York.

Seed of Giant of California pansy, 25c per trade pkt., \$1.00 per ¼ oz., \$4.00 per 1 oz., free by R.L. Order from freedmen not accepted. A. Mitting, Loomis, Cal.

Seeds. Choice varieties of melon, tomato, cabbage, cucumber, sugar corn, egg plant and pepper seed. Send for list. Wm. R. Bishop, Burlington, N. J.

Wholesale price lists for florists and market gardeners.

W. A. Burpee & Co., Philadelphia, Pa.

Smilax seed, 20c per oz. delivered. Write for low price per pound. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

Pansies worth raising. Good seed, 3-16 oz., \$1.00 per 100; 1 lb. Chr. Soltan, 199 Grant Ave., Jersey City, N. J.

Zirngelie's GIANT pansy seed, trade pkt. \$1.00. Denys Zirngelie, Needham, Mass.

Pansy seed, Giant and Fancy, mixed, \$4.00 per 100. Morris Floral Co., Morris, Ill.

N. Plus Ultra pansy seed, \$4.00 per oz. Cash. Jos. H. Cunningham, Delaware, Ohio.

SMILAX.

Fine Smilax, 2-in., \$2.50 per 100; \$20.00 per 1,000; 200 at 1000 rate. Charles W. Niehaus, Stoum and Musgrove Sts., Germantown, Pa.

We offer, to make room at once, 3000 Smilax from 2½ and 3-in. tops, in good shape, at \$2.00 per 100. Wm. H. Woerner, Etwood, Ind.

SMILAX AT ALL SEASONS.

Delivered; cash with order.....	100.	1000.
Strong roots, 1-in. diameter.....	\$3.75.	\$22.50.
Strong roots, 2-in. diameter.....	2.50.	16.50.
Strong roots, 1-in. diameter.....	1.25.	9.00.
Young cuttings.....	50c.	5.00.

Violet Princesses of Wales, \$5.00 per 1000, prepaid. Send for trade list.

THEODOSIA B. SHEPHERD, Ventura-by-the-Sea, Cal.

SMILAX. SMILAX.

4,900 XX smilax arbor, from 2½ in. pots, \$1.50 per 100; \$15.00 per 1,000. Chas. J. Thompson, 576 Avenue E. Bayonne, N. J.

6,000 2½-in. pot Smilax plants, fine healthy plants, ready now, \$2.00 per 100; \$15.00 per 1000. Cash with order. H. F. Owen, Toughkenonia, Pa.

Smilax, good strong plants, \$1.50 per 100; \$12.00 per 1000; 500 at 1000 rate. Mount Honnas Conservatories, Chas. H. Fowler, Fishkill Village, N. Y.

Smilax, extra strong plants (sent down in January), from 2½-in. pots, \$2.00 per 100. Cash with order, please. E. Leully, West Hoboken, N. J.

1,500 field-grown smilax, \$2.50 per 100, Cash with order. E. J. Cloud, Florist, L. B. 32 Avondale, Pa.

Fine stocky plants, ready for planting, \$1.25 per 100; \$10.00 per 1,000. J. C. Schmidt, Bristol, Pa.

Smilax, 2-in., strong, bushy, \$1.00 per 100; \$9.00 per 1000. Cash. R. Kilbourn, Clinton, N. Y.

Strong 2½-4-in. smilax, \$1.25 per 100, \$10.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Smilax, 2½-in., \$1.25 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

Smilax, 3-in. pots, \$2.00 per 100. Cash. Jas. E. Beach, Bridgeport, Conn.

Smilax, 2-in., \$1.25 per 100. Harry White, New Haven, Ind.

For smilax, write Geo. A. Kuhl, Pekin, Ill.

VEGETABLE PLANTS.

Genuine transplanted celery plants, well-developed, bushy stock out of flats, greatly superior to plants pulled from where seed was sown. White Plume, Giant Pascal, Boston Market and others, \$2.00 per 1000; \$15.00 per 10,000. Cash, please. Write for sample and prices on large lots. R. Kilbourn, Clinton, N. Y.

Asparagus roots, 100,000 Palmetto, 400,000 Connover's Colossal and 150,000 Birnie's Mammoth, all vigorous 2-year-old roots, for fall of 1931 and spring of 1932 delivery. Also choice varieties of rhubarb root, horse radish, etc. Send for list. Wm. R. Bishop, Burlington, N. J.

Cabbage, celery and all other vegetable plants in full season. Write B. Vincent, Jr. & Son, White Marsh, Md.

VERBENAS.

Orders booked now for our fine mammoth verbenas. Good cuttings for future delivery. Having not near enough to supply the demand the past season, we expect to grow a million this coming season. C. Humfield, Clay Center, Kan.

VINCAS.

Vinca var. fine, field-grown, \$5.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

If you read these advs. other would read yours.

VIOLETS.

20,000 Violet Plants, Princess of Wales, first-class, extra, ready to plant in houses or in cold frames, \$4.00 per 100; \$35.00 per 1,000. La France, large plants, \$5.00 per 100; strong cuttings, ready September 1, \$3.00 per 100. Double English, hardy, dark blue, \$3.00 per 100; large plants, extra, \$5.00 per 100. Cash. No. O. D. Sample sent on receipt of 50c. See Cliff Nursery, Sea Cliff, N. Y.

VIOLETS, 10,000 Fine Field Clumps, California, \$3.00 per 100; Princess of Wales, \$5.00 per 100; 200 per 1,000. A few hundred of a little smaller size at \$2.50 per 100; \$20.00 per 1,000. Samples, 10c. Cash with order.

Lady Campbell and Marie Louise, clean field-grown clumps, \$2.00 per 100. Marie Louise, 3-in. pots, \$3.00 per 100. Swanley Violet, 2½-2-in. pots, \$1.50 per 100.

Geo. Engel, Dayton Ave., Xenia, Ohio.

We have a surplus of several thousand fine, field-grown clumps of Marie Louise violet, at \$5.00 per 100; \$50.00 per 1,000. Terms cash; satisfaction guaranteed. C. H. Green, Fremont, Neb.

Princess of Wales, Campbell and La France violet plants, 3-iron, field-grown clumps from sand struck cuttings, \$5.00 per 100; \$50.00 per 1,000. Albert H. Brown, Westboro, Mass.

Violets, Strong field-grown Lady Campbell, free from disease, \$4.00 per 100; \$35.00 per 1,000. E. R. Lowe, 42 Summer St., West Roxbury, Mass.

La France and Princess of Wales, strong plants from open ground, \$5.00 per 100. C. E. Elmer, 11th and Jefferson Sts., Philadelphia, Pa.

5,000 Campbell clumps, clean and good; each price, \$1.50 per 100, \$30.00 per 1,000. By a violet grower.

A. B. Campbell, Cochranville, Pa.

Marie Louise violet plants, extra fine stock, \$4.00 per 100; \$35.00 per 1,000. Kennicott Bros. Co., 42 Randolph St., Chicago.

Field-grown Marie Louise, in Al condition. Nice clumps, \$5.00 per 100; \$40.00 per 1,000. John Schaffer, Ballston Spa, N. Y.

10,000 Farquhar violets, 3-in. pots. Strong and healthy. J. R. Freeman, 612 13th St. N. W., Washington, D. C.

Violets. Orders booked now for field-grown Imperial; this is choice stock. Crabb & Hunter, Grand Rapids, Mich.

Marie Louise, strong, field-grown clumps, \$4.00 per 100, \$35.00 per 1,000. Cash, please. R. Kilbourn, Clinton, N. Y.

Lady Campbell, clean, field-grown, \$4.00 per 100. M. Louise, \$5.00 per 100. W. G. Kraber, New Bedford, Mass.

Field-grown Lady Campbell violets, \$3.50 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

VIOLETS, Marie Louise from field, strong and healthy, \$3.00 per 1,000. H. N. Hoffman, Elmira, N. Y.

Campbell violets, field-grown, very strong, \$4.00 per 100. Paul Thomson, West Hartford, Conn.

1,000 Lady Campbell violets, 2½-2-in. pots, \$2.00 per 100; 3-in. pots, \$3.00 per 100. Cash. E. J. Cloud, L. E. 32, Avondale, Pa.

Marie Louise and Farquhar, Strong, healthy field-grown plants.

2,000 Princess of Wales, fine, large field-grown plants, \$3.50 per 100. Cash, please. Chas. Wiffin, Des Plaines, Ill.

Violets, strong field-grown, \$4.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Violet and Celery plants. A fine lot for sale; field-grown. Henry Hess, Cockeysville, Md.

MISCELLANEOUS.

Baby Primrose, strong 3-in., \$3.00 per 100. Begonia Vernon, strong 3-in., \$3.00 per 100. Fernleaf Cherry, strong 3-in., \$3.00 per 100. Smilax, 2½ and 3-in., \$1.50 per 100. Murray The Florist, 403 Main St., Peoria, Ill.

TO EXCHANGE.

To Exchange.—I will exchange 2-ft. field-grown C. Rambler rose plants and Magnolia grandiflora, 3-in. pots, for Roman and other high bush hollies, etc. Ramblers at the rate of \$6.00 per 100, magnolias \$5.00 per 100.

Wm. K. Nelson, Augusta, Ga.

To Exchange.—Carnations for Boston ferns and asparagus. Gift's Floral Co., Richmond, Ind.

To Exchange.—Carnations and roses for ferns. Jesse Robbins, Carlisle, Pa.

CUT FLOWER BOXES.

Star Florists' Boxes, Edwards & Dockler, Mrs. 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-27 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns always on hand. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 26 Court Square, Boston, Mass.

Hardy Cut Ferns, Christmas Trees, large or small lots; Spruce boughs, Greens, etc. Now is the time to get in your orders. John Abbott, Hinsdale, Ill.

Dagger and Fancy ferns, 50c per 1000. Laurel festooning, 4, 5 and 6c per yard. Crowl Fern Co., Millington, Mass.

Prepared palm leaves, etc. Florida Natural Products Co., Jacksonville, Fla. Branch store, Indianapolis, Ind.

Hardy cut ferns at 40 cents a thousand. All other decorative material. Thos. Collins, Hinsdale, Mass.

Southern Wild Smilax, new crop ready now. Caldwell The Woodsman Co., Evergreen, Ala.

Hardy ferns, bouquet green, etc. L. B. Brague, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Headquarters for horticultural supplies of every description. When you can't get what you want anywhere else, send here; we will send it to you. We have it in horticulture, we have it in—Dunn & Co., 14 W. 9th St., New York. Telephone call, 1700 Madison Square.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

SHEEP MANURE. Best fertilizer for top dressing. Send for price list and sample. Geo. Ripberger, 207 Academy St., Long Island City, N. Y.

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Boston Florist Letter Co., manufacturers of Florists' Letters. Block Letters, 1/2 or 2-inch size, per 100, \$2.00. Script Letters, 5/16. Enclose with each letter word. Sold by leading florists everywhere and for sale by all wholesale florists and supply dealers. N. F. McGarry, Treas. and Manager, 34 Hawley St., Boston, Mass.

Keep your eye open for the new Koral Patent Letter. Now ready. We are sole agents for the United States. Wholesale dealers apply for agency. George A. Sutherland, 24 Hawley St., Boston, Mass.

W. C. Krick, 1251 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices browse and green galax leaves, and Leucothea sprays, address the introducer.

Harlan P. Kelsey, 218 Tremont Bldg., Boston, Mass.

New green GALAX shipped by express; quality good. Bronze GALAX shipped from cold storage. New York. Write for prices. J. G. Lovyn, Montezuma, N. Y.

Bronze and green galax leaves. Write for prices in large quantities. H. M. Robinson & Co., 32-38 Court Sq., Boston, Mass.

Bronze galax leaves. \$1.50 per 1000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, green and bronze. 75c per 1000 in 5000 lots. Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

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Scollay's improved Putty Bath for glazing sash, etc. Also the Patent Paint Sprinkler. For sale by your seedsmen or sent postpaid, for \$1.00. John A. Scollay, 75 and 78 Myrtle Ave., Brooklyn, N. Y. Send stamp for catalogue.

Tremolyn's Old English Glazing Putty. Semi-Liquid, made only in America by Hammond's Paint and Slug Shot Works, Fishkill-on-Hudson, N. Y.

Mastica for glazing greenhouses, is superior to putty. Easier to apply and stays on. Send for circular. F. O. Pierce Co., 170 Fulton St., New York.

How to make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Before buying Greenhouse Glass, get our figures. N. Cowen's Son, 292-294 W. Broadway, New York.

Importers and jobbers of greenhouse glass, Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia, Pa.

Greenhouse glass of all kinds—Van Horne, Griffin & Co., 40 & 43 Vestry St., New York.

Greenhouse glass and putty a specialty. C. S. Weber & Co., 4 Desbrosses St., New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose, J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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Tobacco Stems, "Good strong kind." 60 cents per 100 lbs. Bales weigh 600 lbs. Tobacco Dust, "The Black Stuff." Fine or coarse to your order. 50 to 1,000 lbs., 2 cents per pound. H. A. Stoothoff, 116 West St., New York City.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free. Skabeura Dip Co., Chicago.

The Peerless Powder Blower. Distributes equally well Sulphur, Lime, Slag Shot, Tobacco Dust, Paris Green, Etc. Price, \$4.00. F. O. B. Chicago. Edw. E. McMorran & Co., Manufacturers, 15-21 N. Clinton St., Chicago.

Rose leaf extract of tobacco will save you money. For a booklet write to Kentucky Tobacco Product Co., Louisville, Ky.

Slugsnot, Grape Dust, Etc. B. Hammond, Fishkill-on-Hudson, N. Y.

Sulpho-Tobacco Soap. Rose Mfg. Co., Niagara Falls, N. Y.

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Hammond's Greenhouse White. B. Hammond, Fishkill-on-Hudson, N. Y.

PAPER SEED BAGS.

Paper seed bags of every description. Clark Bros., 61 Ann St., New York.

PIPE AND FITTINGS.

Greenhouse Valves and Fittings. Coldwell-Wilcox Co., Newburgh, N. Y.

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Standard Flower Pots at special low prices. Per 1,000: 9,000 6-inch, \$17.50; 4,500 7-inch, \$36.00; 3,500 8-inch, \$50.00; 600 9-inch, \$60.00. 250 at 1,000 rate. Less than 250 add 20c per 100. All orders filled in regular order. F. O. B. Columbus. Cash with order. The Livingston Seed Co., Columbus, Ohio.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application. H. A. Hows & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wriehwood Ave.), Chicago.

Red standard pots. Correct size, superior quality. Write for price list. C. Hennecke Co., Milwaukee, Wis.

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Red Standard Pots. The best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

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Red Pots. Colesburg Pottery Co., Colesburg, Iowa.

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The Kinney Pump. For applying liquid manure it has no equal. Sent prepaid for \$3.00. The Hose Connection Co., Kingston, R. I.

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Why not buy your Sphagnum Moss from first hand? We have always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c.; 10 bale lots, \$5.50. Send for sample bale. Z. K. Jewett & Co., Stata, Wis.

5-bbl. bale, \$1.00; 3 bales, \$2.50; 5 bales, \$4.00. H. B. Akers, Chatsworth, N. J.

L. B. Bryone, Hinsdale, Mass.

G. W. Luigs, Babcock, Wis.

STAKES.

Cane Stakes. Orders solicited. Car loads only; full shipments, 6 to 8 ft., \$2.50, and 6 to 10 ft. lengths, \$2.75 per 1,000, delivered at New York. Other points proportional. Order at once and get seasoned cane. W. J. Price, Mound City, Ill.

Hardwood plant stakes. Louis A. Share, manufacturer, Indianapolis, Ind.

TIN FOIL.

Tin Foil. Plain, Fancy, printed and mounted. Manufactured by The Conley Foil Company, 521 to 541 West 25th St., New York.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Palen Co., Kingston, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and readily taken off and is durable. Sample 100, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Model Extension Catalogue Supports, made with two or three circles; 3 to 4 ft., \$2.50, and 2 to 3 ft., \$1.50. 1,000, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

DO NOT TE UP ROSES OR CARNATIONS until you have read our circular on wire. H. P. Littlefield, Waukegan, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clamp. Special made and long wires. 1,000, prepaid, on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45 & 47 Wabash Av., Chicago.

Emil Steffen's Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

NEPENTHES.

A series of experiments carried on by the late M. Clautrian on two species of nepenthes in their native country, Java, seems to have set at rest the controversy respecting the digestive properties of the fluid contained in their pitchers. He states that the bodies of insects found in these urns are more or less completely digested, and that not by the agency of microbes, which were excluded during the experiments. The fluid, while still in the urns, is neutral to reagents, but shaking the urn, or introducing any foreign substance, renders it acid. The worms which takes the active part in the digestion, must be regarded as a peptic rather than as a trypsin.—*Biol. Centralbl.*, 21, 23 (*Pharmaceutical Journal*.)

BETTER RETURNS.

We will candidly say we have had better returns from adva. in the Review than in any other publication.—NANZ & NEUNER, Louisville, Ky.

BETTER RESULTS.

I shall continue to patronize your columns by giving you a greater proportion of my advertising, as the REVIEW gives me better results.—JOSEPH HEACOCK, Wyncote, Pa.

KANSAS CITY, MO.

Trade and Personal Notes.

The general opinion is that trade conditions do not differ materially this summer from those of a year ago. We have some fearfully dull days, then occasionally a good one to relieve the monotony. It is no reflection on the craft to say that the work turned out during the summer season was the poorest ever seen here. We have simply done the best possible with the stock available. Recent heavy rains have cooled the atmosphere, revived the spirits of mankind and improved vegetation somewhat. Outside flowers are coming in more plentifully, but are inferior in quality. There are no field-grown carnations and asters are of no account for the retail trade. A better feeling exists among the growers since they were able to house carnations. The young roses are making good growth, though, like all other indoor stock, have not fully recovered from the terrible effects of the extreme heat.

The state of Missouri, which for two months was as dry as the desert of Sahara, is gradually redeeming itself and reports on crop yields are more encouraging. The peach crop is enormous and tons of this luscious fruit are to be seen in the fruit market.

Arthur Newell, our only representative at the Buffalo convention, has returned home full of enthusiasm and is very emphatic in telling the boys what they missed by not attending the convention this year. He says the horticultural features of the Pan-American exceeded his most sanguine expectations and can compare them only to the beautiful estates in old England, where in his boyhood days he strolled through the gardens at Sandringham with the Prince of Wales.

Miss Marie Dalley and Miss Jennie Murray, our two lady representative florists, have been sojourning in Wisconsin for two weeks.

The affable and businesslike Walter Mott called upon the trade here recently. H. J. M.

OMAHA.

Trade seems to have revived during the past week. There is no particular demand, but a steady increase; this may not hold out, but it looks like the beginning of a good fall trade. Prices are about the same as a week ago, with carnations very scarce.

Carnations are being planted by some growers, while others are waiting for a rain.

J. J. Hess and wife have returned from the lakes in Wisconsin.

A. Donaghue, Jr., left for the west, touching at Denver and Salt Lake.

J. H. B.

EXCURSION RATES TO BUFFALO VIA THE WABASH LINE.

Sept. 8 to 12 the Wabash will sell excursion tickets, Chicago to Buffalo and return, as follows: Good 15 days, \$11.10; 20 days, \$12.55; until Oct. 8, \$14.50. Four daily trains with palace sleepers and free chair cars. Write for Pan-American folder. Send six cents in stamps and receive a copy of the latest song, with music, "Wake Me Up at Buffalo." F. A. Palmer, A. G. P. A., 97 Adams street.

Always mention the Florists' Review when writing advertisers.

150,000 Field-Grown Carnations 6 Acres

Our carnations have grown very fast the last two weeks and are now as fine and healthy plants as we have ever sold. We have no stem rot, dead leaves or disease of any kind.

MARQUIS,	G. M. BRADT,	BUTTERCUP,
	\$8.00 per 100.	
GENEVIEVE LORD,	ETHEL CROCKER,	G. H. CRANE,
	\$6.00 per 100.	
WHITE CLOUD,	MRS. FISHER,	DAYBREAK,
FLORA HILL,	WM. SCOTT,	TRIAMPH,
ALBERTINI,	ELDORADO,	PORTIA,
JUBILEE,	ARMAZINDY,	METEOR,
	\$5.00 per 100.	

QUEEN LOUISE,

\$12 00 per 100 \$100 00 per 1000.

Reports coming in from our customers show that QUEEN LOUISE has equalled or surpassed in growth all the other varieties of carnations. It is the best WHITE Carnation grown. You will miss it if you do not plant it largely. Send in your order early.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

MARIE LOUISE Carnations.

Violet Plants.

EXTRA FINE STOCK.

\$4 per 100, \$35 per 1000.

Also good strong plants of Carnations as follows:

Daybreak, Armazindy,
Chapman, White Cloud,
Flora Hill, America,
\$5 per 100.

Write

Kennicott Bros. Co.,
42 & 44 Randolph St.,
CHICAGO.

THRIFTY FIELD.....CARNATIONS

WITH PLENTY OF ROOTS
READY NOW All the best varieties.
Write for prices.
GEO. HANCOCK & SON,
Grand Haven, Mich.

VEGETABLE PLANTS! PLANTS!

CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000. \$8.50 per 10,000; \$75.00 per 100,000.
CELERY.—Giant Pascal, Golden Heart, White Solid, Golden Self Blanching and other varieties. 15c per 100, \$1.00 per 1000, \$8.50 per 10,000; Giant Pascal and Golden Heart, \$75.00 per 100,000.
If by mail add 10c per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.



HITCHINGS & CO.
233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING.
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

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20,000 Carnations.

Clean, Bushy, Field-Grown Plants.
\$6.00 per 100; \$50.00 per 1000.

GENEVIEVE LORD,
WM. SCOTT, MARQUIS,
MAYOR PINGREE,
ETHEL CROCKER,
MAC RICHMOND.

2,000 A SPARAGUS PLUMOSUS,
Fine, Strong Plants, 3-inch pots,
\$6.00 per 100

Dracaena Indivisa.
5-inch pots, \$25.00 per 100.

ISAAC H. MOSS,
Govanstown, BALTIMORE, MD.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

20,000 Field-Grown..Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching.

Flora Hill, Melba, Crocker, G. Lord, B. Lippincott, America, Crane, Maceo, Bradt and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.

Always Mention the...
Florists' Review
When Writing Advertiser



Notice Reduction IN PRICES.

Nephrolepis Wittboldii

We have now an immense stock of
and owing to our lack of room to grow them on,
will fill orders at the following prices:
Plants from the bench, ready for 2-in. pots, \$ 1.50 per doz.
" " " " " 3 " " " 2.00 "
" " " " " 4 " " " 3.00 "
" " " " " 5 " " " 5.00 "
From 6-in. pots **12.00**
" " " " " 7 " " " **15.00**

We wish to call your attention to the fact the Cut Fronds of Nephrolepis Wittboldii are finding among cut flower workers.

E. G. Hill says: "IT IS GREAT FOR CUT FLOWERS," and we have dozens of customers who are growing a few plants on the bench for cutting purposes in design work.

The above prices will soon exhaust our surplus stock and customers will do well to order immediately.

WE HAVE ALSO AN UNUSUALLY LARGE STOCK OF DECORATIVE STOCK AS LISTED BELOW WHICH IS NOW IN PRIME CONDITION.

Variety, 3 in a pot.	Size Pot.	Height, Inches.	Character Leaves.	Price Each.	Doz.	100
Areca Lutescens.....	2 1/2	5 to 6	.....	.....	\$ 7.75	\$50.00
" " ".....	3	8 to 10	.....	.....	2.00	15.00
" " ".....	3 1/2	12 to 15	.....	.....	2.00	15.00
" " ".....	4	18 to 20	.....	.....	\$ .25	3.00 25.00
" " ".....	5	20 to 22	.....	.....	20	3.00 35.00
" " ".....	6	20 to 24	.....	.....	25	9.00
Kentia Bolmoreana.....	2 1/2	8 to 9	3 to 4	.....	1.50	12.00
" " ".....	3	10 to 12	4 to 5	.....	2.00	15.00
" " ".....	3 1/2	12 to 14	5 to 6	.....	25	3.00 30.00
" " ".....	4	14 to 16	5 to 7	.....	30	3.60
" " ".....	6	.....	.....	.....	.....	15.00
" " ".....	6	.....	.....	.....	.....	18.00
" " ".....	7	30 to 36	5 to 6	2.25	26.00	.....
" " ".....	8	36 to 40	5 to 6	3.00	35.00	.....
" " ".....	8	36 to 42	5 to 6	3.50	42.00	.....
" " ".....	9	40 to 42	6 to 7	4.00	48.00	.....
" " ".....	9	42 to 44	6 to 8	4.50	54.00	.....
Kentia Forsteriana.....	2 1/2	8 to 9	3 to 4	.....	1.50	12.00
" " ".....	3	10 to 12	4 to 5	.....	2.00	15.00
" " ".....	3 1/2	12 to 14	5 to 6	.25	3.00 20.00	.....
" " ".....	4	14 to 16	4 to 5	.50	4.00 30.00	.....
" " ".....	6	18 to 20	4 to 6	1.50	18.00	.....
" " ".....	9	30 to 34	5 to 6	6.00	.....	.....
" " ".....	9	3 plants in a pot.....	.....	8.00	.....	.....
Latania Borbonica.....	2 1/2	3	.....	.....	.60	4.00
" " ".....	3	.....	.....	.....	1.00	8.00
" " ".....	3 1/2	12 to 15	5 to 6	.15	1.50	12.00
" " ".....	4	15 to 18	5 to 7	.25	3.00 20.00	.....
" " ".....	5	18 to 22	6 to 7	.50	5.00 35.00	.....
" " ".....	6	18 to 24	6 to 8	.75	7.20 50.00	.....
" " ".....	8	20 to 24	8 to 10	2.25	15.00	.....
" " ".....	9	24 to 28	9 to 11	2.50	.....	.....
" " ".....	6	5 1/2 ft.....	.....	1.50	18.00	.....
Arucaria Excelsa.....	3	.....	.....	.....	1.50	.....
Draecena Ter.....	3	.....	.....	.....	3.00	.....
" " ".....	4	.....	.....	.....	3.00	.....
" " ".....	4	.....	.....	.....	5.00	.....
" " Frag.....	4	.....	.....	.....	3.00	.....
" " ".....	5	.....	.....	.....	5.00	.....

Variety.	Size Pot.	Price Doz.	100
Phoenix Canariensis.....	4	.....	3.00
" " ".....	5	.....	5.00
Sansevieria J. V.....	2 1/2	.....	2.00
" " ".....	3	.....	1.00
" " ".....	4	.....	2.00
" " ".....	5	.....	3.00
" " ".....	6	.....	6.00
Peperomia Argeria.....	2	.....	1.00
" " ".....	3	.....	1.50
" " ".....	5	.....	2.00
" " ".....	5	.....	2.00
Ficus Elastica.....	6	.....	6.00
" " ".....	8	.....	15.00
Asparagus Sprengerii.....	2	.....	50 3.00
" " ".....	3	.....	50 8.00
" " ".....	4	.....	50 12.00
" " ".....	5	.....	50 15.00
" " ".....	6	.....	.....
" " ".....	7	.....	6.00
" " ".....	8	.....	9.00
Asparagus Plu. Nan.....	2	.....	50 4.00
" " ".....	3	.....	1.00 8.00
" " ".....	4	.....	2.00 15.00
" " ".....	5	.....	3.00 20.00
" " ".....	7	.....	.....
" " ".....	8	.....	.....
Nephrolepis Bost.....	2	.....	50 4.00
" " ".....	3	.....	1.00 8.00
" " ".....	4	.....	2.00 15.00
" " ".....	4	.....	3.00
" " ".....	5	.....	4.00
" " ".....	6	.....	5.00
" " ".....	6	.....	6.00
" " ".....	7	.....	9.00 75.00
" " ".....	9	.....	15.00
Cycas Revoluta.....	.....	.....	.....

Cycas Revoluta—We have an immense stock of good values from 25c to \$3.00 each.

THE GEORGE WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

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CROP 1901.

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Fansy, Superb Show Mixture, trade pkt. 25c; 1/2 oz., 75c; oz., \$1.00.
Fansy, 25 Finest Giant Varieties, trade pkt. 25c; 1/2 oz., 75c; oz., \$1.50.
Cineraria, Giant, Frize Strain, Mixed, trade pkt. 75c.
Cineraria Polyantha (Cruenta Hybrids) trade pkt. \$1.00.
Calceolaria Giant Frize, Superb Mixed, trade pkt. 50c; half pkt. 25c.

W. C. BECKERT, Allegheny, Pa.
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ASPARAGUS, Sprengerii.....per 100, \$2.00
 Plumosa..... 2.50

CASH.

PANSY SEED, No Plus Ultra, oz., \$4.00.

JOS. H. CUNNINGHAM, - - - DELAWARE, OHIO.

Mention The Review when you write.

Chinese..... Per 100
 Single mixed..... \$2.00
 Obconica Alba and
 Rosea..... 2.00
 Forbest..... 2.00

PANSY PLANTS,

Ready October 1st.
 at \$3.00 per 100.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
530-535 Caxton Building,
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INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 417-435	Kentucky Tobacco Product Co. 443
Amiling, E. C. 432	Kroeschell Bros. Co. 444
Barnard, W. W. & Co. 417	Fueh, C. A. A. 432
Bassett & Washburn. 432	Ruhi, Geo. A. 433
Bayersdorfer & Co. 418	Lager & Hurrell. 418
Beckert, W. C. 411	Loung, D. B. 433
Bentley & Co. 432	Lord & Burnham. 444
Berger, H. H. & Co. 418	McKellar & Winter-son. 433
Beving, H. G. 432	Meohan, C. E. 433
Brant & Noe 431-433	Michell, H. F. 417
Brunkerhoff & Barnett. 414	Miller, J. W. 433
Engraving Co. 414	Mitting, A. 429
Buckbee, H. W. 430	Moninger, J. J. C. 442
Buckley Plant Co. 418	Moore, Ch. W. H. 430
Butland, J. A. 432	Morris Floral Co. 443
Burpee, W. Atlee & Co. 431	Moss, Isaac H. 440
Caldwell The Woodsman Co. 433	Niessen, L. O. 430
Chicago Faecny. 431	Palen Co. 442
Chicago Cut Flower Co. 432	Pennock, S. W. O. 428
Classified Advs. 434	Pierce Co., F. O. 444
Collieash, J. W. 433	Pittsburg Cut Flower Co. 428
Cottage Gardens. 431	Poehlmann Bros. Co. 433
Crabb & Hunter. 431	Pollworth Co., C. C. 432-442
Crown Fern Co. 418	Quaker City Machine Works. 444
Cunham, Chas. 431	Randall, A. L. 432
Deitsch, A. & Co. 441	Rawlings, E. I. 430
Dillon, J. L. 433-440	Reed & Keller. 418
Dorner, F. & Sons Co. 440	Regan Ptg. House. 443
Droser, H. A. 431-444	Reinberg, F. 432
Dutton, Chas. S. 432	Retzer, W. & Co. 430
Ellis, F. M. 432	Rice, M. C. 418
Esler, John G., Sec'y. 442	Robinson, H. M. & Co. 433
Gayland, Geo. M. 444	Rupp, John F. 433
Geller, Sigmond. 418	Smith, F. W. O. 444
Giblin & Co. 414	Scollay, John A. 441
Green & Underhill. 431	Skabeura Dip Co. 443
Hall, W. E. 440	Smith, N. & Son. 431
Hancock, Geo. & Son. 440	Soltan, Chr. 435
Heacock, Jos. 429	Thauen, H. & Co. 443
Heiss, J. B. 429	Thornburg, M. C. 418
Herrmann, A. 418	Vincent, Jr., R. & Son. 440
Hill Co., E. G. 431	Wabash Ry. 443
Hippard, E. 443	Weber & Sons. 430
Huchings & Co. 440-442-441	Welland & Fisch. 432
Hunt, E. H. 432	Whilldin Pottery Co. 442
Hunting Bros. 444	Whitton, S. 432
Kasting, W. F. 417	Wielor Bros. 442
Keller Bros. 444	Wilks Mfg. Co. 434
Kellner, Geo. M. 433	Whitcomb, Geo. 441
Keenest Foundry & Machine Co. 444	Zirniebel, D. 433
Keoncut Bros. Co. 417-440	

PONTIAC, MICH.—The new floral building at the State Fair grounds will be in readiness for the opening of the fair on Sept. 23. It is the principal building on the grounds.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST L.A.I.L.

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



WHILLDIN POTTERY CO.
JERSEY CITY PHILADELPHIA
LONG ISLAND CITY

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EXPRESS WRITE FOR CATALOGUE

GREENHOUSE MATERIAL

JOHN & MONINGER CO. 111-125 BLACKHAWK ST. CHICAGO.
COR. HAWTHORNE AVE.

OF EVERY DESCRIPTION

See That Ledge.

Pat. Sept. 18, 1900.

THE JENNINGS IMPROVED

IRON GUTTER.

...USE OUR...

Patent Iron Bench Fittings and Roof Supports, Ventilating Apparatus, Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS.

JENNINGS BROS., Olney, Phila., Pa.

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RED POTS

SAMPLE POT and PRICE LIST ON APPLICATION.
C. C. POLLWORTH CO., Milwaukee, Wis.

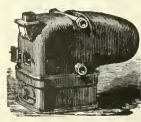
KELLER BROS.

213-15-17-19-21-23 Pearl St. NORRISTOWN, PA.
Manufacturers of STANDARD FLOWER POTTS,
red in color, equal to the best on the market; are 16 miles from Philadelphia, best of railroad connections. We give special attention to mail orders and make special sizes to order in quantities. A postal will bring prices and discounts.

Tin Foil for Florists
Special Shades. Special Designs. Plain or Colored.

Write today for samples and prices.
THE PALEN COMPANY, Inc.
KINGSTON, N. Y.
Western Representatives: J. HOWARD JONES & SONS, 34 Wabash Ave., Chicago, Ill.

Mention The Review when you write.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings
And Ventilating Apparatus
Send Four Cents for Catalogue.

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WICHITA, KANS.

The unusual heat and lack of moisture during June and July have made all outdoor stock scarce and mostly of poor quality. Stock in the greenhouses has also suffered.

These conditions seem to have prevailed, with a few local exceptions, over the greater part of Kansas, Missouri, Nebraska, Iowa and Oklahoma, so that the florist who wished to buy stock had to "send East" for it in most cases, and, judging from its quality when received, the same conditions evidently existed there.

Weather conditions here are about back to normal again, and outdoor stock which did not die during the hot spell is now making fair growth, and the shortage will not cost the florist as much as was feared when matters were at their worst.

Kansas has had at least five good crop years, and the present shortage in a part of the crops will not have the serious effect of a drouth under different conditions; and, with the best wheat crop in her history, Kansas will not lose step in her march of development, progress and prosperity. The fact is, the average Kansan is not losing any sleep, and is not half as concerned as the fellows who write scare-headers for the city papers would have it appear.

Summer business among the florists in Wichita is being about as usual. An occasional funeral job, with stock scarce, has made him attend to business pretty closely. Getting ready for the winter season is occupying the stage at present.

W. H. Culp & Co. have added to their storage room for fuel and expect to have the bulk of the winter's supply in the bins by Sept. 15.

Keuchenmeister will build a good-sized propagating house.

C. P. Mueller expects to add some more glass, and will remodel one house, and will probably change heating system from hot water to steam.

Arthur Marsh has sold his interest in the "College Hill Greenhouses" to Mr. Barton, who, with H. L. Hunt, will comprise the firm in the future. They expect to add a couple of houses this fall.

W. H. Culp & Co. have bought the corner lots facing on Market street and lying just across the alley from their present location. This ground has been used by them for the past six years for out-door planting, and is in a good location for their business. They had plans completed for a couple of good-sized houses to be built on this land this fall, but the continued high price of glass, pipe, etc., caused them to finally defer it, and the ground is now marked by a turnip patch.

The Wichita Greenhouse Co. has gone out of business. W. H. Culp bought the bulk of the desirable stock last May. The glass has been removed from the houses, and all the material is for sale.

C. A. Rose's store, on Main street, has been repaired, and with the freshly-painted woodwork, looks as good as new.

The immortal "Jags" paid Wichita a visit a week or so ago. He told us how he had been at work in Buffalo at the "Pan-Am," until everything that required skill was done; then he was laid off and went to Missouri, where he worked in a place until it got so dry they had to hand water in barrels for the greenhouses. That was too much for him and he came to Wichita. However, as he denied having ever met William Scott, of Buffalo, it is possible he is an imposter and en-



STANDARD.

Before Buying any Machinery for your Houses Examine the Merits of the best Machine in Use. Send for catalogue of Specialties.

E. H. HIPPARD, - - Youngstown, Ohio.

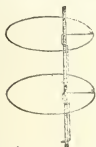
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Duplex Iron Gutters.

Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 3 inches of shade. No drip whatever from glass or gutter.

THADEN'S WIRE TENDRIL.



Adapted to horizontal wires as well as stakes for Roses, Carnations, Chrysanthemums, etc.

We claim that the tendril does not crowd the plant, but holds it firmly and with freedom. Does not mutilate the foliage. Harbors no insects. Makes the plant come to a straight stem. Admits of free circulation of air. Requires no skilled labor to place properly. Can be removed up or down the stakes. Easily put on and easily taken off, and are durable. Sample package of 100 prepared for 50 cents.

H. THADEN & CO., Florists and Seedsmen, 23 South Broad Street. ATLANTA, GA.

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Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

A. DIETSCH & CO.,

615 to 621 Sheffield Ave., CHICAGO, ILL.

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG, Publisher, Buffalo.

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ILLINOIS DAY AT PAN-AMERICAN.

Low Rates via the Wabash.

On account of Illinois Day at the Pan-American Exposition, the Wabash will sell excursion tickets, good only in coaches or chair cars, at \$10.50 for the round trip from Chicago. Good to leave Chicago Sept. 14 and 15, and good to leave Buffalo until Sept. 22, inclusive. Four daily trains. Write for Pan-American folder. A copy of the latest popular song, with music, "Wake Me Up at Buffalo," will be sent postpaid for six cents in stamps. F. A. Palmer, A. G. P. A., 97 Adams street.

It is to only a moderate amount of the sympathy which the Wichita florists delight in extending to those tourists who land here with big stories, small credentials and no money. C.

TOLEDO, O.—Crane Bros. are adding a new house 10x50.

NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN—CIRCULAR FREE—SKARBURA DIP CO. CHICAGO.

Kill (AND SAVE THE BLOOMS) the Bugs! QUICKLY DOES IT.

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To THE DAN AMERICAN EXPOSITION AND NIAGARA FALLS.

THE WABASH

Has its on a rails and is the shortest line to

BUFFALO AND THE FALLS.

Stop-overs given at both points on all tickets.

For Descriptive Matter, Rates, etc., call on nearest Ticket Agent, or address: C. S. CRANE, G. P. and T. A., ST. LOUIS, or F. A. PALMER, A. G. P. A., CHICAGO.

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Nursery ... Seed ... Florists' ... **Catalogues**

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BEST AND CHEAPEST

ROSE LEAF EXTRACT OF TOBACCO

ALL-ROUND INSECTICIDE on the Market.

For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

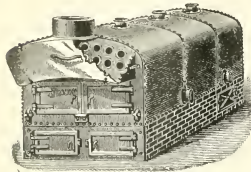
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KROESCHELL BROS. CO.

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Greenhouse Boiler,

51 Erie St., CHICAGO.



Boilers made of the best material, shell, firebricks sheets and heads of steel, water space all around, front, sides and back. Write for information.

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WILKS HOT WATER HEATERS.

Best made for GREENHOUSES. SELF-FEEDING MAGAZINE.

All Steel, Simple, Strong, Durable.

Send for Catalog, etc. **S. WILKS MANFG. CO.** 53, 55 S. Clinton St. CHICAGO.

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Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue, Quaker City Machine Works,

RICHMOND, IND.

Mention The Review when you write.

Holds Glass Firmly FULLSIZE No 2

See the Point **SP** The Van Riper Perfect Glazing Points are the best. No rivets or nuts. Box of 100 points 75 cents, postpaid.

HENRY A. DREER 714 Chestnut St., Phila., Pa.

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MASTICA For Glazing Greenhouses. Proven superior to putty. Easier to apply and stays on. Endorsed by prominent florists. Send for descriptive circular of Mastica and Mastica Glazing Machines. F. O. PIERCE CO., Sole Manufacturers, 170 Fulton St., New York.

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Brinkerhoff & Barnett Engraving Co. 300-306 Dearborn St., CHICAGO.

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STEAM AND HOT WATER HEATING ENGINEERS.

GREENHOUSES AND CONSERVATORIES

ERECTED COMPLETE WITH

OUR PATENT IRON CONSTRUCTION.



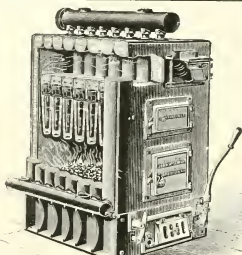
Plans and estimates on application either for structures complete or for material only ready for erection. Estimates for

We make special **GREENHOUSE PUTTY.** **CYPRESS GREENHOUSE MATERIAL.**

LARGEST BUILDERS OF GREENHOUSE STRUCTURES.

Greenhouse Construction Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

LORD & BURNHAM CO. NEW YORK OFFICE, St. James Bldg., Broadway and 26th St. GENERAL OFFICE AND WORKS, Irvington-on-the-Hudson, N. Y.



"INVINCIBLE."

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, SEPTEMBER 12, 1901.

No. 198.

Lilium Harrisii

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TEMPTING PRICES :	6-8 inch	Per 100	Per 1000
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The Early Flowering LONGIFLORUM MULTIFLORUM,

7-9 inch, per 100, \$3.00; per 1000, \$45.00.
9-10 " " 7.50; " " 70.00.

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is offered by several good growers and by ourselves at \$2.00 per 100. Try a hundred of their plants or ours so you will buy

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IN APRIL, 1902.

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DAGGER or FANCY FERNS 50c per 1000.

Green or Bronze Galax, 75c per 1000. In 5000 lots. Laurel Festooning, 40c, 50c and 60c per yard.

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SEE PAGE 429, SEPT. 5th.

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6 inch pots, \$1.00 each; 8 1/2 inch pots, \$2.00 each. 7-inch pots, \$1.50 each; 8-inch pots, \$2.00 each.

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MORE REMUNERATIVE.

My ads. in THE REVIEW were more remunerative than those in any other paper. I am well satisfied.—T. L. MEAD, Ovelto, Fla.

FLORISTS' CALENDAR -- September.

Lil. Harrioli, extra fine, 5x7 inch.....	12	100	10.00
Lil. Candidum, St. Joseph's Lily, thick petaled sort, extra strong bulbs.....	40	50	\$17.50
Thick petaled sort, fine bulbs.....	75	50	35.00
Thin petaled sort, fine bulbs.....	60	40	24.00

LONGIFLORUM, Japan now. EARLY is early. Plant now.

5x7 inch circle.....	12	100	10.00
6x8 ".....	45	2.75	\$12.38
7x9 ".....	60	4.00	24.00
8x10 ".....	85	6.50	55.25
10x11 ".....	120	10.00	12.00

True Longiflorum Multiflorum, blooms two weeks earlier. Many more flowers. Try them. Stock very scarce.

6x8 inch.....	40	4.00	16.00
7x9 ".....	75	5.00	37.50
8x10 ".....	100	7.00	7.00

Roman Hyacinth, white..... 25 1.75 43.75
12x15..... 40 2.25 90.00
18x25..... 50 2.75 137.50

Paper White, TRUE Grandifl. Extra 1st size..... 15 85 12.75
12 cm. up..... 10 75 7.50

Calla Ethiopica, SOUND center roots, 3x3-inch..... 60 4.00 24.00
1 1/2-inch..... 75 5.50 30.00
5x7 "..... 85 6.50

Cyclamen Persicum Granatum, brilliant colors, extra size bulbs, 1 1/2-2-inch..... 85 6.00

All DUTCH BULBS READY, Extra fine this season. 12 100 10.00
Hyacinths, large bulbs, extra fine, 1 1/2 cm. up, in separate colors..... \$5.00 \$3.50 \$32.00
Von Sion, extra fine, 6-bc, nose 3/4 3.00 17.00
Send for estimates on all Dutch Bulbs.

SEEDS TO SOW NOW
Just received, fresh, Cyclamen P. Giganteum Seed, in white, rose, brilliant crimson white with dark eye. Each color separate. 100 seeds, 60c; 1000 seeds, \$3.00.

PANSIES, Cream of French, German and English prize flowers, uniformly 1000 seeds, 25c.

Moss Anemone 5-bc..... 100, 35c; 1000, 87c
Asparagus Sprenger..... 100, 35c; 1000, 2.75
Asparagus Platanus N..... 100, 35c; 1000, 6.00
Order NOW Azaleas and Valley for November Delivery.

Fern Balls. Send for new catalogue. Any information. Estimates cheerfully given.

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ORCHIDS..

Arrived in prime condition, the beautiful Leelia Patini, Oncidium Kramerianum (butterfly orchid), Anclisia Cloves and A. Buckertii. We also offer a fine lot of Oncidium Varicosum Rosei in spike, and Cattleya Percivalliana in sheath. Write for prices.

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THE RETAIL FLORIST.....

The Careful Buyer.

No man is more valuable to himself or his employer than the careful buyer, especially at a time when very little is coming in. It is his special duty to see that as little as possible goes out in the way of money, and yet manage to keep the store in a business-like condition. With orders on the books or not a presentable stock of flowers must be kept, and on his selection and ideas of value most often depends a great deal of the success of a store. Of course we can never put him on the same pedestal as the artist, but the artist depends more or less on him for material.

It is getting to be the custom in a few of the stores of New York to have two buyers. One scours the market and has the pick of the flowers sent to the store on the "approval if satisfactory" plan, and the inside buyer, getting all this stuff together, selects the best and returns the rest. This mode of doing business may be acutely astute, but it is bad and injurious to the general trade, and depends alike on men and markets. But that is yearly becoming less important in the whirlpools of over-production. It is good, whether we buy or not, to keep posted. To know the condition of the market is of the utmost value. Prices will go up and down, and they usually go up on the indifferent buyer.

Adaptability of material is another important feature and one that requires considerable training to be wise on. The retailer very often finds himself struggling between feelings of generosity and the reverse, especially when the market is low. He in most cases imagines that it only spoils customers to give them the benefit of his bargains, that if he were to give a large wreath now for \$5 he would be expected to do so in December when flowers are much higher. There is a good deal of truth in this, and one needs to be very careful not to spoil a good customer, yet on the other hand, in the great majority of cases it is best and wisest to give people the benefit of the condition of the market.

Competition is liable to steal away at any time the customer who will pay a high price for anything at any time, but it requires more than competition to steal the customer with whom you deal in a generous way. One cannot catch new trade without offering some special inducement; one cannot keep old trade without giving satisfaction. There are times when those who generally look for quality would be better satisfied with quantity, and the majority of people nowadays look for both. You cannot blame them; don't get angry; it is the way of the times. Diplomacy is one of the greatest, if not the most valuable, accomplishment a man of today can acquire.

But let us saunter through the market with the buyer. It is a notable fact that the wholesaler adopt the same attitude toward the average buyer that the retailer does to his best paying customer—

he prefers to give the Greek fakir or street peddler a bargain in preference to the legitimate storekeeper. It is a matter of common everyday occurrence in New York that a street fakir can go into any wholesale place and buy roses for one-half, most often one-quarter, the price charged to the stores. This is what most often demoralizes the market, and will ultimately end in a thorough revolution in the mode of marketing cut flowers in our large cities.

IVERA.

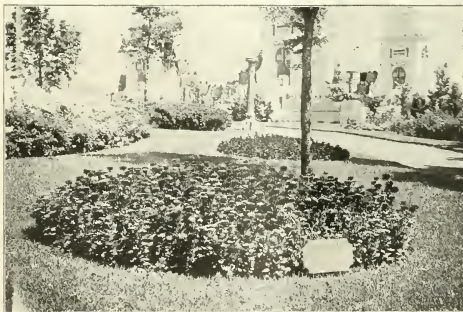
WREATHS.

In funeral arrangements the wreath is still the most pleasing and it can be arranged in a great variety of ways. We believe that a collection of wreaths arranged by floral artists in widely separated sections of the country would be interesting and educational to every reader of the REVIEW and we invite all to send us photographs of wreaths which they consider worthy of illustration in the REVIEW. We would like to include in the collection simple arrangements as well as elaborate ones. Will you contribute an example of your work for the benefit of all?

known fact that the most common one of the two (Rhizoctonia, or wet fungus) will do little harm as long as no moisture comes in contact with it, and that is why you so often find that during a moderately dry summer none of the plants die with it in the field, but as soon as they are hoisted and kept damp a few days the disease begins to develop and the plants soon begin to die off.

So the best, and, in fact, the first, thing to do as soon as the disease is discovered is to keep the plants as dry as possible and water the soil just enough to keep the plants growing and try to water in the morning of a clear day, so the surface of the soil will dry off again before night. Stirring the soil will allow the air to get into it, which is also very beneficial. You will always find more stem-rot in benches that are not stirred than you will where the surface of the soil is kept loosened up. Dusting lime over the plants and the soil is very beneficial, and in fact most growers mix about as much lime with the soil as they do of bone, and it all helps to keep the disease down. Sulphur is said to be good, but as it is much more expensive than lime it is not likely to be used as freely.

In a great many cases the disease is brought on through too deep planting and Mr. G. S. would do well to examine his plants and see whether they are not set into the soil deeper than they were out in the field. If such is the case, he should take enough soil off the bench to expose the stem as much as it was outside. Merely scraping the soil away from around the stem will do little good, as it will wash right back again after a few heavy waterings.



Bed of Blue Asters at the Pan-American Exposition. Exhibit of Henry A. Dreer.

CARNATION NOTES.

Stem Rot.

If I could see Mr. G. S.'s carnations it might be possible that I could determine the immediate cause of the stem rot which is giving him so much trouble. There are many ways in which it may be brought on, or aggravated, as the case may be. It has been proven conclusively that the spores of the disease are in most cases either in the soil on the benches or else it is brought in from the field with the plants, perhaps most often the latter. It is also a well-

We have always advocated leaving a slight depression around the plants to hold water when they are watered the first time, but it should not be a deep hole and the plant should not be planted as though the bottom of the hole were the level of the soil. If we notice any signs of stem-rot we water this way only once, and before we water again we make a furrow between each row of plants and water only in that furrow, leaving the soil near the plants rather dry. This keeps the stems dry and the disease remains inactive and at the same time the roots below have plenty of wa-

ter, and in a few weeks the plants are established and able to fight off the disease. Keeping the soil loosened up allows the water to seak down to the roots while the top soon dries off and the stems are also kept dry.

We go through all our carnation benches about ten days after planting with one of the teeth from a hand cultivator and draw it through the soil about an inch or two deep, both crosswise and lengthwise of the bench. This leaves furrows both ways and there is no danger of the water running off the surface and leaving the bottom dry. Last year we had a bench which was infested with this disease and we were able to keep it in check by watering on bright days and only in these furrows.

We find that there is less of this disease where bottomless pots are used, as the plants are up higher, away from the soil and can be kept drier as the air can circulate better between them. We also find that there is still less if the plants are grown in the pots all summer than if they are lifted from the field in the

ground is a bed of mixed hybrid perpetual roses.

A long oblong bed of *Richelieu* geranium by C. W. Ward, of the Cottage Gardens, has made a fine show for a long time. This geranium resembles in many respects the well known *S. A. Nutt*, but does not seem to have that defect of blackening the inner petals and is, I think, a distinct improvement on *Nutt*. The reader will notice in this bed there is a maple tree. Now this tree was not put there until last June and as the whole ground is artificially made and the tree could have but few roots we had no idea anything would suffer in the bed. If the tree had been growing there permanently we would have known, of course, that the roots of the maple would rob the soil and that the geraniums would be poor, but we hardly expected that a tree put there with a comparatively small ball of earth would make any difference. But to our cost we find that wherever there is a tree planted it has much affected the growth of the plants beneath.

most luxuriantly. The photograph does not show the colors but there are no two colors alike and all have been beautifully marked. It is a particularly fine strain.

A circular bed of blue *chrysanthemum* aster has been very fine, as will be seen by the picture. The bed is one mass of bloom, of an even uniform growth and like the other asters are about the average of asters in this neighborhood. Exhibited by H. A. Dreer.

CHRYSANTHEMUM NOTES.

Mulching.

A light mulch of well-rotted cow manure is very beneficial to the plants growing in boxes or benches if applied soon enough for the plants to get the benefit of it before they come into flower.

I have always considered it better to put the manure on now as a mulch, so that its good properties can wash down into the soil, in place of putting a coating of manure in the bottom of the bench before filling with soil in the early part of the season.

It would be better, if the rotten manure is not available, to use fresh manure in a liquid form; then, if diluted well with water, it can have no possible ill effects. I have before now seen all the bottom foliage burned off by a top dressing of green cow manure.

Feeding

should be carried on now regularly if good flowers are looked for. Feed early and often, like the ward-heeler votes, and, we might also add, always feed lightly. A bushel of horse or sheep manure, placed in a bag and soaked in a fifty-gallon barrel of water, will make a good liquid fertilizer, if allowed to stand for a few days. If the manure is in a bag the water can be easily drawn off with a Kinney pump.

Cow manure, I always think, is better if it is put right in the water and applied with a can. It never seemed to me to give up its good properties if confined in a bag, and if you use it loose in the water you can't use the Kinney pump on it.

Nitrate of soda or sulphate of ammonia can be used in the proportion of one ounce to four gallons of water; or, if you use the pump just mentioned, put in a pound and a half of nitrate to fifty gallons of water, and the pump will reduce it down to the right proportions.

Specimen Plants

that were left low enough at the last potting to allow a top dressing to be applied later should now be attended to. Top dress with equal parts of good loam and cow manure, but always leave ample room for watering.

Never allow the branches on these plants to get all bunched up together, but train them out and stake them. It always pays to give a specimen plant lots of room and you should make a point of turning the plants around every other day or so in order that no particular side of the plant shall get a monopoly of the light. While there is not so much money in specimen plants as there used to be, perhaps there is always a satisfaction in growing a plant as well as it can be grown.

Plants Outside

that it is proposed to put up should be attended to right away. Lift as care-



Bed of Geranium "Richelieu" at the Pan-American Exposition. Exhibit of C. W. Ward.

fall, as they do not have to go through that spell of syringing through which they must go in order to keep them alive until the roots take a fresh hold. The same rule holds good with all other diseases. The plants are in a weakened condition for several days and unable to fight off disease as a growing plant can, and the extra dampness is just what most of the diseases want to make them extra aggressive.

So if Mr. G. S.'s carnations are planted properly the only thing for him to do is to run them on the dry side, loosen up the soil, and dust both plants and soil with lime; stop syringing altogether for a while, and give all the air he can both day and night. A. F. J. BAUER.

EXHIBITS AT THE PAN-AMERICAN.

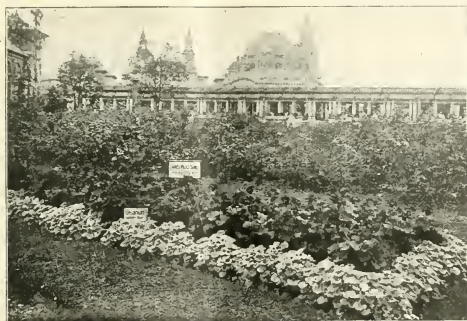
Geraniums have done remarkably well in our soil and climate. In the picture is seen a bed of the well known *Alphonse Ricard*, the splendid orange scarlet, bordered by the little variegated *Madame Salleron*, which in my opinion is much better than *Mountain of Snow*. If you are going to have an edge to the bed the more compact it is the better. Visitors from the south and east have remarked that they cannot grow geraniums as well as we can here. Possibly our cold nights are a factor. The shrubbery in the back-

We are strong on cannas at the Pan-American. This is a large circular bed containing seven or eight of the old varieties, the exhibit of Henry A. Dreer. It was the first bed planted and has been very gay for a long time. As you can notice from the picture it is one mass of bloom. The varieties are *Souvenir de Antoine Crozy*, *President Cleveland*, *President McKinley*, *Madame Crozy* and one or two more.

The dwarf *Florence Vaughan* canna is entirely distinct from the well known *Florence Vaughan*. The picture shows a large oval bed. One or two of the old type was found in the bed but it went up 18 inches higher than the dwarf. For a long time it has been one mass of bloom and has been much admired. It is the exhibit of J. C. Vaughan.

The bed of perennial phlox, the exhibit of H. A. Dreer, is a great success. These plants did not reach here until the end of last April and for spring planting I consider have done remarkably well. The bed consists of a dozen fine varieties planted in bands diagonally across the bed. They were in the best condition when the photograph was taken.

A bed of single *petunias* is always more attractive than the double varieties. The bed illustrated is by James Vick's Sons and has been one of the gayest on the grounds and has grown



Bed of Geraniums at the Pan-American Exposition. Exhibit of Jas. Vick's Sons.

fully as possible, so as not to destroy the fibrous roots more than is absolutely necessary. Give a large enough pot not to crowd the roots too much and shade from the sun for a few days until you can see that root action has commenced again. BRIAN BORU.

CANNAS AT THE PAN-AMERICAN.

Mr. Vaughan has an extensive assortment of cannas; among them many new ones. Among those occupying beds by themselves are Dwarf Florence Vaughan. This has the identical flower of the well-known variety, but is from 18 inches to 2 feet shorter in growth, and I am inclined to think gives a greater abundance of flowers. A large oval bed has been a grand sight for a long time. I think it a most valuable variety.

N. Jarry Desloges has green foliage, a large foret and large spike; medium in height; an orange scarlet in color.

David Harum I have before spoken of. It has dark bronzy foliage, medium in height, and it is particularly early, which I think is a good quality in any canna, and extremely free. The color is a pure beautiful scarlet. There is a blending between the flower and the foliage in this canna which is most pleasing.

Charles Molin has green foliage, medium in height, large spike; color a reddish salmon, with a slightly gold edge to the petals.

Francis Reif, green leaf, medium height, a particularly free bloomer and color an orange scarlet. This is a most beautiful canna.

Victory, large green foliage, tall in habit and very large flower with an immense spike. It is one of the earliest to bloom after planting. The flower is an intense deep orange, with a mottled yellow throat and edge of petals. We consider this one of the very finest cannas of recent introduction.

Mme. Alfred Blanc, medium in height, green leaves, color almost pure salmon, with edge of petals and throat yellow. This is a most vigorous grower, and gives a great abundance of bloom.

Leonard Vaughan, dark bronzy foliage, and tall in habit. A beautiful scarlet flower, slightly lighter than David Harum, and very free.

Chicago, green leaf, medium to tall; the color can best be described as a russet orange. Several of these cannas are in

small beds, and although they have been carefully and constantly watered, there is not quite the chance to see them at their best that there is in large masses.

Conard & Jones have several very promising varieties. Buttercup is quite dwarf, bright green leaves, and very free bloomer. The color is a pure golden-yellow without any markings. We know of no other like it, and there must be room for it.

Niagara is a dwarf in habit and a very stout grower; a free bloomer. Flowers of the Queen Charlotte type, but a much heavier spike; a very striking variety.

George Washington, green foliage, dwarf habit, and particularly free bloomer. Large round petals, deep scarlet in color, almost crimson.

This firm has a large circle, 24 feet in diameter, filled with two varieties which they call American pedigree cannas. They have been photographed, and I hope to have the correct names. They were not early to bloom, but for the past month have been one of the most attractive beds on the grounds. The center plants have grown tall. Nearer the edge they are dwarf. According to our color chart, they are almost a pure pink, but a lady, who is a judge of color, tells me they are a cerise-pink. They are very striking varieties, and, in a large mass, a most pleasing sight.

WM. SCOTT.

FORCING GLADIOLUS.

A correspondent writes that he has a house of chrysanthemums, and asks if they can be succeeded by gladiolus. He thought once of growing sweet peas after the mums, and perhaps some Astilbe japonica. He also adds that he has only boiler power to keep them up to 50 degrees in cold weather and hardly that. What is rather worse, he says that the house is shaded, during the winter months, in the mornings, by a shed and barn.

I would say that the gladiolus would be not at all a satisfactory crop. Although some of my friends will disagree with me, I think that gladiolus can only be profitably grown among carnations or something of that sort; so I would dismiss the consideration of gladiolus.

If near a good market the sweet peas would do very well, providing you got

them onto the bench immediately the chrysanthemums were out. To do that you would sow them in 3-inch pots now so they would be well started when the opportunity came to plant them out.

Astilbe is very easily grown, and, as it is not very profitable any time, but mostly at Easter, there would be no need of putting it on the bench until after New Year's, and then you would want something to succeed that at Easter.

If in a location where there is any demand for geraniums, I would rather get a lot of geranium cuttings. Get them rooted at once; keep them in small pots until the chrysanthemums are gone, which you can almost do in a cold frame, then shift them into 3-inch and later into 4-inch. You could grow quite a lot of astilbe at the same time, because the geraniums would not occupy all the house until their last shift, which, as Easter is early, would be plenty of time after that event.

I think I could make more money out of the house in that way than I could with either gladiolus or sweet peas. Some Japan longiflorum could also be grown, but do not attempt, in that temperature, to get them in for Easter; but, by keeping them out in a frame, protected until New Year's, and then brought inside, they would come along for Decoration Day and pay very well.

WM. SCOTT.

STOCKS—CANDYTUFT—IRIS.

Please tell me time of sowing seed and culture of stocks and candytuft. Also best method of handling iris.

The REVIEW is the very best trade paper that comes to our notice. IRIS.

In answer to "Iris" we would say that there are several varieties of stocks, and their treatment differs. The Brompton stocks, which give you the largest spikes, are sown in August, must be wintered in a cold-frame, and, if planted out early in the spring, will flower the following June. Not much grown in this country, but in the cooler parts of Europe are most wonderful. There is a tall growing strain, which in the days of short-stemmed flowers, were much used for funeral designs, and which takes four or five months from time of sowing till flowering. I cannot name the variety.

The best for the florist is a good strain of the ten-week varieties. We grew these largely some years ago, and had a fine strain of white. It had flowers about as large as a Degraw carnation. We made the first sowing in August, and again in November; and, for Easter, sowed in early January. Sow in flats, transplant into 2-inch, and shift later into 4-inch, and occasionally the strongest plants into 5-inch. A light loam, with a little spent hops or rotten manure, was added. Pot firmly. At all times stocks want the fullest light and never over 50 degrees at night. They are troubled with few enemies. Fumigation is all that is necessary, but they are liable to stem-rot, which necessitates careful watering.

Iris are very easily managed plants. All of them except the Spanish section, which has a bulb resembling a crocus, are herbaceous plants, and can be divided and transplanted either in the fall or spring. A moist, low ground is best suited to them. They spread rapidly, and are very hardy. The Spanish irises are imported in the fall, and can be planted as soon as received and should be protected with leaves or litter.

It will never pay to force candytuff, but in the garden it is a fine annual. If you want it for cutting, make a sowing

as early as possible in drills and make another sowing a month later.
Wm. Scott.

water. This pump will also feed boiler.
Collingdale, Pa. M. F. LaRoche.

PHILADELPHIA.

Trade Conditions.

The weather which was summery to a degree at the close of last week, opened this week with a genuine fall feeling, the thermometer staying on the shady side of 50 degrees for a time. Roses are in consequence improving. Demand for them is fair; quite a little business in the best grades is being done. Beauties are bringing \$2 per dozen locally when really fine, and \$2.50 per dozen when carefully selected, so as to arrive in good condition at some distant point. Teas sell fairly well at \$3 and \$4 per 100. Carnations are more in evidence. Some fancy sorts such as Flora Hill and Ethel Crocker are to be had of good quality. Asters are still plentiful; some days there are too many. Smilax is in demand.

Various Items.

Keller Bros., of Norristown, report a very active demand for flower pots this fall.

William Berger, of Germantown, combines mushroom growing with his florist business, and finds it satisfactory. This enterprising florist has added two greenhouses and a show house during the past fifteen months.

Our local horticultural writers generally favor their readers with a paragraph about the "familiar sun-browned faces reappearing" at this time. Would not this apply strikingly to the floral aristocracy of to-day?

The city's suburbs are wonderfully beautiful—rich, green grass, clematis, cannas, sage, hydrangeas, geraniums in full bloom—a wealth of color is displayed well worth seeing.

A lovely lady who presides over one of our leading stores found that a certain hustler always put the price up when she badly needed his flowers. On a certain busy morning when her whole force were in the midst of work, she gave a signal. Instantly all trace of work disappeared under the counter and when the hustler entered every one appeared idle and listless. The lady is confident this ruse saved her a lot of cash.

It is a fine thing to belong to the Florists' Club. You can feel a sort of proprietary interest in all the trophies brought from afar that ornament the show case; you can wear the pretty blue and white enameled button with its gilt monogram, P. F. C., engraved in the center, designed by H. H. Battles; you can bowl and chat and shoot and smoke with all the great men of whom you have heard and it will help you in many ways; when you are worried, or discouraged, or dull, it will do you a world of good and make life seem brighter and more worth while.

I spent a half-hour there this week. First Commodore Westcott told fishing stories. Repetition would spoil them; besides you might not believe them. I did. Then President Harris told of his early struggles to succeed in our calling, of the first start with only 400 feet of glass and how it took ten years of hard, unremitting toil before success was assured; then he told of his Jacque roses and Lilium Harrisii, of his tulips and daffodils and hyacinths, in a way that was so full of interest that I wished he

MISCELLANEOUS SEASONABLE HINTS.



Look Out For Frost.

There are many plants propagated from cuttings that it is not advisable to take cuttings in the fall, but are more profitably and better increased by lifting a few old plants. Don't delay this till the afternoon that you see a frost coming.

A few plants lifted now will root quicker than they will in cold weather, and will stand anywhere out of doors till the approach of frost. Among these plants are salvia, ageratum, acalypha, alternanthera (if you did not propagate these in August), pyrethrum, and others of which a stock can be worked up quickly. A few of these plants do not take up much room but are highly necessary when spring comes.

Mignonette.

We have found the green cabbage worm very troublesome on the young mignonette in our houses this fall. It is the larva of the sulphur butterfly. The chief, and you would think the only, function of their life is to eat, and before you can discover them on the leaves they have done much damage. They are also exactly the same color as the leaf. Don't wait till you see the plants half eaten, but sprinkle the leaves and then dust the whole bed with powdered hellebore. A teaspoonful of Paris green in two gallons of water and syringed on will also do, but the hellebore is safest.

Hydrangeas.

Don't let your hydrangeas stand too close just now. They have grown very rapidly of late, but should be far enough apart to let the light and air between them. And don't think of bringing them in for several weeks yet. It is always a time for the exercise of good judgment for the next month. You can't tell how frost will approach. If we get a few cool nights and then perhaps a night when the thermometer goes down to 32 degrees, it is the most favorable for us, for then things are gradually hardened and one or two degrees of frost will not hurt hydrangeas or many other plants that are considered tender. It all depends on the condition of the plants how the first frost affects them.

Just to be reminiscent a moment: Some 15 years ago we had warm, moist weather continuing till the 8th of October; not a night had been below 50, when down swooped Jack Frost to the extent of 6 degrees and killed everything that we had been negligent enough to leave out. Sweet stevia, geraniums, azaleas and all went; for the mild weather had deluded us. Don't trust to what you think the season is going to be, but go by your dates. If we are not prepared for a frost about the first week of October we ought to be.

Violets.

You should have all the shade off your violets by the middle of this month. Don't wait to see the aphid appear, but every week go over them with a weak solution of nicotine. When once the aphid gets down into the heart of the plant they are very difficult to dislodge, and it takes very little to ruin all your prospects of a crop. Keep all the runners cleaned off. Don't pull them off, it tears and bruises the stems. Cut them off. For the spot so troublesome with many I know of no cure, but to make the conditions right keep the house airy, syringe only on bright mornings and pick off every leaf the moment you see it affected. It is worth mentioning that you must never attempt to use Bordeaux mixture or any copper mixture or solution. It will kill every leaf.

Roses.

The next few months, or till steady firing commences, is the most anxious time with all your roses. Mildew is ever ready to find a lodgment the moment the vitality of the plant is lowered, and this may be caused by leaving ventilation on too long and getting a chill, or not opening up early in the morning and letting the temperature go too high. Above all avoid a cold damp night. When the outside thermometer goes below 45 degrees during any part of the night fire heat must be resorted to. Do your syringing early in the morning and not at all on cloudy days. WILLIAM SCOTT.

WATER SUPPLY.

Replying to L. S., pump No. 2½ made by the Dean Steam Pump Co., Holyoke, Mass., will do the work. It has 1½-inch suction and 1½-inch discharge. No governor. The pump has an air chamber to steady the flow of water. With this pump you can water with two ¾-inch hose, and it will give good pressure on one hose for syringing.

I have used this pump since 1889, when I started with four houses each 20x100, and though we now have twenty houses of the same size the same pump is still doing the business.

A well six feet in diameter and deep enough to always have six feet of water in it will give an ample supply of water for four greenhouses of the size mentioned by L. S. and the acre of ground. I have three wells of this size for my place, with four acres of ground.

Either Jenkins' adjustable seat globe valve or any good make of brass gate valve will keep the steam from leaking into the heating pipes if at a reasonable pressure, say 75 lbs. or less. I run my Dean steam pump at about 25 to 35 lbs. steam pressure, and after it is once started I have run it as low as 15 lbs. pressure and still get an ample flow of

would write a little sketch of his experiences that all who would might enjoy. Truly our club is a pleasant place.

P. H. L.

BOSTON.

Market Conditions.

Those who have their whole knowledge of the florist's business upon the Boston items in the Review may have got misled since last issue, on account of quick changes in the market soon after mailing my last "ukase." During the first few days of September there was a marked falling off in both quantity and quality of all kinds of goods coming in and a corresponding increase in price. Rose became scarce because the bushes were tired; pinks almost out of the market, on account of extremes in the weather, and the aster crop declining, because between early and late varieties. And as a finishing touch the demand largely increased on account of several heavy funerals coming along at once.

Now again all this is changed. Roses have caught their second breath, pinks are arriving quite freely and late asters are pouring in by thousands in most excellent quality. But the word goes that pinks will be scarce till New Year's, as the outdoor crop cannot last long and plants for indoor work run small generally.

A Visit to J. W. Newman's.

How is your imagination? Take a mental trip with me to Belmont to see J. W. Newman's new home. He owns several fine houses in beautiful Winches-

montory, which gives the double value to a place; a grand view nowhere excelled. Behind are hills and trees, and in front are Boston and three or four sister cities in the distance, while, nearer, are several hundred acres of intervale, largely in grass, but partly marked by rows of vegetables. A sheet of water, always necessary to a landscape, is represented by two good-sized ponds.

Mr. Newman put all kinds of artisans at work upon the buildings a month ago, and they are there yet; so your imagination will not get over-worked on the

drops of ginger ale on the front steps, and I want you to join me in the heartfelt wishes I clumsily made for him and his in the future.

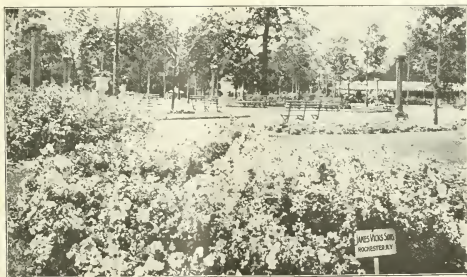
J. S. MANTER.

CLEVELAND.

The florists here expect to have a great demand for flowers during the G. A. R. encampment. The J. M. Gasser Co. have the decoration of the columns in the public square and also some of the principal stands. The city is in gala attire, flags and bunting flying from almost



Bed of Cannas at Pan-American Exposition. Exhibit of Henry A. Dreer.



Bed of Single Petunias at Pan-American Exposition. Exhibit of Jas. Vick's Sons.

ter, but is wealthy enough, both aesthetically and financially, to crave and obtain one with a landscape all its own. And he now has it, emphatically. Only about four miles out, on a wide modern street, within five minutes' walk of two stations, and surrounded on three sides by most elegant grounds of mansions of a twenty-year-old vintage or so, stood a twelve-acre farm with a barn and colonial homestead, upon all of which were the accumulated finger-marks of years of neglect. Two-thirds of the land, however, has been kept under cultivation and is in a rollicking condition of productivity. All kinds of fruit trees hearken to him in the autumn breezes, loaded with their ripening gifts.

Half the place consists of a very narrow strip, running back over a high pro-

portion of things in the house. But it is far enough along to murmur comfort and hospitality at every turn; it mixes the eighteenth and twentieth centuries together quaintly, which is where you can let yourself loose. Here are the elements: Large house, one hundred years old; new paint and paper everywhere; new windows and front door; new all and large front portico; new hot-water heat; the telephone looks more out of place than anything else. One hardly knows whether to expect to hear voices of the living or the dead, if he works it! If your imagination is running too swiftly, you will think you have Paul Revere or Benedict Arnold, sure!

Now, Jim and I never drink, but we broke a can of cold milk over the ridge-pole of his new-old abode, spilled a few

every conceivable place. Some of the florists expect to help all their help a half holiday the day of the parade. It is expected that day will be the biggest day of the week, and the parade will be a sight never to be forgotten.

The chief talk amongst the florists at the present time is the dastardly attempt on the life of our beloved president, and one and all hope for his speedy recovery. If the florists here had the meeting out of punishment to the assassin his fate would have been sealed before this.

The writer had the pleasure of a visit from the genial Mr. Kennedy, of the J. M. Gasser Co., accompanied by the gentlemanly Herman Hart, this week. Mr. Kennedy reports slow progress in getting in carnations on account of too much rain. Mr. Hart said that they had most of their houses. He also has about finished all repairs to his old buildings and completed his office and show room, which I am told has a very tasty appearance, both outside and in. Mr. Hart always has everything well in hand and in first class order.

A visit to the establishment of J. W. Wilson revealed everything in first class order and showed Mr. Wilson to be a painstaking grower. He grows roses and carnations principally and also some violets. He is potting some of his carnations into 6-inch pots, to plant into a house he has been cutting roses from all summer. He expects them to become well established in the pots by the time he wants to throw out his roses and then they will suffer no check when planted on the benches. Mr. Wilson also does some gardening, and has very good success, his nutmeg melons being especially fine. He also has a lot of grapes to dispose of after awhile.

J. Mollenkoph has his carnations about all housed and they are looking very good. The plants are small, but they have the appearance of being hardy, and will undoubtedly give a good account of themselves later. He is cutting some very fine asters just now. Semple's seems to be the variety he has best success with.

Mr. A. Schmitt, of Glenville, who had a slight stroke some two weeks ago, is improving very rapidly and hopes in a very short time to be around again.

Smith & Fetters report a very good trade during August. In fact all the craft seem to be well pleased with the summer trade this year.

Some of the growers here have received and planted their lilies, while others are not in any hurry, but are willing to wait for the later shipments, and then keep them growing right along believing they can force the later bulbs to a better advantage.

A. Graham & Son report all carnations planted inside.

The Florists' Club, at its regular meeting Monday evening, nominated the following members to serve as officers the ensuing year: President, Wm. Brinker; first vice-president, H. Kunz; second vice-president, Gordon Gray; secretary, I. Kennedy; assistant secretary, A. H. Graham; treasurer, Herman Hart. The elec-

tioning in the trade papers, which should be done at once, and recommended that the exhibition committee so attend to the matter.

Mr. Herrington said that after careful consideration he thought provision ought to be made for larger groups and that a sufficient prize should be offered to induce exhibitors to put up groups of plants covering 500 square feet; groups covering 250 square feet were the largest in recent shows, for which a hundred dollar prize was the usual thing offered; it often cost more than that for expense of getting the plants there. In the case of Madison Square Garden he argued that large groups were very necessary. Mr. W. A. Manda spoke in favor of having classes for large plants; these he considered were of more importance than large groups.

After considerable discussion the matter was referred to the exhibition committee for immediate action and after recess they proposed the following as an addition to the schedule of prizes. For best specimen kentia, first prize, \$75; second prize, \$25. Specimen areca, first, \$50; second, \$20. Specimen latania, first, \$75; second, \$25. Specimen any other palm, first, \$75; second, \$25. Best pair of tree ferns, first, \$75; second, \$25. These were adopted and the club hopes these generous prizes for single plants

Various Items.

Most of the boys and girls have returned from vacation and are settling down to work and thinking.

John Sharkey, chief guardian of the books at Thos. Young, Jr.'s, has returned from his honeymooning around the "Falls" and the "Pan."

Peter F. Daly, of Daly Bros., Granton, N. J., was married on Aug. 21 to Miss Augusta Icke.

Many of the retailers are stocking up with plants in anticipation of early trade.

Cut flowers are improving, especially American Beauties, but trade is dead and aliveish.

The Bard of the "Pan" is with us once more. Shaw is the man and his face is bronzed o'er.

Bowling.

The howling match between the New York and Flatbush teams on the latter's alleys on Thursday night resulted in another victory for the New Yorkers, who won the ball offered by a score of 2,602 pins against 2,335 by Flatbush. Following are the scores:

NEW YORK.				
	1	2	3	
T. J. Lang.....	146	146	111	
A. S. Burns.....	169	134	141	
F. Lentz.....	134	163	121	
P. O'Mara.....	143	202	182	
F. Daillelouse.....	154	106	117	
J. Thielmann.....	146	128	163	
	833	894	835	
FLATBUSH.				
	1	2	3	
E. Daillelouse.....	111	137	151	
J. I. Raynor.....	109	128	118	
L. Schmutz.....	162	87	104	
P. Riley.....	143	149	159	
A. Zeller.....	121	125	139	
D. Y. Mellis.....	127	120	135	
	773	746	896	

A return match will be played on the New York alleys at the Arlington at St. Mark's place next Monday night. Theo. J. Lang offers a new ball to the member of the Flatbush team making the highest average score, and the New York team or the proprietor of the alleys will offer a suitable prize for the teams.

J. I. D.

BUFFALO.

Our city has been a sad and excited one. Never before was the name of this city so far and widely known, and it is lamentable that it should be advertised by this terribly sad affair. I am only writing for florists, but many of those who have visited Buffalo will remember the establishment of Mr. C. F. Christensen on Delaware avenue and the neat cottage he lived in. The greenhouses were taken away three years ago, but next to the cottage stands a modest brick house, one that has stood there for years. In that house lies poor President McKinley. Let us hope that he can soon be pronounced out of danger.

Naturally flowers are little called for the past few days except for one purpose. Mr. Kasting tells me, however, that for the past three weeks there has been an unusually good demand for American Beauties and other good flowers. The distinguished visitors we are continually having must account for that. Some inside carnations are coming in, and the first cuts of Bridesmaid roses, but they are of rather poor quality.

We still find a few florist friends among the many visitors, among them Mr. J. D. Eisele, of Riverton, who expressed himself as well pleased with Pan-



Dwarf Florence Vaughan Cannas at Pan-American Exposition. Exhibit of J. C. Vaughan

tion takes place Monday evening, Sept. 23.

I received a call from A. O. A. R. florist of Cambridge, O., Mr. I. A. Oldham. He has his carnations all housed.

TENEP.

NEW YORK.

Club Meeting.

The monthly meeting of the Florists' Club was held on Monday night last. There was a good attendance. President Sheridan presided and matters connected with the exhibition to be held at Madison Square Garden next month were thoroughly discussed. The club's ambition is to make this show a grand success and every effort is being made to that end. There were three applicants for the position of manager, namely, Messrs. Plumb, Bunyard and J. Manda. The selection will be left to a joint committee of the Garden management and the club. Mr. O'Mara was of opinion that the Garden people should share the expense of adver-

will bring out a large quantity of the finest stock.

Complete schedules can be had from J. W. Withers, 136 Liberty street. The show will open on October 21 and end on the 28th, so get your pets ready. The judges are to be W. E. Edgar, Thos. Emerson, John E. Lager, Edwin Lonsdale, Wm. Turner and James Wood.

The forthcoming conference to be held in this city on plant breeding and hybridizing was considered and Mr. O'Mara urged that the club do all in its power to make the work a success. A letter was read from W. R. Smith thanking the club for the honor of electing him to honorary membership and referring in general to the great work ahead for all horticulturists.

The entertainment committee under the guidance of W. Barnham provided the attendance with a sufficiency of refreshments and amusement, the latter of the singing and dancing species.

"Beaulieu," of Woodhaven, was awarded honorable mention for an exhibit of several very pretty new single and double dahlias.



Bed of Hardy Phlox at Pan-American Exposition. Exhibit of Henry A. Dreer.

American horticulture, and that was better for our health and spirits than a big dinner; Mr. A. J. Graham, superintendent of city parks of Denver, a jolly big man, and I should say all round gardener and park man. There was also a very old friend at Buffalo last week, Edward I. Mepstead, of Ottawa, Ontario, who, with Aleck Scott, of Baltimore, Wm. Belsey, of this city, and the writer, seemed like a visit again to the backwoods of Canada and the early days of the settlers.

W. S.

CHICAGO.

The Market.

So far this week the market has been considerably less active than last week. The supply is much larger, but the demand is even less than it was and as a result of this working in both directions at once there is an unpleasantly wide margin between supply and demand. At the same time prices are practically the same as last week on select stock. It is the medium and poorer grades that are so plentiful, and there is almost a glut of them. When a buyer wants really select roses he must pay \$4 a hundred for them, but he can buy medium and poor grade at almost his own price. Brides average better than Maids, as they are available in funeral work, but the poorest of the Maids are almost unsalable at any price. Beauties are still improving and there is demand for them all. It is marvelous how well this rose holds its own in popular favor and brings a good price when other roses are hardly looked at.

Outdoor carnations were considerably damaged by the recent rain, and there are many stained flowers to be seen. Prices range from 50 cents to \$1.00 a hundred, it taking a pretty good quality to bring the latter figure. At the same time some extra good indoor grown Hills and other fancies are in demand at \$1.50.

Asters have sunk rather low in the market scale, and though a few—a very few—still bring \$1.50, the great bulk, and very good stock, realizes only 50 cents to \$1.00, while the poorer qualities of pinks, blues and purples are practically unsalable at any price.

The falling off in demand from the country is accounted for by one dealer by the suggestion that those who were obliged to call on this market for some

time past are now beginning to cut crops of their own. But these crops may be somewhat checked by the turn to much cooler weather on Monday. If so, orders will again flow more freely to this market.

Various Items.

At a meeting of the Horticultural Society, held last Tuesday afternoon, it was decided to hold the annual exhibition at the Auditorium Nov. 5th to 9th inclusive. W. N. Rudd was elected secretary and Edwin A. Kanst assistant secretary. Mr. Kanst was also elected a member of the executive committee. After the society meeting a meeting of the executive committee was held to perfect details for the exhibition.

Kennicott Bros. Co. have a new plan for encouraging business. They will during the season buy certain trade supplies at the lowest possible figure for cash in quantity, and offer them for brief periods at jobbers' prices, merely to stimulate their trade in cut flowers.

The bowling teams for the trade league tournament have been organized, and the series of games will start the first Tuesday in October.

Mr. A. L. Vaughan started Tuesday on a western trip for E. H. Hunt.

Poehlmann Bros. Co. have planted fifteen houses in chrysanthemums and there is no likelihood of a scarcity in blooms of the Queen of Autumn.

Mr. E. E. Pieser, of Kennicott Bros. Co., returned from his summer outing last Tuesday and is full of plans for a record-breaking business this winter.

Frank Garland is cutting lots of roses now and admits that he has again gone rather heavily into bulbs.

The changes at McKellar & Winter-son's have sufficiently progressed so that it can be seen how greatly they will enhance the convenience of handling business.

Miss Helen Palmer, for some years connected with the trade press, was married Sept. 4 to William F. Rockwell. Miss Palmer had many friends in the trade, and all will wish her much happiness.

Recent visitors: J. A. Evans, Ventilatortville, Ind.; J. J. Curran, manager for G. Van Boche & Bro., Kalamazoo, Mich.; J. E. Fotheringham, representing F. R. Pierson; W. H. Barnes, Topeka, Kan.; Meyer Heller, New Castle, Ind.; L. Drummond, Clyde, Ill.

Awards have been made in the Trib-

une's garden, window-box and porch decoration competition, and the paper prints pictures of the prize winning displays. It will undoubtedly result in attracting the attention of the people generally to the possibilities of planting in city lots.

J. B. Deamud and family have returned from their summer trip.

Martin Petersen reports very satisfactory business at the store he opened last spring on West Division street.

ST. LOUIS.

The Market.

The earlier part of the past week trade was very good, owing to a few cool days, but during the latter part of the week it became hot again, which had a demoralizing effect upon the market. There are roses in abundance, and more remain over than are disposed of, which is not much to the liking of the wholesaler.

Roses are selling at a very low figure; fairly good stock is quoted at from \$1 to \$3 for Brides, Maids and Meteors. A great deal of stock is disposed of in 1,000 lots at considerably less than the above figures. Beauties as a rule are short-stemmed and go at the same price as the common sorts; good long Beauties bring about \$2 per dozen.

Carnations are very short in supply and it is impossible to get good stock just now. Some have good flowers with a very short stem while others have long stems with bad flowers; this makes them hard to sell and the wholesaler often has to dump them. The price is still \$1 per 100.

Some very fine valley, which sold readily at \$3 and \$4, was seen at Kuehn's the past week.

Asters are a glut now, the very best selling at \$1 per 100, while a few extra fancy bring \$1.50; but the bulk of the stock is sold at 50 and 75 cents, and even cheaper in 1,000 lots.

Chrysanthemum plants at the different places are looking well and from all reports we shall have some fine plants and cut blooms this fall and they should be of great benefit to our fall exhibition, which no doubt will be as good as ever.

Various Notes.

Paul Berkowitz of H. Bayersdorfer & Co., Philadelphia, was a caller the past week. Paul reports a fine business in his line all through the west.

C. W. Dicks, representing Jansen & Co., of New York, is in town calling on the trade.

J. T. Windt, the Bayard avenue florist, has returned from California, where he spent a very pleasant summer among friends. He kept posted on St. Louis and the trade by reading the Review, which everybody reads out there.

The exhibition committee held a meeting at Frank Ellis' store last Monday evening. Chairman Meinhardt reports that he expects a fine show this fall and that the special prizes are coming in at a lively rate. At the next meeting the different committees will be named and it is hoped that they will do their duty and help make the show a grand success. It can be done if all the brothers will give a helping hand and assist the committees all they can.

H. Weber & Sons, nurserymen, at Gardenville, Mo., report that the dry and hot weather has caused a loss to them this summer of \$10,000. The loss of young stock was great.

John W. Kunz who, until lately, was with Henry Berning, is now in the employ of Frank M. Ellis.

It is rumored that Arthur Y. Ellison of Ellison & Tesson, will, on the 15th of this month, lead to the altar one of Secadia's most beautiful girls, Miss Lupe. Arthur has the sympathy of the bowlers and congratulations and best wishes of the trade at large.

Mr. Winfield Whittman, who for the past year was in the employ of Frank Ellis, is no longer connected with the firm.

Mr. Leo Eberenz, of Webster Grove, Mo., has just completed three new houses, 10x80, 17x80 and 20x80. These houses will be used for growing violets for the trade. The stock will be handled by Frank Ellis the coming season.

The St. Louis Fair Association which opens its annual fair the first week in October, offers the usual prizes for plants, cut flowers and floral designs. Superintendent Ayers says a number of local firms have already entered and that he expects a larger display than usual this year.

Bowling.

The bowling club rolled five games Monday night. The league team rolled some good scores. Owing to a very pressing engagement Arthur Ellison could not be present. Kuehn, Beneke, Sturtz and Kunz, the other members of the league team, did well. The scores are as follows:

	1.	2.	3.	4.	5.	F. T. V. A.
Kuehn	.....192	172	152	155	180	870
Beneke	.....171	145	169	170	145	820
Sturtz	.....193	164	159	159	145	791
Kunz	.....134	106	161	135	...	616
Ellis	.....121	129	141	138	153	632
Weber	.....120	159	138	143	...	540
Miller	.....134	123	137	94	...	458

J. J. B.

CORRECTION.

In your item from St. Louis we note that your correspondent states that F. M. Ellis will handle our stock. As this is true only in part, and is likely to give a wrong impression, inasmuch as H. G. Berning and others also handle our stock at St. Louis, kindly insert in your next issue a note to that effect and oblige.

ANCHORAGE ROSE CO.
CHARLES RAYNER, Mgr.

CINCINNATI

The Market.

Rain is again much needed in this section of the country. In every other respect the weather is all that could be desired. Most of the growers have taken advantage of the favorable weather and have housed their carnations. The general report is that plants are recovering nicely. What is left of the aster grub is furnishing food for the aster bug. These pests are eating everything in sight in the line of asters, but as the crop is about over the loss will be but slight.

Roses are about the same as last week, supply and price being about the same.

In carnations the demand is greater than the supply and the market holds firm. Pink is in great supply with white and red scarce. The price from \$1.50 to \$2 per 100.

A limited quantity of valley is to be had at 4c. George & Allan are the growers.

Meeting of the Florists' Society.

The regular meeting of the Cincinnati

Florists' Society was held at the establishment of George & Allan on Thursday, the 6th. There were over seventy-five persons present and a first-class time was had by all.

A committee consisting of R. Witterstaetter, William Murphy, F. Ball, Ben George and Charles Jones was appointed to draw up plans for the monthly shows to be given by the society during the winter. The committee will be glad to have anyone wishing to give prizes to be competed for at these shows confer with them at once. As these exhibits do a great deal of good to everyone concerned and are much patronized by the public, thus creating a taste for that which is best in flowers, it is no more than right that everyone should help them along in every way they can. It is worth more in free advertising alone than all it costs. Charles Jones reported that the float for the fall festival parade was an assured fact, and even if we do not capture a prize it will at least be a credit to the florists of this city.

After the business meeting adjourned a nice lunch was served and then bowling and dancing was indulged in and much enjoyed by all present. Heartly thanks to the hospitality of Messrs. George & Allan and their wives.

Various Items.

E. G. Gillett took a flying trip among his growers last week. Among other places, he stopped at New Castle and Richmond, Ind., Grand Rapids, Mich., and Toledo, O. He reports stock looking fine everywhere and prospects for first-class stock to be of the best.

Henry Schwarz has moved into his new plant at Smith road and Forest avenue, Norwood, O. His houses are all complete and he is now busy getting everything into shape for winter business.

George Magrie has opened a store at 602 Elm street.

Miss Cronin of Covington, Ky., has started a branch on York street, Newport, and L. F. Benson of Newport has opened a store on Madison avenue, Covington.

William Murphy is suffering greatly from hay fever and will leave for Petoskey this week.

Mr. J. Lodder of Hamilton was in the city.

C. J. OHMER.

TORONTO.

The Industrial Fair.

The second week of our great fair has come, and gone to the ever receding past; it brought with it the usual surprises and disappointments to the many exhibitors in every branch of trade, as all classes were well represented.

In the made up work this year I believe there were the greatest surprises. We were treated to the success of Mr. Simmons of this city and many well-known men were put in the background by this comparatively new man.

However, all say success to him, and promise that at future exhibitions he will not repeat the dose, at least not so strongly, it being to the tune of three firsts and two seconds out of five, Dunlop coming second, with two firsts and three seconds, the rest having the remaining prizes divided about equally between them.

There seems to have been a little dissatisfaction among some of the boys as to the way some of the awards were

placed, but as we know that the judge, Mr. Ewing, of Berlin, Ont., is perfectly impartial and was not aware of whose stock he was judging, we can only say better luck next time and thank Mr. Ewing for his careful services.

The exhibit was noted for the evenness of all entries, there being no glaring advantage to any one exhibitor, all were so nearly equal.

Dunlop cleaned the rose slate, with Muston second and Manton Bros. third, while Manton Bros. turned the tables on Dunlop in the carnation sections.

The asters were very fine, resembling good chrysanthemums, as were also the dahlias, Rennie showing some magnificent specimens in both sections.

Summary of Awards.

Floral design, other than flat, 1st, Simmons; 2d, Dunlop; 3d, Brown; 4th, Grainger.

Floral design, flat, 1st, Simmons; 2d, Dunlop; 3d, Brown. Design for table, 1st, Dunlop; 2d, Simmons; 3d, Manton. Grand display, 1st, Basket of flowers, 1st, Dunlop; 2d, Simmons; 3d, Brown. Bouquet, 1st, Simmons; 2d, Dunlop; 3d, Manton.

Dahlias, sections calling for 12 varieties, 12 blooms, 1 vase and 12 cacti, largest and best collection, Rennie. With all firsts; Steele-Briggs Co. second with two seconds, one third, Manton Bros., L. H. Lock, Despard and Sunley dividing remaining honors.

Collection of French cannas, Geo. White, 1st; Rennie, 2d; Manton Bros., 3d. Ranunculus, largest and best collection, Thos. Davies, 1st; R. Brooks, 2d; Chas. Scott, 3d.

Annals, collection, Drummond, 1st, Scott; 2d, Brooks; 3d, Wilby. Annals, 25 varieties, 1st, Scott; 2d, Brooks; 3d, Davies. Asters, 24 assorted, 1st, Scott; 2d, Brooks; 3d, Davies. Asters, 24 varieties, 1st, Scott; 2d, Brooks; 3d, Grainger. Asters, 24 on long stems, 1st, Rennie; 2d, White; 3d, Brooks. Asters, 24 single and double, 1st, Sunley; 2d, Scott; 3d, Steele-Briggs Co. Collection 10-week stocks, 1st, Scott.

Sweet peas, largest collection, 1st, Davies; 2d, Manton; 3d, Scott. Sweet peas, 15 varieties, 1st, Davies; 2d, Wilson; 3d, Steele-Briggs Co. Verbena, 25 assorted blooms, 1st, Grainger; 2d, Rennie; 3d, Steele-Briggs. Petunias, 12 single and double, 1st, Rennie; 2d, Steele-Briggs; 3d, Brooks. Petunias, collection, 1st, Rennie; 2d, White; 3d, Brooks. Petunias, 12 Drummond, 14 varieties, 1st, Rennie; 2d, Scott; 3d, Davies. Phlox Drummond, 15 varieties, 1st, Rennie; 2d, Scott; 3d, Brooks. Phlox, 12 varieties, 1st, Scott; 2d, Sunley; 3d, Steele-Briggs. Phlox, collection perennial, 1st, Steele-Briggs; 2d, Grainger; 3d, Rennie.

Hydrangea paniculata, 1st, Manton; 2d, White; 3d, Scott. Hardy perennials, collection bloom and foliage, 1st, Manton; 2d, Wilby; 3d, Brooks. Hardy shrubs, 1st, Manton; 2d, Scott. Hardy perennials, 13 vases, 1st, Manton; 2d, Wilby; 3d, Brooks. Phlox, collection, 1st, Steele-Briggs; 2d, Scott; 3d, White. Zinnias, collection, 1st, Davies; 2d, Brooks; 3d, Scott. Gladiolus, collection, not less than 20 blooms, 1st, Rennie; 2d, Grainger; 3d, Sunley. Gladioli, 10 varieties, 1st, Rennie; 2d, Wilson; 3d, Pickett.

Cut flowers, best collection, not more than 50 vases, 1st, Manton Bros.; 2d, Grainger; 3d, Scott. Liliiums, collection, 1st, Grainger; 2d, Brooks; 3d, Manton Bros. Water lilies, Manton Bros.

Various Notes.

Brown, the florist, in amateur photography, secured three first medals out of seven entries with a big field of competitors.

We noticed a number of outside florists in town during fair week.

As a representative of the Canadian florists I would like to state in your paper that we share with our cousins across the line the deep regret and sincere sorrow caused by the most dastardly attempt on the life of your president. We, as well as you, have come to recognize the sterling worth of this great man, and throwing aside political opinions and differences of national condition, we hope that President McKinley with his iron will and strong constitution, coupled with the aid of able physicians and surgeons, will foil the attempt of the assassin who would rob a good man of his life, a family of its head and a nation of an unbiased and impartial executive.

C. W.

DES MOINES, IOWA.

The drouth has at last been broken and lawns and parks alike show the result. The honsing of carnations will be the easier for the rain. Some of the growers are through honsing, while others have only fairly commenced. Mr. Marshall has had a mild form of small-pox in his family, all four of his children having it, and his house is quarantined, which made it very annoying. The little fellows did not suffer much, however, and all hope for a speedy recovery.

Our state fair was held in our city and the floral display was about as usual. The amateur display was fairly good and as for the professional we clip the following from a daily paper. It speaks for itself:

LOZIER'S SWEETSTAKES.

The enterprising floral firm known as "Loziers" is always astounding the public with their untrifling, ceaseless push. Their exhibit at the state fair this year excels anything of the kind ever shown in the west. The judges declare that it is ahead of the famous exhibi-

tion of Chicago and equals anything shown at the Pan-American exhibition. There is every flower conceivable from the violet to the American Beauty rose. The floral designs were elaborate and as dainty in finish as to please beyond description.

WASHINGTON PARK, CHICAGO.

The accompanying engraving is from a photograph, taken in two sections, of the sunken parterre in front of the conservatory in Washington Park, Chicago. The space devoted to the bedding is nearly twice as large as it was last year, the old roadway immediately west of the conservatory having been set back quite a distance and elevated twenty feet, thereby giving the public an opportunity to look down upon the display.

The four large geranium beds in the foreground are planted with the varieties Benjamin Schroeder, Meteor, S. A. Nutt and Mme. A. Chevalierie, only one sort used in a bed and each containing 500 plants.

One of the most pleasing features is

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

The Good & Reese Co., Springfield, O., register rose Queen Victoria, a sport from Belle Siebrecht; flower cup shaped; color, a blending of coppery yellow suffused with pink; foliage similar to the parent but growth more vigorous.

Lager & Hurrell, Summit, N. J., register:

Cattleya Gaskelliana Mrs. Hugh S. Grant; sepals and petals white; lip much fringed, white, with a triangular blotch of purple and lilac; throat orange yellow; flowers nearly eight inches across.

C. speciosissima striata marginata; sepals and petals lilac with purple streaks toward the tips; lip purple, splashed with lilac, radiating whitish and purple veins; upper part yellow with purple margin.

C. speciosissima lilaciana; flower



Bedding in Front of Conservatory in Washington Park, Chicago.

tion of Chicago and equals anything shown at the Pan-American exhibition. There is every flower conceivable from the violet to the American Beauty rose. The floral designs were elaborate and as dainty in finish as to please beyond description.

In the plant department of the exhibit there were shown over 500 varieties of rare and valuable plants, one specimen being an imported Japanese Cycas Revoluta palm, 125 years old and standing eight feet tall. Mr. Lozier refused an offer of \$100 for this one plant. The Loziers certainly deserve their bountiful and honorable success. Lozier's city store is at 408 East Sixth street, and is the finest equipped floral store in Iowa. The Loziers do an immense wholesale and retail, local and shipping business, handling sometimes 10,000 cut flowers a day. Their flowers are home grown, "a product of Des Moines." Lozier's modern greenhouses are at 1210-1212 East 12th street and at 28th and Easton boulevard will be found their floral gardens of several acres. The Loziers run a high class establishment all the way through, and their motto is the "Best," and they have solved the problem of furnishing their product to the buyer at low cost, their prices always being about 25 per cent less than all competitors. Lozier delivers to all parts of the city in "correct style." If you have not seen their elegant new rubber tire glass cut flower van with driver in livery just keep on the watch for it. The finest rig of delivery of any kind in the state. All hail this progressive firm, give them a trial order and get 20th century service and the very best flowers and plants that can be grown.

All orders are promptly filled by Loziers.

Mail them we say for the above is that now is the time to laugh.

J. T. D. F.

[Our correspondent has evidently failed to note that what he has clipped is undoubtedly a paid reading notice and therefore only an advertisement. Any florist could probably have a similar notice printed in that paper by putting up the cash. It is not very

the triangular bed at the right hand corner. This is planted solidly with Tom Thumb sweet alyssum and bordered with Alternanthera rosea; a corresponding bed at the opposite side is planted with Begonia Veron and bordered with yellow alternanthera.

In the background, just at the center of the conservatory, is a bed containing clematis, hibiscus, bignoniads, achinas and ficus. Immediately in front of this is a large bed of celosia, of the following varieties: Golden Bedder, Verschaffeltii, Her Majesty and Fire Brand. On either side are crescent shaped beds, planted solidly with ageratum Stella Gurney. All summer these two beds have been a mass of blue flowers. A more satisfactory plant than this one would be hard to find.

About a dozen varieties of the standard cannas are used in the display, each variety in a bed by itself, thereby offering an excellent opportunity to make comparisons. The cannas are bordered with Erianthus Ravenne.

It is gratifying to be able to say that the number of persons who wandered among the flower beds in Washington Park this year was larger than any summer for the past five years. Many questions are asked by visitors pertaining to the kinds of plants used, methods of propagation, etc., all of which leads one to believe that the interest in bedding plants is stronger than ever.

Mr. Edwin A. Kanst is in charge of this department at the park.

large, entire flower including lip dark lilac color.

C. Harrisonie superbissima; flowers nearly four inches across; sepals and petals broad; dark rose; lip creamy white.

WM. J. STEWART, Sec'y.

TOPEKA, KAN.—Miss Lotta L. Barnes, daughter of William H. Barnes, secretary of the Kansas State Horticultural Society, was married September 5 to C. Emerson Johnson of Pueblo, Colo.

SKANEATELES, N. Y.—J. G. White has sold his place on Onondaga street and has bought a place on West Genesee street, where he is erecting two houses, each 20x80, using the Garland iron gutter and putting in modern ventilating apparatus, intending to increase as occasion may require.

EVANSVILLE, IND.—Trade in this locality is very dull and nothing in sight to cause a change. Business is practically at a standstill with nothing doing except an occasional small funeral order. Flowers are scarce, both outside and in the houses. Outside stock is better, especially roses, both in size and condition. No rain for a month; dust two to three inches deep; everything dried up. Fall crop of mosquitoes tremendous. Still hoping for something to turn up.

SEND YOUR "Help Wanted" advs. to the FLORISTS' REVIEW. One insertion of a 35-word adv. free to subscribers.

Ribbons for the SAME S. PENNOCK, RETAILERS. Wholesale Florist,

A Sample Card, something worth having, showing a fine line of Novelties, will be mailed on application.

1612-18 LUDLOW ST.,

PHILADELPHIA, PA.

Mention The Review when you write.

ON TO ASHEVILLE!

EDITOR REVIEW: I saw an article on page 422 of Sept. 5 headed "On to Asheville" that I felt ought to be answered. I was present when the vote was taken on place of meeting for 1902. I also heard the "Silver-Tongued Hiring" who recited his piece inviting the society to meet at Asheville. Nay, more, I was present as much as any one, unless that one was our worthy president, and I did not see a man under the influence of that which made Milwaukee famous. I never helped to make Milwaukee famous, but I voted to hold the convention of 1902 there, and as the silver-tongued speaker said he had helped to make Milwaukee famous, and as he lives in Asheville, I presume they have the Milwaukee article there also. I am sorry any one should insinuate that the convention was voted to Asheville on account of drunkenness. Shame!

My only reason for answering that article is because I did answer the recitation about the "Seventy Hills." I have confidence that I could have saved the convention to Milwaukee, as a change of three votes would have done. I changed the minds of two gentlemen after they had written their ballots and before the tellers collected the same, and those two will read this and remember the circumstances.

With all that has been said, I say let us all work for the Asheville convention. As an old employer taught me, when I make a bad bargain stick the closer to it, and try to make a good one out of it. So here goes for Asheville.

J. T. D. FULMER.

Des Moines, Iowa.

ROCHESTER, N. Y.—An exhibition of the plants and flowers grown by the children of the public schools was held in the Mechanics' Institute, September 11, under the auspices of the Woman's Union. The room was decorated by local florists and the committees of awards were composed mainly of florists. Awards will be made by Prof. L. H. Bailey of Cornell University for best planted school yard.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—As working manager on small cut flower growing establishment; number of years in one place; or would work on shares; references; state wages, etc. Address 302 S. Hunt's Hotel, 148 Dearborn st., Chicago.

FOR SALE—Some 4-inch hot water pipe; guaranteed sound; 10c per foot f. o. b. Philadelphia. Samuel J. Huntington, Elmwood ave. and 58th st., Philadelphia, Pa.

FOR SALE—World's Fair chance: old established, well located floral business in ST. LOUIS, Mo.; splendid chance for practical florist; thorough investigation solicited. Address No. 104 Union Trust Building, St. Louis.

FOR SALE—Two Hitchings' boilers, No. 16 and No. 17. A. Claus, Springfield, Ill.

SITUATION WANTED—By good grower of carnations, roses, etc.; steady and sober; first-class references; good permanent place wanted; state wages; no place of less than 15,000 feet of glass. Address G. S., care Florists' Review.

WANTED—A second-hand hot water boiler, capable of heating 5,000 sq. ft. of glass; give description, condition and price. Wm. J. Witt, Parsons, Kansas.

FOR SALE—35 boxes of second-hand 8 x 10 A glass. Alex. Waldhart, Hamilton ave. and Horton pl., St. Louis, Mo.

WANTED—Gardener; assistant in commercial place. Nelson's Greenhouses, 275 N. Paulina st., or 145 Hartford bldg., Chicago.

WANTED—At once, married man, who fully understands the growing of carnations; must be honest and reliable, and capable of taking charge of 2,000 feet of glass; state wages with dweller, and full particulars. Nic Zwilf, cor. 14th st. and Groching ave., Milwaukee, Wis.

WANTED—Rose grower for section; two helpers, one carnation helper. J. F. Wilcox, 351 Broadway, Council Bluffs, Ia.

SITUATION WANTED—By first-class grower and propagator; commercial or private; first-class references as to character and ability; state full particulars. Address C. M., care Florists' Review.

FOR SALE—One of the best located greenhouses in Philadelphia, surrounded by five cemeteries; a great cut flower trade and the care of cemetery lots; opposite Mt. Peace Cemetery; sickness reasons for sale. Address Mrs. Dodder, 31st and Lehigh ave., Philadelphia.

FOR SALE—\$35.00 buys a first-class hot water circulator; will heat 400 feet of glass; will take some carnation plants as part payment. Geo. Staflinger, Springville, N. Y.

FOR SALE—One steam pump; 2-in. section, 13-cylinder, with engine, cheap for cash. H. P. Smith, Piqua, Ohio.

FOR SALE—One horizontal tubular boiler with dome attached, capable of heating 1500 to 2000 square feet of glass, for \$300.00 cash if taken at once. W. G. Haebich, Auburn, Ind.

FOR SALE—800 ft 4-in. pipe at 5c per foot; good condition. T. L. Metcalf, Hopkinsville, Ky.

FOR SALE—Greenhouses in one of the best cities in Michigan; 11,000 feet of glass; good business; everything right; the price will scare you; must be sold on account of death. Address 50, care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in. guaranteed sound. H. B. Salter, Rochester, N. Y.

FOR SALE—The most profitable retail cut flower business in the best residence district of Chicago (Rogers Park); stock, lee box, counter etc.; price, \$300.00. Address A. B., care Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago, House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$8,000.00; 13 1/2 acres adjoining house; free of charge. Address 25, care Florists' Review.

FOR SALE—A fine piece of property for florists' purposes in Baltimore. I offer for sale a ten acre lot fronting 550 feet on the north side of the New North Boundary Ave. with a frontage of 500 feet on St. George Ave. 100 feet wide, and a 50-foot ave. to the east, giving three fronts, that is especially desirable as a location for a florist. It is all in lawn except immediate around the house. Improvements are a 12-room dwelling and No. 1 outbuildings, all in good repair. The neighborhood is one of the best and only 24 miles from the city hall. County taxes and city conveniences. Five-cent car fare; car every three minutes; all-night cars. For all squares from the cars.

Price \$18,000. Terms easy. Address BALTIMORE, care Florists' Review.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLOWERS, Pittsburg, Pa.
Mention The Review when you write.

...A... GAIN IN young PALMS

for growing on 3-inch pots.

	100	1000
Areca Lutescens	6.00	55.00
Corypha Australis	6.00	55.00
Lantana Floribunda	5.00	45.00
Phoenix Reclinata	8.00	55.00
Phoenix Canariensis	5.00	45.00
Phoenix Leopoldensis	5.00	45.00
Kenia Helmeriana	5.00	45.00
Kenia Forsteriana	5.00	45.00

Out of 2-inch Pots.

	100	1000
Seaforthia Elegans	4.00	35.00
Livistonia Rotundifolia	6.00	55.00
Caryota Crenata	8.00	55.00
Areca Sapida	8.00	75.00

All of the above stock is absolutely clean and extra good value for the money. Will send a sample lot, one of each variety, on receipt of \$1.00.

J. B. HEISS,
The Exotic Nurseries, DAYTON, OHIO.

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PANSY SEED GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send the first 10 lbs. as follows: Trade package, 25c; 1/2 oz., \$1.00; 1 oz., \$4.00, free by mail. Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you. Seedsmen's orders not accepted. (CASH.)

A. Hitting, Loomis, Cal.

Mention The Review when you write.

HARDY HERBACEOUS PERENNIALS.

Field-grown plants, as follows: Coreopsis Lanceolata, Gaillardia Grand Aquilegia, mixed; Aquilegia Chrysantha, Antirrhinum, mixed, choice colors; Antirrhinum Queen of the North, Hemerocallis Flava, Hardy Pinks, 4 varieties, 8c per 100. PANSIES—extra fine strain, large blooming, ready about Sept. 20th, 5c per 100 by mail; \$4.00 per 100 by express. Cash with order please.

CHARLES S. DUTTON,
85 W. 12th St., HOLLAND, MICH.

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NEW CROP CYCLAMEN PERSICUM GIGANTEUM

We have received from a celebrated specialist a large stock of the choicest Cyclamen persicum giganteum. Sown any time before October they germinate readily and make fine plants for next season. We can furnish in the following four distinct colors, also in mixture:

	100 sds.	1000 sds.
Pure White	\$0.75	\$6.00
White with Carmine Eye .....	.75	6.00
Deep Rose .....	.75	6.00
Blood Red .....	.75	6.00
Finest Mixed .....	.60	5.00

250 seeds or over at the 1000 rate.

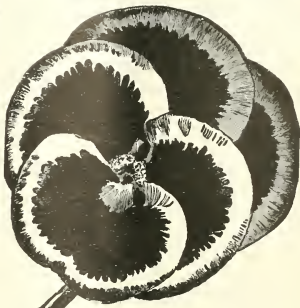
NEW CROP PANSIES

JUST TO HARD FROM THE MOST RELIABLE SOURCES.

Dreer's Royal Exhibition Mixture, the very finest grade, combining the richest coloring with the largest size. Trade pkt., 50c; 1/2 oz., \$1.25; oz., \$8.00.

Dreer's Premium Mixture. A grand mixture in every way and second only to our Royal Exhibition. Trade pkt., 50c; oz., \$4.00.
Giant Trimardean Mixed. Of very large size and fair range of color. Trade pkt., 30c; oz., \$1.25.

We also have other mixtures as well as separate colors. Please see page 20 of our current Wholesale Price List.



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THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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VIOLETS, FIELD-GROWN

Very large and PERFECTLY CLEAN.

CINERARIAS for Xmas blooming, fine stock.
GERANIUMS and all Bedding Plants a specialty. Write us for prices.
 #2 Terms cash or C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.

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PRIMROSES.

Chinese, single mixed	\$2.00 per 100.
Obeonica Alba and Rosea	2.00 "
Forbes	2.00 "
Asparagus, Sprengerii	2.00 "
Asparagus, Plumosus	2.50 "
FANSY PLANTS , ready Oct. 1st, 3.00 "	

JOS. H. CUNNINGHAM, DELAWARE, O.

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Order Now for Fall Delivery.

PÆONY ROOTS

Large Field Clumps	\$25.00 per 100
Strong Divided Roots	10.00 "
	Pink, White, Crimson, Red.

CHICAGO PÆONY FARMS, - - JOLIET, ILL.

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PÆONY ROOTS!

Great Bargain! At 1c per stem, as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red. Orders filled in rotation received.

BRANT & NOE, Forest Glen, CHICAGO, ILL.

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Asparagus Plumosus Nanus.

A large stock of this handsome plant must be sold at once, to make room for winter goods. No better plants for the money. Plant now for winter cutting. Form 3-inch pots, \$6 per 100; from 2 1/2-inch pots, \$4 per 100.

ASPARAGUS SPRENGERI. Fine plants of this valuable variety, from 2 1/2-inch pots, \$3 per 100.

BEGONIA REX. Shift now for holiday specimens. Our stock is in good condition and consists of the best standard varieties, from 2 1/2-in. pots, \$5 per 100.

BEGONIA INCARNATA. A Christmas bloomer and rival to Gloire de Lorraine. Very free bloomer. Strong 3-in. pot plants, well branched, \$5 per 100.

PRIMULA FORBESII (Baby Primrose). Extra fine, 2 1/2-inch pot plants, ready for a shift, \$2.50 per 100.

NATHAN SMITH & SON, ADRIAN, Mich.

Mention The Review when you write.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Burpee's Seeds Grow

PRIMROSES and CINERARIAS.

Primrose, ready for 3 1/2-in., \$2.00 per 100; 300 for \$5.00. Cineraria Grandiflora, \$2.00 per 100; 300 for \$5.00.

J. W. MILLER, HATTON, PA.

WELL PLEASED.

I am well pleased with the REVIEW.
 —HENRY A. SCHOLZ, Yonkers, N. Y.

PANSIES WORTH RAISING. GOOD SEED—AS USUAL.

3-16 oz., \$1.00; 1 oz., \$4.00. Cash with order.

CHR. SOLTAU, 199 Grant Ave., JERSEY CITY, N. J.

CAN'T DO WITHOUT IT.

I cannot do without your valuable paper.—H. W. FARMER, Anderson, Ind.

VALLEY

IN ANY
QUANTITY.
THE BEST
IN THE MARKET.

LEO NIESSEN,

Wholesale Florist,

LONG DISTANCE
PHONE 3-36-09. N. W. Cor. 13th & Filbert Sts., PHILADELPHIA, PA.
Mention The Review when you write

NOW is the time to plan for the coming season. We have made our plans. Can we help you make yours?

Our Plans have been so well laid and carried out that we shall be in a position to give you the best service of any house in this market.

You ought to have the benefit of it. May we have an opportunity to divide with you the benefits resulting from our plans and our work?

Beauties will be a strong feature with us this season. The results of one of our plans are already beginning to materialize in the shape of fine buds from our new range of glass at New Castle, Ind.

All Other Stock will also be received in larger quantities than ever before, and our facilities for handling it to the greatest satisfaction of customers are now unequalled.

Write Us about what you may need this season.

BENTHEY & CO., 35 Randolph St., CHICAGO.

Mention The Review when you write.

DENVER, COLO.

Everything is very quiet in the floral line, funeral work being the mainstay. Most all have their carnations housed and most of them are looking well. A. J. Graham, president of the club and Superintendent of the City Park, has gone east to visit the parks, etc., in the interest of the park commission, to pick up any points of improvement that he may find. He will take in the circle—Chicago, Buffalo, New York, Washington, St. Louis and any place of interest on the way. He expects to be gone about a month.

The Floral Club gave a basket picnic Aug. 26 to its members and its friends. There were sports and games of various kinds, and that with the dancing made the hours fly only too fast. All had a jolly time. THORNE.

SEYMOUR, IND.—M. A. Barick, proprietor of the Seymour Greenhouses, is the only florist here. He has three houses, containing 4,100 square feet of glass, in addition to cold-frames, etc. The houses are heated by water under pressure. The party from whom Mr. Barick bought in 1898 is not a florist and should not receive wholesale catalogues.

**4000
VINCA VARIEGATA
VINES \$4.00**
per 100.

**Campbell Violet
Clumps, \$2.50**
per 100.

...CASH...

DAYTON FLORAL CO., DAYTON, O.

Mention The Review when you write.

AMERICAN POMOLOGICAL SOCIETY.

The biennial meeting of the American Pomological Society will be held Thursday and Friday of this week in Buffalo, N. Y.

DULUTH, MINN.—In a communication to one of the daily papers, Thomas E. Hill, secretary of the Duluth Improvement Association, states that this city needs an up-to-date nursery and that there is a good opening for a good nurseryman.

Are You Short

.....ON.....

GERANIUMS Strong plants from 2½-inch pots of the following high-grade varieties, true to name, \$2.25 per 100, \$20.00 per 1000: S. A. Nutt., Frances Perkins, Alp. Ricard, Grant, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Athlete, La Favorite and Mme. J. M. Gaar.

ASP. PLUMOSUS NANUS, strong from 2½-in. pots, \$2.75 per 100; \$25.00 per 1000.
ASP. SPRENGERI, strong plants, from 2½-inch pots, \$1.75 per 100; \$15.00 per 1000.

SMILAX Strong 2½-inch, \$1.25 per 100, \$10.00 per 1000.
CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

CYCLAMEN. PERSICUM and CIGANTEUM for Christmas Blooming. Fine large healthy plants.
3-inch, \$5.00 per 100. 4-inch, \$5.00 per 100.
Asparagus Plumosus Nanus, 3-in., \$5.00 per 100. **Sprengeri**, 2-in., \$2.00 per 100; 3-in., \$5.00 per 100; 4-in., \$1.00 per doz. **Cinerarias**, ready for potting, from flats, \$1.50 per 100. **Chinese Primroses**, white and mixed, 3-in., \$5.00 per 100; 3½-in., \$5.00 per 100.

SAMUEL WHITTON, 16-17 Gray Ave. UTICA, N. Y.
Mention The Review when you write.

INDIANAPOLIS, IND.

Trade Notes.

The State Florists' Association held its monthly meeting on Sept. 3 with a very good attendance. Mr. C. L. Green was elected to membership. Of those who went to Buffalo each gave a short talk on what he saw and all agreed that it was a rare treat altogether. Mr. Rieinan, from Kingstown, was present and spoke very interestingly about what they are doing at his place and reported everything in good shape, with good prospects for a successful season. Baur & Smith had on show several promising white seedling carnations.

It was decided to hold a special meeting on the 18th of this month to discuss and get under way preparations for the carnation convention next February. The meeting will be held at A. Wiegand & Son's store, corner 16th and Illinois streets. All members of the association are requested to be present, and if any others of the craft are in the city on account of the State Fair or the Odd Fellows' national meeting, which is to be held here, they are most cordially invited to attend this meeting. Take North Illinois car and get off at 16th street. A good time is promised by the host, so be sure and come. A. B.

BALTIMORE.

At a recent meeting of the show committee of the Gardeners' Club, complete arrangements were made for the dahlias show, which is to be held at Royal Arcanum Hall on Sept. 23, 1901. Though called a dahlia show there will be many other flowers exhibited. Richard Vincent, Jr., will send 10,000 dahlias, which he will donate to the club. The patronesses of the club will be the exclusive visitors from 2 until 5 p. m., and from 5 until 10 p. m. the public will be admitted free. The show committee is composed of F. G. Burger, I. H. Moss and N. F. Flitton.

VALUES.

Will some reader of the REVIEW give me an idea as to the right price to ask for roses and carnations growing in the benches? Also for smilax and single stem chrysanthemums.

The roses were planted from 4-inch pots about July 1. The carnations, smilax and chrysanthemums were planted about August 1 and are all in fine condition and in the leading varieties.

I do not want to sell out, but I am on the route of a new railroad, and I want some basis for a claim for losses in case we are unable to agree upon a price.

Iowa.

N. A. N.

GRAND RAPIDS, MICH.—The Central Floral Company of Fifth avenue, near East street, has been succeeded by the Fifth Avenue Floral Company, the Van Hartesveldt Brothers having bought the five greenhouses of C. F. Bennett of Detroit. The purchasers are at work putting the houses in first-class shape. They will build a store on the property, carrying a line of seeds, bulbs, cut and potted flowers and nursery stock. Another house will be built on the west side of the property next year.

WHEELING, W. VA.—Langhans & Co., formerly of Avalon, Pa., will open a store here about Sept. 15.

E. H. HUNT
THE "OLD RELIABLE" FOR

**Wholesale
Cut Flowers**

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

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A. L. RANDALL,
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Don't forget we are at 4 WASHINGTON STREET, CHICAGO.

Write for special quotations on large orders.

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J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....WHOLESALE
GROWER OF**CUT FLOWERS**

PETER REINBERG,
Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS,
Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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**The Cincinnati
Cut Flower Co.,**

416 Walnut St., Wholesale Florists,
CINCINNATI, O.Consignments Solicited.
Special Attention given to Shipping Orders.

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E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.

32, 34, 36 Randolph St.
CHICAGO, ILL.

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F. F. BENTHEY, Manager.

WHOLESALE AND COMMISSION Florists, Consignments Solicited.

35 Randolph St. CHICAGO.

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Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

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CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...
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59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.

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1322 Pine Street,
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FRANK M. ELLIS,
Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

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CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

MCKELLAR & WINTERSON

-45, 47, 49 Wabash Ave., CHICAGO.

HEADQUARTERS FOR

CUT FLOWERS and SUPPLIES OF... ALL KINDS.

If you do not receive our weekly bulletin send us your name and address.

FRANK GARLAND,
WHOLESALE GROWER
and Shipper
CUT FLOWERS,
55-57 Wabash Avenue,
TEL. CENTRAL 3284. CHICAGO.
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. / GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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WHEN IN DOUBT
BUY FROM
ROBINSON
Dagger or
Fancy Ferns,
Green or
Bronze Galax.

A No. 1 QUALITY.

Write for prices on large quantities. We can fill your orders in any amount.

HENRY M. ROBINSON & CO.
Tel. 2618 Main. 36 Court Sq., Boston, Mass.
Mention The Review when you write.

Southern Wild Smilax...
NEW CROP NOW READY.

CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.
Mention The Review when you write.

VEGETABLE PLANTS! PLANTS!

CABBAGE.—Succession, Premium Flat Dutch, Late Drumhead, Autumn King, Drumhead, Savoy, Rock Red and Scotch Kale, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, \$75.00 per 100,000.

CELERY.—Giant Pascal, Golden Heart, White Solid, Golden Self Blanching and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000, Giant Pascal and Golden Heart, \$75.00 per 100,000. If by mail add 10c per 100. Cash with order.

LETTUCE.—Grand Rapids, Big Boston and other varieties, 14c per 100, \$1.00 per 1000; \$8.50 per 10,000; If by mail add 10c per 100.

PARSLEY.—Good Curled Strong Plants, 50c per 100; \$2.50 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.
Mention The Review when you write.

Roses!

BEAUTIES, 3-inch, extra fine stock, \$6.00 per 100.
MAIDS, BRIDES, GATES, METEORS, 3-inch, \$35.00 per 1000; 2 1/2-inch, \$18.00 per 1000; 250 sold at 1000 rates.
PERLES, 2 1/2-inch, \$2.00 per 100.

Have 25,000 good healthy plants, free from any disease, in fine foliage, that want to be benched. It's a pity to sell them for that money, but they have to go to make room and save rebanding. Orders sent promptly and satisfaction guaranteed.
MARQUISE LITTA, 500 3-inch, \$5.00 per 100; 300 2 1/2-inch, \$4.00 per 100.

POEHLMANN BROS. CO.,

MORTON GROVE, COOK CO., ILL.

Mention The Review when you write.

ARAUCARIA EXCELSA

Fine Plants, 6-in. pots, 12 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,
6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

ROSES.

Fine, strong 3-year-old field-grown White Maman Cochet, \$10.00 per 100.

ISAAC H. MOSS,
Govanstown, BALTIMORE, MD.

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ONE DOLLAR FIFTY PER 1000 FOR BRONZE

GALAX LEAVES, Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for 25 Cents.
AMERICAN ROSE CO., Washington, D. C.
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Send to **THE MOON** Company
For { Trees, Shrubs, Vines,
Your } and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE W. M. H. MOON CO.,
Morrisville, Pa.

Mention The Review when you write.

WRITE **GEO. A. KUHL,** Pekin, Ill.,
FOR
Boston Ferns, Asparagus Plumosus and Sprengeri, Field-Grown Plants of Carnations MRS. JOOST, DAYBREAK,
W. M. SCOTT and LIZZIE MCGOWAN.
Mention The Review when you write.

ROSE PLANTS.

La France, 4-inch pots.....	\$8.00 per 100
" " " " " " " " " " " "	1.00 "
" " " " " " " " " " " "	2.00 "
Perles, 3 " " " " " " " " " "	5.00 "
" " " " " " " " " " " "	4.00 "
Brides, 3 " " " " " " " " " "	4.00 "
Bride'smaide, 3-inch pots.....	4.00 "
Kaiserlin, 3 " " " " " " " " " "	4.00 "

J. W. COLLISH, 524 St. & Woodland Ave., Philadelphia, Pa.
Mention The Review when you write.

ROSES. Clean, sturdy stuff, from 3-in. pots.
Brides and Maids, \$5.00 per 100.
Meteors, \$4.00 per 100.

CHARLES E. MEEHAN,
Stocum and Musgrove Streets,
Germantown, PHILADELPHIA, PA.
Mention The Review when you write.

Clearance Sale!

2000 Bride Plants, 3 1/2-inch, } \$20.00
1000 Meteor " " } per
600 Maid " " } 1000.
All Fine Stock.

BRANT & NOE, Forest Glen, CHICAGO, ILL.
Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Trade packages at \$1.00. Also plants of the above strains at \$5.00 per 1000 and \$10.00 for Fancy. They are equal to any that we ever sent out.

DENY'S ZIRNGIEBEL, NEEDHAM, MASS.
Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

50 Acalypha Santeri, 4-in. ch. strong, \$6.00 per 100. Ruxton Floral & Nurseries Co., Ruxton, Md.

ALTERNANTHERA.

Alternanthera, red and yellow, one per 100, \$5.00 per 1,000. Cash. F. W. Meyer, Muncie, Ind.

ALYSSUM.

Alyssum, 3-in., \$3.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

ARACARIAS.

Aracaria excelsa, five-pots, 6-in. pots, 12 to 14 inches, 3 to 4 tiers, \$1.00 each; \$12.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each; \$18.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS.

Asparagus plumosus nanus. Immediate delivery; 2 1/2-in. pots, strong, \$4.00 per 100; \$35.00 per 1000.

Asparagus Sprengeri, 2 1/2-in. pots, strong, \$3.00 per 100; \$25.00 per 1000.

Asparagus & Perkins Co., Newark, New York.

Asparagus plumosus nanus, strong, 2 1/2-in., \$2.75 per 100; \$25.00 per 1000. Asparagus Sprengeri, strong, 2 1/2-in., \$1.75 per 100; \$16.00 per 1000. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, strong 2-in., \$1.50 per 100; 2 1/2-in., \$2.00 per 100; 4-in., \$3.00 per 100. Will exchange for a few hundred carnations. M. J. Coventry, Fort Scott, Kan.

400 Asparagus Sprengeri in 3 and 4 in. pots, cheap to close out. Nothing but first-class plants will be sent. J. G. D. Newton, 510 Park St., Hartford, Conn.

Asparagus plumosus nanus, 3-in., \$5.00 per 100; Sprengeri, 2-in., \$2.00, 3-in., \$5.00 per 100; 4-in., \$1.00 per doz. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 3-in., \$6.00 per 100; 2 1/2-in., \$4.00 per 100. A. Sprengeri, fine plants, 2 1/2-in., \$3.00 per 100. N. Smith & Son, Adrian, Mich.

ASPARAGUS PLUMOSUS NANUS

Cut strings 8 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri from 2 1/2-in. pots in good condition, 3,000 plants at \$15.00 per 1,000. Charles H. Allen, Floral Park, N. Y.

Asparagus Sprengeri and plumosus, 2-in., \$5.00, 3-in., \$3.00 per 100. Walter Retzer & Co., 245 Clarendon Ave., Chicago.

Asparagus, 2-in. pots, per 100; Sprengeri, \$2.00; plumosus, \$2.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, 2 1/2-in. pots, \$3.00 per 100. A. Sprengeri, 3 1/2-in., \$7.50 per 100. L. H. Stafford, Marquette, Mich.

Asparagus plumosus, strong plants, \$2.00 per 100; \$25.00 per 1000. The Chase-Swanger Co., New London, Ohio.

Asparagus plumosus nanus, fine large plants, 3-in. pots, \$8.99 per 100. Schurr's Floral Co., Erie, Pa.

400 Asparagus plumosus nanus, ready for 7-in. pots, \$12.00 per 100. Sample, 15c. Wm. J. Puffer, Brockton, Mass.

Asparagus plumosus nanus, strong, healthy plants, 2-in., \$5.00 per 100. A. J. Fenneck, Lansdowne, Pa.

Fine Sprengeri and plumosus in 2 and 3-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, 4-in. ch., \$3.00 per 100. H. Ellis, Elkhart, Ind.

100 Asparagus Sprengeri, 4-inch, \$5.00. Ruxton Floral Co., Ruxton, Md.

Asparagus plumosus, all sizes. A. S. MacNean, Lakewood, N. J.

Asparagus Sprengeri, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

AZALEAS.

Azalea Amoena, one of the choicest hardy dwarf shrubs. Two-year-old, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100. 2 1/2-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list. BOBBINK & ATKINS, RUTHERFORD, N. J.

BEGONIAS.

Begonia Rex. Our stock is good and of the best standard variety. 2 1/2-in. pots, \$5.00 per 100. Begonia incarnata, a Christmas bloomer and a rival of Gloire de Lorraine, 3-in. pot well filled, \$5.00 per 100. N. Smith & Son, Adrian, Mich.

Begonia, 2 1/2-in., 10 varieties, ready for 4-in., \$2.00 per 100. E. G. Bunyar, Independence, Mo.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1000. Cottage Gardens, Queens, N. Y.

Begonia, 3 varieties, 2 1/2-in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

Jerusalem cherry (Solanum capsicastrum), with berries and in bloom, out of 4-in. pots, \$5.00 per 100; 6-in., \$8.00 per 100; 7 1/2, \$9.00 per doz. Cash, please. Converse Greenhouses, Webster, Mass.

Jerusalem Cherry, fine, from field, well set with berries, dwarf, \$5.00 per 100. J. S. Bloom, Riegelsville, Pa.

If you read these advs. others would read yours.

BULBS.

LILUM HARRISHI, extra fine, 5x7, 12, 60c; 100, \$6.00.

LILUM CANDIDUM, thick-petaled kind, extra strong, 12, 75c; 100, \$5.00. Fine bulbs, 12, 60c; 100, \$5.00.

LONGIFLORUM, Japan - strong. Easter is early plant now. 5x7, 12, 25c; 100, \$2.00; 1000, \$17.50. 6x5, 12, 45c; 100, \$2.75; 1000, \$25.00. 7x3, 12, 60c; 100, \$4.00; 1000, \$35.00. 5x10, 12, 85c; 100, \$6.50; 1000, \$60.00. 10x11, monster, 12, \$1.50; 100, \$10.00.

LONGIFLORUM multiflorum, true, two-to-two weeks earlier, more flowers, try them. 6x5, 12, 60c; 100, \$4.00. 7x3, 12, 75c; 100, \$5.00. 9x10, 12, \$1.00.

ROMAN HYACINTHS, white, 11x13, 12, 25c; 100, \$1.75; 1000, \$16.00. 12x15, 12, 40c; 100, \$2.25; 1000, \$21.00. 12, 15c; 100, \$1.50; 1000, \$12.50.

PAPER WHITE, true grandif., extra, 1st size, 12, 15c; 100, 85c; 1000, \$7.50. 12 cm. up, 12, 10c; 100, 75c; 1000, \$6.50.

CALLA ETHIOPIACA, sound center shoots, 2 1/2, 12, 60c; 100, \$4.00; 1000, \$35.00. 4x6, 12, 75c; 100, \$5.00; 1000, \$50.00.

CYCLAMEN, per. etc., brilliant colors, extra size bulbs, 11x13 in., 12, 85c; 100, \$6.00.

All Dutch bulbs ready. Extra fine this season.

HYACINTHS, large bulbs, extra fine, 15 cm. up, in separate colors, 12, 50c; 100, \$1.00; 1000, \$8.00. Voe Sten, extra fine, 12, 30c; 100, \$2.00; 1000, \$17.00.

Send for estimate on all Dutch bulbs. H. H. BERGER & Co., 47 Barclay St., New York.

First shipment of Japan-crown Longiflorum. Buy now and plant for Easter flowers.

6 to 9 in., \$2.75 100, \$25.00 1,000.
7 to 9 in., \$4.00 100, \$38.00 1,000.
9 to 10 in., \$6.75 100, \$65.00 1,000.

The early flowering Longiflorum multiflorum. 7 to 9 in., \$5.00; 1,000, \$45.00; 9 to 10, 100, \$7.50; 1,000, \$70.00.

W. W. KARNAT & CO., 161 Kinnear St., Chicago.

Calla lilies, monster bulbs, \$7.00 per 100; 6-in. circ., \$1.00 per 100, \$35.00 per 1000; 6-in. circ., \$1.00 per 100, \$30.00 per 1000; 4-in. circ., \$2.00 per 100, \$20.00 per 1000; 2 1/2-in. circ., \$2.00 per 100, \$15.00 per 1000.

Narcissus, Paper White, \$1.00 per 100, \$7.50 per 1000. N. incomparabilis, 75c per 100, \$5.00 per 1000. Send for price list of Japan lily bulbs; also young palms, California-grown camellias and Aracarias. F. Ludemann, San Francisco, Cal.

ST. LOUIS

Florist and others are invited to call and inspect our stock of PALE BLUEBERRIES and get prices before buying. PLANT SEED CO.

Daffodils. Ard Rich, earliest of all, per 1,000, \$30.00; per 100, \$4.00. Mixed, best varieties, per 1,000, \$5.00. Narcissus, mixed, per 1,000, \$5.00. Special prices for more than 1,000, 250 at 1,000 rate. Guaranteed sound and healthy California-grown gladioli. Mrs. J. W. Kersey, Daffodils, Hayward, Cal.

Calla bulbs, sound, full size; per 100 prepaid; \$ to 4 inches to circ., \$2.00; 2 1/2 to 3 inches in circ., \$2.00; 2 to 2 1/2 inches in circ., \$1.00. Cash with order. Satisfaction guaranteed. Fred Raftery, Hermosa Gardens, Santa Ana, Cal.

Lilium Harrish. Just arrived in fine condition, ready for delivery. Prices on all bulbs, tubers, plants and roots cheerfully given by sending a list of wants to F. W. O. Schmitz, Princeyale, N. Y.

Our wholesale price list of high-class bulbs for florists has been mailed to the trade. If you have not received for one of your new, J. M. Thorburn & Co., 25 Cortland St., New York.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, all kinds, Ask for special bulb list. BOBBINK & ATKINS, RUTHERFORD, N. J.

CARNATIONS.

FIELD-GROWN PLANTS. Our carnations have grown very fast the last two weeks and are now as fine and healthy as any plants we ever sold.

No stem-rot, dried leaves or disease of any kind. Marquis and Mrs. P. Lippincott, \$5.00 per 100. Queen Louise and Crocker, \$6.00 per 100. White Cloud, Mrs. Fisher. Albertini, Florida. Daybreak, Triumph. Portia, Meteor. C. H. Duhm, Maud Adams.

QUEEN LOUISE.

\$12.00 per 100, \$100.00 per 1000. Reports coming in show that Queen Louise has equalled or surpassed in growth all the other varieties of carnations. It is the BEST WHITE group.

J. L. DILLON, Bloomsburg, Pa.

15,000 strong, healthy plants, ready to bench of the following varieties:

Red Jacket, Flora Hill. White Cloud, Genevieve Lord. Marquis, Wm. Scott. Mrs. F. Joost, Penchob. Mrs. Lippincott, New York. Seneca Chief, Albertini. Gov. Griggs, Evelyn. Conch Shell, Olybia.

Chry. Young, Triumph. Ethel Crocker, Psyche. Panted Lady.

Write us for prices before buying elsewhere. WALKER & McLEAN, Youngstown, O.

FIELD-GROWN PLANTS.

Good, healthy stock. Per 100 Mrs. Lawson, \$5.00. The Marquis, large plants, \$5.00. White Cloud, medium, \$5.00. Ethel Crocker, large plants, \$5.00. Ethel Crocker, medium, \$4.00. C. H. Crane, medium, \$5.00. Mrs. Joost, medium, \$5.00. Wm. Scott, \$5.00. Olympia, \$5.00. Lion Jon, \$5.00. Mary Wood, \$5.00. White Cloud, \$5.00.

EVENDEN BROS., Williamsport, Pa.

CARNATIONS FROM FIELD.

G. Lord, 1st size, \$3.00 per 100; Marquis and G. Lord, 2d size, \$6.00 per 100. P. Crocker, 1st size, \$5.00 per 100. America, G. Nugget. Albertini, Joost. Daybreak, Victor.

Good 2d size, \$5.00 per 100. Cardinal and McGowan, \$4.00 per 100. BROY & CASFIELD, Springfield, Ill.

Carnations—White Cloud, 850 2d size, 150 3d size; F. Joost, 400 2d size, 600 3d size; Evanson, 100 2d size; Victor, 75 2d size, 75 2d size, at \$2.50 per 100 for 2d size, \$2.00 per 100 for 3d size. They will be put in the box as fast as taken out, so their roots will not get dry, and when they get home they will be as good as fresh as your own plants.

N. GREIVELDING, Merrill, Wis.

Carnations, fine, strong plants, field-grown and entirely free from disease. 500 Marquis and 100 Lawson, medium size, \$6.00 per 100. 600 Crane and 500 Gomez, 1st size, \$5.00 per 100. 300 Crane, 400 Joost, 2d size, and 500 Crocker, 1st size, \$4.00 per 100.

MARION FLOWER CO., Marion, Ind.

Field-grown carnations. We have a surplus of a few hundred 2 1/2 inch and McGowan at \$6.00 per 100; Lord, Crocker, Gomez and Joost at \$7.00 per 100. Cash with order; satisfaction guaranteed. C. H. Green, Fremont, Neb.

FIELD-GROWN CARNATIONS.

We offer excellent, strong, bushy carnation plants... Triumph, Crane, Mazing Glory, Lizzie McGowan, White Cloud, Mary Wood, John Young, W. Scott.

A. WASHBURN & SONS, Bloomington, Ill.

Field-grown carnations. Our plants are strong, healthy and free from disease... Maceo, Jubilee, Daybreak, Scott.

Cash or C. O. D. W. J. & M. S. Vesey, Fort Wayne, Ind.

FIELD-GROWN CARNATIONS.

40,000 field-grown carnation plants ready to ship: Flora Hill, Ethel Crocker, Eldorado, Victor, Frances Joost, Dexter Pierce, Marquis.

Cash with order. S. J. REUTER, Westerly, R. I.

FIELD-GROWN PLANTS.

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For list of varieties and prices see our display adv. in this issue. The Geo. Wittbold Co., 1577 Buckingham Bldg., Chicago, Chicago.

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Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tylog wires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

DO NOT TE UP roses or carnations until you have read our circular on wire. E. F. Littlefield, Worcester, Mass.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

WIRE WORK.

C. A. Kuehn, 1122 Pine-st., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45 ft., 49 Wabash Ave., Chicago.

Edwin Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

CATALOGUES RECEIVED.

Henry A. Dreer, 714 Chestnut street, Philadelphia, catalogue of bulbs, seeds, plants, etc., for autumn, 1901; T. S. Hubbard & Fredonia, N. Y., price list of grape vines and small fruits; P. J. Berckmans Co., Augusta, Ga., catalogue of fruit and ornamental trees, shrubs, climbers, ornamental hedge plants, etc.; Edw. B. Jackson, Stamford, Conn., fall catalogue of hardy herbaceous plants; Pinehurst Nurseries, Pinehurst, N. C., descriptive catalogue of American seedlings, conifers, trees, shrubs, palms, etc.; M. Rice & Co., 918 Filbert street, Philadelphia, calendar.

JOHN LUCAS.

John Lucas, founder and active head until a few years past of the firm of John Lucas & Co., large dealers in greenhouse glass in Philadelphia, New York and Chicago, died August 7. His death will cause no change in the business, which will be continued under the same name and at the same locations.

DES MOINES, IA.—The premiums offered for plants and flowers are so low and the regulations so exacting at the Iowa State Fair that there was this year only one exhibitor, and the display naturally was not extensive. The fair managers can hardly expect first-class work to be entered in competition for such beggarly prizes. The florist that did enter went in merely for the advertising and made the most of it.

ST. PAUL, MINN.—Henry Norman, a florist of Medford, Wis., was a recent visitor. He had answered an advertisement of a matrimonial bureau, paid \$10 on account, and came here to close the deal, but on his arrival could not find either the matrimonial bureau or his \$10. So he reported the case to the police. Are marriageable ladies scarce in Wisconsin?

SARATOGA, N. Y.—The annual floral fête was very successful, the display being as extensive as ever and the city crowded with visitors. At night Broadway was illuminated with many thousands of paper lanterns. A new feature was a pyrotechnical display at the park of the racing association.

MANSFIELD, PA.—Mrs. Robert Crosley is building some new houses, which will increase her glass surface to 10,000 square feet. The stock consists of carnations, chrysanthemums, some roses and bedding plants and part of one house is devoted to lettuce.

LOOMIS, CAL.—A. Mitting is building two greenhouses for L. D. Clapp, who will start in as a carnation grower with 2,000 square feet of glass.

KALAMAZOO, MICH.

The Central Michigan Nursery and the Kalamazoo Nursery and Floral Company, both of this city, have consolidated under the name of the former and have increased their capital stock from \$25,000 to \$50,000. The move means a practical absorption of the Floral company by the Nursery company. Both organizations have pursued successful careers for some time, the Nursery company being organized in 1891 by Charles A. Maxson, now treasurer and general manager. Increased business made an increase of capital stock advisable and nearly all of the shares are held in Kalamazoo. The united company now owns and operates 400 acres of nursery land south of the city near White's lake and thirty acres at the northern extreme of Woodward avenue, where three new greenhouses are being added to those already in use. Cut flowers of all kinds will be given especial attention hereafter in addition to the propagation and sale of plants, both wholesale and retail.

The officers of the company are as follows: President, J. N. Stearns; vice-president, E. D. Foster, Detroit; treasurer and general manager, Charles A. Maxson; secretary, C. A. Krill; assistant manager, J. W. Rose; manager floral department, W. C. Cook.

Of the three new houses two are 20x100 each and one 15x50. This addition gives the company a total of 13,000 square feet of glass, which it is intended to add to in the spring.

COLUMBUS, OHIO.

The Ohio State Fair, which was held in this city Aug. 26 to Sept. 3, was not quite as successful as was anticipated and it probably will not be held two weeks again.

The floral and fruit hall was very attractive with its fine arrangements, which was in charge of Mr. Currie, formerly with the Colorado State Hospital, and Mr. Cregg, of Dayton, Ohio.

The following premiums were awarded on plants and cut flowers: E. L. Charles, Columbus, Ohio, 32 firsts and 9 seconds; Miss Perry, Columbus, Ohio, 8 seconds; Mr. Breece, West Berlin, Ohio, 3 firsts and 2 seconds; Mr. Hall, Zanesville, Ohio, 1 second; Mrs. Johnston, Dayton, Ohio, 2 firsts and 3 seconds; Mrs. Zimmer, Zimmer, Ohio, 1 first and 1 second.

Mr. Baldwin, of Newark, Ohio; E. Ashley, representing H. A. Dreer, of Philadelphia, and Jos. H. Cunningham, of Delaware, Ohio, were recent visitors.

E. Metzmaier has improved his place by rebuilding.

E. L. Charles has been rushed with funeral work and wedding decorations and has several large decorations booked for the future.

S. F. Stevens, who has been on the sick list since returning from Buffalo, is improving. G.

ERIE, PA.

Trade has not begun to show any improvement over the past few weeks. Funeral work is about the only thing in demand.

The August rains have brought in some good asters.

Roses are scarce and somewhat inferior.

The only good carnations are those being cut from the plants in the field. L. V.

150,000 Field-Grown Carnations 6 Acres

Our carnations have grown very fast the last two weeks and are now as fine and healthy plants as we have ever sold. We have no stem rot, dead leaves or disease of any kind.

MARQUIS,	MRS. B. LIPPINCOTT,
	\$8.00 per 100.
GENEVIEVE LORD, ETHEL CROCKER,	
	\$6.00 per 100.
WHITE CLOUD,	MRS. FISHER,
C. H. DUHM,	MAUD ADAMS,
ALBERTINI,	ELDORADO,
JUBILEE,	
	\$5.00 per 100.

QUEEN LOUISE,

\$12.00 per 100 \$100.00 per 1000.

Reports coming in from our customers show that **QUEEN LOUISE** has equalled or surpassed in growth all the other varieties of carnations. It is the best **WHITE** Carnation grown. You will miss it if you do not plant it largely. Send in your order early.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write

FIELD-GROWN CARNATIONS

These plants are Strong, Healthy Stock and carefully packed in open crates.

1800 MRS. JOOST	\$4.00 per 100.
800 MRS. BRADT	5.00 "
400 MACEO	5.00 "
500 CRANE	5.00 "

BASSETT & WASHBURN, HINSDALE, ILL.

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CARNATIONS!

Field-Grown, Clean and Healthy.

E. CROCKER, MRS. F. JOOST, AMERICA, JUBILEE, FLORA HILL, WHITE CLOUD,

CASH WITH ORDER PLEASE. \$5.00 per 100, \$40.00 per 1000.

BAUR & SMITH,

38th St. and Senate Ave., INDIANAPOLIS, IND.

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Field-Grown CARNATIONS. Extra Strong Stock. 20,000 Field-Grown..Carnations

1000 Ethel Crocker	\$8.00 per 100
600 Marquis	8.00 "
500 Triumph	5.00 "
300 McGowan	5.00 "

These are large, clean, healthy plants, not affected by drought.

We also have a few hundred good second grade Marquis and Crocker which we will sell at \$5.00 per 100.

Aparagus Plumosus Nanus, from 3-inch pots, at \$5.00 per 100. Fine large plants.

SCHLURAFF FLORAL CO., - ERIE, PA.

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We escaped the drought, consequently our stock is in No. 1 shape for benching.

Flora Hill, Melba, Crocker, G. Lord, B. Lippincott, America, Crane, Maceo, Bradt and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.

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Florists' Review

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233 MERCER STREET, NEW YORK.
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VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

CARNATIONS. Field-Grown Plants.

White. Per 100
 Norway, a few hundred only to spare, ready Sept. 20, per doz. \$2.50 \$15.00
 Bon Homme Richard, per doz. \$1.50.
 Nylia, per doz. \$1.50
 White Cloud, strong 7.00

Pink.
 Genevieve Lord, the best pink, strong 8.00
 Marquis, strong 5.00
 Dorothy, strong 12.50
 Sunbeam, per doz. \$1.50
 Prof. T. W. Lawson, stock limited 10.00
 Mrs. T. W. Lawson, stock limited 10.00

Red. Per 100
 Egypt (crimson), \$12.00 Crane stock limited 6.00
 America, strong. 7.00 Victor, extra strong 8.00

Fancy.
 Admiral Cervera, per doz. \$2.00.
 Prosperity, per doz. \$3.00 20.00
 25 plants at 100 rate.

CHRYSANTHEMUMS. Some fine plants from Nylia. Pots will hold \$2.00 per 100, our selection.

ROSES. 3 1/2 and 4-in. pots. Perle, Bride, Meteor, Gontler, Mme. Chateaux; also a pink sport from Bride, similar to Mermel. Price of above, \$7.00 per 100, 25 plants at 100 rate.

H. WEBER & SONS, - - Oakland, Md.
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Field-Grown Carnations.

Fine plants of good, clean stock of the following varieties, ready for the bench:

Crane \$5.00 per 100; \$45.00 per 1000
 America 5.00 " 45.00 "
 Lord 5.00 " 45.00 "
 Joost 5.00 " 45.00 "
 Evanston 4.00 " 35.00 "
 Scott 4.00 " 35.00 "
 250 at 1000 rate.

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For Sale Cheap.

FIELD-GROWN CARNATIONS.
 Our plants are strong and healthy. Free from disease.

PINGREE, TRIUMPH, GENEVIEVE LORD, WHITE CLOUD, ETHEL CROCKER, OLYMPIA, EVELINA, BRADT, \$6.00 per 100.

MACEO, MARY WOOD, JUBILEE, CRANE, DAYBREAK, PERU, SCOTT, AMERICA, \$4.00 per 100.
 Cash or C. O. D.

W. J. & M. S. VESEY, Ft. Wayne, Ind.

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"Goodenough"

The most profitable White Carnation. Also Wm. Scott, Ethel Crocker and Frances Joost, field-grown plants.

SIDNEY LITTLEFIELD, North Abington, Mass.

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WITH PLENTY OF ROOTS
 READY All the best varieties. Write for prices.

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QUALITY TELLS--PRICE SELLS.

Geraniums, 2-in., \$1.50 per 100; 3-in., \$2.50 per 100
 Coleus 2-in., \$1.00 "
 Asparagus Sprengeri, seedlings, \$1.00 "
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..Latantias..

Headquarters for PERFECT Stock.

WALTER RETZER & CO.,

2045-49 Clarendon Avenue, CHICAGO.
 (NORTH HALSTED STREET)

Special attention is drawn to the fact that the plants offered below are PERFECT, most of them having their seed leaves still attached, a proof in itself that the plants are grown properly. They are stocky, clean and of good color.

LANTANIA BORBONICA.		ASPARAGUS PLUMOSUS.	
	Per doz.		Per doz.
5-inch, 5 to 7 leaves	\$5.00	2-inch	per 100, \$5.00
6-inch, 6 to 8 leaves	\$4.00	3-inch	8.00
7-inch, 7 to 9 leaves	9.00	ASPARAGUS SPRENGERI.	
8-inch, 8 to 12 leaves	12.00	2-inch	per 100, \$5.00
	22.00	3-inch	8.00
KENTIA BELMOREANA.		KENTIA FORSTERIANA.	
	Per doz.		Per doz.
4-inch, 6 leaves	\$8.00	4-inch, 4 to 5 leaves	\$10.00
5-inch, 7 leaves	7.00	5-inch, 5 to 6 leaves	6.00

Palms and Ferns.

SPECIAL PRICES on the following Well Grown Healthy Stock:

Kentia Forsteriana, 5-inch pots, 20 inches high	each, \$.75	Per doz. \$9.00
Kentia Forsteriana, 6 " " 24 to 30 inches high	1.00	12.00
Lantania Borbonica, 6 " " 20 to 24 " " .....	.75	9.00
Phoenix Canariensis, 5 " " 15 to 18 " " .....	.75	9.00
Phoenix Canariensis, 6 " " 18 to 20 " "	1.00	12.00
Nephrolepis Bostoniensis (Pot) 5-inch pots, each .....	.35	Per doz. \$4.00
(Grown) 6 " " 5 " " .....	.50	6.00
(Grown) 8 " " 1 " "	1.00	12.00
NEPHROLEPIS EXALTATA, 2 1/2-inch, \$3.00 per 100.		

FOREST CITY GREENHOUSES, ROCKFORD SEED FARMS. **H. W. BUCKBEE, ROCKFORD, ILL.**

We offer good strong plants of

CARNATIONS

as follows:

Daybreak, Armazindy, Chapman, White Cloud, Flora Hill, America, \$5 per 100.

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 42 & 44 Randolph St., CHICAGO.

Pansy Seed, Palms, Primulas, Field-Grown Carnations.

Per 100

California Gold, Crane, Avondale, Gomez, Joost, De Roo Mitting (white), Mrs. A. Mitting (pink) \$ 4.00
 Chinese Primulas, white only, 2 1/2-in. 2.00
 New Yellow Baby Primrose, 2 1/2-in. 2.00
 Begonias, 3 varieties, 2 1/2-in. 2.00
 Lantania Borbonica, 2 1/2-in. 4.00
 Kentia Belmoreana, 3-in. 15.00
 Kentia Forsteriana, 3-in. 15.00
 Pansy Seed, Giant and Fancy, mixed, \$4.00 per doz.
 Pansy Plants, fine strain, 50c per 100 by mail, \$4.00 per 1000 by express.

—CASH—

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FOR SALE!
 FIELD-GROWN PLANTS OF
DOROTHY CARNATION
 \$10 per 100, \$75 per 1000.
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CARNATIONS.

Clean, healthy, field-grown stock at \$5.00 per 100; \$15.00 per 1000.

700 ARMAZINDY.	1000 VICTOR.
400 TRIMPH.	600 EVELINA.
100 DAYBREAK.	200 MELBA.
	300 WHITE CLOUD.

L. I. May & Co., St. Paul, Minn.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Carnations..

A-1 Stock. Has had plenty of water.
 Jubilee, Crane, Flora Hill, Daybreak, Ethel Crocker, Guardian Angel and Joost, \$5.00 per 100; \$15.00 per 1000. Irene, \$12.00 per 100, extra large plants.
CRABB & HUNTER, Grand Rapids, Mich.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

American Rose Co. 445-461	Kennett Foundry & Machine Co. 472
Amiling, E. C. Co. 460	Kennicott Bros. Co. 473
Barnard, W. W. & Co. 445	Kroschick Bros. Co. 473
Bassett & Washburn 460-468	Kucha, C. A. 460
Baur & Smith 468	Kuhl, Geo. A. 461
Bayersdorfer & Co. 446	Lager & Hurrell 448
Becker, W. C. 459	Littlefield, Sidney 469
Bentley & Co. 458-460	Long, D. B. 471
Beyer, H. H. & Co. 446	Love & Barnhart 473
Berning, H. G. Co. 460	McKellar & Winter-son 461
Brant & Noy 457-461	May, L. & Co. 461
Brunkerhoff & Barnett 472	Meehan, C. E. 461
Engraving Co. 472	Michell, H. F. 445
Buckbee, H. W. 469	Miller, J. W. 457
Buckley Plant Co. 458	Mitting, A. 456
Budlong, J. A. 460	Monitzer Co., J. C. 470
Burpee, W. Alice & Co. 457	Moore Co., W. W. 469
Caldwell The Woodsman Co. 461	Morris Floral Co. 469
Chicago Faecoy Farms 467	Moss, Isaac H. 461
Chicago Flower & Engraving Co. 460	Niessen, L. O. 458
Classified Advs. 462	Palca Co. 471
Colflesh, J. W. 461	Pennock, S. S. 456
Columbia Steam Pump Works 470	Pierce Co., F. O. 472
Crabb & Hunter 469	Pittsburg Cut Flower Co. 456
Crown Fern Co. 446	Poshmann Bros. Co. Works 461
Cunningham, Jos. H. 457	Pollworth Co., C. C. 472
Davton Floral Co. 458	Randall, A. L. 469
Diebich, A. & Co. 471	Reed & Keller 448
Dillon, J. L. 468	Regan Ptg. House. 471
Dorner, F. & Sons Co. 466	Reinberg, P. 469
Drover, H. A. 457-472	Reuter, W. & Co. 458
Dutton, Chas. S. 456	Rice, M. & Co. 446
Ellis, M. M. Co. 460	Robinson, H. M. & Co. 457
Esler, John S., Sec'y. 463	Rupp, John F. 459
Garland, Frank 461	Schultz Floral Co. 472
Garland, Geo. M. 473	Schmitz, F. W. O. 445
Geller, Sigmund 446	Scollay, John 472
Gilpin & Co. 473	Seabury, J. D. 468
Grave, E. P. 468	Smith, N. & Son 457
Greene & Underhill 472	Soltau, Chr. 457
Hall, W. E. 468	Thorburn, M. C. 446
Hammond, Benj. 471	Vesey, W. J. & M. S. 459
Hancock, Geo. & Son. 469	Vincent, Jr., R. & Son 461
Harms Park Floral Co. 469	Wabash Ry. 461
Heacock, Jos. 446	Weber & Sons. 469
Herrmann, A. 446	Weiland & Eisech 460
Hill Co., E. G. 467	Whilldin Pottery Co. 460
Hings, E. P. 471	Whilton, S. 456
Hitchings & Co. 470	Wieder, E. W. 460
Hunt, E. H. 468-470-472	Wilks Mfg. Co. 452
Jennings Bros. 470	Witter, E. W. 459
Kastine, W. F. 445	Young, J. W. 446
Keller Bros. 470	Ziegler Filter and Pottery Co. 470
Kelllogg, Geo. M. 461	Zirngelbeid, D. 461

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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See That Ledge.

Pat. Sept. 18, 1900.



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Patent Iron Bench Fittings and Roof Supports,

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SAMPLE POT and PRICE LIST ON APPLICATION.

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Red Standard Pots!

Smoothest on the market. Strength and Porosity unexcelled. We for prices, we will surprise you.

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Send Four Cents for Catalogue.
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Address B. HAMMOND, FISHKILL-ON-HUDSON, N. Y.
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LOUISVILLE, KY.

Various Notes.

The Kentucky Society of Florists held its monthly meeting September 4 at the establishment of F. Walker & Co., New Albany, Ind., with President William Mann in the chair. Quite a large crowd of florists was present, and considerable business was transacted. After the meeting the members were invited to a bounteous spread which was prepared by the firm, and which will long be remembered by all who were present.

Trade is picking up a little this week. The weather is very hot here. Roses are coming in good, but there are not enough carnations to go around; asters are also coming in good.

Joseph Coenen & Co. report a very heavy sale in Boston ferns for the month of August.

Jacob Schultz's place is in fine condition; his seedling carnations are looking very fine.

J. E. Marrett has had lots of funeral work of late.

E. G. Reimers had a large decoration at the custom house during the convale of Knights Templar.

E. Heitz's place is in fine shape for the winter.

Hy Fuchs has just finished building a new office adjoining his greenhouses.

John Behrman, T. B. Rudy and wife, and Hy Lichtefeld are thinking of taking in the big floral parade at Cincinnati next week. **HY LICHTEFELD.**

NORRISTOWN, PA.—The Clipper Lawn Mower Co. has been incorporated with a capital stock of \$50,000, and it is proposed to erect a plant with a capacity of 10,000 machines a year. Sales have increased so enormously that they have been unable to manufacture fast enough with present facilities.



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Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 8 inches of shade. No drip whatever from glass or gutter.

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Has its own rolls and is the shortest line to
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Stop-overs given at both points on all tickets.

For Descriptive Matter, Rates, etc., call on nearest Ticket Agent, or address
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Nikoteen Aphis Pink
It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required - No heating of irons. No trouble. Cannot injure the most sensitive blooms - Very effective. Price 60¢ per box of 12 rolls. All dealers sell it!

Skabcura Dip Co.
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Tin Foil for Florists

Special Shades. Special Designs. Plain or Colored.

Write today for samples and prices.

THE PALEN COMPANY, Inc.
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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

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Publisher, Buffalo.

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Of Clear Louisiana Cypress and California Red Cedar

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by **WILLIAM SCOTT**

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopaedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

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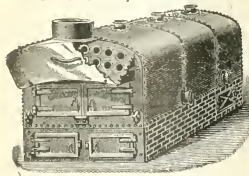
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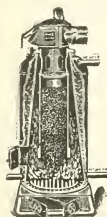
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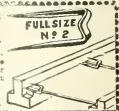
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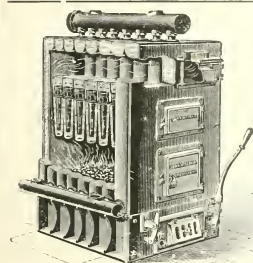
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Bldg., CHICAGO.

Vol. VIII.

CHICAGO, SEPTEMBER 19, 1901.

No. 199.

Lilium Harrisii

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Green or Bronze Galax, 75c per 1000, in 5000 lots. Laurel Festooning, 4c, 5c and 6c per yard. All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

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MORE REMUNERATIVE.

My advts. in THE REVIEW were more remunerative than those in any other paper. I am well satisfied.—T. L. LEAD, Oveido, Fla.

FLORISTS' CALENDAR -- September.

Lil. Harrisii, extra fine, 5x7 inch.....	12	100	100
Lil. Candidum, St. Joseph's Lily, thick petaled sort, extra strong bulbs.....	\$0.35	\$2.00	\$17.50
Thick petaled sort, fine bulbs.....	.75	5.00	
LONG FLOREM, Japan-grown, EASTER is early. Plant now.....	.90	4.00	

5x7 inch cire.....	12	100	1000
6x8.....	43	2.75	25.00
7x9.....	50	4.00	35.00
9x10.....	85	6.50	60.00
10x11.....	1.50	10.00	

True Lingiform Multiflorum, blooms two weeks earlier.

Many more flowers. Try them. Stock very scarce.

6x8 inch.....	50	4.00
7x9.....	75	5.00
9x10.....	1.50	7.00

Roman Hyacinths, white.

11x13.....	25	1.75	16.00
12 cm. up.....	40	2.25	21.00

Paper White, TRUE Grandif. Extra 1st size.....

12 cm. up.....	15	85	7.50
10.....	10	75	6.50

Calla Ethiopica, SOUND center roots, 4x3-inch.....

.....	50	4.50	40.00
.....	75	5.50	50.00
.....	85	6.50	

FREESIA Leichthii, beautiful

.....	10	.90	8.00
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Cyclamen Persicum Giganteum, brilliant colors, extra size bulbs, 1 1/2-inch.....

.....	85	6.00
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All DUTCH BULBS READY. Extra fine this season.....

.....	12	100	1000
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Hyacinths, large extra fine, 1 1/2 in. up, in separate colors.....

.....	\$.50	\$ 5.00	\$ 32.00
Von Sion, extra fine, double nosed.....	30	2.00	17.00

Send for estimates on all Dutch Bulbs.

SEEDS TO SEND NOW.

Just received, fresh: Cyclamen P. Giganteum

seeds, 10c white, rose, brilliant crimson, white with dark eye. Each color separate

100 seeds, 6c; 1000 seeds, \$3.00.

PANSIES, Crown of France, German and English, prize flowers, uniformly 1000 seeds, 25c; 5000 seeds, \$1.00.

Musa Ensete 5 ed.....100, 35c; 1000, \$7.00

Asparagus Sprengeri.....100, 35c; 1000, 2.10

Asparagus Plumosus N.....100, 65c; 1000, 6.00

Order NOW Azaleas and Valley for November

Fern Balls. Send for new catalogue. Any information. Estimates cheerfully given.

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ORCHIDS..

Arrived in prime condition, the beautiful Liella Patini, Oncidium Kramerianum (butterfly orchid), Angula Clovesii and A. Buckeri. We also offer a fine lot of Oncidium Varicosum Rogersii in spike, and Cattleya Percivaliana in bud.

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THE RETAIL FLORIST.....

The Careful Buyer.

These few remarks are intended as a continuation of last week's notes for the careful buyer. Market values do not differ much in the large cities at this time of the year; that is on common general stock. It is only when and where specialties or novelties are offered or sought that prices go up very high, making transactions disagreeable, more

with the same ultimate results and more profit. Some people cannot "make up" unless they are supplied with first-class stock; it would not be safe for such to invest much money in a business for themselves. The best test of artistic ability is to "make up" fine work out of poor material, and in our climate we should remember that the despised flower of one day may be a gem the next.

you can often make a good profit on a small job if you buy and properly use the right material.

Wild smilax is obtainable and in good condition; a little of it goes a long way providing you use other greens, and slender branches of red maple or cut-leaved oak are excellent for panel or garland work. Wild smilax can be used for the drop-loop or to lighten off the others. You can well afford to leave out evergreens in fall wedding decorations. Honeysuckle vines are good for light trimming, and there is nothing choicer nor more effective than Clematis paniculata; it is in full bloom at present, can be had cheaply from any large nursery and you can use it anywhere to advantage. If you make curtains or arrange this vine in a low position it should be tied up as if growing, foliage facing up; where it is used suspended overhead, ar-



IN MEMORIAM.

Window of John Mangel, Chicago, this week. Designed by Andrew Miller.

on account of the sudden rise than of the size of the rise. If the growers or wholesalers would agree to put a set weekly or semi-monthly price on certain grades of flowers there would be more pleasure, less fussing and more profit in the business. The majority will agree that the present system is a bad one.

The cut flower trade will not be very brisk for the next month or so, and though top grade quality will always be snapped up at whatever the price, still with the exercise of some common sense and plenty of artistic ability in the majority of cases poorer grades can be used

Just at the present we are getting in the last of the outdoor flowers.

Seasonable Material.

Let us classify the week's possible business and the material. Many are getting orders for wedding decorations now. Except in a few rare cases the prices are not as high as they might be, but care should be taken to get all the people are willing to spend, and in your estimates don't say or intimate that you will do the work for nothing just for the sake of keeping you in practice. Whatever the price give the people full value;

range so as the flowers will face down; this rule applies to most vines.

Very fine effects can be got from sticking some long Clematis paniculata vines in a ball of green moss and hanging it up where it can be seen to advantage. Of course it just depends on the size of the decoration, but to do fine work you must use variety in greens, be it wild material or greenhouse grown, even more so than in the case of flowers. The background or greening is all important. Balmishes, broom corn stalks, culalias, especially E. gracillima, can often be used with splendid results; we

have covered high pillars with *Eulalia gracillima*, hiding the stems and allowing the grass to hang gracefully out, and nothing could make the same effect.

Golden rod is not being as much used as in former years, but when good and bright it is acceptable to decorate any hallway in the country; it is not the flower to put among fine paintings and delicate furnishings; keep it in the room next the entrance and away from greenhouse stock or cultivated flowers. *Gladoli*, *tritomas*, *hydrangea paniculata*, *asters*, *cannas*, *dahlias* and many beautiful wild flowers such as *Boltonia latifolia*, *B. asteroides*, *Cortopsis triferis*, *Rudbeckia triloba*, *Helenium autumnale*, *Helenium grandicephalum striatum*, *Rudbeckia speciosa*, *Helianthus helianthoides* and many others equally lovely and despised merely because they grow abundantly in our meadows and marshes; all these are obtainable and at very little cost. A wagonload of such material is merely the spending of a few hours and a few dollars in the country and is sufficient to decorate several large rooms or a church.

Many a country florist rushes to the city to purchase for the smallest orders, when, particularly in the case of funeral work or decorations, better materials can be had near his own place for the trouble of collecting it. Any man with half an acre of land, too, should be continually surrounded with enough flowers of his own to meet almost any order up to frost time. Limited grounds must be treated the same as greenhouse space; grow only good valuable flowers to cut and when one thing is over have two more to put in its place.

We forgot to remind you in its class that climbing rose foliage, particularly that of *Rosa Wichuriana* and its hybrids, is fine for decorations. Arrange the foliage as recommended in the case of clematis, and tie short roses among the foliage. Don't make the inexcusable blunder of putting two different colored roses on the one drapery, though, and if you want the flowers to last several hours stick them in Kiff's hanging glasses or rubber-capped tubes, but be careful to have the glasses hidden. Where a rose decoration of the above nature is wanted, and it is the best way to decorate, buy the poorer grade roses in the box as they come from the grower and stick them up to the necks in water for an hour or two before using; you can have a few of the finer blooms wired to stand out prominently.

Where we have a bank of roses, or mantel shelf to make, we use small potted rose plants for green and use the same variety of rose flowers to finish. You can get any variety of rose plants at places denoted in the classified ads. of this paper; and where you have fine rose work to do, be the design wreath, wreath basket or layer designs, you can do better work with good rose foliage than is possible with ferns, asparagus or other greens. Twenty-five rose plants used to advantage in a design is worth more than fifty cut roses sometimes, and many more would be used were their great value recognized. Usually the most of the greening is done after the flowers are put in; it should be done before.

Bouquets.

As to wedding bouquets there is not very much to select from. Lily of the Valley has been scarce, but the wide-awake buyer can get all that is wanted for ordinary purposes, providing he buys early in the morning. Afternoon orders

for valley could not be filled in New York last week. A limited quantity of stephanotis can be had, some gardenias, a few *Dendrobium formosum*, quite a quantity of the beautiful *Bouvardia Humboldtii corymbiflora*, and a few choice scraps suitable for side clusters. There is nothing to specially recommend for the bride's bouquet at present.

The most stylish bouquets this season will be of two shapes, one the drooping cluster spray, the other small and round with pendent spray in front; these are to be tied with the richest ribbons. The names and dates embroidered on the ends. The best and sweetest white rose is the Kaiserin, and the short thorns should be clipped off the foliage where they are to be used for bouquets.

Adiantum Farleyense will be used in every class of fine work the coming season. Whilst it will not do to have this beautiful fern appear cheap, or have the small-hearted customer have some of it thrown in with every few cents' worth of flowers, yet every store doing any size of a business will do well to have a few plants in the window. It enhances the value of everything. It is a necessity in the up-to-date store.

Funeral Work.

Funeral work constitutes the greater part of the trade at this time, and in the majority of cases the florist can, if he goes the right way about it, recommend and use any flower he chooses. The customer usually selects the design and requests the use of "plenty of roses." All this can be done and still use any flower for groundwork. Roses have recently been purchasable for \$2.50 per thousand; fairly good stock can be had now at \$1.00 per hundred, and whilst these prices prevail designs can be made entirely of roses at a small figure. It requires about 200 of such roses to properly make a 20 or 24-inch wreath, providing you use plenty of their foliage for greening. Where *adiantum* is used less roses are needed. In funeral work there is more chance to use up poor grade flowers than in any other section of the business.

Asters have been a great failure in New York this season; with a very few exceptions the quality of flowers has been poorer than those sent to any other city's market; some blame the seedsmen and others the narrow bargaining-driving growers; anyhow, New York's asters are a disgrace. These flowers are a necessity for two months, and it is bad business not to get the very best and cultivate them with care. Beautiful wreaths can be made with purple asters. We use five hundred medium flowers to a 30-inch wreath and tie a broad bow of the same color or white taffeta ribbon. The same can be done with white asters. They are the best flowers to recommend for shipping long distances or for use in cemetery designs. The flower may look common or cheap, but a properly made wreath will look as well, if not better, than one of any other flower.

Immense quantities of double tuberoses are coming in, and except for use in base work or in the designs ordered by poor people there is not much demand for them. The single tuberoses can be used to much greater advantage, but are not generally grown. *Hydrangea paniculata* is plentiful; it is now bringing about \$2.00 per 100. For cheap work we highly recommend this flower; a 2-cent head properly stemmed can cover a square foot of surface; it is the

cheapest groundwork flower on the market.

Double white altheas and double white petunias are also used for groundwork, and cost 25 cents per 100. White dahlias are coming in in quantity, soon to be followed by the chrysanthemum. Where cheap funeral designs are wanted, variety of flowers, even though they be poor, will greatly add to the value; in this way where a solid mass is used for first flower, small sprays of candytuft, feverfew, carnations, water lilies, or any other white flower, will help show off.

Solid work doesn't mean pancake or pudding-like things; they can be made just as attractive as the carved marble. The florist who insists on every one of his customers taking the ultra classical from his own standpoint is, to say the least, foolish, and on the way to do a subdued trade. We may incline to certain ideals but must respect the opinions of customers. Might as well try to force a newsway to choose a Wagnerian creation in preference to a cake-walk as to make some people take one design or flower where they want another. No harm for you to propose, but don't insist.

We regret the color lines in funeral flowers are not more generally recognized. There is a tendency to work off any old thing or color despite appropriateness. We often wonder if people who do this know the difference or that they merely disregard the opinions and nerves of their customers.

Material for flat bunches is not plentiful outside of roses. Lilies are confined to a few *L. speciosum*, but fine work can be done with even poor grade roses. You can make a new funeral bunch this way: Wire your roses and tie them up into several long, graceful sprays; get some steel wire, cut into desired lengths and bend to curve out from each end; green these well with any light vine, or preferably rose foliage; tie your sprays to the wires and have the center of the bunch quite heavy; finish with broad bow of ribbon at each side.

The general run of cut flowers is improving every day now, and the early bird can always pick up something choice to offer special trade. Liberties are going to be scarcer next winter because many growers became impatient with it and discarded it. Beauties are plentiful and fairly good. Do all you can to encourage growers to furnish variety. Even if you cannot sell them every day, a few Testouts, Perles, Carnations, Watevilles, Simsets, Bon Silenes, Papa Gontiers, Golden Gates, or any other kind will add value to the tiresome Bridesmaid, Bride, Meteor and Beauty, and if there is any trade at all variety can always be used. On the buyer and the artist depend much of the future of floriculture; they can and do kill the chances of many a worthy new flower; yes, many a good thing is driven from the market by hasty judgments or lack of foresight. The only safe way for the introduction of novelties is to seek the patronage of some influential florist or flower lover for their pets.

Notes.

Last week we had the very great pleasure of escorting through the New York markets Mr. and Mrs. Phil Hansworth and Miss A. Kreiting, of Chicago. It happened to be the days before the Jewish New Year. Very little stock was to be seen, and such as it was these distinguished visitors assured us that



The Home Grounds of a Landscape Gardener.

finer flowers, particularly in asters and Beauties, were obtainable in Chicago. Flowers such as gardenias, cattleyas, valley, and a few things like tritomas, Bonvardia Humboldtii, and, very strange to say, Hydrangea paniculata, were of special interest in the way of quality to them. According to them there is room for a good nurseryman out near Chicago. Tritomas, heleniums, hydrangeas and such stock are easily well grown.

The icebox in the new store Small & Sons are opening in the Waldorf-Astoria will be operated by cold air; no ice will be used. This promises to be the system of the future, as it is cleaner, more economical and produces better results. Our Chicago visitors were greatly impressed by the practical test shown them in the cooling rooms of the great hotel.

At this writing the whole nation is plunged into deep grief at the death of the President. It is a great blow to the florists' trade. There will be dull times for the next month, but there is no cause to imagine any great permanent panic. The man who takes advantage of the present sorrowful situation to run down the stock market is a fit companion to Czolgoz. Times like the present need true patriotism and common sense. Don't talk of bad times; show some manliness and keep at least the plant and cut flower markets steady.

IVEGA.

Don't FORGET that you will find all the best offers all the time in our classified ads., and that you can there quickly find what you want if it is in the market.

Death has claimed the chief executive of this "Land of the Free" and by the hand of an assassin a blow has been struck at the foundations of the best system of government civilization has yet produced. It will be useless repetition for us to attempt to eulogize the man in whom a majority of the American people have twice expressed their supreme confidence. All are familiar with his abilities as a statesman and the purity of his private life.

By the time this has appeared in print the mortal remains of William McKinley will have been returned to the bosom of Mother Earth with all the honors that a sorrowing people can bestow.

We must then turn to the future, and though we may feel that the ship of state has lost one of the ablest pilots it has ever had, we can but have the greatest confidence in the man whose hand is now upon the helm. In Theodore Roosevelt our late lamented president will have an able, wise and conservative successor. The American people are exceedingly fortunate that in our vice-president we had a man of such great abilities, and we feel safe in predicting that the period of prosperity the country is enjoying will suffer no check during his administration providing it can be avoided by any human agency.

Peace to the ashes of the great and good man who has gone, and may God guide aright the hand of him upon whom the responsibilities of government have devolved.

FUNERAL ARRANGEMENTS.

Any reader having photographs of floral tributes arranged for the funeral of our lamented president will confer a favor by sending copies of same to the REVIEW at the earliest possible date.

THE HOME GROUNDS OF A LANDSCAPE GARDENER.

The accompanying illustrations made from photographs taken at the home of a landscape gardener in Chicago indicate how one's grounds may be made attractive by the use of hardy trees and shrubs, mostly native, and with comparatively little expense. Many of the trees are oaks which have continued to flourish in spite of the frequent assurance that oaks will not stand civilization. Dogwoods, choke cherries, prickly ash and other native shrubs have also been freely used. The illustrations show some evergreens which have added greatly to the attractiveness of the place in winter. There are also a few elms, lindens and groups of willows which have been planted and ash trees which were growing when the house was built, twenty years ago. As far as possible the ridges and depressions in the surface of the ground have been retained so that the lawns have more variety of contour than one usually finds in this city.

It may be of interest to know that the grounds are cared for by one man, who devotes from one-third to one-half his time to them, and that they seem to meet the approval of many birds. Among those that adopt it as their summer home

are thrushes of various kinds, robins, orioles, rose-breasted grosbeaks, summer warblers, wrens and catbirds. Bluejays are plentiful the year round, and if they behaved as well as they looked, would be very welcome. Occasionally a scarlet tanager is seen and a pair of cardinal grosbeaks spent one whole year in the vicinity, but they have not been seen this summer.

The grounds shown in the illustrations have a frontage of 300 feet, with a depth of perhaps 150 feet, back of which are the stable, the kitchen garden and the toboggan slide.

CATERPILLARS ON MUMS.

Can any of the readers of the REVIEW tell me how to exterminate caterpillars on chrysanthemums? They are what I suppose to be the larvae of the brown-tailed moth, which has been very numerous in this section this summer. When small they are of a whitish color and as they grow they get red.

"A fellow-feeling makes us wondrous kind."

The only cure I can suggest is Paris green when hand-picking is of no avail. We used Paris green this year in the proportion of a small tablespoonful to a pail of water, and by this means poisoned a great many caterpillars. Got them down, in fact, so that the rest were got rid of by hand-picking.

I have handled mums extensively for a number of years, but I never saw so many caterpillars before, of all descriptions and sizes.

The chief point to observe in the use of Paris green is to see that it is evenly distributed and not applied strong on one place and weak on another. It will burn the foliage if too strong. Apply it all over the foliage so that when the caterpillar feeds he has to eat some Paris green also. We found we had to use it very weak earlier in the summer, or it would burn the foliage, but the foliage is harder now and should stand it better.

Possibly, also, the Paris green varies

a plant will make after the bud is taken, and further upward growth as a natural result is impossible. Day after day you can run over the same bench and still find shoots.

The suckers must be kept cut out until the bud is half-way developed. Some varieties produce a great many more suckers than others, Bonnaffon being with us one of the worst in this respect.

Insect Pests.

Grasshoppers are now most abundant and it is just now that they do the most damage, because if they eat the side out of a bud there is nothing further to be done but cut the shoot right away. The only way to catch them that I know is hand-picking in the early morning, when they are partially paralyzed after a cool night, before the sun has a chance to warm them into active life again.

When you see the young leaves drawn together over the bud, if you examine closely you will always find a small caterpillar concealed therein. He will invariably eat the bud if left undisturbed.

The army worm is very destructive to the buds some years. So far he has not put in an appearance with us. He will be found in a hole in the ground directly at the base of the plant in the day time, and at night, or some time when no one is around, he will climb up and bore a hole clean through the bud. One of these worms will cut every petal out of a fully developed flower in a single night.

Early Varieties.

The buds on early varieties are swelling rapidly, and the earliest ones, like Montemort and Fitzwygram, will soon be showing color. Syringing these varieties overhead should now be stopped; syringing any variety should not be practical, in fact, as soon as the bud bursts through the husky coverings, because if the water lays in the center of the bud, it is almost certain to cause the bud to rot. This is particularly true in the case of crown buds, which hang for a long while before developing.

There is a difference of several weeks in the time required by the crown bud to develop over the time required by the terminal, and this fact makes the crown bud a harder bud to handle, as it requires more careful treatment. B. B.

CALLADIUM BULBS.

F. A. G. asks: "How should calladium bulbs be treated and stored during winter?"

With many florists the calladium bulbs are thought to be the common large leaf calladium that we use for tropical gardening, which is generally known as Calladium esculentum, but I suspect that the inquirer refers to the fancy calladium.

First of all, the common calladium (esculentum) I have found keeps well under a rose house bench. As soon as frost has destroyed the leaves they should be cut off about six inches above the root and stored in a temperature of about 50 degrees, but a warm cellar will not do, as they shrivel up. While wanting to be perfectly dry they need the moisture that is provided in a greenhouse. Don't lay them on an earth floor or the moisture will start them growing.

The fancy calladiums, when they begin to fade, which they are doing at this date, should be gradually dried off; that is, given less water. Once a week will do very well and in a month no water at all. You can keep them for a few months



The Home Grounds of a Landscape Gardener.

brown and black and covered with hairs about a quarter of an inch long. The caterpillar gets to be about 2 to 2½ inches long.

Until three weeks ago my plants were unaffected, but since then the caterpillars have bred by the thousands. I have had five men at work continuously picking them off and destroying them, and yet we cannot get the best of them. I have used hellebore, slugshot, kerosene emulsion and fumigation, but without any appearance of killing any of them. My plants are grown on solid beds, the houses before planting were thoroughly cleaned and fresh soil used. I have one house 300 feet long and two 200 feet, with about 40,000 plants. S.

I am very sorry for your correspondent, who has been and still is infested with this pest.

some in strength. Mr. S. could use a teaspoonful first in four gallons of water and if no harm resulted to the foliage apply a little stronger. BRIAN BORU.

CHRYSANTHEMUM NOTES.

The Buds.

Buds are appearing everywhere, and they should be taken at as early a stage as possible. It is very wrong to leave the surrounding buds and shoots on the plants a day longer than is necessary to see that the central bud is perfect. Concentration is the watchword, and all the energies of the plant should be centered on the bud. Side shoots and suckers should be removed as soon as possible, and the plants will need going over several times a week to keep these down. It is wonderful the number of side shoots



The Home Grounds of a Landscape Gardener.

in the soil, laying the pots on their sides so that no water reaches them. After they are perfectly dry you can store the bulbs in dry sand or any other dry material, always keeping them in a fairly warm temperature, never less than 50 degrees, and start them up again in the month of March or April.

If grown in moderate sized pots, say 6, 7 or 8-inch, there is no better way than laying the pots on the sides under a bench and letting them remain right in the soil that they have grown in until you want to start them up again.

W. S.

THE ASTER BUG.

In a recent issue of the REVIEW you pictured a field of asters grown by the Harms Park Floral Co., of your city, which were simply perfect.

A crop of asters would be worth several hundred dollars a season to us in our retail trade if we could grow them, but we have never succeeded yet, although we have made many attempts, and this year our failure has been more signal than ever. We get along very nicely until we reach the blooming period, when the aster bug steps in, and in spite of slugshot and paris green that's as far as we ever get.

This year our troubles have been multiplied by their attacks on our field-grown carnations. We grow about 2,000 Fisher and the same number of Scott for summer bloom in the field. They usually start to bloom about the first of July and bloom till frost. They did all right till about the beginning, or rather the middle, of August, when the bugs began on them, it seemed in preference to the asters. We were between the devil and the deep sea. Slugshot seemed useless and paris green was our only alternative. We used it. The bugs disappeared for about ten days. The plants were badly burned, especially Fisher, and I notice today the bugs are back again in force.

Is there no remedy for these pests? An answer through the columns of the REVIEW would greatly oblige.

LEBANON GREENHOUSES.

Lebanon, Pa.

[Can some reader give a remedy for this pest.—Ed.]

CARNATION NOTES.

Mr. F. A. G. will find his questions regarding stemrot in carnations fully answered in my notes of last week, so I will not repeat the same thing this week.

How Many Blooms?

"How many blooms should a well-grown carnation plant produce during the flowering season?" is hardly a fair question. Carnations should not be judged altogether by the number of blooms each variety produces. A better way to put it would be: "How much ought each plant to earn in a season?" Nearly every grower knows that he cannot obtain the maximum of both quality and quantity from a plant at the same time, and that while one variety may produce nearly twice as many blooms as another variety, in most cases the difference in quality will be so much in favor of the shyer variety that the earnings will be about the same. Some of the newer varieties, however, combine these two qualities to a great extent as a result of cross fertilization, and in a very few years we will have varieties that will produce the very highest quality blooms and as many as any of our smaller flowered varieties of today could ever be made to produce.

Then again a variety may produce a large number of blooms, but at a time when there is little profit in them. Still another thing to be taken into consideration is how much room does each plant occupy. A plant that grows to perfection in a space of 8x10 inches

should not be expected to earn as much as a plant that occupies a space 10x12 inches, or perhaps even more. So the fairest way to put the question would be: "How much should each square foot of bench space earn in a season?"

It is generally agreed that a house built according to modern style and costing about 50c per square foot of ground covered should pay for itself in two years. That means that a house 20x100 feet costing \$1,000 and holding as it does just about 2,000 plants, will earn above cost of running about \$500 each season. You can figure it down to so much from each plant, if you like, but there is so great a difference between the plants, even of the same variety, that it will not be practical. Some will run ahead while others will run behind. Add to this the expense of producing the plants, running the house through the season and marketing the blooms, etc., and you will be able to tell just how much each plant on an average should earn.

The cost of running a house will vary with different growers, so you must figure that for yourself. You may be a much better manager than your neighbor, or if you have ten houses you can manage to run them more economically than you can run five. You can never figure just how many blooms it will take to bring so much money, as you can never tell just what they will bring.

These results must not be expected, though, unless you have good houses, good soil, good plants to start with, a good early start, and, in fact, you must do things in a first-class way from start to finish if you want to obtain first-class results. Many employers who hire a man to look after the growing end of the business are unwilling to do their part toward bringing about these conditions, but expect the man to grow the very highest quality of stock with perhaps fourth-class facilities, and when the stock does not grade up with their neighbor's they blame the grower for it. This is a great injustice, and often a good grower's reputation gets a black eye until the employer is found out. Of course no first-class grower will remain on such a place very long, as there are plenty of good places where good men are appreciated and treated right.

A. F. J. BAUR.

GOLDEN GATE.

I have a house of Golden Gate in good condition and blooming to beat the band, but they have a great deal of blind wood. Would you allow them to dry out for a few days and cut out the blind wood, or allow it to stay on? J. M.

The rose is so exceptionally free-blooming that cutting the crop amounts to a very sharp system of pruning. Of course pruning becomes necessary if the plants are grown on in the benches a second year. AMERICAN ROSE Co.

Washington, D. C.

If the Golden Gate roses were carried over from last season it would be advisable to cut out some of the blind wood, in fact, it ought to have been done before this.

If planted since June it is not advisable to cut out the blind wood at this time. I think it very essential for the welfare of the plant and the future crop of buds that the foliage be left on, whether on blind or blooming wood. You

want to get as much growth on your plants as possible before winter sets in, and the leaves are the lungs of the plant. I never have much blind wood on Golden Gate, nearly every branch, large and small, bringing a bud. This is one of the reasons why the Golden Gate is the best forcing rose for the florist who retails all his own product.

In making up work there is nothing finer than the small buds that come on the side shoots of this rose.

Later on when the plants have made considerable growth and have grown much together it is then advisable to cut out some of the superfluous wood, but if in cutting the buds the cutting is properly done there will hardly be any too much foliage on the plants at any time during the season.

Tiffin, Ohio.

LEWIS ULRICH.

If we were asked the value of the plants now to continue to grow on, or their prospective value, we would increase the above figures, the amount of increase depending on the size of plants, varieties of roses, carnations, etc., ability of N. A. N. as a grower, etc.

It is a question that we can hardly answer definitely; can only estimate the value as compared to what we consider the same plants worth with us.

GEO. M. KELLOR.

Pleasant Hill, Mo.

The writer states that his plants are all in first-class order. What may be in his opinion first class may not be by any means the same in the eyes of others. Then again, facilities to market the crop should have some bearing on the value.

are exceedingly liberal, and aggregate a large amount. They should bring out a large and varied display of plants and flowers.

The order of exhibition is as follows: Monday evening and Tuesday, general display of plants, fruits and vegetables; Wednesday, roses and violets; Thursday, carnations; Friday, decorative and made-up work; Saturday, chrysanthemums.

Entries should be addressed to James W. Withers, secretary to the exhibition committee, 136 Liberty street, New York, and copies of the schedule may no doubt be had from him or from the secretary of the club, John Young, 51 West Twenty-eighth street.

MR. CASEY'S VIEWS.

"I tol' ye wanst," said Mr. Casey, "that there's a man in th' flowerist thrade that can give Croker p'int on organizin' a machine, an' 'tis so. His wan wake spoh is that no matter how har-rd he makes th' machine worruk it produces nothin' fr' anny mumber iv it. But he makes thim think it do, an' th' glowin' promise iv gran' results is so close to their noses that th' rayfiction shtrikes in.

"No man iver got anny good out of it but him that pulls th' shtring, an' all he gets is th' great satisfaction iv searin' people that ain't ripe enough to understand that th' machine cuts no grass.

"'Tis cur'us how manny intelligent and intilliechool min can be impressed be the sight iv a futtygraf iv a ba-ad draham whin th'e're towld that it's a rale dhrream an' kinsequantly a dhangeraus wan.

"Iv coorse it takes some ingenooity t' git your dhirty wurruk done be a lot of min through fear of what might happen to thim shud ye tur-ru yer glowin' face awa-ay from thim, an' to make each wan think that ye own th' rist, but 'tis aisay iv ye wance get th' idee star-tred.

"'Iddication cuts no ice an' has no bearin' in th' matter. I moind wan man that ran a cimity an' shud av been dead on 'tall th' thricks iv the trade, but he's as soft as butter since he was tuk in be th' machine. He kept tur-ruing his wheel, and wance when he shipped a cog they tuk th' hoide off av him an' rubbed salt in to make him smar-rt. 'Twas all he got fr' his wurruk, but he went on tur'ruin' an' is still kapin' his wheel in tune.

"Th' introduction iv th' machine into th' flowerist thrade wud be a dhangeraus inneevashun av it projuced annything."

BUFFALO.

A City of Mourning.

But a few short days ago, the 5th, our city was in its gayest attire and all hearts beat high, for the President of the United States was spending the day at the Pan-American. He visited almost every State Building, many of which were decorated with palms, flowers and flags in his honor. He spoke to tens of thousands from a stand in the grand esplanade. Then he was the guest of the New York State Commission at a 2 o'clock lunch, where 200 men of distinction met him. As the decorations of the tables were mostly from the gardens of the Exposition we did not think it worth while to say much about it. Through the kindness of Messrs. Groff and Cowee, who donated several thou-



The Home Grounds of a Landscape Gardener.

VALUES.

Will some reader of the REVIEW give me an idea as to the right price to ask for roses and carnations growing in the benches? Also for smilax and single stem chrysanthemums.

The roses were planted from 4-inch pots about July 1. The carnations, smilax and chrysanthemums were planted about August 1 and are all in fine condition and in the leading varieties.

I do not want to sell out, but I am on the route of a new railroad, and I want some basis for a claim for losses in case we are unable to agree upon a price.

Iowa.

N. A. N.

In answer to N. A. N. will say the value of plants now is cost of plants and cost of care for two months they have been planted.

We would estimate value as follows:

Roses, 825 per 100.

Carnations, \$12.50 per 100.

Smilax, \$10 per 100.

Chrysanthemums, \$6 per 100.

Supposing all things are in A1 order and there is a sure market, I would say the following would be a fair valuation. You must remember that with exception of the chrysanthemums most of the work and expense is yet to come on these plants, and you cannot reckon on any positive crops; only their value at the time they are sold or destroyed, as the case may be. I would say if valued at this date that 20 cents a piece would be about right for roses, 10 cents a piece for carnations, 10 cents a piece for smilax, and 6 cents for chrysanthemums. I am very likely to be criticised as to these prices, but in my opinion they are near the mark and as much as I would value them if called on to do so for an actual case. Wm. SCOTT.

THE NEW YORK EXHIBITION.

We have received a copy of the schedule of prizes offered by the New York Florists' Club for the exhibition to be held in Madison Square Garden, New York, Oct. 21 to 28 next. The prizes



The Home Grounds of a Landscape Gardener.

said beautiful gladiolus, the tables were decorated principally with these flowers, with asparagus and ferns strewn the tables and among them beautiful nymphaeas of many shades. For once we borrowed some exhibitors' palms, and fine kentias and latanias from Messrs. Henry A. Dreer and F. R. Pierson made the marble palace very beautiful. A reception to the Pan-American officials and clerical staff followed in the Government Building, and beneath two splendid arcades loaned by Mr. George Troup of Forest Lawn the President grasped the hands of four or five hundred people.

It is dreadfully presumptuous of me to call this a trying and useless function, still we think it is trying with this small crowd, and what must it be at a public reception. To have heard this noble, good man talk for even five minutes would make you better acquainted with the man than to be hustled past him, as must of necessity be the case. After a visit to the Falls of Niagara the following day the public reception began in the beautiful Temple of Music, and there the lamentable crime occurred of which all the world knows and has been told in minute detail far better than I can. After days of buoyant hope and even confidence of the President's recovery the bad turn came and in twenty-four hours William McKinley, the martyr, had passed away and our city sheltered the leading men of the nation.

Your readers will be interested to know of the flowers that were sent to the house of mourning. We believe there was a sense of delicacy that forbade a too effusive display of floral tributes, and those sent were mostly, but not all, from foreign representatives. The remains were removed from the house on John G. Milburn at 12 noon on Sunday and taken to the City Hall, where from 2 to 11 p. m. a multitude passed through

The waiting crowds stood in line upwards of half a mile distant from the hall. Our beautiful Delaware avenue, down which the funeral cortege went, never before held such a mass of people. For two miles and a half people stood ten deep on each side of the street. No nobler avenue exists and no sadder procession ever passed its verdant lawns and lovely houses.

Many loose flowers were sent to the Milburn home on Saturday and the designs were sent on Sunday morning. The undertakers had entrusted to S. A. Anderson the decoration of the rotunda of the City Hall, and it was well done. A large lot of beautiful palms were used. The daily papers as usual gave a most erroneous description of the floral tributes, pillows of immortelles being mentioned. There was no pillow there, much less of immortelles.

As near as I can ascertain, and the first four I can vouch for because they came from the writer's own place, there were a five-foot wreath of Kaiserin roses and valley from President Diaz, of Mexico; a three-foot ivy wreath with large bunch of valley from the Mexican ambassador; a four-foot wreath of pink roses and valley from the Mexican commission to the Pan-American; large bunch of American Beauty roses from employes of Cary Safe Co.; a wreath of American Beauties from Senator M. A. Hanna; wreath of white roses from Col. M. T. Herrick; bunch of lilies from Helen R. Gould, Tent No. 8, Daughters of Veterans; wreath of roses and carnations from the Chilean commission; a fine wreath of roses and purple asters from the Cuban commission; an anchor of pink and white roses from George B. Cortelyou, the late President's private secretary; from Chiefs Gerouimo, Blue Horse, Flat Iron, Red Shirt and 709 braves of the Indian Congress, a wreath

of purple asters. This wreath was marked with a card which bore on its face side in Sioux tongue the Indians' tribute to the departed. On the reverse side was Geronimo's eulogy of President McKinley. A few other pieces there might have been.

Although beautiful in quality and fine in execution, you will notice there was great simplicity in the designs and an entire absence of Gate Ajars and Rock of Ages, etc. We suppose in Washington and Canton there will be many magnificent tributes from the exalted people of the earth. This (Monday) morning at 8:30, over the Pennsylvania railroad, departed for Washington President Roosevelt and the remains of the much loved William McKinley, and so ends for Buffalo this most sad tragedy, except to deal with the wretched man whose twisted brain led him to such a foul deed; but that will be entirely out of the realms of floriculture.

Pan-American Notes.

Out of respect to the illustrious dead the gates were closed tight on Saturday and Sunday. We are open today, Monday, and there is a big crowd on the grounds. Opinions differ widely as to whether our attendance will suffer or not from the sad events of the past ten days. The preponderance of feeling is that it will make no difference. We trust not, and we think not; why should it? The Pan-American was never more beautiful than at this moment. The mixed planting which surrounds almost every side of the large buildings, the pergolas and the courts, have now grown to a stately height, and the material used, if common, such as hemp, ricinus, canna, helianthus, etc., make a fine appearance. I remark with pride occasionally to a visiting brother florist that however stately and grand the architect may plan and build, the softening tints of green of our plants are indispensable, and without the foliage (the flowers could be dispensed with) the finest buildings look odd and naked.

The flower garden is in its prime. The canna beds, if I can be allowed to say it, are a little better than good, and so are many other things. The herbaceous borders and beds of Henry A. Dreer have for months been beautiful and interesting. Mr. Arthur Cowee is still keeping up a grand display of the Groff's hybrid gladioli. John Fay Kennell, of Rochester, has made a large display of his grand gladiolus "1900" and a few other varieties. This variety of Mr. Kennell's seems to be a very fine commercial flower and admired by all. Its bright scarlet with clear white throat is very striking. James Vick's Sons have made a grand display of asters in many varieties. Mr. P. Bissett, gardener to Mrs. G. G. Hubbard, of Twin Oaks, Washington, D. C., sent us a fine exhibit of nymphaeas, nelumbiums and Victoria flowers. We expect to have a large dahlia exhibit lasting ten days. Flowers are coming from many parts of the country.

Visitors within the next two weeks will see a very large specimen of the Agave Americana, or Century plant. A pair are flowering, but one was injured, while one has sent up a spike like a telegraph pole some forty feet in height. Century plants in flower are not as common in our northern states as dandelions.

The American Pomological Society

met and held their exhibitions here last week. The display exhibits by the many states is so continuous and fine that this special exhibition was hardly appreciated, although fine in itself. It brought together about 300 professors. Nearly all fruit men, you will notice, are professors. I believe they had a well attended and interesting session. It would be impossible to mention half of those to whom I had the honor of an introduction. We saw with pleasure that wonderful worker, Prof. L. H. Bailey. Among the florists whom we have lately met was the veteran John Bader, of Allegheny City; John Charlton, of Rochester; Thomas B. Meahan, of Philadelphia, left his card but we regret not having seen him; A. N. Gilchrist, of Toronto (and here let me say that there is a score of Toronto florists due here) and they had better come quick! Mr. J. H. Troy, of New York, called with a brother, who is spending a month's vacation in America, who is spending a very typical well-to-do Englishman, whom it was a pleasure to meet. In the short while I had his company I wanted to direct them how to see most and mentioned an attractive feature of the Midway, when I heard was amusing. He said: "Oh, I have seen all that in Paris, don't cher know." On getting him to give me some idea of Paris I had to hold up both hands and exclaim: "My dear fellow! You need not go to our Midway."

Mr. J. Horace McFarland is here with an assistant photographing horticultural subjects for "Country Life." Now we shall get some real artistic pictures. Mr. McFarland is delighted with all he sees here. W. S.

BOSTON.

Trade Conditions.

Not "Everything is lovely and the goose hangs high!" but "Everything is plenty and the price hangs low!" Good asters are quite plentiful at 1 cent each or less, and poorer grades are voluminous at all kinds of prices. Roses are still running very freely, a few Kaisersin touching 8 cents; best grades of other pink and white at 4 cents, with a little million of them at smaller figures. The season for red roses is really just beginning; good ones are scarce and prices are not established. Pinks are just in sufficient supply so that good ones sell readily enough at from 1 to 2 cents with just enough left to prove that the demand is supplied. Lilies, gladioli, tuberoses, candytuft and a full line of outdoor material can be had at low prices. All kinds of green material are plentiful except smilax, which is a bit off. H. M. Robinson & Co. are making a heavy drive on a huge lot of galax if taken in large quantities.

S. J. Goddard lifts the veil from horrors in the near future by bringing in a dozen white chrysanthemums on Sept. 14, upon which day three or four men also showed up with Princess Violets. Wm. Sim leaved with 1,000 of them.

The philosophy in the sale of stalls at the Park street market is to the point. Five years or so ago not all of them could be rented and half of those rented brought no premium above the regular rental. This situation kept improving yearly until last year the sale surprised every one by aggregating \$3,300 for premiums, every stall being rented and with at least a 85 bonus, the

heaviest bid being \$65.50. But this year was a record bracket indeed! \$6,733 tectotal "unearned increment!" Premiums ran all the way from \$34.00 to \$70.00 and a couple of dozen good customers were disappointed by lack of stalls. The stockholders see the point and are sitting down a big fund to be used in securing and fitting up larger quarters as soon as something suitable can be found, which in itself is quite a question when plenty of room, low rental and right situation are considered. Another argument, too, to prove that corporations have souls and that some trusts are good trusts is the fact that the directors and stockholders will invite all stall-holders to attend their annual banquet, which comes off some time in October. By judicious training a stall-holder who has paid a large premium can partially redeem himself at that time. J. S. MANTER.

NEW YORK.

Mourning for the Dead President.

This city is setting an example to the rest of the country in the way of mourning for the dead President. Every prominent building is draped, bunting and flag decorators have been working day and night to execute orders. Never since the death of Grant has such a display been seen. The principal florists have used considerable cloth to drape their windows. We regret the opportunity to show fine funeral designs has not been taken advantage of except in Fleisichman's, Thorley's and Small's. In the first window there is a large wreath of leucotoe leaves with about twenty yards of 10-inch width ribbon and repeated in a many looped bow at the top; silver lettering on the streamers. The design is very attractive. Thorley shows a large urn made of cape flowers, and Small shows the best design seen in the city for some time. A picture of McKinley is framed with leucotoe leaves and around all is an immense Roman wreath of the same material; purple cloth is loosely arranged between the frame and the wreath; the leaves are pinned onto fine netting; the work is well done and greatly admired.

Strange to say that with all the money spent on decorating the city up to this writing (Tuesday morning) there has not been over \$400 worth of flowers sent to the funeral from this city, with the exception of some work from J. H. Small & Sons, who have the larger part of the work at their Washington store. Most of the florists expected to be very lousy, but nearly all the stores were closed at 8:30 Monday night. Washington seems to have captured most of the orders, through the foreign representatives, but if they got much it was not felt on the New York market, where roses can be bought at from \$1.00 per 100 upward.

Various Items.

Every one expects business to be poor for some time to come. Officials, at least, will stop entertaining and society in general will be compelled to show some regard; nevertheless, the country's prosperity is too secure to be materially damaged, and calamity howlers will soon get tired. Great efforts are being made to keep the money market steady, and the next few weeks will tell much. It is the duty of the hour to have confidence

and fulfill obligations and all good in tentions.

J. H. Small & Sons expect to open their new store at the Waldorf-Astoria next week. They will use cold air instead of ice in their store.

Thorley will open his Fifth avenue store next week, also; George Humphreys will be in charge.

William Long went to Washington Monday in charge of some pretty wreaths from Thorley's.

A recent report from Chicago to the effect that C. F. Klunder was coming here to open a store has got the boys guessing.

Mr. Reed, of the firm of Reed & Keller, has returned from Europe full of the good things he saw there and with whatever novelties and high grade goods he could gather up for their trade.

There is not much of variety in flowers coming in. Carnations are small but bring from \$1.00 to \$1.25 per 100. Valley is scarce, so are cattelias; they bring good prices. Single violets have appeared and sell for 25 to 35 cents per 100.

Bowling.

The New York and Flatbush teams, with numerous friends, met on the New York alleys last night. There were two prizes offered, one for the highest average made by a member of the Flatbush team. This prize was a very handsome new ball given by Theo. J. Lang; it was won by P. Riley. The other prize was a new ball for the winning team. The New Yorks won the match. Flatbush seems to be out of sorts lately. If the New York boys keep on they will want to tackle the Philadelphians. Pity the Chicago Indians are so far away.

A meeting of the bowling club will be held on the Arlington alleys, St. Mark's place, next Monday night, to elect officers for the season. The scores last night were:

NEW YORK.	FLATBUSH.
Traendly.....134 134 130	McDill.....111 134 161
O'Mara.....124 117 101	Siebrecht.....141 138 128
J. Young.....131 140 140	Schnitz.....116 129 114
Burns.....137 162 133	Raynor.....140 142 151
Leutz.....129 168 168	P. Ballewode.....164 144 157
Lang.....131 144 162	Riley.....156 158 142
832 879 836	815 836 833
Total.....2,947	Total.....2,484

OTHERS.			
Sheridan.....94 101	Smyth.....164 149		
Stewart.....129 122	Dominan.....153 146		
Shaw.....119 107	Butterfield.....100		
Woecker.....143 112	Koehrs.....135		

J. I. D.

LONG ISLAND, N. Y.

There is many an occasion in American horticulture where the rest of us needs take off our hats to the German American florists, and to our mind no event could be more creditable than the thirteenth annual horticultural exhibition given by the Long Island florists under the auspices of the "Schwabitcher Sangerbund" at Ridgewood Park last week. Every good German hereabouts belongs to some society with the title of Sangerbund, and the German florists of Long Island are affiliated with the Brooklyn bund. This was the twenty-fifth anniversary of their annual outing.

The origin of this society was the failure of the crops in the old country. An exhibition was organized there and the queen was asked to come and distribute the vegetables among the poor people. This custom (though there has been less want) has been kept up by the society every year. An immense monument of



The Home Grounds of a Landscape Gardener.

vegetables (it must have contained several hundred thousand specimens) was reared in the center of the lawn. Fred Marquardt, of Middle Village, was the architect of this wonderful piece of work, and we are informed it cost \$400. About \$450 was offered as prizes for flowers, plants and vegetables. The plants and vegetables were exhibited under a large tent 100 feet by 60 feet, and the carpet and flower beds were arranged on the lawn outside. These beds were twenty-five in number and each was to be ten feet in diameter. They were all well done. The plants were generally plunged with their pots. Pity it seemed to us that this display was not made in Buffalo, for no better beds than some of those shown here could be seen in any park in the country.

John Baumann, of Middle Village, was awarded a special prize for bed of Little Giant heliotrope. Every one should know this plant; it is fine. The same exhibitor won 1st on bed of scarlet geranium, variety "John A. Doyle" (which was the best scarlet at the show); 2d, on carpet bed, where their new Alternanthera "Hermendorf" showed up brilliantly; 1st on bed of pink geraniums, with "Beaute Pelegrine"; 1st on bed of crimson geraniums, with "S. A. Nutt," and 2d on bed of scarlet geraniums with "Alphonse Ricard."

Fred Marquardt, of Middle Village, won 1st on carpet bed, 2nd on bed of celosia, which contained some very fine combs, and first on bed of salvia with "Bonfire" (a glorious sight). M. Cassidy & Sons, of Calvary Cemetery, got 1st on bed of coleus, Herman Manner, of Maspeth, 2nd prize for coleus and special on bed of foliage plants. August Schrader, of Newtown, L. I., won a special prize for bed of torenia, and 1st for bed of foliage plants; also a special for bed of seedling fancy coleus. F. Sieden-

top, Middle Village, was awarded diploma for bed of coleus. William Kalfour, Richmond Hill, a special prize for bed of flowering plants. Specht & Henke, Cypress Hills, 1st for bed of celosias which had many pretty varieties, and 2nd for bed of salvia. A. Miller, of East New York, won first on bed of cannas, which contained about 50 of the best varieties.

Wm. Parson & Son, of Flushing, put up a fine group of conifers which won their 1st prize. C. W. Ward, of the Cottage Gardens, won several first-class diplomas, one for bed of caladiums with Black Beauty canna in center, and one for bed of begonias in which several of his new varieties showed up to advantage. It occurred to us that nothing more attractive than such class of exhibits could be put up at the several shows throughout the country, and provisions should be made for such.

In the classes for palms and decorative plants exhibitors could take all the space they wanted; some of the groups covered 250 square feet. John Miesem, of Elmhurst, won 1st on group of palms. Chas. Koch, of Flatbush, 2nd, and J. L. Childs won prizes for group of caladiums and crotons.

The show was well patronized. The management of the park gives \$2,000. Admission was 25 cents. The show lasted five days. There were several attractions offered. The expense amounted to between \$4,000 and \$5,000, and the society always comes out well to the good.

A Rhine wine and seltzer to the Germans. D.

ST. PAUL, MINN.—A boy who picked and chewed a flower of the Jamestown Weed (*Datura stramonium*) became unconscious almost immediately and died a few hours later.

PHILADELPHIA.

In Mourning.

The whole country is in mourning. In this city the principal buildings are draped in black, flags are at half-mast and depression pervades the air at the loss of our chief executive. Those of us who were in Buffalo five short weeks ago find it hardest to realize what has happened.

The Market.

Briefly put, choice flowers sell, poor ones don't. All grades of Beauties move well and the best bring \$2 per dozen locally; a few very fine ones have brought \$3 on shipping orders. Brides, Maids and Meteors are \$4 per 100; a very few \$5; seconds and thirds are wasted. Choice Kaisersins bring \$6 per 100. Carnations are slowly increasing in quantity, though they are not yet plentiful. The best asters bring from \$1 to \$1.50 per 100 readily, and more could be used; poor grades are hard to sell. Valley moved briskly at \$4. Smilax is very scarce at 20 and even 25 cents per string.

Leo Niessen is receiving the first violets of the season, which are good considering the weather, and sell quickly.

There have been very heavy shipments to Washington the early part of the week; bilies of the valley were especially wanted; also Beauties, Meteors, white and purple asters and other choice flowers.

Various Items.

Wm. H. Wyatt, 236 N. Thirteenth street, had a design ordered for the President's funeral in Washington.

Joseph Heacock, Wyncote, Pa., has noticed an exceptionally good demand for palms and for Beauties this fall. He is shipping palms this week as far west as Los Angeles, Cal., and lately to Portland, Ore. He was also shipping some Beauties and Meteors to Washington for the President's funeral.

Jennings Bros. have some 30,000 feet of glass devoted to roses at Oney, Pa. Brides, Bridesmaids and Kaisersins are all looking well. The feature of the place is a remodeled range of six houses fitted with their patent iron gutters and posts. These houses contain nineteen solid beds, each about 90x5 feet, the whole containing some 8,000 plants. There being no divisions between the houses, the effect is very light; the outside walks are next the walls, making every plant a center bed plant. In most of the other houses the benches are supported by the Jennings iron frame work.

H. H. Battles has leased the entire building at 112 S. Twelfth street, where the Century Flower Shop has been located for the past two years. A rear room has been fitted up for the convenience of the growers who will there offer their stock.

Samuel S. Pennock has returned from a trip down east. He visited Pierson's place, Cromwell, Conn., and was much pleased with the splendid condition of the whole place. Mr. Pierson believes in sterilizing his soil. A bed is half filled with soil, then 13-inch steam pipes are laid the full length of the bed at proper intervals. These pipes are perforated with 4-inch holes. The remaining half of the soil is thrown in on top; then the steam is turned on and left for twenty-four hours; the pipes are

then dug out, and when ~~was~~ enough the bed is leveled and planted.

Leo Niessen is to handle the entire cut of John Burton's new rose houses during the coming season.

Edward Swayne, of Wawaset, Pa., has expressed his willingness to contract with one of our retailers for a regular supply of sweet peas every day in the year.

John C. Gracey, 2028 Columbia avenue, is pushing *Cobotium Scheidei*, which he considers a very satisfactory house plant.

Henry F. Mitchell is displaying a vase of a new white aster, "Puritan." It is a sport from *Simplex*, very double and keeps well.

John McCleary read a paper on the "Culture of Edible Peas" before the Pennsylvania Horticultural Society, on Tuesday evening. PHIL.

CHICAGO.

The Market.

Several heavy rains, accompanied by a marked lowering of the temperature, have played havoc with the supply, which has been cut down probably 40 to 50 per cent. The early part of this week overcasts were in demand and on Monday night we were dangerously near frost. The low temperature has seriously checked the cut under glass in most places and especially in those where fire heat was not employed, and the cold rains put a decided damper on outdoor stock.

At the same time demand has increased strongly and as a result there is a scarcity all along the line. A constant stream of shipping orders has been flowing into this market and there has been difficulty in filling them all. The great demand for funeral flowers at points remote from Washington and Canton indicate that many memorial services will be held on Thursday, at which flowers will be used.

Still, prices have not changed materially. The top price on Brides and Maids is still \$4, with a few extra fancy Kaisers bringing as high as \$5 and \$6. But the demand is so brisk that qualities are not so sharply differentiated and the shortening in supply seems to have cut out the under grade stock rather than the best.

In carnations the range is from \$1 to \$1.50 and anything good will bring the dollar safely, though we hear of sales of short-stemmed poor grade colored sorts at as low as 10 cents a bunch. White is in the strongest position, though good colored ones go well, too.

Asters show the effects of the favorable weather conditions badly and there are very few coming in that can be called fancy. In fact, a better price than \$1 a 100 is rare now, in spite of the strong demand for anything in the way of a flower. It is likely that we shall have no more good local grown asters, though good flowers may yet come from other sections if frost holds off long enough.

Various Items.

Among the large orders received on account of the president's funeral was one from J. M. Casser of Cleveland, to Kennicot Bros. Co., for 17,000 carnations, to be shipped direct to Canton, Ohio.

O. J. Friedman and John C. Schubert had divided between them the order of the State Street Business Men's association for designs aggregating \$720. They

were sent to Canton in a special car. Joe Bicher accompanied the designs to see that they were properly set up.

It is understood that the wholesalers generally will close at noon this Thursday.

Recent visitors: U. J. Virgin and wife and M. Cook and wife, New Orleans; J. L. Parker, Birmingham, Ala.

At McKellar & Winterson's it is now: Paint! Paint!! Paint!!!

The George Witbold Company has been doing a very heavy shipping business in palms, ferns, etc., and say that last month broke all previous records in their business experience.

Mr. Arnold Ringler, representing W. W. Barnard & Co., has arrived in New York on his way home from Europe, where he has been for the last three months.

John Mangel has a very striking and appropriate window display this week. The central feature is a portrait of our late president framed in an oval wreath of short cypress leaves with a background of various flowers arranged very tastefully. It is the work of Andrew Miller.

Mr. O. A. C. Oehmler passed through the city last week from Washington en route to Butte, Mont., where he has taken a position with the Butte Floral Company.

Mr. E. S. Thompson of South Haven, Mich., was in the city last week displaying some remarkably fine spikes of gladioli and Michigan grown hyacinth, narcissus and tulip bulbs. The gladioli included a very fine red, an almost pure white, a yellow, several excellent pinks and many of good light shades.

Present weather indications point to an early frost. But signs are of little value and though a frost may come it is equally likely that we may soon be getting out our summer clothes again.

C. C. Pollworth, Milwaukee, was a visitor on Wednesday of this week.

ST. LOUIS.

Club Meeting.

The Florists' Club held its regular monthly meeting last Thursday afternoon at 3 o'clock with President Guy in the chair. This being the first meeting of the club since the convention, many interesting talks came up before the meeting opened as to what was seen at the Buffalo position.

It was hoped that Max Herzog would have returned in time to attend this meeting so as to tell us of his travels and what he saw while abroad. We shall hear from him, however, at the next meeting.

Chairman Meinhardt, of the exhibition committee, requested that each member of the club make an effort to bring in at least one special prize for the show, which would be of great help to him and the committee in charge.

Mr. F. C. Weber resigned as chairman of the World's Fair committee, which is now composed of J. J. Beneke, chairman; C. C. Sanders and R. F. Tesson.

At this point President Guy left the chair, which he had so ably filled the past year, and the new president, Fred J. Meinhardt, was installed. All other officers were filled the same way. On retiring Mr. Guy made a few remarks for the good of the club and said he hoped that the members would lend their support to the new officers and help them build up the club and make the meetings interesting.

The sympathy of the club was ex-

tended to Mr. John Steidel of Central, Mo., who the day before, lost his residence and its contents by fire.

Mrs. M. M. Ayers and Mr. William Polst made application for membership. Mrs. Ayers is in the retail business on Grand avenue and Mr. Polst is not in the business, only a lover of flowers.

The chairman of the trustees made a call for essays for the coming fall meetings, the list to be ready by next meeting.

Mr. Trillow of Chicago and an old-time member, was a visitor and was called upon for a few remarks. Mr. Trillow responded with a few remarks on bulbs.

The second call was made on the club for 20 per cent of their subscription to the World's Fair, which must be paid at the next meeting of the club in October.

The question box contained quite a lot of interesting questions, which brought out that Frank Fillmore had the finest lot of Flora Hill carnation plants seen in a long time. This was made known by several growers who had visited his place during the day. They also disclosed the facts that E. W. Guy of Belleville, and Charles Connon of Webster Grove, would have a fine lot of Japan-grown longiflorums in bloom ready for Thanksgiving Day trade. Mr. Guy has about 400 and Mr. Connon 800, all in good condition, which were planted on July 3 for an experiment. This brought out a long discussion, which made the meeting quite interesting.

After adjournment the newly elected president took the members to Hotel Moser, where a fine spread was set for all. The health of the new president was drunk and all had a good time.

The Market.

There was a little more life in the cut flower trade the past week and a very gratifying revival is reported by all the store men. Quite a number of orders have been taken for early fall weddings, of which quite a few will take place next month.

The quality of roses that are coming into this city is very good; some fine Beauties are coming in and are sold very cheap; some good, long stuff sold as low as \$5 per 100; Brides, Maids and Meteors average from \$1 to \$4 per 100.

Carnations are improving every day and some very fine stock was seen at the wholesale houses the past week which brought \$1.50 per 100. Asters are still very plentiful and the commission men have plenty of them to throw away. A fine lot of *Clematis paniculata* sold well last week for funeral work. Valley still sells well at \$3 and quality good. Tuberoses stalks are now in fine shape with plenty of them on hand at \$3 per 100. *Smilax* is still very scarce; none to be had in this market.

A welcomed rain the past week has done a world of good to outdoor stuff.

Mr. George R. Olney of this city has patented a new device for holding a rose or carnation on the coat which he claims can be made cheap enough to be given away with every rose or carnation sold. Mr. John Steidel of Central, Mo., was visited by fire last Wednesday which destroyed his residence and all of its contents. The worst of it all is that the insurance had expired a few days before and was not renewed. John and his wife have the sympathy of the trade.

Mr. Felter, on Lexington avenue, and Mr. Bruecker, on Marcus avenue, have

SAMUEL S. PENNOCK,

Long Distance Telephone.

Specialties:

American Beauties.

Lily of the Valley.

Ribbons of every shade and color.
Sample card on application.

1612-14-16-18 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

WHOLESALE FLORIST,

PHILADELPHIA, PA.

LEOPESSE!

Wholesale Florist,

WANT

IN ANY QUANTITY.
THE BEST IN THE MARKET.

Will be open from 7 a. m. until 9 p. m. after October 1.

LONG DISTANCE PHONE 3-69-09.

N. W. Cor. 13th & Filbert Sts., PHILADELPHIA, PA.

Mention The Review when you write

a fine lot of pot chrysanthemums for the fall trade.

Mrs. Vesey of Fort Wayne, Ind., is sending a fine lot of roses and carnations to this market which find ready sale at Kuehn's.

Walter Cies of Kokomo, Ind., is sending to Ellis some of his fine Kaisers and Beauties.

Dr. E. Sanders, who is a great lover of fine carnations, has again offered a special price of \$25, to be competed for at the chrysanthemum show, for his favorite flower.

George M. Kellogg's stock at Berning's the past week was large and fine, especially the Beauties.

Bowling.

The Bowling Club had out nine members Monday night and rolled five games, quite a few good games being rolled. Kuehn complained of a very sore thumb on his bowling hand and this accounts for his poor showing. Ellson came later and missed the first game; this is quite natural now. John Young could not be present, owing to the death of his mother-in-law. By next Monday all hands will be out, even Chart Sanders has promised to come. The following are the scores made Monday night:

	1	2	3	4	5	Tot.	Av.
A. Y. Ellison.....	182	168	142	194	.....	687	137
C. A. Kuehn.....	169	159	152	156	191	627	125
J. J. Berneke.....	168	160	149	155	150	733	147
Wm. Adels.....	180	141	152	134	257	767	153
J. Sturtz.....	146	127	159	144	176	752	150
F. Weber.....	113	126	117	169	.....	525	105
F. Ellis.....	151	84	93	142	.....	459	92
T. Miller.....	169	118	117	83	132	539	108
J. Kanne.....	115	118	85	.....	.....	328	66

CINCINNATI.

Various Notes.

The fall festival is now on. The flower parade took place today, and, although only a few natural flowers were used in decorating the carriages, still many of them testified to the skill of our store boys as decorators. There were some very beautiful ideas shown and the workmanship was of the best. Of natural flowers asters were most used, and they showed up very well; but the hot sun used up the roses in short order.

Business has been very good as a rule, but prices have been mostly at a standstill. American Beauties have been in best demand, with Meteors a close second. From 50 cents to \$2 per dozen is the ruling price of the former and 2 to 5 cents for the latter. Some first-class asters are still coming in from the north and are selling well at from 50 cents to \$2 per 100. It is now but a short time till the chrysanthemum makes its appearance and everyone is looking forward to its arrival with a good deal of pleasure.

George Magrie has sold his old place and all of the houses have been torn down. He intends erecting a modern plant on some land he has bought not

far from his old establishment. The plot contains about four acres, nicely situated for a florist's business.

John D. Seefrid and Miss Margaret Rhein were married last Thursday.

Mr. John Lodder of Hamilton, Ohio, has torn down a number of his sash houses and is about to erect in their place five modern houses 116x20 feet. This will make nine modern houses in his plant.

J. T. Herdigen of Aurora, Ind., was a caller.

C. J. OIMER.

MILWAUKEE, WIS.—It is reported in the daily press that an attempt is to be made by the Federated Trades to organize a gardener's union, and that the organization committee will have the assistance of the State Federation of Labor. Fred Brockhausen is secretary of the latter organization and is the one who first suggested the new union.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A section foreman on carnations and plumosis. Five houses. Fred Burkl, Bellevue, Pa.

FOR SALE OR RENT—Or will sell half interest—florist and vegetable gardening business; Pittsburg and Allegheny markets for products. For particulars address Florist, Box 143, Etna, Pa.

FOR RENT—Stocked greenhouse, 21 x 100 ft.; two-story boiler house, all new; cans of fertilizer; ill health; terms reasonable; possession given at once. Address H. J. Geiger, Columbia place, Indianapolis, Ind.

WANTED—Good second-hand pipe—300 feet of 14-inch 200 feet of 15-inch and 150 feet of 2-inch state pipe and condition. Address Poole & Parlant, Florists, Bellefontaine, Ohio.

SITUATION WANTED—As working manager on small cut flower growing establishment; number of years in one place; or would work on shares; references; state wages, etc. Address Box 28, Hunt's Hotel, St. Dearborn St., Chicago.

FOR SALE—Some 4-inch hot water pipe; guaranteed sound; 10c per foot. F. O. B. Philadelphia, Samuel J. Bunting, Elmwood ave. and 58th st., Philadelphia, Pa.

FOR SALE—World's Fair chance; old established, well located, thriving floral business in St. Louis, Mo.; splendid chance for practical florist; thorough investigation solicited. Address No. 108 Union Trust Building, St. Louis.

FOR SALE—Two Hitchehugs boilers, No. 16 and No. 17. A. Clans, Springfield, Ill.

WANTED—A second-hand hot water boiler, capable of heating 5,000 sq. ft. of glass; give description, condition and price. Wm. J. Wirt, Parsons, Kansas.

FOR SALE—35 boxes of second-hand 8 x 10 A glass, Alex. Wainhart, Hamilton ave. and Horton pl., St. Louis, Mo.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa.

Mention The Review when you write.

SITUATION WANTED—By good grower of carnations, roses, etc.; steady and sober; first-class references; good permanent place wanted; state wages; no place of less than 10,000 feet of glass. Address G. S. care Florists' Review.

WANTED—Rose grower for section; two helpers, one caretaker helper. J. F. Wilcox, 521 Broadway, Council Bluffs, Ia.

FOR SALE—One of the best located greenhouses and office in Philadelphia; surrounded by five cemeteries; a great cut flower trade and the care of cemetery lots; opposite Mt. Peace Cemetery; suitable reason for selling. Address Mrs. Dodder, 31st and Lehigh ave., Philadelphia.

FOR SALE—some extra good second hand 3-in. pipe at 1c per foot; also some guaranteed sound. W. H. Salter, Rochester, N. Y.

FOR SALE—Greenhouses, 12 miles south of Chicago Port House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$4,000. Use of 3 or 4 acres adjoining houses free of charge. Address Adams, care Florists' Review.

FOR SALE.

A fine piece of property for florists' purposes in Baltimore.

I offer for sale a ten acre lot fronting 550 feet on the north side of the New North Broadway Ave., with a frontage of 800 feet on St. George Ave. (50 feet wide), and a 50-foot ave. to the east, giving three fronts, that is especially desirable as a location for a florist. It all has excellent acreage in a 12 room dwelling and No. 1 improvements, all in good repair. The neighborhood is well built up and is only 24 minutes from the city hall, County taxes and city conveniences. Five-cent car fare; car every three minutes; all night cars. Only four squares from the cars.

Price \$15,000. Terms easy. Address BALTIMORE, care Florists' Review.

PANSY SEED GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: True package, 25c; 5c, 5c, \$1.00; 1 oz. 54 00, free by mail.

Giant of California is the largest strain of pansy in the world. Measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you.

Seedsmen's orders not accepted. (CASH.)

FLATS, \$1.00 per 100.

A. Mitting, Loomis, Cal.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale

...Florist...

DEALER IN

High Grade Cut Flowers and Supplies

We want a few more consignors of

Good First-Class Roses and Carnations

for our shipping trade, as we are headquarters for First-Class Cut Flower Stock of all kinds. We also carry a complete stock of all SUPPLIES FOR FLORISTS. New Wire Work as cheap as anybody. * * * * *

1316 Pine Street...ST. LOUIS, MO.

Mention The Review when you write

CLOSED AND OPEN SYSTEMS.

I wish to thank Mr. Gibbons for his reply to my inquiry. Was about to write and give further particulars when I received word from the company from whom I purchased the heater that they would refund the money paid for it, which action speaks for itself, so I will not trouble Mr. Gibbons further.

But I would like to know if a closed system is twice as efficient as an open one, as he states on page 251 in the article headed "Small Pipes for Hot Water." If such is a fact I might have gotten along with what I have.

Mass. C. B. Y.

Referring to the communication from C. B. Y., I have carefully re-read the communication written by me and appearing under head of "Small Pipes for Hot Water" on page 251, and do not see where I have stated that a closed system of water circulation is twice as efficient as an open system.

The statement contained in the first paragraph of the communication referred to, that circulation under a pressure system can be effectively maintained through a greater length of small pipe coils than a circulation under the open system, in the particular case referred to, through double the length of coil, is possibly that to which he refers, and on which he has presumably placed an erroneous construction.

New York. HENRY W. GIBBONS.

THE BEST.

I couldn't do without the Review, for she's the best there is, and I need her in my biz.—GEO. WRAY, Fairfield, Iowa.

Asparagus Plumosus Nanus.

A large stock of this handsome plant must be sold at once to make room for winter goods. No better plants for the money. Plant now for winter cutting. Form 3-inch pots, \$6 per 100; from 2½-inch pots, \$4 per 100.

ASPARGUS SPRENGERI. Fine plants of this valuable variety, from 2½-inch pots, \$3 per 100.

BEGONIA REX. Shift now for holiday specimens. Our stock is in good condition and consists of the best standard varieties, from 2½-inch pots, \$5 per 100.

BEGONIA INCARNATA. A Christmas bloomer and rival to Gloire de Lorraine. Very free bloomer. Strong 3-in. pot plants, well branched, \$5 per 100.

PRIMULA FORBESII (Baby Primrose). Extra fine, 2½-inch pot plants, ready for a shift, \$2.50 per 100.

NATHAN SMITH & SON, ADRIAN, Mich.

Mention The Review when you write

KANKAKEE, ILL.—John B. Faber, father of the Faber Bros. florists, came very near being killed by a train recently. He was shaking hands with an acquaintance on the train through a window when the train started. He tripped and fell under the car, from which he was pulled by a bystander just in time to save him from being crushed.

DANVILLE, ILL.—H. D. Caldwell, formerly a florist of Paris, Ill., has been appointed florist to the Soldiers' Home here, and would like to receive price lists and catalogues of plants, seeds, bulbs, etc.

ONEGO, FLA.—Mr. Alfred Lev, of Washington, D. C., has taken a position with Reasoner Bros. here. He is a young and successful fern grower and takes charge of this department of their establishment.

You will find all the best offers all the time in the REVIEW'S classified ads.

MELROSE, MASS.—The Melrose Amateur Gardeners' Society gave its thirtieth annual exhibition Sept. 9. It was fully up to the high standard of previous years, and numerous prizes were awarded. A feature was a display of 250 varieties of cactus dahlias, not for competition.

INQUIRERS should bear in mind that it is necessary to attach their real name and address to inquiries, though only initials or a pseudonym may be used for publication. We cannot give attention to inquiries from unknown parties.

Is your time of any value? If so you can save a good deal of it by looking up any stock you may want in our classified ads. It is the quickest, shortest and most economical way.

GARDNER, MASS.—A. F. Johnson, the Parker street florist, is adding to his present plant one house, 30x150.

Joseph Heacock

OFFERS THE FOLLOWING PALMS

They are home grown, strong and healthy, free from insects and disease, and are of unusual good value at prices quoted.



KENTIA BELMOREANA

		ARECA LUTESCENS.	Per doz	Per 100	Per 1000
2-inch pot.	1 plant in pot.	10 to 12 inches high	\$ 1.00	\$ 5.00	\$15.00
4	" 3 "	" 15 "	3.00	25.00	
6	" 3 "	" 20 to 22 "	9.00	75.00	
6	" 3 "	" 24 to 26 "	12.00	100.00	
8	" 3 "	" 30 to 36 "	Each	Per doz	
10	" 3 "	" 42 to 45 "	2.50	25.00	\$30.00
			3.00		

		KENTIA BELMOREANA.	Per doz	Per 100	Per 1000
2½-inch pot.	3 to 4 leaves.	8 inches high	\$ 1.50	\$12.00	\$100.00
3	" 4 to 5 "	" 9 to 10 inches high	2.50	20.00	
4	" 4 to 5 "	" 10 to 12 "	3.00	25.00	
4	" 5 to 6 "	" 15 "	4.50	35.00	
4	" 5 to 6 "	" 18 "	6.00	50.00	
6	" 6 "	" 24 "	Each	Per doz	
6	" 6 to 7 "	" 26 to 28 "	\$ 1.25	\$15.00	
8	" 6 to 7 "	" 30 to 32 "	1.50	18.00	
			3.00	36.00	

		KENTIA FORSTERIANA.	Per doz	Per 100	Per 1000
2½-inch pot.	4 leaves.	8 inches high	\$ 1.50	\$12.00	\$100.00
3	" 4 "	" 12 "	2.50	20.00	
4	" 4 to 5 "	" 15 "	3.00	25.00	
6	" 5 to 6 "	" 20 "	Each	Per doz	
6	" 6 "	" 28 to 32 "	\$ 1.25	\$15.00	
6	" 6 to 7 "	" 30 to 36 "	1.50	18.00	
7	" 6 to 7 "	" 30 to 32 "	2.00	20.00	
8	" 7 "	" 42 "	3.00	36.00	

JOSEPH HEACOCK, Wyncote, Pa. Kentia Forsteriana (Made Up Plants) 3-inch pot, 1 plant in pot, 36 inches high, each, \$3.00



Big... Bargains in Palms.

To make room quick
I will sell very
CHEAP FOR CASH.

Kentia Belmoreana.

3-in., strong, fit to shift in 4-in. \$18.00
4-in. 5-in. 30.00
5-in. 6-in. 35.00

Kentia Forsteriana

3-in., strong, fit to shift in 4-in. \$15.00
4-in. 5-in. 30.00
5-in. 6-in. 30.00

Latania Borbonica.

4-in., strong, fit to shift in 5-in. \$ 15.00
5-in. 6-in. 30.00
6-in. 7-in. 30.00
7-in. 8-in. 100.00

8000 Carnations.

Fine healthy, bushy, well grown field plants, no buds on them: F. Crocker, Scott, Gomez, G. Lord, America, Joost, Red Wave, Snow Queen, Portia Daybreak. 1st size, \$5.00; 2nd size, \$3.00. **Cash with order.** please every patron and pack carefully in **light boxes.** I guarantee entire satisfaction and big value for the money. We have three express companies—Adams, American and United States.

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PANSY—FINEST GIANTS. critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.

PANSY "BUFFALO" New Giant Fringed and Ruffled. Grand mixed, 6000 seeds, 50c.

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HARDY HERBACEOUS PERENNIALS. Field-grown plants, as follows: Coreopsis Lanceolata, Gaillardia Grand Aquilegia, mixed; Aquilegia Chrysantha, Antirrhinum, mix'd, choice colors; Antirrhinum Queens of the North, Hemocallis Flava, Hardy Pinks, 5 varieties, \$5.00 per 100. **PANSIES—**extra fine strain, large blooming, ready about Sept. 20th, 50c per 100 by mail; \$4.00 per 100 by express. Cash with order please.

CHARLES S. DUTTON, 85 W. 12th St., HOLLAND, MICH. Mention The Review when you write.

PRIMROSES and CINERARIAS.

Primrose, ready for 3½-in., \$2.00 per 100; 300 for \$5.00. Cineraria Grandiflora, \$2.00 per 100; 300 for \$5.00.

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Pansy Seed, Palms, Primulas, Field-Grown Carnations.

	Per 100
California Gold, Avondale, Joest, De Roo	
Milting (white), Mrs. A. Milting (pink)	\$ 5.00
small plants left only	
Chinese Primulas, white only, 2½-in.	1.50
New Yellow Baby Primrose, 2½-in.	2.00
Smilax, 2½-in.	1.50
Latania Borbonica, 2½-in.	4.00
Kentia Belmoreana, 3-in.	15.00
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Pansy Seed, Giant and Fancy, mixed, \$4.00 per doz.	
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Wholesale Florists,
RICHMOND, INDIANA.

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MINNEAPOLIS, MINN.

The Hail Storm.

In the recent hail storm Mr. R. J. Mendenhall had 25,800 lights of glass smashed. Quite a number of plants were ruined by the falling hail and glass. The hail stones were from the size of a pea up to an inch and an inch and a half in diameter, and they seemed as hard as stones. Some were reported as large as goose eggs, but the hail that did the most damage was nearly round, hard, and about the size of Jackson candy balls, and it fell very thickly, or close together. The next day the hail lay in rows on the north side of brick walls at 10 o'clock. In the open spaces, where plants had been bedded out, one could not tell what had been there.

The storm for cyclone, rather, and only a part of it was near the ground) was from $\frac{1}{2}$ to $\frac{1}{4}$ miles in width and 28 to 32 miles long. There were seven or eight greenhouse establishments in its track, and all of them suffered more or less.

Mr. Will had just completed a nice large house on Saturday night, and was going to fill it with carnations on Monday. Sunday night the storm came and broke all the glass, not only in that house, but in all the others. He had 25,000 carnations in the field, and none were left fit for planting. He practically lost everything. Other places suffered seriously, but the losses were not so complete as at Mr. Will's. And there were greenhouses to the right and left of the storm that did not have a light broken.

Mr. Mendenhall has more than half of his glass replaced, and if he has four or five more favorable days he will be out of danger. The plants that were injured by the broken glass and hail are recovering.

The loss by destruction of glass in the line of the storm, in dwellings, factories, etc., as well as greenhouses, was enormous. The storm raged terrifically for about 20 minutes, and in about half an hour the moon was visible and the stars were twinkling as if storms were unknown.

R.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Conard & Jones Co., West Grove, Pa., register new rambler rose Philadelphia. Crimson Rambler x H. P. Victor Hugo. This rose differs from the Crimson Rambler in the following particulars: Color more intense, crimson flowers, perfectly double to center, blooms retain their color and do not fade. It is a strong grower with bright foliage.

Also, Canna Mt. Blanc; flowers large, pure white, trusses well filled, plant dwarf, height 3-3 $\frac{1}{2}$ feet; foliage light green. WM. J. STEWART, Secretary.

DETROIT.

This city is to have a wholesale cut flower house. The Michigan Cut Flower Exchange will be opened Sept. 21 at 26 Miami avenue, with Wm. D. Jeger as manager. This exchange will prove a great convenience to the trade in this city and near-by points.

CENTERTVILLE, MASS.—William Roberts has left here, going to take charge of the estate of Mr. Wm. B. Walker, Highwood, Manchester-by-the-Sea, Mass.

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THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

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VEGETABLE PLANTS! PLANTS!

CABBAGE.—Jersey and Chas. Wakefield. Succession, Flat Dutch, Drumhead and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

CELERY.—Giant Pascal, Golden Heart, White Plume, Golden Self Blanching and other varieties, 15c per 100, \$1.50 per 1000, \$8.50 per 10,000; Giant Pascal and Golden Heart, \$7.50 per 100,000.

If by mail add 10c per 100. Cash with order.
LETTUCE.—Grand Rapids, Big Boston and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000; if by mail add 10c per 100.

PARSLEY.—Good Curled Strong Plants, 50c per 100; \$2.50 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.
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WM. DILGER, Manager.

26 Miami Ave. Open for business, SEPT. 21. DETROIT, MICH.

Araucaria Excelsa

Fine Plants, 6-in. pots, 12 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,

6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

2,000 Asparagus Plumosus,

Fine, Strong Plants, 3-inch pots, \$6.00 per 100.

Dracaena Indivisa,

5-inch pots.....\$25.00 per 100.

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Fine, strong 3-year-old field-grown White Maman Cochet, \$10.00 per 100.

ISAAC H. MOSS,

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PERISCIUM and GIGANTEUM for Christmas Blooming. Fine large healthy plants.

3-inch, \$5.00 per 100. 4-inch, \$8.00 per 100.

Asparagus Plumosus Nanus, 3-in., \$5.00 per 100.

Sprengeri, 2-in., \$2.50 per 100; 3-in., \$5.00 per 100; 4-in., \$1.00 per doz.

Cinerarias, ready for potting, from flats, \$1.50 per 100. **Chinese Primroses**, white and mixed, 2½-inch, \$5.00 per 100. Cash with order.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N. Y.

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 For Trees, Shrubs, Vines,
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Good Plants, \$4.00 per 1,000; \$2.50 per 500, f. o. b. express here. Cash with order.

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ARE YOU INTERESTED IN

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We are in a position to supply you with the best 3, 5 and 7-in. Write us for prices. Also have a fine lot of

SPRENGERI AND PLUMOSUS

in 2, 2½ and 3-inch each, ready for a shift. These will make you money.

A few hundred fine **PRIMULAS**. Write

GEO. A. KUHLMAN, Pekin, Ill.

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La France, 4-inch pots.....	\$8.00 per 100
" " " " " " " " " " " " " " " "	4.00 "
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2000 Bride Plants, 3½-inch, } \$20.00
 1000 Meteor " " " }
 600 Maid " " " } 1000.
 All Fine Stock.

BRANT & NDE, Forest Glen, CHICAGO, ILL.
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Trade packages at \$1.00. Also plants of the above strains at \$5.00 per 1000 and \$10.00 for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.
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Bouvardia Multiflora,

Pink. Strong plants from field, \$8.00 per 100, cash.

CHARLES E. MEEHAN,
 Slocum and Musgrove Streets,
 Germantown, PHILADELPHIA, PA.
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FIELD-GROWN PLANTS.

Our carnations have grown very fast the last two weeks and are now as fine and healthy as any plants we ever sold. No stem-rot, dead leaves or disease of any kind. Genevieve Lord and Crocker, \$5.00 per 100. White Cloud, Mrs. Fisher, 4.00. Albertini, Triumph, 4.00. Daybreak, Maceo, 4.00. Portia, Maud Adams, 4.00. C. H. Duhm, \$5.00 per 100.

QUEEN LOUISE.

\$12.00 per 100, \$10.00 per 100. Reports coming in show that Queen Louise has equaled or surpassed in growth all the other varieties of carnations. It is the BEST WHITE grown. J. L. DILLON, Bloomsburg, Pa.

FIELD-GROWN PLANTS

Good, healthy stock. Per 100 Mrs. Lawson 8.00 The Marquis, large plants, 6.00 The Marquis, medium, 4.00 Ethel Crocker, large plants, 5.00 Ethel Crocker, medium, 4.50 G. H. Crane, medium, 5.00 Mrs. Joost, medium, 5.00 Wm. Scott, 5.00 Olympia, 5.00 Tom Top, 5.00 Mary Wood, 5.00 White Cloud, 4.00 EVENDEN BROS., Williamsport, Pa.

FIELD-GROWN CARNATIONS.

We offer excellent, strong, bushy carnation plants of the following varieties: Triumph, Lawson, Morning Glory, Gold Nugget, Lizzie McGowan, Ethel Crocker, C. H. Crane, C. A. Eastburn, Gladys, Elm City, Mary Wood, Armazindy, John Wood, Maceo, Brad. A. WASHBURN & SONS, Bloomington, Ill.

FIELD-GROWN PLANTS

What—Norway: only a few hundred to spare, \$2.75 per doz., \$15.00 per 100; Nymph, \$1.25 per doz. Pink Genevieve Lord and Marquis, \$8.00 per 100. Sunbeam, \$1.00 per doz., Mrs. Thome, Wm. Scott, \$10.00 per 100; 2d size, \$8.00 per 100. Red—Eggs (terminal), \$12.00 per doz., 2d size, \$10.00 per 100. Hector, \$8.00 per doz. White—United Carnations, \$2.00 per doz. Fancy—Prosperity, \$5.00 per doz., \$20.00 per 100.

H. WEBER & SONS, Oakland, Md.

Now ready. Field-grown carnation plants, guaranteed to be strictly first class in every way, at \$6.00 per 100 for 1st size, \$4.00 per 100 for 2d size. Flora Hill, Aryle. Ethel Crocker, Wm. Scott. Gold Nugget, Wm. Scott. Ethel Crocker, Francis Joost. Thos. Cardigan, Crane. A. VAN BOCHOVE & BRO., Kalamazoo, Mich. 7,000 field-grown carnation plants.

Flora Hill, \$1.75 \$19.00 G. H. Crane, \$1.50 15.00 F. Trump, \$1.50 15.00 Wm. Scott, \$1.50 15.00 L. McGowan, \$1.50 15.00 A. Victor, 2d size, \$1.50 15.00 Carefully packed and guaranteed to arrive in good condition.

FIELD-GROWN CARNATIONS

350 White Cloud, 2nd size, \$15.00 per 100 400 J. Joost, 2nd size, \$15.00 per 100 150 Evanston, 2nd size, \$15.00 per 100 75 Victor, 2nd size, \$15.00 per 100 150 White Cloud, 2nd size, \$15.00 per 100 600 F. Joost, 2d size, \$15.00 per 100 25 Victor, 2d size, \$15.00 per 100 Carefully packed and guaranteed to arrive in good condition. N. GREIVELDING, Merrill Wis. CARNATIONS ALL sold except the following: Peachbloss, Ethel Crocker, Escence Chief, Flora Hill. New York, Painted Lady. Psyche, Albertini. Queen Louise, Evelina. Conch Shell, \$1.00 per 100. WALKER & McLEAN, Youngstown, O.

FIELD-GROWN PLANTS

Fine carnations at a bargain. All first size and guaranteed to give satisfaction. 200 Daybreak, 175 Triumph, 400 Dean, 225 Crocker, 250 Evelina, 250 Genevieve Lord, at \$3.00 per 100; \$25.00 per 1000. JOS. LABO, Joliet, Ill.

Field-grown carnations. Our plants are strong, healthy and free from disease. King's, Triumph. Genevieve Lord, 2d. Ethel Crocker, Olympia. Evelina, 2d. \$6.00 per 100. Maceo, Mary Wood. Jubilee, Crane. Daybreak, America. Scott, \$1.00 per 100. Cash or C. O. D. W. J. & M. S. Vesey, Fort Wayne, Ind.

FIELD-GROWN PLANTS

We offer fine, strong, field-grown carnation plants as follows: Flora Hill, \$6.00 per 100; \$7.00 per 1000 White Cloud, 6.00 per 100; 50.00 per 1000 America, 6.00 per 100; 40.00 per 1000 Crane, 6.00 per 100; 50.00 per 1000 Triumph, 7.00 per 100; 41.00 per 1000 Short, 7.00 per 100; 50.00 per 1000 Marie, 7.00 per 100; 60.00 per 1000 Send in your orders early. WETTOR BROS. Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO.

FIELD-GROWN CARNATIONS, surplus stock free from disease.

Cheap, \$5.00 per 100. Daybreak, Portia, Jubilee, Aryle. YONG & SONS CO., St. Louis, Mo.

Carnations. All fine, strong plants; 1,000 Marquis, \$7.00 per 100; \$60.00 per 1,000 1,000 Crane, \$5.00 per 100; \$40.00 per 1,000 200 Brad, \$4.00 per 100 100 Olympia, \$4.00 per 100 100 Maceo, \$4.00 per 100 GEO. A. RACKHAM, 380 Van Dyke Ave., Detroit, Mich.

5,000 fine, healthy, field-grown carnations, no loss on them. Fls. in bud. Colors: King's, Lord, America, Joost, Red Wave, Snow Queen, Portia and Daybreak, 1st size \$7.50, 2d size \$1.00 per 100. Cash. We stock light and guarantee satisfaction. CHAS. T. STEIBERT Station B, Pittsburg, Pa.

Field-grown Carnations, strong, healthy stock and carefully packed in open crates: 1,000 Mrs. Joost, \$4.00 per 100 800 Daybreak, \$4.00 per 100 400 Maceo, \$4.00 per 100 500 Crane, \$4.00 per 100 W. H. SHERK & WASHBURN, \$5.00 per 100

Carnations, fine, strong plants, field-grown and entirely free from disease. 250 Marquis and 100 Lawson, medium size, \$6.00 per 100. 600 Crane and 200 Gomez, 1st size, \$5.00 per 100. 200 Crane, 600 Joost, 2nd size, and 500 Crocker, 1st size, \$4.00 per 100. MARION FLORAL CO., Marion, Ind.

5,000 extra fine, field-grown carnation plants of Peter Joost and White Cloud at \$6.00 per 100; 2,000 extra good plants of E. Crocker at \$5.00 per 100; 1,000 Marquis at \$3.00 per 100. The above list first-class stock and guaranteed as such. Cash with order. All others sold out. GEO. E. BRONCK, Nashua, N. H.

Field-grown carnation plants. Flora Hill and Gold Nugget at \$5 per 100 or \$45 per 1,000; G. H. Crane and Marquis at \$6 per 100 or \$5 per 100. Evanston, Triumph, Tidal Wave, Armazindy, Lizzie McGowan and Wm. Scott at \$3.50 per 100 or \$30 per 1,000. Mrs. A. M. Schafer, 237 Baltimore Av., Chicago.

Carnations. Good strong plants of Daybreak, Aryle, Armazindy, White Cloud, Flora Hill, \$1.00. KENNICOTT BROS. CO., 42 Randolph St., Chicago.

CARNATION PLANTS strong, field-grown. 500 Genevieve Joost, \$3.00 per 100; \$45.00 per 1,000. Wm. Scott, \$5.00 per 100; \$45.00 per 1,000. Daybreak, \$3.00 per 100; \$45.00 per 1,000. Gen. Maceo, \$6.00 per 100; \$50.00 per 1,000. ISABELLA GREENHOUSES, Babylon, L. I. N. Y.

FIELD-GROWN CARNATIONS.

Extra fine plants of Flora Hill, Daybreak White Cloud, Gomez and Scott, \$4.00 per 100. Also 500 hundred of Maud Adams and Crane in 2d size, \$4.00 per 100. Cash with order. W. A. WETTLIN, Hornellville, N. Y.

Carnations, field-grown, clean and healthy. Crocker, Mrs. F. Joost, America, Jubilee, Flora Hill and White Cloud, \$5.00 per 100; \$40.00 per 1,000. Cash with order, please. Baur & Smith, 28th and Senate Ave., Indianapolis, Ind. BARGAIN—5,000 McGowan, field-grown plants at \$2.00 per 100; \$20.00 per 100 for 2nd size. They are healthy plants, bushy and well-topped. Also 500 White Cloud, \$3.00 per 100. A. KEITER, Parker, Ford, Pa.

FIELD-GROWN CARNATIONS.

FOR BARGAINS in field-grown carnations see adv. in this issue. GREENE & UNDERHILL, Watertown, N. Y.

FIELD-GROWN PLANTS

Strong, clean, healthy plants of Marquis, White Cloud, Joost, \$7.00 per 100, \$60.00 per 1000. 600 A. No. 1 carnation plants: Marquis, 7c; Crane, 6c; Jubilee, Flora Hill, Daybreak and Victoria, 5c. We have had fine rains and the plants are in fine shape for immediate planting. No disease. FRANK BERRY, Stillwater, Minn.

Field-grown, extra strong stock, 1000 Ethel Crocker and 600 Marquis, \$3.00 per 100; 500 Genevieve Lord and McGowan, \$3.00 per 100. A few low-grad good second-grade Marquis and Crocker—\$3.00 per 100. SCHLURAFF FLORAL CO., Erie, Pa.

Clean, healthy, field-grown stock at \$3.00 per 100; \$15.00 per 1000. 300 White Cloud, 200 Armazindy, 1000 Victor, 600 Evelina, 100 Daybreak, 200 Melba. L. L. MAY & CO., St. Paul, Minn.

Field-grown carnation plants, Wm. Scott \$2.50 per 100; Queen Louise, 2nd size, 2nd and Daybreak, \$3.00 per 100; \$25.00 per 1,000. Plants are not extra large, but are strong and healthy. Cash with order. H. W. WOUNDY, New Canaan, Conn.

Carnation plants of Flora Hill, Daybreak and Wm. Scott, \$3.00 per 100. \$25.00 per 1000. GEHRMAN OLD PEOPLE'S HOME, W. Madison St., Harlem, Oak Park, Ill.

FIELD-GROWN PLANTS

Extra fine Scott, Crocker and Cardigan plants \$5.00 per 100; \$50.00 per 1000. 2nd size Scott and Crocker, \$3.00 per 100; \$25.00 per 1000. H. G. GEIGER, Nazareth, Pa.

2,000 field-grown carnations. We escaped the drought, consequently our stock is in good shape for benching. We have all the leading varieties, lowest prices quoted on application. W. E. HALL-CLYDE, Chicago, Ill.

Field-grown carnation plants. 100 Pega, 250 Lord, 500 Crocker, 200 Armazindy, 600 Crane, 500 Triumph, 500 Daybreak and 1000 F. Hill, \$3.00 per 100. Cash with order. W. Scharnisky, Kenton, Ohio.

Strong field-grown carnation plants. 400 Ethel Crocker, 700 Mrs. F. Joost, 150 Albertini, 1000 Daybreak, 1000 White Cloud, 2nd size, 1000 America at \$5.00 per 100. Harry White, New Holland, Ind.

Carnations Jubilee, Crane, Flora Hill, Daybreak, Crocker, Marquis, \$5.00 per 100; \$50.00 per 1000. 1st size, \$5.00 per 100; 2d size, \$3.00 per 100. 400 Genevieve Lord, extra large plants, \$12.00 per 100. Crab & Hunter, Grand Rapids, Mich.

Strong field carnations for sale. E. Crocker, \$5.00 per 100. Wm. Scott, \$1.00 per 100; \$25.00 per 1000. L. E. Baylis, 32d and Market Sts., Wilmington, Del.

Field-grown carnations, California Gold, Avondale, Joost, De Roo Mitting (white) and Mrs. A. Mitting (pink), \$3.00 per 100. Only small plants left. Morris Floral Co., Morris, Ill.

MARQUIS, 5,000 strong, healthy plants. 1st size, \$6.00 per 100; \$50.00 per 1,000. 2nd size, \$4.00 per 100; \$40.00 per 1,000. Smallest size, \$3.00 per 100; \$25.00 per 1,000. CHICAGO CARNATION CO., Joliet, Ill.

Field-grown carnations. Hill, Joost, Victor, Armazindy, Evanston, \$5.00 per 100. Crocker, \$6.00 per 100. Lord, \$7.00 per 100. Elm City, \$8.00 per 100. Estelle, \$8.00 per 100. DAN'S HURD, Ocean, N. Y.

Carnations, fine, healthy, field-grown Scott and McGowan, \$3.50; Lord, \$5.00; White Cloud, Gold Nugget, Crane and Gomez, \$4.50 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Carnations. Good healthy plants. Lord Scott, 1,000 White Cloud, 500 McGowan, 500 Cardigan, \$3.00 per 100. Cash with order. Address: Howard P. Kleinbusch, Easton, Pa.

Fine field-grown plants of Marquis, E. Crocker, Alma (new rose pink), Genevieve Lord at \$6.00 per 100; Armazindy, \$5.00 per 100; C. H. Merck, 1st St., Monticello, N. Y.

GODENOUGH, the most profitable white carnation; also Scott, Crocker and Joost. Good field-grown plants. Sidney Littlefield, No. Abington, Mass.

Carnations. Field-grown Eldorado, Helen Keller, Portia, Mary Wood, Flora Hill and America. Good plants, \$4.00 per 100. James McLean, Clarksville, Tenn.

FIELD-GROWN CARNATIONS.

Write for varieties and prices. W. P. KASTING, 481 Washington St., Buffalo, N. Y.

SURPLUS CARNATION PLANTS.

200 Ethel Crocker, large plants, 2c; 150 Jubilee, 2c; 50 Melbors, 2c; Sunny-side Greenhouses, Owasco, Mich.

CARNATIONS—Continued.

8000 field-grown carnation plants: Crane, Ethel Crucker, Joost, Daybreak, Hill and Gold Nugget, \$5.00 per 100. Carl Kauh, Springfield, Ill.

Thrifty field carnations, with plenty of roots ready now. All the best varieties.

Geo. Hancock & Sons, Grand Haven, Mich.

23,900 Wm. Scott carnation plants for sale, \$25.00 per 1,000. Cash with order. Herman Anderson, Hay Side, Long Island.

Carnation CRUCKER, large and healthy, \$4.50 per 100; \$35.00 per 1,000. Cash. S. J. Reuter, Westery, N. J.

Carnation Mary Wood, field-grown, 500 good, strong plants, \$4.00 per 100. Cash. John Milne & Son, Fairbury, Ill.

Carnation DOROTHY, field-grown plants, \$10.00 per 100, \$75.00 per 1,000. E. T. GRAVE, Richmond, Ind.

Healthy field-grown Scott Carnations, \$20.00 per 1,000. H. D. Darlington, Flushing, N. Y.

2,000 fine field-grown Wm. Scott, \$5.00 per 100. W. C. Fray, Kinkora, N. J.

For carnations write F. Dornier & Sons Co. La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums. Mrs. J. Jones, Yellow Jones, Mrs. Weeks, Mutual Friend, Glory of Pacific and Mrs. Ross, Grand Haven, Mich. 5 to 7 in. pots, 15c and 20c each. Cash. F. W. Meyer, Muncie, Ind.

Mums—Field-grown, bushy plants. Bonafant, Robbison, Ivory, \$2.25 per doz.; \$18.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

Some fine plants from 2½-in. pots, our selection, \$2.00 per 100. H. Weber & Sons, Oakland, Md.

Chrysanthemums, 5-in., 6c; 4-in., 3c. A. Claus, Springfield, Ill.

CEREUS.

Cereus grandiflorus, *C. nyctagineus* (night-blooming), *C. triangularis*, *C. flagelliformis*, rooted cuttings, 65c per doz.; good plants, \$1.00 to \$1.25. Cash. Mrs. M. E. Patterson, Glendale, Cal.

CINERARIAS.

Cinerarias, from flats, \$1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cineraria grand, \$2.00 per 100; 300 for \$5.00. J. W. Miller, Hatton, Pa.

CLEMATIS.

CLEMATIS PANICULATA, good strong stock from 3-in. pots, \$10.00 per 100. C. YOUNG & SONS CO., St. Louis, Mo.

COLEUS.

New Bedding Coleus Russet. Fine contrast with red and yellow Verschaffelti. Fresh-colored seedling of my own raising, entirely novel in color, being a bright russet, splendid border. 2½c each; 6 for 10c. Larger quantities special price. W. T. James, 129 Jamaica Av., Flushing, N. Y.

Coleus. Golden Bedder, Crimson Verschaffelti and others from 2½-in. pots, \$1.00 per 100. Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus, 2-in., \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

CYCAS.

CYCAS REVOLUTA, 1 pair, from 20-in. pots, leaves nearly 3 ft. long, worth \$25.00 each; the pair for \$40.00. Mrs. L. P. Seaton, Richfield Springs, N. Y.

Cycas. Ask for special price list. BOBBINK & ATKINS, RUTHERFORD, N. J.

CYCLAMEN.

Cyclamen grand apl. Special fine strong plants in 3-in. pots in different colors, \$7.00 per 100. Will give good satisfaction for Christmas. J. H. Fleisser, West Hoboken, N. J.

Cyclamen. Persicum and giganteum for Christmas blooming; fine large plants, 2-in., \$2.00; 4-in., \$8.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen plants, extra fine, strong stock, \$10.00, \$15.00 and \$25.00 per 100. Lehnig & Winnefeld, Hackensack, N. J.

CYPERUS.

Cyperus alternifolius, 5-in., good, \$2.00 doz. John H. Ley, Good Hope, Washington, D. C.

DRACÆNAS.

Dracaena Brantii, as hardy and as useful as a Rubber plant.

5-pot	1 high	Each. Dozen.
6-pot	1½ to 18 in.	\$0.35
6-pot	1½ to 21 in.	50
6-pot	1½ to 21 in.	50

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Dracaena Lindenii or Massangensis, 4-in. pots, \$3.00 doz.; 6-in., \$5.00; 8-in., \$7.00. All fine plants, well colored. John H. Ley, Good Hope, Washington, D. C.

Dracaena indivisa, 15 to 20 inches high, field-grown; ready for 6-in. pots, \$15.00 per 100. McAllister & Co., Batavia, Ill.

Dracaena indivisa, 6-in. pots, strong, \$3.50 per doz. \$25.00 per 100. Ruxton Floral & Nursery Co., Ruxton, Md.

Dracaena indivisa, from 6-in. pots, 24 to 30 inches high, \$2.50 per doz. Charlie E. Clark, Woodbury, Maine.

DRACÆNAS 1 pair, 6 ft high, 16-in. pots, \$12.00 pair. Mrs. P. Seaton, Richfield Springs, N. Y.

Dracaena indivisa, 5-in. pots, \$25.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Dracaena indivisa, from field, 18 to 24 in., \$1.00 per doz. \$10.00 per 100. Cash or O. D. H. W. Field, Northampton, Mass.

Dracaena indivisa, 2½-in., \$2.50 per 100. Hardy white onions. Beaulieu, Woodhaven, N. Y.

ERICAS.

Erica a specialty. Anton Schultzeis, P. O. Box 78, College Point, Queens Borough, New York City.

FERNS.

Special FAVORITE PRICES on the following well-grown, healthy stock:

Nephtrolepis Bostoniensis, pot-grown 5-in.	Pots, 100
Nephtrolepis Bostoniensis, pot-grown 6-in.	\$20.00
Nephtrolepis Bostoniensis, pot-grown 8-in.	\$30.00
Nephtrolepis Exaltata, 2½-in., select.	3.00

Forest City Greenhouses, Rockford, Seed Farms. H. W. BUCKBEE, Rockford, Ill.

Adiantum cuneatum, 4-in., \$10.00 per 100. Nephtrolepis hirta cristata, 2½-in., \$10.00 per 100. N. cordata compacta, 3-in., \$3.00 per 100. Boston ferns from bench, suitable for 4 and 5 in. pots, \$5.00 and \$20.00 per 100. Cash with order.

CHAS. SCHWIBERT, Niles Center, Ill.

Boston ferns, pot-grown, very bushy from pot up to 6-in. pots, 25 or more fronds; 6-in., 6-in., 40 or more fronds, 60c; 8-in., \$1.25; 9-in., \$2.00. These are magnificent and sure to please. Buy twice the price of bench-grown plants.

John A. Baldwin, Newark, Ohio, Cash, please. A. J. Baldwin, Good Hope, Washington, D. C.

100 choice ferns, from flats, mailed for \$1.25; \$10.00 per 1000 by express. Ten best sort—daxallia, adiantum, pteris, lomaria, nephrodium, cyrtidium, etc., etc. Put a 2-in. pot at once and make fine plants by autumn. John H. Ley, Good Hope, Washington, D. C.

FERNS. Over 500,000 of all the leading varieties now ready for distribution, fine young stock. Our selection, \$3.50 per 100; \$30.00 per 1,000.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Pteris serrulata, 2-in., extra fine, 3c. Adiantum cuneatum, 2-in., nice young stock, 3c. Just for fern dishes and pans, full of fronds from the pot up to 6 in. A few swordes, 2½ and 4-in., at 2½c and 3c. N. O. Caswell, Delavan, Ill.

Boston Ferns. Grand specimens: 10-in. pans, 100 masses of 5- and 6-foot fronds, \$3.00 each; pair for \$5.00, \$1 for any exhibition. Other sizes at \$1.00 to \$2.00 each. John H. Ley, Good Hope, Washington, D. C.

Hardy ferns for cultivating. Try them in your planting; they will thrive, and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

12 climbing ferns (lygodium), \$5.00; 6-in. pots, on 5 to 6-ft. strings, for cutting or decorations. Very cheap. Make three growths in season. John H. Ley, Good Hope, Washington, D. C.

Boston Ferns. In fern pans, from 6 to 10 in., \$1.00 per doz., according to size. Also a nice lot in bench, all sizes, \$3.00 to \$25.00 per 100. J. G. D. Newton, 110 Park St., Hartford, Conn.

Boston ferns, fine 2½-in., \$3.00 per 100; 4-in., \$8.00 and \$10.00 per 100. The McGregor Bros. Co., Springfield, O.

For list of varieties and prices see our display ad. In this issue. The Geo. Wittbold Co., 1637 Buckingham Place, Chicago.

Boston ferns from 2-in. pots, \$2.50 per 100; 3-in., \$4.00 per 100; from bench ready for 6-in. pots, \$1.50 per doz. Nephtrolepis Wittboldii, 4-in. pots, \$2.00 per doz. Davis Ilex, Morrison, Ill.

50,000 Boston ferns. Small plants, \$5.00 per 100; \$40.00 per 1000. Large plants, \$5.00 to \$20.00 per 100 taken from bench. Extra fine stock. Wm. A. Hoek, North Cambridge, Mass.

Nephtrolepis Philadelphiae, fine as a pot plant in small sizes; 6-in., large and full, \$4.00 doz.; 8-in., \$6.00 doz. John H. Ley, Good Hope, Washington, D. C.

Boston ferns from benches, ready for 6 and 6-in. pots. Fine plants, \$2.50 per doz; \$20.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

Boston ferns, extra fine stock, 6-in., 25c; 6-in., 25c; 8-in., 50c; 9-in., 75c. Polaris Floral Co., 1150 No. Hamilton Av., near Fullerton and Leavitt, Chicago, Ill.

Boston ferns, all sizes. Ask for special trade list.

BOBBINK & ATKINS, RUTHERFORD, N. J.

100 Boston ferns, all for 5-in. pots, mailed for \$2.50; \$20.00 per 1,000 by express. John H. Ley, Good Hope, Washington, D. C.

Boston Ferns. Large plants ready for 6 and 8 in. pots, \$15.00 per 100. Cash or C. O. D. H. W. Field, Northampton, Mass.

Boston ferns from 10 to 50c. These plants are extra good value; bushy and very full. L. H. Stanton, Marquette, Mich.

Adiantum cuneatum, 100 6-in., \$12.50; 100 4-in., \$10.00. Ruxton Floral & Nursery Co., Ruxton, Md.

Boston ferns. We have a fine lot of 6 and 7 in. Geo. A. Kuhl, Pekin, Ill.

FORGET-ME-NOT.

Blue Forget-Me-Nots, valuable for Memorial Day and forcing, \$1.00 per 1000. Hugo Book, Worcester, Mass.

If you read these advs. others would read yours.

GERANIUMS.

Geraniums. Strong plants of the following varieties, 2½-2-in. pots, sizes named, at \$2.25 per 100, \$20.00 per 1,000: S. A. Nutt, Frances Perkins, Alf. Ricard, Grant, Mrs. E. G. Hill, Mrs. J. M. J. Peck, Mrs. J. M. J. Peck, Mrs. La France, Athlete, La Favorite and Mrs. J. M. Gaar.

Wm. A. Hoek, Plant Co., Springfield, Ill.

Geraniums. Fine northern growth stock of S. A. Nutt, Bruant, Mme. Jaullin, Mrs. E. G. Hill and J. J. Harrison, \$1.25 per 100; \$11.00 per 1000. Mailed, \$1.00 per doz.; \$8.00 per 1000. Delivered after Sept. 20. Order now. Satisfaction guaranteed. E. B. Blair, Charlevoix, Mich.

GERANIUMS, mixed varieties, all leading sorts, 4-in. pots, \$4.00 per 100. Mrs. L. P. Seaton, Richfield Springs, N. Y.

Geraniums, 2-in., \$1.50, 3-in., \$2.50 per 100. E. I. Rawlings, Quakertown, Pa.

GLADIOLI.

CRAWFORD'S STANDARD MIXTURE is a superior mixture, as it contains all the colors usually sold under separate classes and is unusually strong in "whites" and "lights." We offer this stock in small sizes (¾ to ¾ in. diam.) for delivery this fall, express prepaid, at the following rates, cash with order:

50,000 to 100,000 at \$1.25 per 1000.
100,000 or more at \$1.00 per 1000.

Experienced growers know the value of this small stock because of the rapidity with which it increases.

We have with one exception the largest stock of GROFF'S HYBRIDS in the country. Prices on application.

CRAWFORD CO., Cayahoga Falls, O.

Fine cut blooms of Augusta, May, Eugene Scribe, Grand Rouge, Seedling No. 1900 and mixed. John Fay Kennel, Box 405, Rochester, N. Y.

HARDY PLANTS.

Baltimore Nurseries. Wholesale and Retail. We offer for fall 1904 and spring 1902 a full line of fruit, shade and ornamental trees, shrubs, Evergreens and Roses, Japan Pear Seedlings, Peach pits. Dealers' trade a specialty. All stock fumigated and free of disease. Send us a list to grow with. Franklin Davis Nursery Co., Baltimore, Md.

Hardy herbaceous plants, including lilies, orchids, water plants, hardy pinks, delphiniums, digitalis, Heuchera sanguinea, etc. Catalogue sent. Edw. Gillett, Southwick, Mass.

25 elms, 3 to 5-in. caliper; fine specimens, with well developed roots and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morristown, Bucks Co., Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

HARDY HERIACEOUS PLANTS.

Table listing various hardy heriaceous plants such as Achillea, Adonis, Agrostema, and others with their respective prices per pot or dozen.

Single Hollyhock seeds, cerise, pink and black, mixed, 50c per oz., 10c per pkt. Mrs. Brigham, Brigham Hill Farm, No. Grafton, Vt.

I have for sale a fine stock of the hardy lily Tenulifolium. F. H. Burdett, Clifton, New York.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

HELIOTROPE.

50 4-in. heliotropes, bushy plants, 6c each or \$2.50 for lot. A. Brumley, Birmingham, Iowa.

Heliotrope, 3-in., \$3.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

LILY OF THE VALLEY

Lily of the valley, home-grown stock, \$2.00 per 1000 pds.; \$20.00 per 1000. Wm. A. Finger, Hicksville, L. I., N. Y.

MUSHROOM SPAWN.

We handle nothing but Barter's mushroom spawn. What is all your cost of manure and labor worth unless you have a good quality.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

MYRTLE.

Field-grown, flowering myrtles, nice bushy plants 10 to 14 inches high, \$30.00 per 100 rooted cuttings of the same, \$1.50 per 100. Cash with order.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in short and spike. Correspondence solicited. Lager & Hurral, Summit, N. J.

Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PEONIES

Peonia chinensis, in mixed colors, 2 in year-old stock, \$1.00 per \$3.00 per 1000. Peonia officinalis rubra, the best for florists-use, small 1-year-old stock, \$3.00 per 1000. Wm. A. Finger, Hicksville, L. I., N. Y.

Peonies, red, scarlet, pink, white, assorted, strong field-grown clumps, \$3.00 per doz. Strong divided clumps, \$15.00 per 100. Write book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Peony roots at 1c per stem as shown on clump; their seed leaves still attached during Sept. and Oct. Colors, rose, pink and red. Brandt & Nee, Forest Glen, Chicago

Peony roots, order now for fall delivery. Large field-clumps, \$25.00 per 100; strong divided roots, \$10.00 per 100. Chicago Peony Farms, Joliet, Ill.

Peonies, light pink, \$4.00 per 100; \$15.00 per 1000. Tree peonies, \$10.00 per doz. Gilbert H. Wild, Saratoga, Mo.

Peonies, selected kinds for florist use, v. low by the 100, 500 or 1,000. F. A. Bailor, Bloomington, Ill.

PALMS, ETC.

The palms offered below are perfect, most of them having their seed leaves still attached. Proof in itself that the plants are grown properly. They are stocky, clean and of good color.

LATANIA BORBONICA. 12 100. 5-in. pots, 5 to 7 leaves.....\$ 6.00 \$ 40.00 7-in. pots, 7 to 9 leaves..... 10.00 70.00 7-in. pots, 7 to 9 leaves..... 22.00 90.00 8-in. pots, 9 to 12 leaves..... 12.00 175.00

KENTIA BELMOREANA. 12 100. 4-in. pots, 6 leaves.....\$ 5.00 \$ 40.00 5-in. pots, 7 leaves..... 10.00 70.00

KENTIA FORSTERIANA. 12 100. 4-in. pots, 4 to 5 leaves..... 4.50 35.00 3-in. pots, 5 to 6 leaves..... 7.50 60.00

WALTER RETZER & Co., 2045 Clarendon Ave., Phila.

To quickly make money sell cheap for cash the following: KENTIA BELMOREANA, 3-in., \$18.00; 4-in., \$33.00; 5-in., \$55.00 per 100. KENTIA FORSTERIANA, 3-in., \$15.00; 4-in., \$30.00; 5-in., \$50.00.

LATANIA BORBONICA, 4-in., \$5.00; 6-in., \$30.00; 6-in., \$30.00; 10-in., \$100.00. Good, strong, healthy stock and all ready to ship.

We pack light and guarantee satisfaction. CHAS. T. SIBBERT, Station B., Pittsburg, Pa.

PALMS—We desire to call your special attention to the list of plants enumerated below, which at this time are in an unusually fine condition:

Table with columns: AREA, PLANTS, LUTESCENS, High, 12, 100. 2 inch.....2 in pot 10 to 12 \$1.25 \$10.00 6 inch.....3 in a pot 29 9.00 75.00 6 inch.....3 in a pot 24 12.00 100.00 8 inch.....3 in.....20 to 25 22.50 240.00

COCOS WEDDELIANA. Cocos this season is again scarce. Our stock is in fine condition. We offer good 6-in. pots 10 to 12 inches high, at \$25.00 doz.; \$20.00 per 100.

KENTIA BELMOREANA. Pots. Leaves. High. 12, 100. 2 1/2 inch.....4 to 5 15 \$1.50 \$12.00 3 inch.....4 to 5 10 to 12 3.00 25.00 4 inch.....5 to 6 15 4.50 35.00 4 inch.....5 to 6 24 to 26 12.50 115.00 6 inch.....5 to 6 24 to 28 15.00 120.00 7 inch.....5 to 6 20 to 22 9.00 75.00 8 inch.....6 to 7 20 to 26 2.50 30.00

PHOENIX RUPICOLA. A fine lot of 4-in. pots of this the most beautiful of all the Phoenixes, just showing character, \$4.00 per doz.; \$30.00 per 100.

KENTIA. Pots. Leaves. High. 12, 100. 2 1/2 inch.....4 to 5 15 \$1.50 \$12.00 3 inch.....4 to 5 10 to 12 3.00 25.00 4 inch.....5 to 6 15 to 18 4.50 35.00

Latania Borbonica, 4-in., \$5.00; 6-in., \$30.00; 6-in., \$30.00; 10-in., \$100.00. Good, strong, healthy stock and all ready to ship.

We pack light and guarantee satisfaction. CHAS. T. SIBBERT, Station B., Pittsburg, Pa.

Peonies, light pink, \$4.00 per 100; \$15.00 per 1000. Tree peonies, \$10.00 per doz. Gilbert H. Wild, Saratoga, Mo.

Peonies, selected kinds for florist use, v. low by the 100, 500 or 1,000. F. A. Bailor, Bloomington, Ill.

The palms offered below are perfect, most of them having their seed leaves still attached. Proof in itself that the plants are grown properly. They are stocky, clean and of good color.

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PALMS - Continued.

LATANIA BORBNONICA. 2000 cheap for cash. Inch inches No. Price. Per 100. Per 1000. 3 to 10 3 to 4 \$0.05 \$0.35 \$4.00 \$38.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders amounting to \$5.00.

W. J. HESSER, PLANTSMAN, 17TH, NEB. Pandanus Veitchii, 4, 5 and 8 in. pots, Draecena Fragrans, 4, 6 and 8 in. pots. Prices on application. Ruxton Floral & Nursery Co., Houston, Mo.

SAUGO PALMS. Nice plants in fine condition from \$1.00 to \$1.50 each, pot included. Buy south and save express. John R. Law, Columbus, Miss.

Pandanus Veitchii, 6-in. pots, \$1.00 each; \$12.00 per dozen; 7-in., \$1.50 each, 8-in., \$2.00 each. John Welch, Florist, Greenwood, Pa.

Palms, per 100: Latania borbonica, 2 1/2-in., \$4.00, Kentia Belmoreana and Forsteriana, 3-in., \$15.00. Morris Floral Co., Morris, Ill.

For list of varieties and prices see our display adv. in No. 47. Also see our display adv. in 1857 Buckingham Place, Chicago.

60-5 in. Latania borbonica, 5 to 7 leaves, \$3.00 per doz.; \$30.00 for lot. A. Brunley, Birmingham, Iowa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

PANSIES. Try a few hundred of mine, alongside of any other strain grown for comparison; we will both be the gainer by this trial, for you will have found the very best pansies and I will have gained another regular customer. Plants only. I spend too much care and money on my seed to offer it at anything like the ruling prices. Free by mail 25c. per 100 or 50c. for \$1.50; by express at your expense, \$4.00 per 1000; 25c. for \$100. A. M. Herr, Lancaster, Pa.

Pansies of an extra fine, large-blooming strain, 6c. per 100 by mail, \$2.00 by express. Cash, Chas. S. Dutton, 5 West 12th St., Holland, Mich.

Zirngelbe's GIANT pansy plants, \$5.00 per 100 and \$10.00 for FANCIES. They are equal to any we ever sent out. Denys Zirngelbe, Needham, Mass.

Pansy plants. A nice mixture of the finest strains, 6c. per 100 by mail, \$2.00 by express. Converse Greenhouses, Webster, Mass.

Pansies worth raising. Good plants, \$4.00 per 100; \$2.50 per 500. Cash, Chr. Soltau, 193 Grant Ave., Jersey City, N. J.

Pansies, the very best German, \$4.00 per 100. Hugo Hook, Worcester, Mass.

Pansy plants, ready Oct. 1, at \$3.00 per 1,000. Jos. H. Cunningham, Delaware, O.

Giant of California pansy plants, \$1.00 per 100. A. Mitting, Loomis, Cal.

POINSETTIAS

Pine 3-in. poinsettias, \$3.00 per 100; \$1.00 per dozen. Geo. W. Hunt & Son, Mansfield, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

PRIMROSES.

PRIMULAS. Chinese, separate colors, choicest strain, 2 1/2-in., \$5.00 per 100. Obconica, true hybrid strain, extra strong plants, 2 1/2-in., \$5.00 per 100.

S. MUIR, 2520 Michigan Ave., Chicago. Chinese primulas, white only, 2 1/2-in., \$1.50 per 100. New Yellow Baby Primrose, 2 1/2-in., \$2.00 per 100. Cash, Morris Floral Co., Morris, Ill.

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FLOODED WITH ORDERS.

For goodness sake take my adv. out of the REVIEW. Am flooded with orders. The balance due me will take up later. Dover, N. H. C. L. HOWE.

TORONTO.**A Visit to Mimico.**

I would like some other representative than myself to write the beginning of my notes this week. We played cricket and we won. Played at Mimico Asylum grounds, picked teams represented by Mr. G. Manton and Mr. T. Manton. The magnificent work of the team of the former won by piling up a score of 84 runs, against the 76 of the latter. The teams were composed of: 1, Lightfoot; 2, Goodier; 3, Cook; 4, Jennings; 5, Muston; 6, C. Woods; 7, Porter; 8, F. Brown; 9, W. Brown; 10, Sheppard; 11, George Manton, Capt.

SECOND TEAM: 1, Durham; 2, Bannon; 3, Whitaker; 4, Tidy; 5, Jackson; 6, Grice; 7, Twiner; 8, Woods; 9, Ailles; 10, Subton; 11, T. Manton, Capt. Scorer, George Mills.

Taking a stroll about the grounds before the game began we were very pleased to note some of the particularly fine beds of plants and were agreeably surprised to find that they compared more than favorably with anything of their kind seen in Toronto. The outside staff is to be congratulated on their excellent taste in their arrangement of beds, some very striking effects being obtained in the placing, shape and composition of many of them. Among the many (all are really worthy of note) we noticed:

A beautiful bed of Mme. Bruanti, that splendid pink geranium, also one bed of each of S. A. Nutt (red), La Favorite (white), Mme. Thibaut (pink), Salvia "Resplendent" was used in conjunction with the Golden Bedder coleus to good advantage, while some really fine beds of light variegated coleus were edged by dark red coleus (Verschaffelti).

There is to be a commission house in Toronto at last, to be run and managed by James Sinclair. We hope he meets with success, as his position as Dunlop's shipper and his fair dealing while engaged in that capacity is fresh in the minds of all the growers and retailers in this country. I hope to give a little fuller detailed account of his establishment at a later date.

The Market.

The wet weather of the last week has nearly ruined our outside stock and, as the roses and carnations are very poor, we feel the need of cut stuff. Roses range from \$1 to \$6, while carnations are poor at 50 cents to \$1.50 per hundred. Some splendid dahlias are shown in some of the florists' windows.

A few American Beauties, from Lawrence, of Mimico, have decked the windows of Tidy this week, while Dunlop (whose crop has not as yet shown itself) has had an occasional jar.

Various Notes.

Wm. Jay is building a plant house close to the street in front of his present greenhouses, which will make a decided improvement in his establishment.

Trade has not as yet climbed to its firm legs; we hardly look for a great deal until the mums start, as society does not seem over anxious to begin its season until the cooler evenings are assured.

A few theater parties have helped break the monotony of the centrally located retailers, while the outsiders have, with the exception of a little funeral

work, been compelled to sit on their haunches and look in the glass for companionship. C. W.

GRAND RAPIDS, MICH.

Trade is very quiet, broken occasionally by funeral and shipping orders. Some days everything saleable is cleaned up, then another quiet spell follows. The only scarce article is carnations; very few are being cut and the demand exceeds the light supply. Asters are plentiful, poor, and move slowly. Sweet peas are over. The weather has been dull and rainy, with a frost in sight.

Henry Smith is building a carnation house, 270x26 feet. With the exception of this house, Henry has all his carnations housed. So has Chadwick, to the tune of 60,000 plants. It is very cool here nights, necessitating steady night firing for roses and tender stuff.

Recent visitors: B. Eschner, of M. Rice & Co., a representative of Lion & Wertheimer, New York; E. G. Gillet, Cincinnati; E. E. Pieser, Chicago, and L. Collins, Toledo. They all admit that this city should be called "Violetville." G. F. C.

ENGLISH FLOWER SHOWS.

At the recent annual floral and musical fete in Shrewsbury, England, the total gate receipts for the two days amounted to \$16,350, as against \$16,200 in 1899, which was the previous high water mark.

If American floral exhibitions could enjoy such a paid attendance they could surely be made profitable. But it should not be overlooked that this fete was something more than an exhibition of flowers. In the report, which occupies over eight long columns of the *Wellington Journal* and *Shrewsbury News* of August 24 last, we note that though the list of awards filled nearly four columns and two and a half columns are devoted to descriptions of the exhibits, donors of prizes, etc., more than half a column is devoted to descriptions of the dresses worn by the ladies, and over a column to "stage performances," "the horse leaping," "the balloon ascents," "the fireworks," and similar attractions.

BUTTONHOLE BOUQUET HOLDER.

We have received some samples of Olney's buttonhole bouquet holder from the Geo. R. Olney Manufacturing Company, St. Louis, Mo. It is certainly far superior to a pin for holding a boutonniere in place, and if offered at a moderate price there will no doubt be a good demand for them.

WATERTOWN, N. Y.—Greene & Underhill have opened a down-town store with new cases, counters, glass refrigerator and complete up-to-date furnishings. Heretofore all their retail business has been done at the greenhouses. They have also added three large new greenhouses to their plant, and will this winter be in better shape than ever to take care of their wholesale plant trade.

MITCHELL, S. D.—The Daily Republican of Aug. 31 prints a good half tone view of the greenhouses and nursery of Mr. E. C. Newbury. There are 10,000 square feet of glass and eight acres of nursery.

Special Values in DECORATIVE PLANTS

Araucaria Excelsa.

Well established home grown plants of exceptional value, the best we have ever offered.

4-inch pots, 6 to 8 inches high, 2 to 3 tiers	.....	\$0.50	each
5 " " " 10 " " " 3 " "	.....	1.00	"
6 " " " 12 to 14 " " " 3 " "	.....	1.50	"
7 " " " 20 " " " 4 to 5 " "	.....	1.50	"
7 " " " 24 " " " 4 to 5 " "	.....	2.00	"

Araucaria Excelsa Glauca.

5-inch pots, 8 inches high, 2 tiers	.....	\$0.75	each
6 " " " 15 " " " 4 " " "	.....	1.50	"

PALMS! PALMS! PALMS!

Areca Lutescens.

3-inch pots, 2 plants in pot, 10 to 12 inches high	.....	\$1.25	\$10.00
6 " " " 3 " " " 24 " " "	.....	30.00	75.00
8 " " " 3 " " " 30 to 36 " " "	.....	12.00	100.00
		30.00	

Cocos Weddelliana.

Cocos this season is again scarce. Our stock is in fine condition. We offer good 3-in. pots, 10 to 12 inches high, at \$2.50 per doz., \$30.00 per 100.

Kentia Belmoreana.

2½-inch pots, 3 to 4 leaves, 8 inches high	.....	\$1.50	\$12.00
3 " " " 4 to 5 " " " 10 to 12 inches high	.....	3.00	25.00
4 " " " 5 to 6 " " " 15 " " "	.....	4.50	35.00
		Each	Doz.
6 " " " 5 to 6 " " " 24 to 26 " " "	.....	\$1.25	\$15.00
6 " " " 6 to 7 " " " 24 to 28 " " "	.....	1.50	18.00
7 " " " 6 to 7 " " " 28 to 30 " " "	.....	2.00	24.00
7 " " " 6 to 7 " " " 30 to 36 " " "	.....	2.50	30.00

Phoenix Rupicola.

A fine lot of 4-inch pots of this most beautiful of all the Phoenix, just showing character, \$4.00 per dozen, \$30.00 per 100.

Our stock of **DECORATIVE PLANTS** is more complete than ever, and is fully described in our September Wholesale List. Our display at the recent meeting of the S. A. F. and O. H. was awarded the **SILVER CUP**, offered by the **Buffalo Florists' Club** for the **BEST and MOST COMPLETE DISPLAY**. We have a large stock of these plants and can duplicate any that were exhibited. Florists will do well in anticipating their wants, and placing orders now, while we have a full line of sizes, and while weather will permit shipments of nearly all lines of stock by freight at a low cost of transportation.

Dracaena Bruanti.

As hardy and useful as a Rubber Plant. A fine lot of 5-inch pots, 15 to 18 inches high	.....	Each	Doz.
		\$0.35	\$4.00
6 " " " 20 to 24 " " "	.....	.50	5.00

Ficus Elastic.

4-inch pots, 10 to 12 inches high	.....	\$4.00	\$30.00
6 " " " 20 to 24 " " "	.....	9.00	75.00

Pandanus Utilis.

An exceptionally fine lot of 3-in. pots, per 1000, \$76.00. \$1.00 \$ 8.00

Kentia Forsteriana.

2½-inch pots, 4 leaves, 8 to 10 inches high	.....	\$1.50	\$12.00
3 " " " 4 to 5 leaves, 12 to 15 inches high	.....	2.50	20.00
4 " " " 5 to 6 " " " 15 to 18 " " "	.....	4.50	35.00
		Each	Doz.
6 " " " 6 " " " 28 to 30 " " "	.....	\$1.25	\$15.00
6 " " " 6 " " " 30 to 36 " " "	.....	1.50	18.00
7 " " " 6 " " " 34 to 36 " " "	.....	2.00	24.00
8 " " " 6 to 7 " " " 42 to 48 " " "	.....	3.50	42.00
10 " " " 8 to 10 " " " 42 to 48 inches high	.....	7.50	75.00

The **KENTIAS** offered above are strong, stocky plants, heavy, of good color and perfect in every way.

Lantana Borbonica.

4-inch pots, 4 to 5 leaves, 12 to 15 inches high	.....	\$2.50	\$30.00
6 " " " 6 to 7 " " " 15 " " "	.....	6.00	50.00
6 " " " 6 to 7 " " " 18 " " "	.....	9.00	75.00

Ferns.

Over half a million of all the leading varieties now ready for distribution: fine young stock.

Our selection of varieties..... \$3.50 per 100, \$30.00 per 1000

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

...A...
BARGAIN
 in young
PALMS
 for growing on. 3-inch pots.

Areca Lutescens	.....	\$ 6.00	\$55.00
Corypha Australis	.....	6.00	55.00
Lantana Borbonica	.....	5.00	45.00
Phoenix Reclinata	.....	6.00	55.00
Phoenix Canariensis	.....	5.00	45.00
Phoenix Leopoldensis	.....	5.00	45.00
Kentia Belmoreana	.....	15.00	140.00
Kentia Forsteriana	.....	15.00	140.00

Out of 2-inch Pots.

Scarfthoria Elegans	.....	\$ 4.00	\$35.00
Livistona Rotundifolia	.....	5.00	45.00
Caryota Urens	.....	6.00	55.00
Areca Sapida	.....	8.00	75.00

All of the above stock is absolutely clean and extra good value for the money. Will send a sample lot, one of each variety, on receipt of \$1.00.

J. B. HEISS,
 The Exotic Nurseries, DAYTON, OHIO.

Mention The Review when you write.

PRIMROSES

Chinese, Single, mixed, Per 100 \$2.00
 Obconica Alba and Single, mixed, Per 100 \$2.00
 Rosen, Per 100 \$2.00
 Forbest, Per 100 \$2.00

ASPARAGUS, Sprengeri, per 100, \$2.00
 Plumosus, 2.50

PANSY PLANTS, Ready October 1, at \$3.00 per 100.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

Are You Short PÆONY ROOTS

.....ON....

GERANIUMS Strong plants from 2½-inch pots of the following high-grade varieties, true to name, \$2.25 per 100, \$20.00 per 1000: S. A. Nutt. Frances Perkins, Alp. Ricard, Grant, Mrs. E. G. Hill, Beante Pottevine, Mme. Jaulin, Mme. Brunet, La France, Athlete, La Favorite and Mme. J. M. Gaar.

ASP. PLUMOSUS NANUS, strong plants, from 2½-in. pots, \$2.75 per 100; \$25.00 per 1000.

ASP. SPRENGERI, strong plants, from 2½-inch pots, \$1.75 per 100; \$15.00 per 1000.

SMILAX Strong 2½-inch, \$1.25 per 100, \$10.00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.
 Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Order Now for Fall Delivery.

Large Field Clumps \$25.00 per 100
 Strong Divided Roots 10.00
 Pink, White, Crimson, Red.

CHICAGO PÆONY FARMS, - - JOLIET, ILL.

Mention The Review when you write.

PÆONY ROOTS!

Great Bargain! At 1c per stem, as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red. Orders filled in rotation received.

BRANT & NOE, Forest Glen, CHICAGO, ILL.

Mention The Review when you write.

The Florists' Manual

Tells You What You Want to Know in the Way You Want to be Told.

SYRACUSE, N. Y.

Nurserymen Condemn Virginia's Action.

A committee of members of the New York Nurserymen's Association met at the Yates Sept. 11, with C. A. Wieting of the State Fair Commission. The meeting was for the purpose of discussing the action of the Agricultural Department of Virginia in refusing to admit nursery products from this or other states without a certificate from a known entomologist.

The Virginia Board has made its decision under the advice and direction of Prof. Alwood, who is the entomologist of the board, and has taken the action with a view of keeping plants and trees infected with scale or other parasites from the State.

At the meeting it was decided that the action of the board in Virginia was contrary to the interstate commerce laws and that it was unconstitutional. One of the committee when seen last evening said that the New York Association would take exception and would hold Prof. Alwood personally responsible for all shipments interfered with. The committee man said that in all probability a test case would soon be made.

The case will be made upon the ground that while any State has the right to exclude diseased plants or animals on the ground of disease itself, it has no right to interfere with regular trade. All nursery stock of New York State is subjected to the inspection of the State Agricultural Department and is officially perfect when it leaves the State. This, the society will contend, is sufficient to insure its reception in any State unless actual disease or parasites are found.

MILWAUKEE.

Trade conditions are unsteady. A week of continued rain kept buyers from plunging, and as only actual requirements were bought, plenty of stock could be had at low figures. Asters are coming in heavy now, which relieves the shortage of carnations. Good shipping roses are about equal to the demand, with plenty of seconds left for cheap work. Similax is extremely scarce, but plenty of asparagus; but plumosus and Sprengeri are in the market to help out.

Asheville vs. Milwaukee.

Why all this continued argument about defeated Milwaukee? The majority rules, and Asheville was the choice of the majority, and to Asheville we go. Cut Milwaukee out of the argument now; we're not in the running. Our invitation was not backed up by the amber fluid, and the loss of the convention should not be charged to our famous product, as a recent correspondent insinuates. He probably comes from Kansas. C. C. P.

A WIDE CIRCULATION.

The results from my asparagus adv. show that your valued journal has a wide circulation among florists. I got orders from Atlanta, Ga.; New Orleans; San Antonio, Tex.; Salt Lake City and Florida.—H. P. OWEN, Toughkenamon, Pa.

UTICA, N. Y.—The Florists' Club has decided to hold a flower show in November and the executive committee has been given power to make arrangements.

REMOVAL SALE

We will sell at auction, on Wednesday, September 25, 10:30 a. m., at the Bay View Nurseries, Jas. McColgan & Co., Atlantic Highlands, N. J., a general line of Nursery Stock consisting of

400,000 Cal. Privet, 100,000 Shrubs and Vines,
75,000 Shade and Ornamental Trees,
50,000 Evergreens,
Also Miscellaneous Stock.

For catalogue and full particulars address Jas. McColgan & Co., Atlantic Highlands, N. J., or Cleary & Co., 60 Vesey St., New York City. This company proposes to move their plant to Red Bank, N. J., and in order to do this are compelled to sell the greater part of their stock at auction.

CLEARY & CO., - 60 Vesey St., New York City.
JAS. MCCOLGAN & CO., Atlantic Highlands, N. J.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

VIOLETS--Field-Grown.

MARIE LOUISE and FARQUHAR.

They are perfectly clean and healthy OR NO PAY. The finest we ever saw. Give us a trial order. Write for sizes and prices at once.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write



...THE...
MODEL
EXTENSION
GARNATION SUPPORT.

ALSO GALVANIZED
STEEL ROSE STAKES.

Endorsed by all the leading
carnation growers as the
best support on the market.

Made with two or three circles.
Prompt shipment guaranteed.
Pat. July 27, 1897; May 17, 1898.
Write for prices and circular.

IGOE BROS.

226 N. 9th St., Brooklyn, N. Y.

Mention The Review when you write.

GLADIOLUS BULBS.

CRAWFORD'S This is a superior mix-
STANDARD ture, inasmuch as it con-
tains all the colors usually sold
under separate classes and is
MIXTURE. unusually strong in "whites and
lights." We offer this stock in
small sizes (¾ to 1 inch in diameter) for delivery
this fall, express charges prepaid, at the follow-
ing rates—cash with order:

10,000 to 50,000 at \$1.50 per 1,000.
50,000 to 100,000 at 1.25
100,000 or more at 1.00

Experienced growers know the value of this
small stock because of the rapidity with which it
increases. We have, with one exception, the
largest stock of **CRAWFORD'S** hybrids in the country.
Prices on application.

M. CRAWFORD COMPANY,
CUYAHOGA FALLS, OHIO.

Mention The Review when you write

EVERY FLORIST OUGHT
TO INSURE HIS GLASS AGAINST

HAIL

For Particulars Address

JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.

...WE OFFER...

Especially Good Values

in 5 and 6-inch Boston Ferns, and in all sizes of

Asparagus Sprengeri from 3-in. up. This stock is extra good at the prices quoted.

Notice Reduction in Prices on Nephrolepis Wittboldii,

which we make owing to our being crowded for room.

Plants from the bench, ready for 2-in. pots,	\$ 1.50 per doz.
" " " " " " " " " " " "	3 " 2.00 "
" " " " " " " " " " " "	4 " 3.00 "
" " " " " " " " " " " "	5 " 6.00 "
From 6-in. pots	12.00 "
7	15.00 "

We wish to call your attention to the favor the **Cut Fronds of Nephrolepis Wittboldii** are finding among cut flower workers.

WE HAVE AN UNUSUALLY LARGE STOCK OF ALL

DECORATIVE STOCK

AS LISTED BELOW WHICH IS NOW IN PRIME CONDITION.



Variety.	Size Pot.	Height. inches.	Character. Leaves.	Each.	Price Doz.	100
Arcaea Lutescens	2 1/2	5 to 6			\$.75	\$50.00
" " "	3	8 to 10			1.00	8.00
" " "	3 1/2	12 to 15			2.00	15.00
" " "	4	18 to 20		\$.25	3.00	25.00
" " "	5	20 to 22		.50	5.00	35.00
" " "	6	20 to 24		.75	9.00	
Kentia Belmoreana	2 1/2	8 to 9	3 to 4		1.50	12.00
" " "	3	10 to 12	4 to 5		2.00	15.00
" " "	3 1/2	12 to 14	4 to 6	.25	3.00	20.00
" " "	4	14 to 16	5 to 7	.50	3.60	
" " "	5	16 to 18	5 to 7	.75	9.00	
" " "	6	18 to 24	6 to 7	1.50	35.00	
" " "	7	30 to 36	5 to 6	2.25	26.00	
" " "	8	36 to 40	5 to 6	3.00	35.00	
" " "	strong	36 to 42	5 to 6	3.50	42.00	
" " "	9	40 to 42	6 to 7	4.00	48.00	
" " "	9	42 to 44	6 to 8	4.50	54.00	
Kentia Forsteriana	2 1/2	8 to 9	3 to 4		1.50	12.00
" " "	3	10 to 12	4 to 5		2.00	15.00
" " "	3 1/2	12 to 14	5 to 6	.25	3.00	20.00
" " "	4	14 to 16	4 to 5	.50	4.00	30.00
" " "	5	18 to 24	5 to 6	.75	9.00	
" " "	6	18 to 20	4 to 6	1.50	18.00	
" " "	9	50 to 54	5 to 6	6.00		
" " "	9	42 to 44	6 to 8	4.50	54.00	
Latania Borbonica	2 1/2	3 plants in a pot		8.00		
" " "	3	12	5 to 6		.60	4.00
" " "	3 1/2	12 to 15	5 to 6	.15	1.50	12.00
" " "	4	15 to 18	5 to 7	.25	3.00	20.00
" " "	5	18 to 22	6 to 7	.50	5.00	35.00
" " "	6	18 to 24	6 to 8	.75	7.20	50.00
" " "	7	22 to 26	7 to 9	1.00	10.00	
" " "	8	20 to 24	8 to 10	2.25	15.00	
" " "	9	21 to 26	9 to 11	2.50	20.00	
Araticaria Excelsa	6	5 tiers			1.50	10.00
Dracaena Ter	3				1.50	
" " "	4				3.00	
" " "	5				5.00	
" " "	7				9.00	
" " Frag	5				5.00	

Variety.	Size Pot.	Price Doz.	100
Phoenix Canariensis	4	3.00	
" " "	5	5.00	
Sansevieria J. V.	2 1/2	5.00	
" " "	3	1.00	
" " "	4	2.00	
" " "	5	3.00	
" " "	6	6.00	
Peperomia Algerica	3	1.50	
" " "	4	1.50	
" " "	5	2.00	
Ficus Elastica	5	4.00	
" " "	5 (strong)	5.00	
" " "	6	6.00	
" " "	8	15.00	
Asparagus Sprengeri	2	.50	3.00
" " "	3	1.00	8.00
" " "	4	1.50	12.00
" " "	5	2.00	15.00
" " "	6	4.00	
" " "	7	6.00	
" " "	8	9.00	
Asparagus Pin. Nan	2	50	4.00
" " "	3	1.00	8.00
" " "	4	1.50	12.00
" " "	5	2.00	15.00
from seed boxes		\$25.00	per 100.
Nephrolepis Bost.	2	50	4.00
" " "	3	1.00	8.00
" " "	4	2.00	15.00
" " "	5	3.00	20.00
" " "	6	5.00	35.00
" " "	6	6.00	40.00
" " "	7	15.00	75.00
" " "	9	15.00	
Cycas Revoluta	We have an immense stock of good values from \$1.00 to \$3.00 each.		

THE GEORGE WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

Mention The Review when you write.

CROP 1901.

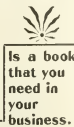
CHOICEST STRAINS.

- Fansy, Superb Show Mixture, trade pkt. 25c; 1/2 oz. 75c; oz. \$1.00.
- Fansy, 25 Finest Giant Varieties, trade pkt. 25c; 1/2 oz. 40c; oz. \$2.50.
- Cineraria, Giant rrise Strain, Mixed, trade pkt. 75c.
- Cineraria Polyantha (Cruenta Hybrids) trade pkt. \$1.00.
- Calceolaria Giant Prize, Superb Mixed, trade pkt. 50c; half pkt. 25c.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

The Florists' Manual



Is a book that you need in your business.

If you haven't a copy already, order one now.

Mention The Review when you write.

PRINCESS OF WALES VIOLETS

2 1/2-in., strong, \$3.00 per 100, \$25.00 per 1000.

- CARNATIONS Marquis... \$6.00 per 100
- E. Crocker... 6.00 "
- Alma new rose pink... 6.00 "
- Genevieve Lord... 6.00 "
- Armsind... 6.00 "

DRACAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIEGATED VINCA, field, \$1.00 per 100.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

EVANSVILLE, IND.

The first part of last week we had three good rains and since then business has been better.

We have sown turnips in our carnation patch, and a lot more where we had a garden, and will try to raise two crops on the same ground in one season. Turnips will come in mighty handy this winter in place of potatoes, which are now selling at 80 cents to \$1.25 per bushel; small ones selling at 70 cents.

Good roses retail at \$1 per dozen, but are scarce. They are doing well, but do not seem to be pushing toward the glass very rapidly. Some varieties have more or less demoralized foliage; leaves spotted, with a scorched appearance, as though held to the fire. Do not know whether it is caused by eel worms or nematodes, or some other sort of "toad." It makes the foliage look bad. Perhaps some rose expert can shed a little light on the matter. Would feel under many obligations if some one suggested a remedy that would remedy.

Field-grown carnations sell at 30 to 35 cents per doz.; those grown under glass a little higher, as they are some larger with little stem rot among carnations so far; no rust to speak of, and plants, as a general thing, look well.

Chrysanthemums are looking well, but they seem to have lost their grip somewhat in this locality; not much demand for them. Think they will eventually peter out entirely, both as plants and cut flowers, except perhaps a few grown for use in the greenhouses. They do not pay for the space they occupy in the houses.

J. H. W.

LOS ANGELES, CAL.

Articles of incorporation have been filed by the "California Rose Company," of this city, with capital stock \$15,000. The corporation absorbs the interests of and is successor to the Howland Nursery Company and the California Rose Company. The incorporators are: C. F. Howland, R. H. Wilson, S. M. Wile, O. S. Howland, C. L. Canfield. The corporation starts in with an established business, both wholesale and retail. While the articles of incorporation empower the company to engage in any and all branches of business pertaining to the nursery, florist and seed trade, the entire business is at present field-grown rose bushes and will probably be confined to this for some time to come. The company is at present growing more largely than any concern on the coast, and expects to eventually produce more field-grown rose bushes than any house in the United States. This season their stock consists of about 130 varieties of roses, including the best of both hardy and tender sorts.

SEBALIA, Mo.—At the Missouri State Fair, held here Sept. 9 to 13, first prizes were taken by Gelyen & Son, of this city, for collection of greenhouse plants, collection of Rex begonias, geraniums, palms, ferns, foliage plants, cacti, blooming plants, floral designs, cut roses and hand bouquets.

LYONS, IA.—Mrs. M. E. Eaton has opened a finely fitted up store at the corner of Main and Fourth streets, which will be in charge of Miss Dell Eaton. The greenhouses will be continued as before.

150,000 Field-Grown Carnations 6 Acres

Our carnations have grown very fast the last two weeks and are now as fine and healthy plants as we have ever sold. We have no stem rot, dead leaves or disease of any kind.

GENEVIEVE LORD, ETHEL CROCKER,
\$6.00 per 100.

WHITE CLOUD,
C. H. DUHM,
ALBERTINI,
JUBILEE,

MRS. FISHER,
MAUD ADAMS,
DAYBREAK,

TRIUMPH,
PORTIA,
METEOR,

\$6.00 per 100.

QUEEN LOUISE,

\$12.00 per 100 \$100.00 per 1000.

Reports coming in from our customers show that QUEEN LOUISE has equalled or surpassed in growth all the other varieties of carnations. It is the best WHITE Carnation grown. You will miss it if you do not plant it largely. Send in your order early.

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These plants are Strong, Healthy Stock and carefully packed in open crates.

1800 MRS. JOOST	\$4.00 per 100.
800 MRS. BRADT	5.00 "
400 MACEO	5.00 "
500 CRANE	5.00 "

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CARNATIONS!

Field-Grown, Clean and Healthy.

E. CROCKER, MRS. F. JOOST, AMERICA, JUBILEE,
FLORA HILL, WHITE CLOUD,

CASH WITH ORDER PLEASE. \$5.00 per 100, \$40.00 per 1000.

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1000 Ethel Crocker	\$8.00 per 100
500 Marquis	8.00 "
500 Triumph	5.00 "
300 McGowan	5.00 "

These are large, clean, healthy plants, not affected by drought.

We also have a few hundred good second grade Marquis and Crocker which we will sell at \$4.00 per 100.

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Sept. 20, per doz. \$2.50	\$15.00
Nydia, per doz. \$1.50	
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Genevieve Lord, the finest pink, strong	8.00
Marquis, strong	8.00
Suitcase, per doz. \$1.50	
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Mrs. T. W. Lawson, 2nd size	8.00
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Egypt, 2nd size	10.00
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Fancy.	
Prosperity, per doz. \$3.00	30.00
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America5.00 "	45.00 "
Lord5.00 "	45.00 "
Joost5.00 "	45.00 "
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Scott4.00 "	35.00 "

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Our plants are strong and healthy. Free from disease.

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MACEO, MARY WOOD, JUBILEE, CRANE, DAYBREAK, SCOTT, AMERICA.
\$4.00 per 100.
Cash or C. O. D.

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6-inch, 6 to 8 leaves	9.00	ASPARAGUS SPRENGER.		
7-inch, 7 to 9 leaves	12.00	2-inch	per 100, \$5.00
8-inch, 9 to 12 leaves	22.00	3-inch	8.00
KENTIA BELMOREANA.	Per doz.	Per 100	KENTIA FORSTERIANA.	Per doz.	Per 100
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CARNATIONS
F. DORNER & SONS CO., Lafayette, Ind.

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10 CrockerNo. 1, 1	4.00 "
400No. 2, 1	4.00 "
450 MabelleNo. 1, 1	4.00 "
300No. 2, 1	3.00 "
100 TriumphNo. 1, 1	4.00 "
100No. 2, 1	4.00 "
180 Happy DayNo. 1, 1	4.00 "
250No. 2, 1	3.00 "
110 Mrs. Geo. BradtNo. 1, 1	3.00 "
10 JubileeNo. 2, 1	2.50 "
35 Bon TonNo. 2, 1	2.50 "
125 Wm. ScottNo. 2, 1	2.50 "
150 McGowanNo. 1, 1	2.50 "
125 CraneNo. 1, 1	3.00 "
100 JoostNo. 1, 1	4.00 "
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100 DaybreakNo. 1, 1	4.00 "
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Large and Healthy,
\$4.00 per 100, \$35.00 per 1000.
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1000 DAYBREAK. 200 MELBA.
300 WHITE CLOUD.

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THE FLORISTS' PUBLISHING CO.
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INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper heading.

American Rose Co. 473	Kentucky Tobacco
Amiluz, E. C. 485	Product Co. 503
Barnard, W. W. & Co. 474	Kroeschell Bros. Co 504
Bassett & Washburna	Kuehn, C. A. 488
..... 488-500	Kubi, Geo. A. 489
Baur & Smith 490	Lacer & Hurrell 474
Bayard-Snyder & Co. 474	Litfield, Sidney 461
Beckert, W. C. 499	Long, D. B. 503
Bentley & Co. 488	Lord & Burbanck 504
Besser, H. H. & 474	McColcan, Jas. & Co. 488
Berning, H. G. 488	McKellan & Winter-
Brant & Noe 488-497	son 489
Brinkerhoff & Barnes	May, L. L. 491
Engraving Co. 504	Meehan, C. E. 489
Buckley Plant Co. 497	Merkel, C. & Son. 499
Burki, F. 500	Michele, H. F. 473
Budlong, J. A. 488	Michelin Cut Flower
Burpee, W. Atlee &	Exchange 489
Co. 487	Miller, J. W. 487
Caldwell The Woods-	Mitting, A. 485
man Co. 489	Morgan, C. J. C. 502
Chicago Façony	Moon Co., W. H. 489
Farms 497	Morris Floral Co. 487
Cincinnati Cut Flow-	Moss, Isaac H. 489
er Co. 488	Niessen, Leo. 485
Classified Advs. 484	Palen Co. 493
Cleary & Co. 489	Patterson Co. & C.
Coffish, J. W. 489	Pittsburg Cut Flow-
Cottage Gardens 498	er Co. 486
Crahan & Hunter 501	Poll-worth Co. & C.
Crawford Co., M. 488	..... 488-505
Crowl Fern Co. 474	Quaker City Machine
Cunningham, Jos. H.	Works 494
..... 497	Randall, A. L. 488
Dietsch, A. & Co. 503	Rawlings, E. I. 491
Dillon, J. L. 500	Reed & Keller 474
Dorner, F. & Sons Co. 501	Reagan Pig House. 343
Dreer, H. A. 497-504	Reinheim, P. P. 488
Dunn & Hias, S. 487	Reitzer, W. & Co. 501
Ellis, F. M. 486-488	Reuter, S. J. 501
Ernst John G. Sec'y 498	Riggs, M. M. Co. 474
Garland, Frank 489	Robinson, H. M. & Co.
Garland, Geo. M. 504	..... 489
Garland, Sigmond. 474	Rupp, John P. 487
Giblin & Co. 501	Schluraf Floral Co. 500
Grave, E. T. 501	Schmitz, F. W. O. 475
Greene & Endell 498-501	Seckley John 504
Hall, W. E. 500	Siebert, C. T. 487
Hannaud, Beau. 501	Skabeura Dip Co. 505
Hancock, Geo. & Son. 501	Smith, N. J. & M. S. 501
Harms Park Floral	Soltan, Chr. 489
Co. 501	Thaden, H. & Co. 503
Heacock, Jos. 487	Thorburn, J. M. & Co.
Heiss, J. G. 487	..... 474
Herrmann, A. 474	Vasey, W. J. & M. S. 501
Hill Co., E. B. 497	Vincent, Jr., K. & Son
Hippen, E. G. 505	..... 489
Hitchings & Co. 500-505-504	Webber & Sons 501
..... 488	Weber & Kisch 488
Iroe Bros 498	Whelan Pottery Co. 502
Jennings Bros 502	Whitton, S. 489
Keating, W. F. 473	Wictor Bros 488
Keller Bros 502	Wilks Mfg. Co. 504
Kellong, Geo. M. 489	Witbold Co., Geo. 490
Kentz Foundry &	Young, J. W. 474
Machine Co. 504	Ziegler Filter and Pa-
Kennett Bros. Co. 473-501	tery Co. 502
	Zirngelbel, D. 488

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 31, 1890, for Standard Flower Pots.



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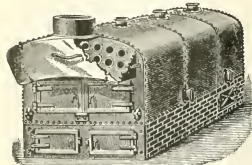
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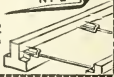
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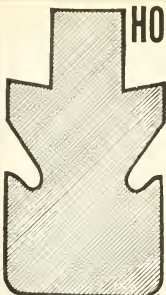
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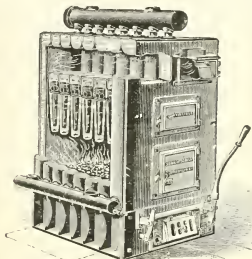
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, SEPTEMBER 26, 1901.

No. 200

Lilium Harrisii

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JOSEPH HEACOCK,
GROWER OF

Fine Palms,

For Price List
SEE PAGE 487, SEPT. 19th.
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MORE REMUNERATIVE.

My ads. in THE REVIEW were more remunerative than those in any other paper. I am well satisfied.—T. L. MEAD, Oveido, Fla.

FLORISTS' CALENDAR -- September.

Lil. Harrisii, 5x7 inch	12	100
Lil. Candidum, St. Joseph's Lily, thick petals, extra fine bulbs	\$0.50	\$1.00
Longiflorum, Japan-grown, season healthy. EASTER comes early. Plant now.	30	4.00

5x7 inch circ.	12	100
6x8 " "	\$0.35	\$2.00
7x9 " "	45	2.75
9x10 " "	50	4.00
True Longiflorum Multiflorum, blooms two weeks earlier, bears many more flowers.	35	6.00

TRY IT.

5x7 inch circ.	40	3.00
6x8 " "	60	4.00
7x9 " "	75	5.00
9x10 " "	1.00	7.00

Roman Hyacinths, white, 1 1/2 x 1 1/2 FULL SIZE.

12 cm. dia.	25	1.75
15 " "	35	2.25

Paper White, TRUE Grandif. 1st size.

1st size	15	85
2nd size	15	7.50

Calla Ethiopica, 3/4 size.

1 1/2 x 1 1/2	15	3.00
2 1/2 x 2 1/2	20	4.00

Cyclamen Persicaria GIGANT. The most brilliant colors.

bulbs, 1 1/2-inch diameter	25	6.00
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FRENCH Leichterli, beautiful golden yellow.

15	1.00
8.00	

Spanish Iris, beautiful shades mixed.

10	40
3.00	

ALL DUTCH BULBS READY. Extra fine this season.

12	100
1000	

Hycantids, large bulbs, extra fine. 15 cm. dia. in separate colors.

\$ 50	\$3.50
\$2.00	\$12.00

Von Sion, extra fine, none. Send for estimates on all Dutch Bulbs.

SEEDS TO SOW NOW.

Just received, fresh: Cyclamen P. Giganteum Seed, 1 1/2 white, now brilliant crimson. White with dark eye. Each color separate 100 seeds, 6c; 1000 seeds, \$3.00.

PANSIES. Cream of French, German and Eng. 100 seeds, 10c; 1000 seeds, \$3.00.

Moss Ensete S 40. 100, 50c; 1000, \$7.00
Asparagus Sprengeri. 100, 50c; 1000, 5.00
Asparagus Plumosus N. 100, 50c; 1000, 6.00
Order NOW Azaleas and Valley for November

Fern Balls. Send for new catalogue. Any information. Estimates cheerfully given.
Address H. H. BERGER & CO., 47 Barclay St., New York. Est. 1878. D. Box 1859.
Mention The Review when you write.

ORCHIDS..

Arrived in prime condition, the beautiful Laelia Pateini, Oncidium Kramerianum (butterfly orchid), Anguloa Clowesi and A. Ruckelri. We also offer a fine lot of Oncidium Varicosum Rogersii in spike, and Cattleya Percevalliana in sheath. Write for prices.

Lager & Hurrell, Growers and Importers... Summit, N. J.

Always mention the Florists' Review when writing advertisers.

THE RETAIL FLORIST.....

Flowers for the President's Funeral.

Some very handsome and expensive floral designs were sent to the funeral of the late President McKinley. The designs were not as numerous as was expected and the majority of them were made up in Washington. No doubt you will all have read in the daily and weekly papers the glowing descriptions and immensely exaggerated values of the flowers sent. It is amusingly startling to read and listen to these inflated stories. One Broadway florist tried to assure us that he had sent several \$100 and \$150 wreaths to Washington, whilst we knew it to be a fact that he had had no order at all. Queer, isn't it, what some folks will do to try and make themselves appear big.

We hope those who really had work for this most important event had it photographed. The largest orders seem to have come from foreigners. Wreaths and bunches were the principal forms, and those with cattleyas were naturally the choicest. We had intended going to Washington to write them up for this department, but important matters called us elsewhere.

We are inclined to think that the dealers who have so many metal wreaths and prepared cypress leaves on their shelves lost a big opportunity to dispose of this stock; such things are appropriate for the decorating of buildings.

The most artistic window in New York was that of the Gorhams on Broadway. Folds of black and purple velvet formed a background to a portrait of the dead president; across these were two fine cypress leaves, not tied, but detached and properly placed; the simplicity of the whole was most expressively beautiful. The majority of the decorations seen were spoiled by the too apparent and studied formality.

Here and there a cheaply made wreath of galax leaves or a few painted cypress leaves were seen in prominent dry goods store windows. The money spent on decorating the buildings in New York city would nearly reach the \$200,000 mark, about \$100 of which was spent among florists. As to the florists themselves, they were not behind in showing respect, but their work was not of their best, and the material mostly used was very cheap.

One prominent window is turned into a ribbon counter, as if the florist's only chance to glorify his art was in the use and display of ribbons. Wreaths of galax and leucothoe leaves are the only designs shown. We have not seen one laurel wreath in connection with the occasion. Florists with the reputation of being artistic and up-to-date should know that the most appropriate design for use would have been a wreath of bay leaves. Pity it seems to us that where we have so many bay trees the opportunity was not taken to show how some could be used. There is a too ready inclination to recommend and use mate-

rial simply because it is cheap. There are traditions and sentiment, expression and beauty attached to certain flowers and foliage which cannot be blotted out by ignorance, or the craze for cheapness, and on the occasion of national sorrow like the present, florists ought to try and preserve the sentiments which are the great pillars of their business.

Bulbs.

This is the time of the year when immense quantities of bulbs are finding their way to the potting sheds of the country. Dealers inform us that the craze for cheap grade stock is still as poignant as ever. We would like to say

is not too good for the American trade. We are not only referring to quality, but to variety also. Give us the best named varieties, never mind the cost.

Chrysanthemums.

Chrysanthemums, from present appearances, are going to be late this season. Glory of the Pacific and Merry Monarch are the two most grown for early use; these are well in bud now. The craze for early mums is purely imaginary; retailers are not justified in paying exorbitant prices for early mums, for in most cases they are bought for the window and very seldom can any more be asked for than is paid for them. Growers every year get false values on certain stock, through the foolishness of a few retailers. We advocate a fair price all around. Sensationalism seldom does good; high prices charged early in the season only deters people from buying later, and acts as an all around boomerang.

Nasturtiums and Tritomas.

Nasturtiums are this year being extensively grown by private gardeners.



Wreath by John Mangel, Chicago, for the President's Funeral.

to those who grow for cut flowers, get some cheap sorts of course, but don't forget in many cases the very best is what you need; spend a little extra for some named varieties of hyacinths, tulips, narcissi, etc. Get away from the old rut of common stuff; the people will appreciate and pay for good flowers, and now is the time to select something that will not be the same as the despised glut of the markets. And don't forget, too, that some good *Lilium candidum* will be wanted next Easter. We hope to see the large growers offer something better in the way of bulb stock; we wish to assure them the retailer is willing to pay for good stock; the very, very best

They inform us that they have become very popular among wealthy people, and that many will be grown under glass for winter use. Very beautiful dainty decorations can be done with nasturtiums, many of the colors being such as appeal to the aesthetic. Arranged in small vases on forest green or Chippendale furniture their effect is very pleasing.

Tritoma Pfitzeri (I am not sure that is right) and *T. carolinianum* have been very prominently used in New York windows and large decorations this autumn. The first named is probably the best. They are very effective and should be more generally cultivated. They brought \$3 per 100 wholesale here.

Autumn Decorations.

Keep your eye open for a few early well colored autumn leaves; you will soon find them in the swamp or along water fronts; they will be a welcome change in your window. Don't forget that a great many people object to the use of autumn foliage for wedding decorations, at least they will not have them in the room where the ceremony is performed. They argue that there is a tinge of sadness about them that is inappropriate to these joyful events; others don't care. Anyhow, be careful in recommending their use. We usually

and if poor, out of sight. Keep your flowers in water and away from view until your greening is finished; there is nothing like tidiness. And don't attempt to bully or boss servants; you need their friendship. A "stuck up" florist is a good subject for the comic cartoonist; dignity is a respected virtue.

High colors are becoming more popular both in garden and indoor decoration. If you happen to be doing any decorating where color is desirable, you might use a cluster of *Prunus pissardii* to good advantage. Don't scatter things. Group them; they are thus more impressive.

with rubbish, just for the sake of having something in them; it is cheaper to have them empty than burn coal and waste time growing stock which cannot be sold. Now is your time to clear out everything that will not pay for the space it occupies.

The retailer who can store plants safely can now pick up many fine bargains at the auction rooms. Small and medium stock can now be got for half the price it will be two months hence. We will write on the plant market next week.

There will be a vast quantity of conifers used in vase and window boxes this fall and winter, yes, far more than in years past. Find out where you can get them at prices and in varieties and sizes most suitable. To nurserymen, let us say put a good stock of conifers in your sheds before the frosts get too hard, and do your best to encourage evergreen winter decorations in the large cities. Last year it was impossible to get any decent plants in New York after hard weather set in, and the prices and material offered were prohibitive. If florists would display a well filled window-box, vase or pot of conifers they would not only help to beautify their places, but would encourage a more general use of them by the public.

One of the most unpleasant features of the present time is the boarded plants. People begrudge paying the price for keeping and clearing their plants all summer. These plants are a nuisance and a drawback to the plant trade and should be well charged for. **IVERA.**



Broken Column by O. J. Friedman, Chicago, for the President's Funeral.

FUNERAL DESIGNS.

We present herewith engravings from photographs of a number of floral arrangements sent to the funeral of the late President McKinley.

The cross and column by Friedman, Chicago (Joseph Curran, artist), were each over eight feet tall, and the cross contained 3,000 American Beauty roses. It was a block cross and the surface was about a foot on each of the four sides when filled. The column was of white carnations and asters, and was about a foot in diameter when filled. The festoon was of Bridesmaid roses.

The two urns by Schubert & Co., Chicago (Henry Rowe, artist), were filled with American Beauty roses, 200 in each. The body of the urns were each of white asters, but on one of the handles were purple asters and the festoon of lily of the valley, while on the other one handles and festoon were of American Beauties. Both were about eight feet in height. The four designs cost \$720.00, and were sent by the Chicago Business Men's Association.

The design by the American Rose Co., Washington, was an open book 6 feet by 4, made of the new Golden Cochet rose and lily of the valley; lying carelessly on one of the pages was a bookmark of purple satin, on which in letters of gold were the martyred president's last words:

"God's Will Be Done."

This book was raised over a plateau 7 by 9 feet, composed of rare ferns, Yellow Cochet and White Golden Gate roses and lily of the valley; and forming a background were three silk flags draped and carried diagonally across the plateau, the whole plateau profusely festooned with a blending of three shades of purple satin ribbon.

use them in the hall and one or two rooms, having nothing but green for the background in the principal room.

A most important thing for all to remember is that when you go to a house to decorate don't be spectacular in your approach. Avoid appearing as if you were going to either move the house or cover everything in it. Have your material and men neat, don't make the principal rooms or the hallway your store-room, but put your stock out of the way,

Phrynum variegatum and Black Beauty canna were two very successful plants in the garden this summer; the former may be used in many places indoors.

Plants.

Attend to your forget-me-nots for Christmas and New Years. This is the time of the year when propagators are filling the benches with many old and obsolete varieties of plants that ought to be discarded. Don't fill your houses



Cross by O. J. Friedman, Chicago, for the President's Funeral.

The open book of Golden roses was significant of the life of the president, which was surely an open book of golden pages, each page filled with the record of glorious deeds of patriotism, domestic purity and the truest piety, at the same time the book betokened the craft who laid the offering at his bier.

The four wreaths photographed in the window of W. J. Palmer & Son, Buffalo, were all arranged by that firm. One was ordered by Mrs. Mark Hanna, one by the people of Cuba and the other two by Mrs. Harry Hamlin and Mrs. Wm. Hamlin, of Buffalo.

The wreath of cattleyas and valley, by John Mangel, Chicago (Andrew Miller, artist), was ordered by the Unoin League Club of that city. It was three feet in diameter and contained 40 cattleyas, 275 valley and considerable adiantum. The price was \$125.00.

VALUES.

Replying to the inquiry of N. A. N., in my opinion the smilax plants should be valued at 20 cents each, single stem mum plants at 12 cents, roses 75 cents per plant, carnation plants 20 cents each. It is rather a hard nut to crack. St. Joseph, Mo. L. J. STUPPY.

ROSE NOTES.

In this series of papers which I submit to you on rose culture under glass, I intend to address more particularly the rising generation of growers, and in order to make them clear and plain shall use as few technical terms as possible, advocating no theories and giving only those modes of culture which I have used with success, or seen successfully practised by other growers.

One of the most essential things in rose culture is to start right. To have good healthy bushes that will give good flowers during the winter months, care must be taken to plant nothing but the very best stock and that is none too good, and in order to have good stock great care must be exercised in propagating.

Many of the diseases which in after life affect the rose are contracted in the cutting bench, either through lack of knowledge of the requirements of a cutting or through carelessness.

Opinions regarding the best style of a cutting are almost as numerous as growers, some persistently advocating one-eyed cuttings, while others as earnestly advocate two and three eyes.

Some again recommend that cuttings be taken from flower stems, while others are content to use blind wood entirely.

In such varieties as Meteor, Liberty and Beauty, where comes from the bottom are desirable, cuttings may be taken with three eyes, leaving two eyes above the sand and one at the base of the cutting. Many growers have condemned this practice, but as it has worked well with me, I give it for what it is worth, and recommend the young grower to give it a trial.

Such varieties as Bridesmaid and Bride do well with one or two eyes.

After many years experimenting, I do not think it makes much difference whether flowering stems or good strong blind wood be used, the after treatment of the cutting being of more importance. We must also take into consideration the expense attending propagating from flower stems. Few modern growers would care to denude their plants of buds when by reason of dark and short days roses are scarce and command their best price.

But whatever kind of wood is used, it ought to be carefully selected, rejecting all weak and sprawly wood, and taking only that which is in a half ripened condition and growing on the most vigorous and healthy plants, taking special care to pass by all those plants which have foliage the least shade off color.

In making the cuttings use a well sharpened knife. Make a clean, short cut, avoiding a long slicing. It is well to keep the wood immersed in water, and to sprinkle the cutting after it is made and previous to putting it in the sand.

By middle of December see that the cutting bench is in good repair, wash clean and give a coating of hot lime wash; remove all rubbish, as cleanliness is absolutely necessary to health.

Clean sharp river or pit sand, not too fine, is a good propagating medium. Put it on the bench to a depth of five inches, water well, then pound firmly with a brick. With a common butcher knife draw a straight line across the bench at a depth of one and a half inches; do not go deeper, as it is better to have every cutting touch bottom than to hang. Put the cuttings in neatly at from one to two inches apart, according to the size of the cutting (Beauties will require more room), press the sand firmly along the line, then proceed with another parallel to the first at two inches distance, water well and never allow the sand to become dry, as wilting at this stage is ruin. Syringe lightly, so as not to disturb the cutting, as often as necessary.

In shading, a very thin cheese cloth answers the purpose very well. This ought to be arranged in such a way as not to be too near the cutting and be easily removed in cloudy weather or just as soon as the sun ceases to shine on the bench, as cuttings will root much quicker by having all available light, and come out of the sand in much better shape than if grown in the dark. Temperature of the sand ought to be kept as near 60 degrees as possible, with a house temperature of 48 to 50 degrees.

By careful attention to these rules the cutting will be in a fit condition to pot in from twenty-eight to thirty days.

RIBES.

MISCELLANEOUS SEASONABLE HINTS.



Roses.

We are getting very changeable weather, that is, extremes of temperature in twenty-four hours, which is only seasonable. But this calls for great watchfulness. Perhaps more so than at any time of the year. Still there is hardly any excuse for mildew. There are more ways than one of keeping this scourge away. Flour of sulphur thrown over the foliage is often done but of doubtful utility and looks badly, and the first syringing washes it off and it is anything but a benefit to the soil. It is not the sulphur but the fumes of it that kills the spores of the mildew, and you get little of the fumes by dusting it on the leaves. Sometimes the sulphur is burnt in a hot shovel or other means. This should only be resorted to in extreme cases or when you want to kill a bad attack.

It is possible with vigorous growth and the most skillful management that mildew may never appear. Yet a preventive is much safer and I believe there is nothing so good for the purpose as sulphide of potassium. Dissolve a pound package in water enough to leave it about like thick paint, add an equal quantity of linseed oil, and then with a brush smear a spot here and there on the hot water or steam pipes. The beginner will say "How much?" On a hot water pipe a dab of seven or eight square inches every foot will do. On steam pipes less will do. The linseed oil has rather a disagreeable odor but you can easily put up with that if your roses are clean. This application will last several weeks, and when you put on a new dose scrape off the old or it will prevent evaporation from the pipes.

Greenfly is not at all excusable where steam is used because you can evaporate the liquid on the tops of the steam pipes or by filling a vessel with tobacco stems and putting a jet of steam into it produce a vapor impregnated with nicotine that will effectually stop all aphids. Some growers have an objection to this because they say the moisture caused by the vapor is inclined to induce a weak growth. As there are some splendid growers who don't make this objection there cannot be much reason for it. Where hot water is the method of heating much more trouble follows in keeping down greenfly. In spite of what some growers say the tobacco stems that I have ever procured if burnt in the usual way will curl up the petals and greatly disfigure the buds that are about opening. Especially is this true of the Bridesmaid type.

Fumigation is all right now, but when you are cutting fine roses it won't do. This is a good time to thoroughly clean them of all aphids. We have got along very nicely with the rose leaf extract of tobacco, diluted to one in ten of water. Put the mixture in some tin cake dishes or have dishes made three inches deep, six inches broad and one foot long. Put an inch of the tobacco water in the dishes and then by having some pieces

of old railroad iron an inch or so smaller than the dish and heated very hot but not red hot you can drop them in and will get a vapor that will settle the fly. It is rather a fussy method, but everything worth having requires work. We found that a house 20 feet wide needed a pan every 30 feet. A coal scuttle and a pair of steam-fitters' tongs will handle the iron all right, and the fire to heat the iron you always have with you from now on. If you are once entirely clear of aphids fresh tobacco stems tied in bunches and laid on the surface of the bench, suspended in chicken netting beneath the edge of the bench, or strewed on the paths if appearance is not of any consequence, will do much good. So much so that if you start clean and renew the

stems faithfully every week you will be little likely to see any aphids.

The other enemy of the roses is red spider. It is certainly less excusable to see red spider in a rose house in fall or winter than either greenfly or mildew, because pure clean water properly applied will most assuredly keep them away. Even if you syringe but three times a week and do it properly, it would effectually prevent the spider making any headway, and it is seldom you cannot syringe once a day. I am aware that all this is an old story to a good rose grower. But it is surprising how often I see men who are attempting to grow roses and do not yet know how to handle the hose. Remember, the spider is on the under side of the leaf, and there is where the water wants to reach.

While on roses let me tell you that there is no better time to propagate the Bourbon and hybrid tea, or any of the teas that are good summer bloomers. I have had occasion to speak once or twice this summer of the splendid qualities of the pink and white "Cochet;" and don't forget "Carnot," it is also a splendid summer rose, but Cochet for the florist's use is about unequalled. It is



Urn by J. C. Schubert & Co., Chicago, for the President's Funeral.

true we have Kaiserin Augusta for a fine white rose in the summer months, but it has to be grown under glass. Black spot in most localities hurts it badly out of doors.

There is a great demand for summer blooming roses every spring among our patrons, and my experience is that it is a most difficult article to procure. Plants that were planted out in the spring and lifted this fall and wintered in a cold-frame or cold-house, would be ideal for the purpose, but they would be costly from the labor that has been expended on them, so cuttings put in now will make very acceptable plants by next May and can be wintered in a low temperature; in fact, if absolutely resting during December, January and February, so much the better.

Without going into the quality or condition of the cutting, which has been pretty well thrashed out, I would merely say that any piece of wood, whether so-called blind or that bearing a flower, will do if it is of that age or ripeness that is found when the flower is about open. As you have plenty of material to cut from make the cutting with three eyes and put them in the ordinary cutting bench. I would just as soon put them on a side bench in a carnation house, or any house, in a few inches of sand without the slightest bottom heat. They will take a few days longer to root but are none the worse for that.

When first potted off a genial, warm temperature is needed, till they make roots in the pots; after that they will do in a night temperature of 40 degrees. In March shift into 3½ or 4-inch, and by planting out time you will have a young plant that will be most satisfactory for your customer or yourself.

If you wish to replant your bed of Kaiserins next March for summer blooming these plants propagated now and wintered cool are the very stuff you want.

WILLIAM SCOTT.

HYDRANGEA OTAKSA.

A subscriber asks: "What is the best thing to do with Hydrangea Otaksa to have them flower for Easter? They have been planted out in the field and are there now."

They must be good, large plants, because he says they did not flower last year. The subscriber lives in Germantown, Philadelphia, where it is likely they do not get a frost that would in the slightest hurt the hydrangeas before November 1st. I would say, leave them out in the ground until we have had one or two degrees of frost, which will ripen the wood. Then lift them, put them in a strong, well enriched soil, and still leave them out of doors in the pots as long as the weather is not too severe. They are better out of doors than under the greenhouse bench, and if frost comes gradually two or three degrees will not hurt them.

By the 1st of December they can be got on to the benches. For the first month give them about 50 degrees, gradually increasing the temperature until Easter day. The latter month they may need a temperature of 65 at night. They want a perfectly light house. Unnecessary to say that no pruning must be done or you will get no flowers. Pot firmly. Hydrangeas are such gross feeders and fill the pot with roots so densely that the last month



Urn by J. C. Schubert & Co., Chicago, for the President's Funeral.

some weak liquid manure twice a week will be found to be of great benefit.

W. S.

VERBENAS.

Growing in Winter.

Although the verbena is one of the easiest of plants to root and grow in spring and summer, yet there are frequently failures in handling it through the winter months, where it is desired to have a set of the improved named varieties to meet a special class of trade, and what is wanted cannot be had in seedlings.

Fall cuttings will not get rusty and black spotted if a few simple rules are adhered to during winter. They should not be starved, and do finely planted out about six inches apart in good rich soil, or trayed up and placed on shelves where they can droop over. The first early cuttings should be treated the same way, unless you have a house which does not go above 40 degrees at night, and they may then go into two-inch pots. Feed with manure water, if any signs

of weakness are noted, sulphur plenty for mildew and at all times give plenty of ventilation.

Your early plants will make fine three-inch plants for vases and boxes if placed along the edge of the bench. I tried some six and seven-inch pans for Easter. They were gorgeous and brought \$1 each.

J. O. E.

THE ASTER BUG.

If the Lebanon Greenhouse people have reference to the black bug which attacks our asters, I can tell them how to get rid of them. Four years ago I was visited by thousands of these bugs and tried all sorts of methods and ways to get rid of them. I used Paris green as I would use it on potatoes and found that it only killed a few. Finally I tried Paris green in a Seggato gun (this is a dry powder gun), and dusted the plants very lightly in the evening when the dew was collecting; the next morning the bugs were all on the ground and apparently dead, but as the sun got warmer they were all back on the

plants, and I repeated the dose of Paris green at once. This time it killed them.

I have found this an absolute remedy for these pests; that is, repeat the dose the next day after the first application. I have so far reduced the number of aster bugs here that this year there were very few.

W. W. Massachusetts.

CARNATION NOTES.

We have been having fine growing weather lately for carnations, and the plants are rapidly rounding into good shape for the work that is before them. Most all the varieties are throwing up flowering shoots and some of the earlier ones are loaded with buds and blooms. The mercury dropped below the freezing point on two mornings of the past week, but no fire was needed to keep the house up to 45 degrees. As long as the days remain warm and bright it will not be necessary to start the fires unless the temperature outside drops considerably below freezing. During the day the sun warms up the wood

plenty of air during these cool nights of September and early October as long as no rainy spell sets in. In case a cold rain sets in, such as we are liable to have in the fall, you must start the fires and run one pipe in each house to help keep the air dry, and a little sulphur sprinkled here and there on the pipe will help to purify the air, but do not make it strong enough to take the color out of the blooms. If the temperature runs up you must open the ventilators, and, in fact, you should have them up an inch or two on all possible occasions to keep the air fresh. The plants will bear both a higher or a lower temperature than the regular winter temperature if the ventilators are kept open, and in fact they are much better off than they are if the ventilators are kept closed and the temperature kept at just a certain point while they are making their fall growth. Later on when the blooms are developing you must keep them more regular to keep the calyxes from splitting.

But on whatever supports are needed to keep the growth upright and the

ing now, and it should be put on while the weather is still bright and the plants will commence to feed on it while the growth is strong and rapid. Be sure the manure is well rotted, and if at all possible use cow manure and put it on about one inch thick. If you have only green cow manure mix it with soil half and half, and let it lay a few days, when it can be used with safety. Give a good watering after it is put on and then examine carefully each time you water thereafter.

There is another thing you should attend to before wet weather sets in unless you have already done so, and that is to provide for next year's supply of soil. If you can get some good sod from an old pasture with about three inches of soil to it you can pile it up with one-sixth of manure added to it and let it rot over winter, when it should be turned over. Some of us find it quite difficult to get good sod anywhere near the city and to haul it from way out in the country makes it too expensive, so we must find some other way of getting good soil to plant in. Take a strip of good soil and after manuring it well plow it under and sow it down in rye, and in the spring when the rye is about a foot high take the soil about six inches deep with the rye and all and stack it up to rot just as you would sod, mixing in the same proportion of manure. By keeping the soil worked up well you can make a comparatively small piece of ground supply you with all the soil you need, and you will have the advantage of knowing just what needs to be added to grow good stuff after a season or two. A. F. J. Baur.

GLADIOLUS THE BRIDE.

Can gladiolus The Bride be successfully forced each successive year or should they be rested every other year?

I had a batch of them and planted some among carnations inside and some in the field. The ones among the carnations forced finely, but those planted in the field never came up. Can some one suggest the cause? S. S. P.

In answer to S. S. P. would say that he should by no means try to force Gladiolus The Bride two successive years. Perhaps he does not realize that it is not the same even he was forcing, but one that has been produced while the other bulb was flowering, and therefore it has not been produced under natural and proper conditions. Buy them fresh every year if forcing is proposed. Grown out of doors those produced in the field are all right.

If S. S. P. has been uniformly successful in forcing this beautiful little gladiolus he is fortunate. Some years ago I planted them in flats, put them in a cold frame and later brought them in as you would tulips, but got no flowers, or very few. I tried them afterwards in some carnation benches, not amongst the carnations, but along the edge. That method was fairly successful.

I believe the best way is to give them a light, sunny bench. Plant about five inches apart between rows and two or three inches between plants, but not with anything else. They deserve and want the full light and sun. At starting a temperature of 50 is all right, but later they will stand 60 or even 65 degrees.

WM. SCOTT.



Gates Ajar for the President's Funeral. By Z. D. Blackistone, Washington. Ordered by Emperor of Corea.

and the soil, which in turn keep the house warm over night, but do not under any circumstances close up the ventilators to get out of firing, as the atmosphere will become stuffy and foul over night if there is nothing to keep it moving. A good way to start disease, too.

What your plants want now is to thoroughly ripen the growth, and there is nothing that will do it better than

stems straight. Such varieties as White Cloud and a few others will lay over on the bench and grow crooked as soon as they get a little heavy on top, and need to be looked after closely right along. You know this as well as I do, but I just want to remind you so you do not put it off until some day when the weather is too bad to work outside.

All those benches that were planted in August or earlier will stand a mulch-



Open Book by American Rose Co., Washington, for the President's Funeral.

WASHINGTON.

The President's Funeral.

The readers of the REVIEW have no doubt read in the daily papers full descriptions of the funeral of the late president. When brought to this city his mortal remains were placed in the beautiful east room of the White House, and there under the soft radiance of the crystal chandeliers he lay cold and rigid in the narrow embrace of a leaden casket. It was in this room that with courtesy and dignity and with cordial grasp of the hand he had welcomed the people who loved him so well, but now the hands lay across his quiet breast, the eyelids were closed upon the sightless eyes and from his pallid countenance the gentle, kindly smile had departed forever. To one who had frequently seen the dead president in life and who admired him for his democratic ways and kindly heart as well as for his abilities as a statesman, it was an affecting sight.

But it is of the floral tributes that your readers wish to know. The most elaborate design made by the American Rose Company was a large book, of which a photograph and description have been sent you. I shall not attempt to give complete lists of the various arrangements, as it would fill an issue of the REVIEW.

At J. H. Small & Sons the largest and most elaborate design I noticed was a 12-foot standing wreath of valley and orchids on a base of long-stemmed

American Beauties, tied with immense streamers of purple ribbon. In this piece thousands of valleys were used as well as orchids.

A large 6-foot wreath of valley and orchids with sago palm leaves had a silver plate in the center bearing the name "Argentine Republic". It was very rich. The most attractive wreath of all was chiefly of cattleyas and natural palm leaves, with a plant of Cocos Weddelliana in the base, and large streamers of purple ribbon tied in a bow. This was ordered by the municipal government of Havana. A large 7-foot shield was made solidly of Kaiserins and Beauties bearing the emblem of the Philippines; and was very beautiful and costly. It was from the Eighth Army Corps, now in the Philippines.

At Small's I also saw a large number of other wreaths, mainly of roses, orchids and valley. Among these were tributes from Mrs. Garrett A. Hobart, Mrs. James A. Garfield, the governor and president of Costa Rica, Secretary Gage, Mrs. Hitt, Guatemala legation, Bureau of American Republics, Mrs. J. Addison Porter, Secretary Hay, City of Vicksburg, State of Iowa, Loyal Legion.

At the store of A. Gude & Bro. they were also crowded with work. I noticed a 6-foot wreath of orchids and valley, an 8-foot cross and crown, many large wreaths of valley and Beauties, a 10-foot Grand Army emblem, an 8-foot standing cross of red and many others.

At Z. D. Blackistone's I noticed a 6-foot wreath of valley, orchids and Beauties with the card of the Japanese lega-

tion attached; also a large cluster of Liberty roses on sago palms, a 6-foot standing wreath of valley with base of Beauties, draped with black mousseline de soie, which was very effective, a 10-foot standing cross of Liberty and Kaiserin roses.

I called on J. R. Freeman and found him at work on a huge wreath, with hosts of other orders to take care of.

Local florists seem to all have had a lot of work, but the orders would have been more numerous had it not been that so many society people have not yet returned to the city.

Various Notes.

Since the funeral of the president all kinds of flowers have been short in supply. Fine stock cannot be had at any price. Maids and Brides go at \$4.00 to \$6.00, La France and Meteor at \$6.00, Beauties at \$25.00 to \$50.00, carnations at \$2.00. Outdoor stock sells well at good prices.

J. Shine, of the firm of Shine & Davidson, has accepted a position in New York.

O. A. C. Oehuler has accepted a position in Butte, Mont.

Representatives of nearly all the florists' supply houses were visitors last week. F. H. KRAMER.

CANTON, OHIO.

The President's Funeral.

The floral tributes at the funeral of the late President McKinley, held here

last Thursday, were almost innumerable. A local paper gives what purports to be a practically complete list with the exception of those that came on the funeral train from Washington and from which the cards had been removed.

This list includes 102 wreaths, 25 bunches, 13 panels, 19 boxes of flowers, 13 flags, 10 pillows, 6 shields, 5 broken columns, 5 crosses, 5 urns, 3 sheaves, 3 gates ajar, 2 baskets, 2 cross and crowns, 2 anchors, 2 vases, 1 scroll, 1 crescent, 1 book.

The vault in which the mortal remains of the late president were placed is in a depression in a hillside and the floral tributes were arranged on the adjoining slopes, making them hills of flowers. Several wreaths were hung upon the front of the vault, but no flowers were taken inside. There were many representatives of florists in the large cities present to see that their designs were properly cared for and put in position.

The decorations at the church were arranged by Charles Lindacher, the florist of this city, and were very handsome.

BOSTON.

Trade Conditions.

We are gradually getting into better form, largely, perhaps, because rains have damaged the aster output and slightly affected the indoor crops. There is still a large amount coming into the city, however, and an increase in the demand is generally conceded. Good pinks come nearer to being scarce than any other seasonable flower, but the demand is fairly well supplied and prices are low enough on everything yet.

Naturally and rightfully the sad turn in national affairs will derange things a few days longer. Some few designs were sent to Buffalo and the generous drapings of the city utilized a certain line of floral supplies to quite an extent. M. B. Bunker assisted much in the tasteful appearance of many windows by supplying pictures of our lamented president very neatly decorated.

The printed rule hung in the elevated cars and prohibiting spitting in or from the cars or platforms at the stations

punishment to the same indecent practice in their floral parlors the results of their late auction sale would surely resemble the historical three dimes in comparison with the fund so produced. If a man wants to spit on the floor anywhere he cannot find fault if he is called upon to cough up a dime first.

It was learned with great regret that John J. Forbes' horse ran away a few days since, throwing him from the carriage, breaking his leg and badly bruising him. No florist has more sincere friends among his own craft than this same John J. Forbes, with his big body, big heart, big purse and big capacities, and we all hope for a speedy recovery.

The finishing touches to the Horticultural Hall drag rather slowly, but at a meeting a day or two since the building was formally accepted although yet unfinished. It is an open secret that the society fears a mistake was made in locating their new building so far from the business part of the city, even their grand opening failing to draw a satisfactory attendance. It was hoped the location and the grandeur of the projected building would awaken an interest on the part of the Back Bay community, but this hope is not yet fulfilled. Luckily nothing can derange their financial stability.

The E. M. Woods Co. is pushing its prestige as the leading rose growing concern of New England by starting upon the erection of an addition to their establishment, measuring 50x800 feet. Make quite a place all by itself to some people, wouldn't it?

Competition is sharp just now to see who will catch the first frost. Those residing on high land feel handicapped in this race, but that will not prevent their elevation from affecting their prices whenever the lowlanders sell out their outdoor crop to Jack Frost, the unequaled window decorator.

J. S. MANTER.

PHILADELPHIA.

The Market.

The cut flower market, which was greatly depressed by the cessation of business last week, has improved this week. Flowers are of better quality and are more in demand. Choice Beauties bring \$2.00 and \$2.50 per dozen locally, and occasionally \$3.00 on shipping orders, when especially fine. The price of tea roses is unchanged, but the quality is advancing. Carnations are improving and sell well; \$1.50 per 100 is obtained for everything worth having and \$2.00 for selected. George M. Moss is handling some fine Flora Hill which bring the latter figure. Asters are getting decidedly rusty; not so many good flowers seen. Dahlias are coming in in larger quantities; some of them are very fine; \$1.00 to \$2.00 per 100 is the price, a few fancy bringing \$3.00. Violets continue to improve. Leo Niessen is receiving more than last week. Smilax is still scarce, *Asparagus plumosus* being the principal green in the market.

Various Items.

Carnations have not done well in the field this summer, many of them being so small that the growers have to bunch several together in planting.

Richard Lange, of Tioga, is an excep-



Standing Wreath for the President's Funeral. By Z. D. Blackstone, Washington. Ordered by Emperor of China.

The designs at the church were about twenty in number, and were from the relatives and nearest friends. They were mostly wreaths and bunches of roses and orchids.

BLOOMINGTON, ILL.—Charles A. and William Saddler have purchased the Home Nursery Company's business and will assume the active management of it at once.

has been to be enforced, and of course the first man fined therefor is a florist, whose soul naturally Burns at the indignity. Is the fact that he was fined \$20, while about forty others are let off on a \$5 basis, a proof that florists are doomed to greater hardships than others or simply that they are known to be financially able to stand heavier fines than others? If the managers of the Park street market should apply a like



Wreath for the President's Funeral. By Z. D. Blackstone, Washington.
Ordered by Emperor of Japan.

tion to this rule, his plants, which are always fine, being fully up to standard. C. F. Knorr, of Lawndale, is bringing in some of his special brand of Brides and Maids, which have achieved an enviable reputation in the past.

Myers & Deserable, Glenside have a splendid lot of small ferns in 3-inch pots which are in good demand. The carnations at their Mt. Airy place are fully up to standard this season.

Diller, Caskey & Co., 6th and Berks streets, have succeeded Jennings Bros. in the manufacturing of iron greenhouse material. This will enable the Olney firm to devote their undivided attention to rose growing.

Edward Reid has returned from Dakota.

The Beauty growers who brought in crops during the past summer obtained very satisfactory prices. Chas. W. Cox, 2nd and Bristol streets, is more than satisfied with the results of his early planted house.

A local grower bought 2,500 asters, described as *Scamp's*, from an out-of-town firm. The asters were given good care but produced small flowers, evidently of an inferior strain. Inquiry has produced no response from the seller. To us this appears an imposition and should not be tolerated for a moment.

M. Rice & Co. have a very interesting collection of vases of iridescent glass in curious shapes and with more curious designs upon them. These are intended

for table decoration. They are beautiful and quite a novelty in a florist's supply house. This firm reports an encouraging demand for improved crepe paper, which is most effective for plant decoration.

Joseph Heacock's place at Wynote will be the Mecca for Beauty growers this fall, his plants being exceptionally well done.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Herrington has announced committees to examine chrysanthemum seedlings and sports on dates as follows: Oct. 5, 12, 19, 26, Nov. 2, 9, 16, 23 and 30.

Boston, Mass.—A. H. Fewkes, chairman, Horticultural Hall, Tremont street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Dailedonze, chairman, care New York Cut Flower Co., 26th street and 6th avenue; James W. Withers, C. Albert Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; Geo. Stollery, E. Weinboer.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Co., 416 Walnut street; James Allen, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be pre-

paid to destination, and the entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season before or after dates fixed can have the same passed upon by specially notifying the chairman of committees.

EDWIN LONSDALE, Secretary.
Wynmoor, Chestnut Hill, Pa.

Revised Scales of the Chrysanthemum Society of America.

Scale A.—Scale of points for bush plants and standards, single specimen or any number up to six in an exhibition where the class under consideration does not form the chief feature in the exhibition hall:

Equality of size and form of plants.....	40
Excellence of bloom.....	35
Foliage.....	25
	100

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall:

Excellence of bloom.....	40
Equality of size and form of plants.....	35
Foliage.....	25
	100

Scale C.—Scale of points for plants grown to single stem and one bloom. A height of not over three feet is recommended for plants in this class and pots not over 6 inches in diameter:

Excellence of bloom.....	40
Compact and sturdy growth.....	35
Foliage.....	25
	100

Scale D.—Scale of points on specimen blooms for commercial purposes:

Color.....	25
Form.....	25
Fullness.....	15
Size.....	15
Stem and foliage.....	10
Substance.....	10
	100

Scale E.—Scale of points on specimen blooms for exhibition purposes:

Distinctiveness.....	25
Color.....	15
Form.....	15
Size.....	15
Stem.....	10
Foliage.....	10
Fullness.....	10
	100

BUFFALO.

Frost and Other Things.

We are more fortunate than many localities near us, for we have escaped frost. Flowers are in abundance. Roses and carnations from under glass are coming in. Ethel Crocker, whatever its faults, is worth growing for a fall crop, for at this time of year there is no variety of its color that will give you the sibe of flower and length of stem. In localities where no serious frost appears before November 1 a whole lot of money could be picked off them.

Fort Erie crews closed on Thursday last after a steady run of three months. This is not a floricultural item, only several Main street florists will now be seen more steadily behind their counters.

During carnival week at the Pan-American there is to be a flower parade, when several hundred automobiles and more antiquated vehicles will be in line. Look out, brother florist, the demand for flowers must be great. It occurs Thursday, October 3.

Tuesday, the 1st, there will be a baby show. I hear that W. A. Adams, J. H. Rebstock, S. A. Anderson, Alex. Scott of Corfu and W. Belsey have entered their latest product. Size will score 50 points, beauty 49, and parentage 1 point. So any old father will do.

Pan-American.

The grounds are looking as good as ever, excepting what a severe blow did to the taller growing plants. At last the wonderful display of gladiolus which Messrs. H. H. Groff, of Simcoe, Ont., and his colleague, Arthur Cowee, of Berlin, N. Y., have kept up for over two months, is at an end. About a quarter of a million spikes have been staged, and in variety and beauty of flowers it is quite safe to say that it surpassed anything ever before seen in the gladiolus line. Mr. John Fay Kennell, of Rochester, keeps up his splendid exhibit of the variety "1900."

The dahlias exhibit opened with several fine tables of bloom. The largest exhibit came with the owner, H. F. Burt, of Taunton, Mass. He staged some splendid flowers in many classes. The next largest exhibit was from James Vick's Sons, of Rochester, who entered in ten classes. W. P. Lothrop, of East Bridgewater, Mass., entered in four classes and sent very fine flowers. Of all the flowers the cactus section, exhibited by Mr. Burt, attracted the most attention. They are truly beautiful flowers. If they can be grown with any stem they surpass for decorative use by a long way the more stiff and formal show varieties.

Though not floriculture, it is worth mentioning just now, that the display of fruit in the Horticultural Hall is well worth a long journey to see. It is not only a great display of all our temperate zone fruits but you can see the products of Florida, the West Indies, Mexico and our Pacific slope. From now till the close of the fair will be the greatest show of fruit. W. S.

NEW YORK.

This is a very busy week for almost every one connected with the trade here. Our auctioneers will be too busy talking to do anything else this week, for there are no less than seven plant auctions this week. Only the few know why things are so hunched. It seems to the uninitiated rather a mistake. The buyers haven't time to calculate. Yesterday was Dreyer's annual sale at Woodside. The affair was a good success. Some of the plants, notably tall kentias, brought more than could be got at private sale. Wipperman, of Brooklyn, was a large buyer of ferns; he got 2,000 at 2½ cents. Schmutz went for Araucaria excelsa at big prices, and Mike Laylor, the wit of the gathering, plunged on small areas. Alf Zeller had his eye on dracænas and rhaps, and there were one or two hotel men there who got their plants for less than they would have to pay the retailer. Auctions in this sense are a drawback to the business, but I suppose this is a free country and there is no trust on poor plants. We have a three-day flower show which opens to-day at the Berkeley Lyceum. It will be principally of dahlias and well let them alone till next issue.

Business is picking up on all sides, though many seem reluctant to admit it. Dutch bulbs are good and Japan longiflorums came in last week. If you happen to go on any of the boats plying round New York you are apt to be blocked by cases of bulbs going from those who have the good sense to advertise in this paper. There promises to be plenty of bulbous flowers this winter.

Cut flowers are daily getting better and prices are, according to the demand, raising little by little. Violets have appeared. Some we saw from Stanton Rockefeller, of Rhinebeck, at Thomas Young, Jr.'s, were exceptionally sweet and fairly good for the time of the year. This time last year some good mums were seen on Broadway; so far there is no indication of any coming to the market, in fact they seem all far behind time.

The general plant trade is good, very good considering of course there is no one in town yet, but the store men must have their stock and in this sense we mean business is good from the growers' point.

There is nothing specially exciting in florists' circles. All is preparation for the great show in Madison Square Garden next week. Wm. Plumb has been appointed manager, and that ought to please quite a crowd, but the club will have to give the public something far above the ordinary American flower show to make things pay this time of the year.

The latest we have to write about is the possible formation of two more bowling clubs in this city. Last night a few of the boys from the wholesale district got together on the alleys and decided to organize. They will issue a challenge to the boys in the retail stores next week. Now some persons may commence to think that there is some measure of opposition in this matter; let us assure all that there is nothing of the kind contemplated. There is a vast army of young men in this town who do not now belong to any florists' club or society. The bosses are not wanted in this party; it is thought that the employees ought to have some fun to themselves. We know this paper will always be at the service of everything that will elevate man or master; both are alike to us. But as to the scores:

Wm. Sampson	128	140	150
H. C. Riedel	130	125	136
G. E. Ford	129	139	145
A. Hunt	140	135	125
A. Riedlinger	132	144	125
Ivory	125	140	150

The New York Florists' Bowling Club held their annual meeting on the Arlington alleys last night. There is a new infusion of life in this club since it won something at Buffalo and there promises to be a team here able to meet any in the country. At last night's meeting Wm. Siebrecht was elected president, Theo. J. Lang captain, Fred Lentz secretary, Alex Burns treasurer. Lentz broke the record among the florists last night. He averaged 201 in the four games. The scores were:

Traendly	99	139	118	120
Lang	173	202	172	170
Ryan	132	129	123	
Young	92	152	130	99
Sheridan	139	119	117	123
Theilmann	167	140	152	145
O'Mara	116	154	141	143
Lentz	220	150	198	208
Siebrecht	141	192	141	137
Plumb	132	107	111	69
Merriman	80	95	121	212
Manfield	92	118	171	156

J. I. D.

ST. LOUIS.

The Market.

The cut flower trade remains stationary. We are not receiving the large shipments of roses each morning that we were a week ago, owing to a few days of very cool weather, though enough are still coming in to supply the demand. Choice stock has a good demand and

will have from now on. The wholesale men claim that the shipping trade is improving greatly. A great deal of the rose stock is still small, showing that it has been cut from young plants. Some extra fine Brides and Maids were seen the past week, which brought as high as \$4 per 100; Motors and Perles the same price. As the bulk of the stock is small, the average price is about \$2 per 100. Beauties have been somewhat scarce of late, that is, fancy stock; plenty of shorts in the market that sell from \$2 to \$5 per 100; fancies as high as \$1.50 to \$2 per dozen.

Carnations seem to come in a great deal better and each week sees improvement. The bulk are sold at \$1; some fancy stock as high as \$2 per 100. Flora Hill and Triumph are the best in the market at present. Asters are all cut out now and only a few come in, which sell very slowly. Some fine valley sold well the past week at \$3 and \$4; this flower always sells well when at its best. Smilax is again in the market, but small; this seems to sell well at \$12.50. All other green has a good demand.

Notes.

Lloyd Vaughan, the popular salesman, representing E. H. Hunt, Chicago, spent a week with us. He is doing more business than ever.

Last week Fred C. Weber had to undergo a very painful operation on his shoulder and is now doing nicely, although he will not be able to bowh with us for about three weeks.

The two daughters of our friend J. Austin Shaw were in town the past week with "The Burgomaster" company at the Century theater. They are very clever girls and made quite an impression on several of the florists who went to see them.

C. Young & Sons Co. are now sending out their fall catalogue, which is quite attractive. They are very busy just now filling bulb orders for the fall trade.

Gus Eggeing, on Grand avenue, reports that he will have a fine lot of cut chrysanthemums this fall, which he expects to exhibit at the fall show. So look out for him.

Mrs. and Mrs. Ed. Buechel, of the Riessen Floral Co., returned from their northern trip two weeks ago. They report that trade has been very good all summer. They will again have charge of the decorations for the great Velled Prophets' ball. It will be decided in a few days whether the ball will be held in the Merchants' Exchange hall or the Coliseum (Exposition building).

George Waldhart's place on Grand avenue looks well; it's filled with the choicest plants of all kinds.

Mrs. M. M. Ayers and Mary Ostertag, the other Grand avenue florists, have their places also looking snow white with fresh paint and well filled with fine palms and plants of all kinds. The Grand avenue folks are ready for a good winter's business.

Show Matters.

Chrysanthemum show matters are progressing very satisfactorily, from the reports of the different members of the committee. They expect to meet each week from now on to work on the prize list, which they expect to have out by the end of October. The show will be as large as ever and, as the location is better, should make some money. The show will last three days, Novem-

ber 13, 14 and 15. Fred Meinhardt is president and chairman this year; Emil Schray, secretary; and C. C. Sanders will again look after the financial part. The other members of the committee are: George Windler, Frank M. Ellis and R. J. Mohr. The above are all hard working members and the club can safely look forward to a good and successful show.

Variou Items.

Mr. and Mrs. M. S. Carr have opened a floral department in the Lindell Hotel drug store, corner 6th and Washington avenues. Mrs. Carr was formerly with Alex. Siegel at the opposite corner.

Mr. J. T. Williamson, of Memphis, Tenn., was a visitor the past week. Mr. Williamson was at one time one of the largest shippers to St. Louis.

Bowling.

The Florists' Bowling Club, which joined hands with the St. Louis Tenpin League, is now composed of the following members: J. J. Beneke, captain; A. Y. Ellison, representative to league meetings; C. A. Kuehn, John Sturtz, Robert F. Tesson, John W. Kunz and William Adels. The season will open October 7 and twelve clubs will compose the league. The boys are entered under the name of "The Florists" and expect to make a good showing, as they are considered as strong as any of the other clubs which have entered. We are averaged at 811 in three games for five men. The Review will keep our eastern brothers posted as to our standing during the bowling season.

The league team was out in full last night and rolled six fair practice games. John Sturtz was our high man with 174 average, Kuehn second, Ellison third. The scores were as follows:

	1	2	3	4	5	6	Total Av.
John Sturtz...	167	169	151	191	202	170	1061 174
C. A. Kuehn...	147	184	174	121	195	158	945 158
A. Y. Ellison...	141	192	139	148	176	929	929 155
J. J. Beneke...	145	156	124	123	177	171	896 150
R. F. Tesson...	121	82	87	125	129	686	115
P. M. Ellis...	128	132	132	115	102	112	742 124

CINCINNATI.

The Market.

Nothing could be more satisfactory than the weather we are having at present. Cool nights and moderately warm sunny days are the rule, and consequently all kinds of stock is rounding nicely into shape. During the past week there was a very slight frost in some localities, but not enough to do any visible damage. Business has taken a decided boom, and the commission houses are cleaned up every day by noon. There is a pretty good supply of stock coming in also. Business is averaging better than for the same time last year. Asters comprise the largest supply of flowers; they come from the north, are of very good quality and sell for from \$1.00 to \$2.00 per 100. Roses are coming better than last week, with prices about the same. Beauties are advancing slightly. All varieties are held stiff at quoted prices. Carnations are still very scarce. There seems to be no increase and no chance for an increase in the supply for some time to come. The price has not changed since last week.

The Fall Festival.

The fall festival, which is now running in full force, has perhaps helped to give our business a boost, more than

was anticipated. The parade on Friday used a great many flowers. The florists were represented by a float, which did them a great deal of good and was much talked about. The flowers used in its construction were mostly asters. Large and small palms and wild smilax were used with great taste. The whole was contrived to represent a queen seated upon a throne with flower girls standing and reclining at her feet (of course these were the real article and not made of flowers). On each side of the throne were large horns from which bouquets of flowers were falling. In front was a fountain of running water banked with palms. The whole was covered with arches made of asters. The effect was beautiful and it was given a great reception along the entire line of march.

Friday was the day for the floral exhibit at the Fall Festival. Two prizes were offered—one for the best designs, five in number; this was divided into three prizes, 1st, 2d and 3d. And one for best single design. There were but two entries, these being made by Hardesty & Co. and George & Allan. Hardesty & Co. secured first prize for both classes. Their designs were: A large shell, made of pink and white balsams and rose geranium leaves, a center table decoration of Meteors, a swan boat on mirror, an eagle and a crown. In the construction of these designs they used the best flowers to be had and the workmanship was of the highest. For a single design they secured first prize with a large urn. This was a model of its kind as to shape and flowers used, but was perhaps a trifle too conventional.

George & Allan secured second. They exhibited a large horseshoe, a cross, a harp, wreath on easel and an anchor and capstan. The latter was by far the best design in the lot, it being extra well done. For best single design they exhibited an urn also; this was more graceful but hardly up to the standard of Hardesty & Co.

The Roschank Co. were represented by a very nice display of ferns, palms and orchids.

On Thursday, September 26, there will be another competition. This time the designs will be entirely lodge emblems. The prospects are that this will call out some fine examples of florists' work.

The judges for the past exhibit were J. Baer, B. P. Critchell and R. A. Kelly.

A Floral Urn.

But one floral piece was sent from this city to the funeral of our honored president. It was a large urn over six feet high, made by Julius Baer and sent by the Traveling Salesmen's Club. It was one of the most beautiful designs ever turned out by Mr. Baer. In its construction he used asters for ground work, with Meteors, Beauties, valley, Brides, in crosses and orchids. In the top two dozen long stemmed Beauties were placed. The piece was given a place of honor at the left of the vault at the funeral.

For the first time in eighteen years the statue of Garfield at Race and Eighth streets was decorated in honor of the martyred president. A very large wreath made of oak leaves was hung at the foot of the statue. It was designed by Miss Bessie Critchell and was an excellent example of this young lady's artistic taste.

(Continued page 518)

PAPER

YOUR CHOICE,

White or Manila Wax, 100 sheets, 40c; per ream, \$1 35.
 1500 Reams Manila Tissue, the best grade we ever had, per ream.....48c; 10 reams, \$4 50.

SPECIAL -- Made to order for us, 20 Tons Wrapping Paper, only two sizes rolls, 30-inch, per lb., 3¹/₂c; 48-inch, per lb., 3¹/₂c.

The price may seem high, but you get at least one-third more yards to the 100 pounds than you do on regular stock paper. If it is good enough for us, it is for you.

Current Cut-Flower Price List.

BEAUTIES

20-inch stems, per doz.,	\$1 50 to \$2 00
15-inch stems, "	1 20
12-inch stems, "	75
Short	per 100, 3 00 to 4 00
Bridesmaids	per 100, \$2 00 to \$5 00
Meteors	" 2 00 to 4 00
Perles	" 2 00 to 4 00
Carnations	" 1 00 to 1 50
Auratum Lilies, per doz.,	2 00
Glaudioli	" 25 to 50
Asters	per 100, 1 50 to 2 00
Valley	" 4 00 to 5 00
Asparagus, per string,	60 to 75
Adiantum	per 100, 75 to 1 00
Smilax	per doz., 1 50 to 2 00
Galax, green	per 100, 1 50
"	" 20
Galax, bronze, per 100,	1 75
"	" 20
Ferns	per 100, 1 50
"	" 20

Asparagus Sprenger and Asparagus Plumosus Sprays, per 100, \$1.00 to \$3.00

Prices subject to change without notice.

Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS,

and Dealers in all kinds of

FLORISTS' SUPPLIES,
 42 and 44 E. Randolph St.
CHICAGO.

SAMUEL S. PENNOCK,

Long Distance Telephone.
Specialties:
American Beauties.
Lily of the Valley.

Ribbons of every shade and color.
Sample card on application.

1612-14-16-18 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write

VALLEY LEONIESSSEN,

IN ANY
QUANTITY.

THE BEST
IN THE MARKET.

Wholesale Florist,

Will be open from 7 a. m. until 9 p. m. after October 1. LONG DISTANCE PHONE 3-36-09. N. W. Cor. 13th & Filbert Sts., PHILADELPHIA, PA.
Mention The Review when you write

Notes.

Wm. Murphy has just returned from Snow Island, where he has been to get rid of hay fever. He comes well stocked with fish stories, and, being a wise one, he has photographs to prove what he says. It might be well for some others in the craft to follow his example.

Charlie Jones has bought the store of J. W. Rodgers on East 4th street, and with Miss Kirk in charge is doing a fine business. This is a good stand and we wish Charlie great success.

Mr. Frank McGregor, of McGregor Bros., Springfield, Ohio, was a caller.
C. J. OLMER.

DAVENPORT AND ROCK ISLAND.

There is quite a bit of greenhouse building going on in the three cities of Davenport, Rock Island and Moline.

In the Davenport city park two nice houses 20x100 are being built, using the Garland iron gutters. Ewald Bros. are building two carnation houses, each 20x100, and Otto Klingbeil is putting up a violet house 12x100.

In Rock Island John Stapp has built three fine houses 24x100 for carnations, using the Garland iron gutters. A new firm (Meyers & Behring) has started in Rock Island with two houses 12x100, for retail business.

Business has been very good, though nothing to brag about, as stock has been scarce.
O. K.

SCRANTON, PA.—A temporary receiver has been appointed for the firm of Geo. B. Clark & Co., florists, on petition of creditors.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—Steady position, by sober, conscientious man; experienced in growing cut flowers, bedding plants, etc.; give particulars, will reply to same. Address A. Z. care Florists' Review.

WANTED—Two helpers for rose sections and one for carnations. J. F. Wilcox, 321 Broadway, Council Bluffs, Iowa.

WANTED—Young man, for general greenhouse work; state wages, with room; also references. Gift's Floral Co., Richmond, Ind.

FOR SALE—250 feet 1½-in. pipe. Fine condition, with some fittings; make best offer per foot. D. M. Alexander, Westerville, Ohio.

FOR SALE—Fine greenhouse plant; 20,000 sq. ft. of glass. Full particulars from Illinois, care Florists' Review.

FOR SALE—12,000 sq. ft. 12½ double strength glass; second hand, good as new, at \$4.25 per box. Joseph T. James, Park Ridge, Ill.

FOR SALE—35 boxes double strength 14½ x A and B new glass; \$6.25 for A and \$6.00 for B; also one No. 16 Hitchings hot water boiler; seats 1,000 feet of 4-inch pipe—\$100. Carl Kautz, 506 N. Sixth Street, Springfield, Ill.

SITUATION WANTED—Young man, with some experience in general greenhouse work, desires position on private or commercial place; willing and careful worker; strictly temperate habits; state wages. Address W. L., care Florists' Review.

SITUATION WANTED—As foreman on commercial place where roses and carnations are a specialty; was foreman for Wietor Bros., Chicago, for several years; or would lease an up-to-date greenhouse plant of 25,000 or more feet of glass. Address L. Collins, West Toledo, Ohio.

WANTED—A good all-round man, capable of taking charge of small retail place and doing general greenhouse work; state wages wanted, with board. Wheeler Floral Co., Mason City, Iowa.

WANTED—A section foreman on carnations and plumose; \$7.00 wages. Fred Burk, Bellevue, Pa.

FOR SALE OR RENT—Or will sell half interest—florist and vegetable gardening business; Pittsburg and Allegheny markets for products. For particulars address Florist, Box 143, Etna, Pa.

FOR RENT—Stocked greenhouse, 21 x 100 ft.; two-story boiler house, all new; cause for renting, ill health; terms reasonable; possession given at once. Address B. J. Geiger, Columbia place, Indianapolis, Ind.

WANTED—Good second-hand pipe—300 feet of 1½-inch and 200 feet of 1½-inch and 150 feet of 2-inch; state price and condition. Address Poole & Furlant, Florists, Bellefontaine, Ohio.

FOR SALE—Some 4-inch hot water pipe; guaranteed sound; 100 per foot f. o. b. Philadelphia. Samuel J. Bunting, Elmwood ave. and 36th st., Philadelphia, Pa.

FOR SALE—The Florists' Fair chance: old established, well located, paying floral business in St. Louis, Mo.; splendid chance for practical florist; thorough investigation solicited. Address No. 104 Union Trust Building, St. Louis.

FOR SALE—Two Hitchings' boilers, No. 16 and No. 17. A. Claus, Springfield, Ill.

FOR SALE—35 boxes of second-hand 8 x 10 A glass, Alex. Ward, Hamilton ave. and Horton pl., St. Louis, Mo.

FOR SALE—Some extra good second-hand 3-in. pipe at 6c per foot; also some 4-in. guaranteed sound. W. H. Salter, Koebcher, N. Y.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6.00. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

For Sale or Rent.

Two greenhouses, in perfect repair; suitable for flowers, bedding plants and violets; less than one hour to Boston market; plenty of land; violet plants for sale. Address

MRS. WM. FERGUSON, Foxboro, Mass.

WHOLESALE FLORIST,

PHILADELPHIA, PA.

GEORGE M. MOSS,
WHOLESALE FLORIST,
32 S. 17th St., PHILADELPHIA, PA.

Long Distance Telephone 1-43-30 D.
Consignments of first class Carnations, Roses and Violets solicited.

Mention The Review when you write

PITTSBURGH CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburgh, Pa.
Mention The Review when you write

FOR SALE.

A fine piece of property for florists' purposes in Baltimore.

I offer for sale a ten acre lot fronting 550 feet on the north side of the New North Boundary Ave., with a frontage of 800 feet on St. George Ave. (50 feet wide), and a 50 foot ave. to the east, giving three fronts, that is especially desirable as a location for a florist. It is all in lawn except immediately around the house. Improvements are a 12-room dwelling and No. 1 outbuildings, all in good repair. The neighborhood is well built up and is only 24 minutes from the city hall. County taxes and city conveniences. Five-cent car fare; car every three minutes; all night cars. Only four squares from the cars.

Price \$15,000. Terms easy. Address BALTIMORE, care Florists' Review.

PANSY SEED GIANT OF CALIFORNIA.

Having bought all the seed of Giant of California from the grower and wishing to build up a trade amongst the leading florists of the United States and Canada, I will send out the first 10 lbs. as follows: Trade package, 25c; ½ oz., \$1.00; 1 oz., \$4.00, free by mail.

Giant of California is the largest strain of Pansies in the world, some measure 5 inches in diameter, consisting of 22 colors, all having very large eyes. A trial will convince you.

Seedsmen's orders not accepted. (CASH.)

PLANTS, \$1.00 per 100.

A. Mitting, Loomis, Cal.

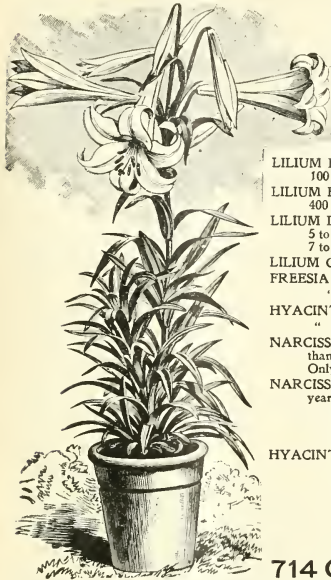
Mention The Review when you write

Bouvardia Rosea Multiflora, Pink.

Strong plants from field, \$5.00 per 100. CASH.

CHARLES E. MEEHAN,
Slocum and Musgrave Streets,
Germantown, PHILADELPHIA, PA.

Mention The Review when you write



Mention The Review when you write.

Dreer's Reliable Bulbs

We have now in stock a full line of Dutch, French and other bulbs, all in the finest possible condition. A full list of same, with prices, will be found in our current Wholesale Catalogue. If you do not have a copy will be glad to send one to any florist. Your attention is directed to the following few specialties:

- LILIU LONGIFLORUM (Bermuda grown), 5 to 7-in bulbs, nice firm stock, \$4.25 per 100; or \$16.00 for a case of 400 bulbs.
- LILIU HARRISII, 5 to 7-in. (the only size left), \$4.25 per 100; or \$16 00 for a case of 400 bulbs.
- LILIU LONGIFLORUM (Japanese grown), extra fine stock, mostly single crown bulbs, 5 to 7-in., \$2.00 per 100; or \$9.00 for a case of 500 bulbs.
7 to 9-in., 4.25 " " 12.00 " " 300 "
- LILIU CANDIDUM..... good firm bulbs, \$4 50 per 100, \$40.00 per 1000
- FREESIA REFRACTA ALBA, good firm bulbs, 1/2-in. dia., .50 " 4.00 "
" " " " 1/2 " .60 " 5.50 "
" " " " 13 to 15 " 2.75 " 25.00 "
- HYACINTHS, WHITE ROMAN (scarce), 12 to 15 centi, 2.50 " 22.00 "
" " " " " 13 to 15 " 2.75 " 25.00 "
- NARCISBUS, PAPER WHITE GRANDIFLORA, 12 centi. bulbs. These are smaller than our selected bulbs which we offer at \$9.00 per 1000, but are good sound stock. Only a limited quantity of this size at \$6.00 per 1000.
- NARCISBUS, DOUBLE VON SION. We have the finest lot of these received in many years. We have three grades:
Extra selected double nose bulbs, \$2.00 per 100, \$18.00 per 1000.
single " 1.50 " 14.00 "
Extra fine " 1.25 " 10.00 "
- HYACINTHS, SINGLE DUTCH, for forcing, \$3.50 per 100, \$32.50 per 1000.

We will be pleased to quote special prices on large lots. Send in your orders early before the choicest stocks are sold.

HENRY A. DREER,
714 Chestnut St., PHILADELPHIA, PA.

PANDANUS VEITCHII

SHOWY FOR DECORATING AND MORE DURABLE THAN BLOOMING PLANTS.

6-inch pots, \$1.00 each, \$12.00 a dozen.
7-inch pots, \$1.50 each. 8-in. pots, \$2.00 each.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R., Germantown, - - - PHILADELPHIA, PA.

Mention The Review when you write.

BALTIMORE.

Trade Conditions.

We are having fine, hearty autumnal weather now in this latitude, the nights cool but yet without frost and the air and sun warm and balmy through the day. For the week ending with this date (September 23) trade has been fairly good. The cool nights and some dull days have made the supply of flowers somewhat short. Asters are over, outdoor roses have fallen off in quantity, cosmos and dahlias are coming in, the latter not abundantly. American Beauties are, for this market, more plentiful than usual; indoor roses, Brides and Maids especially, are small in size. Very few carnations, either from inside or out, are coming in. Greens are overplentiful—asparagus and sim-lax. Asparagus decumbens can hardly be said to be in the trade here as yet. A great quantity of violets has been planted this season, but so far none are in the market.

Carnation planting is about completed, and some related planters find it difficult to get small quantities to finish out when needed; whites are not to be

had. There is not much change in the sorts in favor for a year or two past. Scott and White Cloud have been dropped by some, but there are others who continue to grow them. For white, Flora Hill and Lizzie McGowan will lead; Crocker, Lord and Joost are the favorite pinks; America and Crane lead the reds, while in this color Mack Richmond is a local favorite still.

The firm of Welsh & Perry has dissolved. Mr. J. J. Perry retains the store, on Gay street, and Mr. Philip B. Welsh will run the greenhouses on the Old York road as heretofore.

The Gardeners' Club held a dahlia show today (September 24) which was largely attended, the crowd in the evening being so dense that it was practically impossible to inspect the exhibits, which included, besides dahlias, foliage plants, cannas, designs, etc. The debated influence of the separation of the hours for the "patronesses," who included, as the daily papers say, "many fashionable women of the city and county," who had paid an associate membership fee to the club and those who later came in free, was not apparent at all. The club will hold a chrysanthemum show in November.

Dutch Bulbs Ready.

NEW CROP PANSY, CINERARIA, CYCLAMEN.

PANSY, SUPERB MIXED,
1/2 ounce 75c; 1 ounce.....\$5.00
CINERARIA, GIANT PRIZE,
Trade packet..... 50c
CYCLAMEN, CALIFORNIA GIANT,
1000 seeds.....\$6.00

Write for full catalogue if not received.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

The Florists' Manual



Is a book that you need in your business.

If you haven't a copy already, order one now.

CHICAGO.

The Market.

The supply is still short of demand, and this is especially so in carnations. Of carnations any good stock of shipping grade brings \$1.50, and there is not much variation from this figure. A few fancy Hills have brought \$2.00, and some lower grade colored stock has sold at as low as \$1.00, but the average runs very close to the \$1.50 mark. Roses are still \$4.00 to \$5.00 for shipping grade. There is more variation in quality in roses, though, and much stock is sold at \$2.00 and \$3.00, and some even at \$1.00, while a very few fancy Kaiserinas have brought \$6.00.

Asters have improved somewhat in quality and some fine stock has brought as high as \$2.00, though the average is nearer \$1.00. Gladiolus are still in the market, but only the light colors sell; the others won't go at all. There is an increased call for adiantum and asparagus in bunches, which were in such poor demand but ten days ago. Smilax is a little more plentiful but inquiry is equal to the supply.

So far this week the weather has been quite warm, having made a sudden change from the cold and rains of last week. If these conditions continue it is likely that the supply will soon be ample to meet all demands. But today (Wednesday), the wind is again in the north and another cold wave with possible frost is likely.

Club Meeting.

The first regular meeting of the Florists' Club for the present season was held last Friday evening at 40 Randolph street. A good deal of routine business was transacted, and it was decided to invite Mr. Walter Heffron to read a paper at the next meeting, Oct. 4, on "Handling Cut Flowers as Received from the Grower." At that meeting a program for the winter season will be planned and a full attendance is especially desired.

Various Items.

Thos. Fogarty, of Friedman's, and Henry Rowe, of Schubert's, went to the president's funeral at Canton, Ohio, last week, to set up the large designs ordered by the Business Men's Association.

The new series of league bowling games will start next Tuesday evening at Worden's alleys. There will be four teams—Growers, Wholesalers, Retailers and Miscellaneous.

Mr. and Mrs. P. J. Hauswirth and Miss Annie Kreitling have returned from their eastern trip.

James Annot Penman, who for many years was the American representative of the publishers of Nicholson's Dictionary of Gardening, with headquarters in New York, died in this city Sept. 16, and his mortal remains were laid to rest in Mount Greenwood Cemetery.

Kennicott Bros. Co. report their first special sale of supplies a decided success. Flint Kennicott will soon start for a two weeks' vacation in Missouri for the benefit of his health.

Julius Niessen has resigned his position at Wienhoerber's and is seeking another opening.

Mr. H. Hunkel, of Holton & Hunkel, Milwaukee, was a visitor Wednesday.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF
AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON

STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.32, 34, 36 Randolph St.
CHICAGO, ILL.

Mention the Review when you write

BENTHEY & CO.

F. F. BENTHEY, Manager.

WHOLESALE AND COMMISSION Florists. Consignments
Solicited.

35 Randolph St. CHICAGO.

Mention The Review when you write.

WIETOR BROS.

Wholesale
Growers of. Cut FlowersAll telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....WHOLESALE
GROWER OF

CUT FLOWERS

PETER REINBERG,

Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS.
Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

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G. A. KUEHN

WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

The Cincinnati
Cut Flower Co.,416 Walnut St., Wholesale Florists.
CINCINNATI, O.Consignments Solicited.
Special Attention given to Shipping Orders.

Mention The Review when you write.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS



H.G. Berning

WHOLESALE
FLORIST,1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var. trailing, large, \$5.00 per 100. Cash, please. O. F. Searies, L. B. 238, Nashua, N. H.

AGERATUM.

Ageratum, noted cuttings, 50c per 100. Cash, please. O. F. Searies, L. B. 238, Nashua, N. H.

ALOES.

Very fine plants of Aloe picta, A. picta and striped centaur at \$1.50 per doz.; small size. S. Mrs. M. E. Patterson, Glendale, Cal.

ALYSSUM.

Double alyssum, bushy, 4-in., 6c. S. S. Peckham, New Bedford, Mass.

ARAUARIAS.

ARAUARIA EXCELSA. The best value we have ever offered in this plant.

Pots.	High.	Tiers.	Each.
4-inch	6 to 8 in.	2 to 3	\$ 5.50
5-inch	10 in.	2	7.50
6-inch	12 to 14 in.	3	1.00
7-inch	20 in.	4 to 5	1.50
8-inch	24 in.	4 to 5	2.00

ARAUARIA EXCELSA GLAUC.

Pots. High. Tiers. Each.

3-inch	5 in.	1	7.75
4-inch	15 in.	4	1.50

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Arucaria excelsa, fine plants, 6-in. pots, 12 to 14 inches, 3 to 4 tiers, \$1.00 each; \$12.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each; \$18.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

Arucaria excelsa, two large plants for store, 6 ft. tall. Also one large tree fern Aisophia. Write for prices and description. Spy Hill Conservatories, Fishkill-on-Hudson, N. Y.

ASPARAGUS.

Asparagus Sprengeri, 2 1/2-in., 30c in., 10c ea. 25 4 1/2-in., 15c ea. 20 6-in., 20c in. A. plumosus, 2 1/2-in., 15c ea. 20 6-in., 20c in. No wholesaler could sell you plants like these. We need the room. All sizes are ready for a shift. J. Sylvester, Oconto, Wis.

Asparagus plumosus nanus, 2 1/2-in., \$1.00 per 100. Sprengeri, 2 1/2-in., \$3.00 per 100. 3 1/2-in., \$5.00 per 100.

THE MCGREGOR BROS CO., Springfield, O.

Asparagus plumosus nanus, strong, 2 1/2-in., \$2.75 per 100; \$25.00 per 1000. Asparagus Sprengeri, strong, 2 1/2-in., \$1.75 per 100; \$15.00 per 1000. Buckley Plant Co., Springfield, Ill.

Asparagus Sprengeri, strong 2-in. \$1.50 per 100. Sprengeri, 2-in., \$2.00 per 100. 4-in., \$3.00 per 100. Will exchange for a few hundred carnations. M. J. Coventry, Fort Scott, Kan.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Sprengeri, 2-in., \$2.00, 3-in., \$3.00 per 100. 4-in., \$1.00 per doz. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

We have a fine lot of A. Sprengeri and plumosus in 2, 2 1/2 and 3-in., ready for a shift. They will make you money. Geo. A. Kuhl, Pekin, Ill.

Asparagus Plumosus Nanus, 2-in., \$3.00 per 100. Sprengeri, 2 1/2-in., \$2.00, 3-in., \$3.00 per 100. \$8.00 per 100. The National Plant Co., Dayton, Ohio.

Asparagus, extra strong and fine. Plumosus, 2-in., \$4.50; 2 1/2-in., \$2.25 per 100. Sprengeri, in., \$4.00; 2 1/2-in., \$2.00 per 100. Cash. Geo. M. Brinkerhoff & Co., Springfield, Ill.

Asparagus, 2-in. pots, per 100; Sprengeri, \$2.00; plumosus, \$3.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

2000 Asparagus plumosus fine, strong plants, 2-in., \$6.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus, strong plants, \$2.00 per 100. \$25.00 per 1000. The Chase-Stranger Co., New London, Ohio.

Asparagus Sprengeri and plumosus, strong 3-in., 5c each. E. V. Myers, Florist, St. Joseph, Mo.

1,000 Asparagus tenuissimus, 2 1/2-in., \$2.00 per 100; \$25.00 per 1,000. Alfred H. Walker, Hollis, N. Y.

ASPARAGUS PLUMOSUS NANUS.

Cut stems 8 feet long, 50c per string, 40c.

W. H. ELLIOTT, Brighton, Mass.

A. Sprengeri, fine, 2 1/2-in., \$2.50 per 100; 3-in., \$4 per 100. Cash. C. L. Osborn, Sidney, Ohio.

Plumosus nanus, 2 1/2-in., \$4 per 100. Henry Weston & Bro., Hempstead, N. Y.

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Coleus. Golden Bedder, Crimson Verschaffeltii and others from 5/8-in. pots, \$1.00 per 100. Mrs. M. Cavanaugh, Ionia, N. Y.

Coleus, 2-in., \$1.00 per 100. E. T. Rawlings, Quakertown, Pa.

CYCAS.

Eleven CYCAS REVOLUTA, 9 to 21 stems, 15 to 20 leaves per plant; will close out entire lot of 41 plants for \$150.00. WALKER McLEAN, Youngstown, O.

CYCAS REVOLUTA, 1 pair, from 20-in. pots, leaves nearly 3 ft. long; worth \$35.00 each; the pair for \$60.00. Mrs. L. P. Seaton, Richfield Springs, N. Y.

Cycas. Ask for special price list. BOBBINK & ATKINS, RUTHERFORD, N. J.

CYCLAMEN.

Cyclamen fringed, spl. Special fine strong plants in 3-in. pots in different colors, \$7.00 per 100. Will give good satisfaction for Christmas. J. H. Flesser, West Hoboken, N. J.

Cyclamen. Perisperm and giganthemum for sale. Cyclamen: fine latest plants 2 1/2 in., \$5.00; 4-in., \$8.00 per 100. Samuel Whitton, 13-17 Gray Ave., Utica, N. Y.

Cyclamen giganthemum, choice stock showing buds in 3-in. pots in different colors, \$7.00 per 100. Cash with order. Freepost Market Garden and Greenhouses, Louis Bauscher, Freepost, Ill.

Cyclamen plants, extra fine, strong stock, \$12.00 per 100. Cash. J. J. Lehning & Winfield, Hackensack, N. J.

Cyclamen, strong 4-in., 12c each. Converse Greenhouses, Webster, Mass.

CYPERUS.

Cyperus alternifolius, 5-in. gold, \$2.00 doz. John H. Ley, Good Hope, Washington, D. C.

DAISIES.

Dreer's Snowball, Longfield and Giant. Sow this. Satisfaction guaranteed. By mail, 50c per 100; express, \$3.00 per 1,000. Cash. Eyer Bros., Chambersburg, Pa.

DRAEACNAS.

Draeacna Brunati, as hardy and as useful as a Rubber plant. Pot. High. Each. Dozen. 5-inch15 to 18 in. 40.25 5.00 6-inch20 to 24 in. 50.00 5.00 H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Draeacna Lindeni or Massangeana, 3-in. pots, \$3.00 doz.; 5-in., \$5.00; 6-in., \$9.00. All fine plants, well colored. John H. Ley, Good Hope, Washington, D. C.

Draeacna Indivisa, 6-in. pots, strong, \$4.50 per doz., \$25.00 per 100. Ruxton Floral & Nursery Co., Ruxton, Md.

Draeacna indivisa, from 5-in. pots, 24 to 30 inches high, \$2.50 per doz. Charlie E. Clark, Woodford, Maine.

Draeacna indivisa, 8-in. pots, 50c each; 5-in. pots, 15c each. Jno. Bronner, 301 Beecher St., Syracuse, N. Y.

Draeacna indivisa, good plants, field-grown, \$6.00 and \$10.00 per 100. S. S. Peckham, New Bedford, Mass.

DRAEACNAS, 1 pair, 6 ft. high, 16-in. pots, \$12.00 pair. Mrs. L. F. Seaton, Richfield Springs, N. Y.

Draeacna indivisa, 5-in. pots, \$2.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Draeacna indivisa, from field, 18 to 21 in., \$15.00 per 100. C. Merkel & Son, Mentor, O.

Draeacna indivisa, 7 1/2-in., \$2.50 per 100. Hardy white ontana. Beaulieu, Woodhaven, N. Y.

ERICAS.

Erica a specialty, Anton Schultheis, P. O. Box 78, College Point, Queens Borough, New York City.

FERNS.

Boston Ferns. 5-in. pots\$ 5.00 per 100 6-in. pots 25.00 per 100 7-in. pots 30.00 per 100 8-in. pots 40.00 per 100 9-in. pots 150.00 per 100 10-in. pots 200.00 per 100 14-in. pots 200.00 per 100

Seedling ferns in flats, in the best varieties, express, \$10.00 per 1,000. JOHN SCOTT, Keap St. Greenhouses, Brooklyn, N. Y.

Special BARGAIN PRICES on the following well-grown, healthy stock: Pots. 100 Nephrolepis Bostoniensis, pot-grown 5-in. \$30.00 Nephrolepis Bostoniensis, pot-grown 6-in. 40.00 Nephrolepis Bostoniensis, pot-grown 8-in. 60.00 Nephrolepis Exaltata, 2 1/2-in., select. 3.00 Forest City Greenhouses, Rockford Seed Farms.

H. W. BUCKBEE, Rockford, Ill.

5,000 Boston Ferns 2 inch pots\$ 4.00 per 100 3 inch pots 25.00 per 100 4 inch pots 30.00 per 100 5 inch pots 25.00 per 100 6 inch pots 40.00 per 100 Fine plants from bench for 6 in. pots, \$5.00 per 100.

J. D. BRENNEMAN, Harrisburg, Pa. Box 24.

We have at all times a nice collection of Ferns suitable for fern dishes, \$1.00 per 100. Boston Ferns, 2 1/2-in., 4c; 3 1/2-in., 10c. Strong fine plants from bench, ready for 6-in. pots, 25c each. Centis, Belmont, N. J. - Intro. for centers, 10c each. Henry Weston & Bro., Hempstead, N. Y.

Adiantum cuneatum, 4-in., \$15.00 per 100. Nephrolepis hirta cristata, 2 1/2-in., \$10.00 per 100. N. cordata compacta, 3-in., \$5.00 per 100. Boston ferns from bench, suitable for 4 and 5-in. pots, \$18.00 and \$20.00 per 100. Cash with order. CHAS. SCHWEIGERT, Niles Center, Ill.

Boston Ferns (two houses). Runners, \$1.00 per 100; \$8.00 per 1,000; 2-inch pots, \$2.50 per 100; 3-inch pots, \$3.00 per 100; 4-inch pots, 8-inch pots, \$15.00 per 100. Bench Boston, very bushy, fit for 4 and 5-in. pots, \$10.00 and \$12.00 per 100, for 1,000 and \$20.00 per 1,000. EYER BROS., Chambersburg, Pa.

Boston ferns, pot-grown, very bushy from pot up, 5-in. pots, \$5 or more fronds, 40c; 6-in., 49 or more fronds, 60c; 8-in., \$1.25; 9-in., \$2.00. These are magnificent and easy to please. Worth twice the price of bench-grown plants. Cash, please. A. J. Baldwin, Newark, Ohio.

100 choice ferns, from flats, mailed for \$1.25, \$10.00 per 1000 by express. Ten best sorts—adiantum, adiantum, Lomaria, nepholidium, lygodium, etc., etc. Fill a 2-in. pot at once and make fine plants by autumn. John H. Ley, Good Hope, Washington, D. C.

100 fine full ferns, 4-in. pots, \$5.00. Lomaria gibba, Selaginella Martensii, onychium, Pellaea adiantoides, Lomaria majestica, Blechnum adiantoides, Salmasia 2 1/2-in. to 4-in., very good, \$3.00 per 100. John H. Ley, Good Hope, Washington, D. C.

PERNS. Over 500,000 of all the leading varieties on record for distribution; fine young stock. Our selection, \$3.50 per 100; \$30.00 per 1,000.

Wm. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Pteris serrulata, 2-in., extra fine, 3c. Adiantum cuneatum, 2-in., nice young stock, just right for fern dishes and pans; full of fronds from the top of the plant, 2 1/2 and 4-in., at 2c and 8c. N. O. Caswell, Delavan, Ill.

50,000 N. Exaltata Bostoniensis, small plants from \$5.00 per 100 or \$10.00 per 1,000, to \$1.00 per 100 or \$30.00 per 1,000. Large plants, \$6.00 to \$20.00 per 100, taken from bench. Extra fine stock. Wm. A. Stock, North Cambridge, Mass.

Ferns—25 1/2-in. Adiantum, Pellaea, Pteris cretica, albo-lineata, Tremula, Wilmsettii, Anemia, 15c ea. 3 Cytomium falcatum, 8-in., 50c ea. All first-class in every respect and worth double. J. Sylvester, Oconto, Wis.

Boston ferns. Grand specimens; 10-in. pans, full 8 ft. over; a mass of 4 and 6-foot fronds, \$3.00 per doz. Put for an exhibition. Other sizes at \$1.00 to \$25.00 each. John H. Ley, Good Hope, Washington, D. C.

Hardy ferns for cultivation. Try them in your pots; they will last all winter and flourish in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

12 climbing ferns (lygodium), \$5.00; 6-in. pots, on 5 to 6-ft. strings, for cutting or decorations. Very elegant; will make three growths in season. John H. Ley, Good Hope, Washington, D. C.

Boston Ferns. In fern pans, from 6 to 10 in., \$15.00 per 100 up, according to size. Also a nice lot in bench, all sizes, \$5.00 to \$25.00 per 100. J. G. D. Newton, 810 Park St., Hartford, Conn.

Boston ferns, fine 2 1/2-in., \$3.00 per 100; 4-in., \$5.00 and \$10.00 per 100.

The McGregor Bros. Co., Springfield, O.

For list of varieties and prices see our display adv. in this issue. The Geo. Wittbold Co., 167 Buckingham Place, Chicago.

Boston ferns from 2-in. pots, \$2.50 per 100; 3-in., \$4.00 per 100. From bench ready for 4-in. pots, \$2.50 per doz. Nephrolepis Wittboldii, 4-in., \$1.00 per doz. Davis Bros., Morrison, Ill.

Nephrolepis Philadelphiaensis, fine as a pot plant in small sizes; 2-in., large and tall, \$4.00 doz.; 8-in., \$6.00 doz. John H. Ley, Good Hope, Washington, D. C.

Boston ferns, extra fine stock, 5-in., 25c; 6-in., 35c; 7-in., 50c; 8-in., 75c. 1000 for \$1.00. No. Hamilton Av., near Fullerston and Leavitt, Chicago.

Boston ferns, all sizes. Ask for special trade list.

BOBBINK & ATKINS, RUTHERFORD, N. J.

100 Boston ferns, fit for 3-in. pots, mailed for \$25.00; \$20.00 per 1,000 by express. John H. Ley, Good Hope, Washington, D. C.

Boston Ferns. Large plants ready for 6 and 8 in. pots, \$15.00 per 100. Cash or C. O. D. H. W. Field, 105 Humphreys Bldg., St. Louis, Mo.

Boston Ferns. 2-in. pots, \$2.50 per 100; 2 1/2-in., \$4.00 per 100. Cash. C. H. Harris & Co., Delavan, N. Y.

300 extra fine 4-in. Boston ferns, \$10.00 per 100; \$25.00 per 1,000. Alfred H. Walker, Hollis, N. Y.

Boston ferns. We have a fine lot of 5, 6 and 7 in. Geo. A. Kuhl, Pekin, Ill.

FORGET-ME-NOT.

Blue Forget-Me-Nots, valuable for Memorial Day and forcing, \$4.00 per 1000. Hugo Book, Worcester, Mass.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

GERANIUMS.

Geraniums. Strong plants of the following varieties, 1-2-in. pots, true to name, at \$2.25 per 100, \$20.00 per 1000: S. A. Nutt, Francis Perkins, A.H. Ricard, Grand Mrs. E. C. Hill, Beau, Following Mrs. Javille, Mme. Brant, La France, Abieth, La Favorite and Mrs. J. M. Gaar.

Buckley Plant Co., Springfield, Ill.

Geraniums. Nutt, Marvel, Wm. Pfitzer, Countess de Castiers and others. Fine plants, 2 1/2-in., \$2.50 per 100. N. Smith & Son, Adrian, Mich.

GERANIUMS, mixed varieties, all leading sorts, 4-in. pots, \$4.00 per 100. Mrs. L. P. Seaton, Richfield Springs, N. Y.

Geraniums, 100,000 rooted cuttings ready October 15th. Catalogue order. C. A. Harris & Co., DeLansing, N. Y.

Geraniums, 2-in., \$1.50, 3-in., \$2.50 per 100. E. I. Rawlings, Quakertown, Pa.

GLADIOLI.

CLAWFORD'S STANDARD MIXTURE is a superior mixture, as it contains all the colors usually sold under separate classes and is unusually strong in "whites" and "lights." We offer this stock in small sizes (1/2 to 1 1/2-in. in diam.) for delivery this fall, express prepaid, at the following rates, cash with order: 10,000 to 50,000, each at \$1.50 per 1000, 50,000 to 100,000, at \$1.25 per 1000, 100,000 or more at \$1.00 per 1000.

Experienced growers know the value of this small stock because of the rapidity with which it increases.

We have with one exception the largest stock of GROFF'S HYBRIDS in the country. Prices on application.

CLAWFORD CO., Cuyahoga Falls, O.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

HELIOTROPE.

Heliotropes, rooted cuttings, 1 1/2-in. per 100. Cash, please. O. F. Searies, L. B. 238, Nashua, N. H.

Heliotropes, 3-in., \$3.00 per 100. Converse Greenhouses, Webster, Mass.

Heliotropes, fine, bushy, 4-in., 6c. S. S. Peckham, New Bedford, Mass.

If you read these ads. others would read yours.

HARDY PLANTS.

Baltimore Nurseries. Wholesale and Retail. We offer for fall 1901 and spring 1902 a full line of fruit, shade and ornamental trees, shrubs, Evergreens, and Roses, Japan Pear Seedlings, Peach pits, Dealers' trade a specialty. All stock fumigated and free of disease. Send us a list of your wants. Franklin Davis Nursery Co., Baltimore, Md.

Irish Junipers, extra heavy, 4-ft. trees, \$30.00 per 100; 18 to 24-inches, \$5.00 per 100, \$60.00 per 1000; 14 to 30-inches, \$10.00 per 100, \$100.00 per 1000; 30 to 36-inches, \$12.50 per 100, \$125.00 per 1000. 250 of each size at 1,000 rate. Boxing at cost. Joseph Heacock, Wyncote, Pa.

Hardy herbaceous plants, including lilies, orchids, water plants, hardy pinks, delphiniums, iris, lychnis, campanulas, dianthus, digitalis, Heuchera, anemones, etc. Catalogue sent. Edw. Gillett, Southwick, Mass.

Nice strong plants of double Hollyhocks in 7 colors; also A. Hehney from 2 1/2-in. pots, ready to plant, at \$2.50 per 100, \$15.00 per 1,000. William Schlatter & Son, Springfield, Mass.

25 elms, 5 to 8-in. caliper, fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrsville, Bucks Co., Pa.

Dicentra spectabilis, strong field-grown plants, \$1.00 per doz., \$5.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

I have for sale a fine stock of the hardy lily Tenuifolium.

F. H. Burdett, Clifton, New York.

For hardy herbaceous perennials write Chas. S. Dutton, 85 West 13th St., Holland, Mich.

For trees, shrubs, vines and small fruits, write W. L. H. H. Co., Jackson, Wis., Pa.

2,000 English Xenia, fine plants, \$1.00 per 100. Geo. Engel, Xenia, Ohio.

HARDY HERBACEOUS PLANTS.

Table listing various hardy herbaceous plants and their prices per 100 or per 1000. Includes Achillea, Adonis, Anemone, Aster, Campanula, Delphinium, Dianthus, Digitalis, Eryngium, Galium, Geranium, Hebe, Helleborus, Hosta, Liatris, Lychnis, Monarda, Rudbeckia, Salvia, Scilla, Spirea, Thalictrum, Trollius, Veronica, Yucca, and Zinnia.

EDWARD E. JACKSON, Stamford, Conn.

OF THE VALLEY.

Lily of the Valley. Order now for November. See for new catalogues, H. H. Berger & Co., 47 Barclay St., New York. Lily of the valley, home-grown stock, \$2.50 per 1000 pipes; \$20.00 per 10,000. Wm. A. Finger, W. L. H. H. Co., N. Y.

"The Classified Ads. bring big returns" is the verdict of the advertisers.

MUSA ENSETE.

Musa ensete, field-grown; will fill 2 1/2-in. pots or tubs, extra fine, \$1.00 each. S. S. Peckham, New Bedford, Mass.

MUSHROOM SPAWN.

We handle nothing but Barter's mushroom spawn. What is all your cost of manure and labor worth unless you have a good quality? Write for name, quantity wanted. Prospect Greenhouses, Kennebec Falls, Me.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

MYRTLE.

Field-grown, flowering myrtles, nice bushy plants, 16 to 14 inches high, \$30.00 per 100; rooted cuttings of the same, \$1.50 per 100. Cash with order. CHAS. SCHWEIGERT, Niles Center, Ill.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in athead and spike. Correspondence solicited. Lager & Sons, Piquette, Pa. N. J.

Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

PEONIES.

Peonia chinensis, in mixed colors, 2 to 3-year-old stock, \$5.00 per 100; \$40.00 per 1,000. Peonia officinalis rubra, the best for florists' use, 1-year-old stock, \$2.50 per 100; \$30.00 per 1,000. Wm. A. Finger, Hicksville, L. L. N. Y.

Peonies, red, scarlet, pink, white, assorted, strong field-grown clumps, \$2.00 per doz. Strong divided roots, \$10.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Peonies. Fifty named varieties, \$10.00 per 100. Not less than five of a kind at hundred rates. Send for list. The Elizabeth Nursery Co., Elizabeth, N. J.

Peony roots at 1c per stem as shown on clumps, this year's growth. Fall planting during September and October. Colors, rose, pink and red. Brant & Noe, Forest Glen, Chicago.

Peony roots, order now for fall delivery. Large field-clumps, \$25.00 per 100; strong divided roots, \$1.50 per 100. Chicago Peony Farms, Joliet, Ill.

Peonies, light pink, \$1.00 per 100; \$35.00 per 1,000. Tree peonies, \$3.00 per doz. Gilbert H. Wild, Sarcozie, Mo.

Peonies selected kinds for florists' use, very low by 1-year-old stock, \$1.00. F. A. Baller, Bloomington, Ill.

PALMS, ETC.

PALMS. Home-grown, strong and healthy. ARECA LUTESCENS.

Table listing prices for Areca lutescens in 1, 2, 3, and 4 inch pots, with prices per 100 and per 1000.

KENTIA FORSTERIANA.

Table listing prices for Kentia forsteriana in 1, 2, 3, and 4 inch pots, with prices per 100 and per 1000.

KENTIA FORSTERIANA.

Table listing prices for Kentia forsteriana in 1, 2, 3, and 4 inch pots, with prices per 100 and per 1000.

JOSEPH HEACOCK, Wyncote, Pa.

Special BARGAIN PRICES on the following well-grown, healthy stock:

Table listing special bargain prices for Kentia forsteriana, Latisia, Phoenix Canariensis, and Phoenix Canariensis.

H. W. BUCKEKE, Rockford, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

PALMS - Continued.

PALMS—We desire to call your special attention to the list of plants enumerated below, which at this time are in an unusually fine condition:

Table with 2 columns: Plant name and price. Includes ARECA LUTEASCENS, PHENIX BELMOREANA, KENTIA FORSTERIANA.

COCOS WEDDILLIANA.

Cocos this season is in fine condition. We offer good 3-in. pots, 10 to 12 inches high, at \$2.50 doz.; \$20.00 per 100

Table with 2 columns: Plant name and price. Includes KENTIA BELMOREANA, PHENIX RUFICOLA.

A fine lot of 4-in. pots, of this the most beautiful of all the Phoenix, just showing character, \$4.00 per doz.

Table with 2 columns: Plant name and price. Includes KENTIA FORSTERIANA, PANDANUS UTILIS.

LATANIA BORONICA.

Latania Boronica, extra strong, clean, well leaved, in 2 1/2- to 4 1/2- in. pots, \$1.00 per doz.

Table with 2 columns: Plant name and price. Includes PANDANUS UTILIS.

A fine lot in 3-in. pots, \$1.00 per doz.; \$8.00 per 100; \$7.00 per 1,000.

For a complete list of seasonable stock see our advertisement in this list.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

PALMS - Strong, hardy stock.

Table with 2 columns: Plant name and price. Includes ARECA LUTEASCENS, PHENIX BELMOREANA, KENTIA FORSTERIANA.

LATANIA BORONICA.

Latania Boronica, 4-in., 2 1/2- to 6-in., 50 and 75c.

PANDANUS UTILIS, 4-in., 30- to 5-in., 35c.

A large stock of strong and healthy young plants, in 2 1/2- and 3-in. pots, of all kinds.

Send for descriptive price list.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

A bargain in young palms in 3-in. pots, for growing on:

Table with 2 columns: Plant name and price. Includes ARECA LUTEASCENS, PHENIX BELMOREANA, KENTIA FORSTERIANA.

PALMS, cheap to make room.

ARECA LUTEASCENS, 3-in., \$7.00 per 100; 6- to 8- plants in a pot, \$100.00 doz.

KENTIAS, 5-in., 12 to 15-in. high, 40c; from flats, 2 and 3 leaves, \$8.00 per 100.

LATANIA BORONICA, 3-in., strong, \$5.00 per 100.

PANDANUS UTILIS, 4-in., strong, \$15.00 per 100.

WALKER & McLEAN, Youngstown, O.

Kentia Belmoreana. Extra strong plants with three character leaves, \$10.00 per 100; 2 1/2- to 3- three plants in each, \$100.00 doz.

Larger sizes of Kentias; also Latania, Pandanus Veitchii and Utilis quoted on application. John Scott, Keap Street Greenhouses, Brooklyn, N. Y.

If you want some well grown, stocky Kentias and Latania, write us. We have an immense stock.

C. C. POLLWORTH CO., Milwaukee, Wis.

LATANIA BORONICA. 20000 cheap for

Table with 4 columns: Pot size, Price, Per 100, Per 1000. Includes 8 to 10, 3 to 4, 4 to 15, 6 to 10, 7 to 23, 8 to 15.

These plants are all strong, ready to pot up. Full list of plants see catalogue list from which a discount of 10 per cent will be given on all orders accompanied by cash.

J. W. HESSER, PLATTSMOUTH, NED.

To quickly make room we will cheap for cash the following:

Table with 2 columns: Plant name and price. Includes KENTIA BELMOREANA, KENTIA FORSTERIANA.

LATANIA BORONICA, 4-in., \$5.00; 6-in., \$30.00; 20 to 22, 6-in., 4 1/2, 4.00, 38.00, 350.00.

Good, strong, healthy stock and all ready to shift.

We pack light and guarantee satisfaction.

CHAS. T. SIEBERT, Station B, Pittsburg, Pa.

Palms. Headquarters for perfect stock. Latania, 7-in. to 8- leaves, \$3.00 per doz.

\$10.00 per 100. These palms cannot be excelled in quality or be duplicated for the same money.

WALTER BETZLER & CO., 2015 No. Halsted St., Chicago.

For Sale—1 Pandanus Utilis, specimen plant, 8- to 10- leaves, \$10.00. A fine bushy plant, 10 to 12 ft. high. Paul J. Burgevin, Port Chester, N. Y.

Latania Boronica, extra strong, clean, well leaved, in 2 1/2- to 4 1/2- in. pots, \$1.00 per doz.

Pandanus Veitchii, 4, 6 and 8 in. pots, Draacena bigranata, 4 and 8 in. pots, for application. Euxton Florida Nursery Co., Euxton, Md.

Pandanus Veitchii, 6-in. pots, \$1.00 each; \$12.00 per doz. 7- to 8- leaves, \$1.00 each. John Welsh Young, Germantown, Pa.

Palms, per 100: Latania boronica, 2 1/2- in., \$4.00; Kentias Belmoreana and Forsteriana, 3-in., \$15.00. Morris Floral Co., Morris, Ill.

Kentias in all sizes. Ask for special trade list.

BOBBINK & ATKINS, Rutherford, N. J.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies of an extra fine, large-blossoming strain, 200 per 100 by mail; \$4.00 per 1,000 by express. Cash. Chas. S. Dutton, 55 West 12th St., Holland, Mich.

Zirngelbe's GIANT pansy plants, \$5.00 per 100; \$2.50 per 500. Cash. E. J. Chr. Soltau, 193 Grant Ave., Jersey City, N. J.

Trimardeau pansy plants, mixed, fine, \$4.00 per 1,000. Cash. E. F. Searies, L. R. 283, Nashua, N. H.

Pansies, a mixture of the finest strain, \$1.00 per 1,000. Converse Greenhouses, Webster, Mass.

HERR'S PANSIES are all sold for this season. ALBERT M. HERR, Lancaster, Pa.

Pansies, the very best German, \$4.00 per 100; Hugo Book, Worcester, Mass.

Plant of California pansy plants, \$1.00 per 100. A. Mitting, Loomis, Cal.

Pansy plants, \$3.00 per 1,000. Jos. H. Cunningham, Delaware, O.

PETUNIAS.

Double petunias, rooted cuttings, \$1.00 per 100. Please. O. F. Searies, L. R. 283, Nashua, N. H.

POINSETTIAS

Five 3-in. poinsettias, \$5.00 per 100; \$1.00 per dozen. Geo. W. Hunt & Son, Mansfield, Ohio.

PRIMROSES.

PRIMULAS. Chinese, separate colors, choicest strain, 2 1/2- in., \$5.00 per 100. Obonica, true hybrid strain, extra strong plants, 2 1/2- in., \$5.00 per 100.

S. MUR, 3530 Michigan Ave., Chicago.

Chinese primulas, white only, 2 1/2- in., \$1.50 per 100. New Yellow Barry Primrose, 2 1/2- in., \$2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

Primroses, per 100: Forbest; Chinese, single, mixed; Obonica, rosea and alba, \$5.00. Jos. H. Cunningham, Delaware, Ohio.

Primula Forbest, 2 1/2- in., \$3.00 per 100. Cash with order. John G. Eblek, 20th and Ontario Sts., Philadelphia, Pa.

Primroses from best strain of seed, 2 1/2- in. pots, \$5.00 per 100. Mrs. M. Cavanagh, Ionia, N. Y.

Primroses, white and mixed, 2 1/2- in., \$5.00 per 100. S. Whitton, 17-17 Gray Ave., Ionia, N. Y.

100 Primula Obonica grandiflora, 2-in., \$3.00 per 100. Alfred H. Walker, Hollis, N. Y.

Primroses, ready for 2 1/2- in., \$2.00 per 100; 300 for \$5.00. J. W. Miller, Hatton, Pa.

A few hundred fine primulas. Geo. A. Kuhl, Pekin, Ill.

PRIVET.

California Privet: 3 to 4-ft. cut back, bushy and fine, \$40.00 per 1,000.

2 1/2- to 3-ft. cut back, bushy and fine, \$20.00 per 1,000.

15 to 21-in. bushy and fine, \$18.00 per 1,000. 12 to 18-in. bushy and fine, \$12.00 per 1,000. 10 to 12-in. bushy and fine, \$10.00 per 1,000.

Send list of other wants for lowest quotations. STOVE & STEKLE, Shrewsbury Nurseries, Eatontown, N. J.

ROSES.

Perle and La France rose plants. La France, 4-in., \$5.00 per 100.

La France, 3-in., \$4.00 per 100. La France, 2 1/2- in., \$3.00 per 100.

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Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c.; 10 bale lots, \$5.50. Send for sample bale. Z. K. Jewett & Co., Sparta, Wis.

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TORONTO.**Club Meeting.**

After several months' vacation the Toronto Gardeners' and Florists' Society has resumed operations. On Tuesday evening last we opened the season with a social evening. President Lawrence was in the chair, and although the attendance was small the boys that did attend were treated to a good, exciting time for a few moments. One of our prominent members took exception to the reports sent a couple of the American papers by their Toronto correspondents, and unfortunately before thrashing out the question thoroughly unnecessary personalities were indulged in. There will evidently have to be a further investigation into the facts of the ease

before either side can be considered in the right.

As a personally uninterested party and being present at the time of argument, knowing nothing of the case previously, it appears to me that the question at issue is: Should the paid employee of a grower be personally credited, officially, with the success attained by the firm by which he is employed for any new creations produced by hybridizing or otherwise, executed at the hands of said employee?

It was decided to hold another chrysanthemum and rose show this fall, dating from Nov. 13 (Wednesday) to 16 (Saturday). It seems to be the feeling that this will be the best show we have had yet, and as good, live committees will be appointed to look after all details we expect full entries with rousing attendance.

We would be pleased could a few entries be enticed from the other side of the line, and any growers who would care to take a chance with us will find that they will receive fair and clear judgment for anything sent over in competition. Or should our cousins not feel inclined to risk sending stock all this way for competition it would pay to send a display vase of anything new, be it only for the advertising.

Our general secretary, Wm. Jay, Jr., florist, Spadina avenue, Toronto, would be pleased to forward an entry list to anyone who thinks it worth while to drop him a card to that effect.

The Market.

The stock coming in the past week has been of a very inferior grade; it seems as though every one is unfortunately off crop. Roses, particularly the white ones, have been very scarce. Carnations have really not started to show themselves. Asters are nearly done, the cold, damp spotting them badly. The only redeeming feature being dahlias, which have been plentiful at \$1.00 per hundred; very fine specimens have been sent in by many of the growers.

The visit of their Royal Highnesses the Duke and Duchess of York, has created quite a furor in Canada, and as we expect them here in a week or so are preparing to practically illustrate to their excellencies that this, the queen city of Canada, is loyal to the core and quite capable of expressing that sentiment. There are some very fine triumphant arches in course of erection on which the electrical effects promise to surpass anything of its kind ever seen here.

While they were in Montreal the demand for cut flowers, we hear, greatly exceeded the supply; we consequently look for a rush in our line of trade on their appearance here. C. W.

NEW BEDFORD, MASS.—The last outing of the South Bristol Farmers' Club was held at the home of Mr. F. H. Passell, the florist and gardener, at Mt. Pleasant. The chief interest was in Mr. Passell's extensive greenhouses and vegetable gardens. In the greenhouses are 4,000 thrifty looking carnations. Stem rot is the only enemy they have, and Mr. Passell thinks of sterilizing his soil next year. There are four acres in vegetables and immense crops are raised. "Brains, muscle and fertilizer," are the trinity that Mr. Passell depends upon. From 100 to 150 tons of stable dressing are applied annually to each acre.

Special Values in DECORATIVE PLANTS

Araucaria Excelsa.

Well established home grown plants of exceptional value, the best we have ever offered.

4-inch pots, 6 to 8 inches high, 2 to 3 tiers	.....	\$0.50	each
5 " " 10 " " 3 " "	.....	.75	" "
7 " " 12 to 14 " " 3 " "	.....	1.00	" "
7 " " 20 " " 4 to 5 " "	.....	1.50	" "
7 " " 24 " " 4 to 5 " "	.....	2.00	" "

Araucaria Excelsa Glauca.

5-inch pots, 8 inches high, 2 tiers	.....	\$0.75	each
6 " " 15 " " 4 " "	.....	1.50	" "

Dracaena Bruanti.

As hardy and useful as a Rubber Plant. A fine lot of	Each	Doz.	
5-inch pots, 15 to 18 inches high	.....	\$0.35	\$4.00
6 " " 20 to 24 " "	.....	.50	5.00

Ficus Elastica.

4-inch pots, 10 to 12 inches high	.....	\$4.00	\$30.00
6 " " 20 to 24 " "	.....	9.00	75.00

Pandanus Utilis.

An exceptionally fine lot of 3-in. pots, per 1000	\$70.00	\$1.00	\$ 8.00
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PALMS! PALMS! PALMS!

Areca Lutescens.

3-inch pots, 2 plants in pot, 10 to 12 inches high	\$ 1.25	\$ 10.00
6 " " 3 " " 20 " "	.....	9.00	75.00
6 " " 3 " " 21 " "	.....	12.00	100.00
8 " " 3 " " 30 to 36 " "	.....	30.00	

Cocos Weddelliana.

Cocos this season is again scarce. Our stock is in fine condition. We offer good 3-in. pots, 10 to 12 inches high, at \$2.50 per doz., \$30.00 per 100.

Kentia Belmoreana.

2 1/2-inch pots, 3 to 4 leaves, 8 inches high	.....	\$1.50	\$12.00
3 " " 4 to 5 " " 10 to 12 inches high	.....	3.00	25.00
4 " " 5 to 6 " " 15 " "	.....	4.50	35.00
6 " " 5 to 6 " " 24 to 26 " "	.....	\$1.25	\$15.00
6 " " 6 to 7 " " 24 to 28 " "	.....	1.50	18.00
7 " " 6 to 7 " " 28 to 30 " "	.....	2.00	24.00
7 " " 6 to 7 " " 30 to 36 " "	.....	2.50	30.00

Phoenix Rupicola.

A fine lot of 4-inch pots of this most beautiful of all the Phoenix, just showing character, \$4.00 per dozen, \$30.00 per 100.

Our stock of **DECORATIVE PLANTS** is more complete than ever, and is fully described in our September Wholesale List. Our display at the recent meeting of the S. A. F. and O. H. was awarded the **SILVER CUP**, offered by the **Buffalo Florists' Club** for the **BEST AND MOST COMPLETE DISPLAY**. We have a large stock of these plants and can duplicate any that were exhibited. Florists will do well in anticipating their wants, and placing orders now, while we have a full line of sizes, and while weather will permit shipments of nearly all lines of stock by freight at a low cost of transportation.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

PRIMROSES

ASPARAGUS, Sprengeri, per 100, \$2.00
Plumosus, 2.50
PANSY PLANTS, Ready October 1, at \$3.00 per 100.
JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

Are You Short PÆONY ROOTS

.....ON.....

GERANIUMS Strong plants from 2 1/2-inch pots of the following high-grade varieties, true to name, \$2.25 per 100, \$30.00 per 1000: S. A. Nutt, Frances Perkins' Alp. Ricard, Grant, Mrs. E. G. Hill, Beaute Pottevine, Mme. Jaulin, Mme. Bruant, La France, Athlete, La Favorite and Mme. J. M. Gaar.

ASP. PLUMOSUS NANUS, strong plants. From 2 1/2-in. pots, \$2.75 per 100; \$25.00 per 1000.
ASP. SPRENGERI, strong plants, from 2 1/2-inch pots, \$1.75 per 100; \$15.00 per 1000.

CASH WITH ORDER.
The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST
For Particulars Address **HAIL**
JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.

PÆONY ROOTS!

Great Bargain! At 10c per stem, as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red. Orders filled in rotation received.
BRANT & NOE, Forest Glen, CHICAGO, ILL.
Mention The Review when you write

The Florists' Manual Tells You What You Want to Know in the Way You Want to be Told.

...A...

BARGAIN

in young

PALMS

for growing on. 3-inch pots.

	100	\$ 1000
Areca Lutescens	.....	\$ 6.00 \$ 55.00
Corypha Australis	.....	6.00 55.00
Latifolia Borbonica	.....	5.00 45.00
Phoenix Reclinata	.....	6.00 55.00
Phoenix Canariensis	.....	5.00 45.00
Phoenix Leonensis	.....	3.00 45.00
Kentia Belmoreana	.....	15.00 140.00
Kentia Forsteriana	.....	15.00 140.00

Out of 2-inch Pots.

	100	\$ 1000
Seaforthia Elegans	.....	\$ 4.00 \$ 55.00
Livistona Rotundifolia	.....	5.00 55.00
Caryota Urens	.....	6.00 55.00
Areca Sapida	.....	8.00 75.00

All of the above stock is absolutely clean and extra good value for the money. Will send a sample lot, one of each variety, on receipt of \$1.00.

J. B. HEISS,
The Exotic Nurseries, DAYTON, OHIO.

INDIANAPOLIS, IND.

Trade Notes.

Trade seems to be picking up nicely and good stock finds ready sale at fair figures. Roses are coming in very nicely and are comparatively free from mildew, possibly on account of the dry, bright weather we have been having. On the 17th all the rose growers had to start their fires on account of a sudden drop in the temperature, which went below freezing point. Coleus and other very tender stock was nipped, but fortunately such stock as geraniums escaped injury, and fortunate it was, as all the cuttings were still out on the stock plants in the field. Outside flowers are getting scarcer right along, and we are beginning to long for chrysanthemum time to come with its plenitude of bloom.

The State Society of Indiana Florists held a special meeting to begin active work on preparing for the entertaining of the Carnation Society next February. Perhaps the main thing at that meeting was the opening of the books for subscriptions to a fund to be used in defraying the expenses incidental to that meeting. That the boys are all in for making it a success was shown by the figures that were put down after each name. E. G. Hill, of Richmond, was selected as toastmaster by a unanimous vote.

After the business was finished Messrs. Wiegand (at whose place the meeting was held) started in to entertain their guests, and every one who has ever been a guest of theirs knows that they know just how it should be done. It was well past midnight when the crowd dispersed, and then it was only in order to catch the last car home.

The floral display at the Indiana State Fair was about as it usually is. A. Wiegand & Sons and Baur & Smith were the principal winners in the plant classes; W. W. Coles, of Kokomo, and Baur & Smith in cut flowers, and John Riemann in designs and baskets. Mr. Coles had a very fine lot of roses and his Kaiserins, for which he is famous, were as fine as ever. A. Wiegand & Sons always show a fine lot of palms and decorative plants.

Visitors during the past week were E. G. Hill and his son Joe and J. A. Evans, from Richmond; W. W. Coles, from Kokomo; J. A. E. Haugh, Anderson; Mr. Riemann, Vincennes; J. R. Fotheringham, representing F. R. Pierson, Mr. Temple, Davenport, Iowa; F. Dorner, Jr., Lafayette; H. Thaden, Atlanta, Ga. A. B.

CHRYSANTHEMUMS.

To Increase Stock of New Varieties.

A good way to quickly get up a healthy stock of new varieties, such as Timothy Eaton and Mrs. Elmer D. Smith, of which only a dozen or less could be afforded at the introduction prices, is to take the side shoots as they break at the axil of each leaf and put them in the propagating bed. They soon root, whether cut off below a joint or not, and after growing up to a bud, or making an abortive attempt, they form a nice healthy stool for next season's work.

From a dozen Timothy Eaton we now have quite a hundred nice plants by this method. J. O. E.

Palms, Etc. STRONG, HARDY STOCK.

Areca Lutescens. 3 plants together: 1-in., 25c; 6-in., 75c and \$1.00; 8-in., \$2.00 and \$2.50. Extra large specimens, \$35.00.
Kentia Belmoreana. 4-in., 35c, 40c and 50c; 6-in., 75c and \$1.00; 8-in., \$2.00. 3 plants together, bushy and handsome, 6-in., \$1.50; 7-in., \$2.00; 8-in., \$3.00 and \$3.50.
Kentia Forsteriana. 1-in., 35c and 40c; 6-in., 75c and \$1.00. 3 plants together, 8-in., \$3.00.
Lantana Borbonica. 1-in., 25c; 6-in., 50c and 75c; 10-in., \$1.00.
Dracena Terminalis. Strong, 6-in., 50c and 75c.
Pilea Elaeagnifolia. 4-in., 25c; 6-in., 50c and 75c.
Pandanus Utilis. 4-in., 30c; 5-in., 35c.
Pandanus Veitchii, Livistona Rotundifolia, Cocos Weddelliana, Dracena Sanderiana, etc. in popular sizes. Also a large stock of strong and healthy young plants, 2¹/₂ and 3-in. pots, of all kinds. Send for descriptive price list.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Mention The Review when you write.

Walter Retzer & Co.

2045-59 North Halsted Street,
CHICAGO.

HEADQUARTERS FOR PERFECT STOCK.

LATANIAS 7-inch, 7 to 9 leaves, \$9.00 per doz., \$70.00 per 100.

These palms cannot be excelled in quality or be duplicated for the money. Rush your orders along. First come, first served. Send for price list.

Mention The Review when you write.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

VIOLETS--Field-Grown.

MARIE LOUISE and FARQUHAR.

They are perfectly clean and healthy OR NO PAY. The finest we ever saw. Give us a trial order. Write for sizes and prices at once.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

Irish Juniper. Extra heavy. 4-ft. trees. \$20 per 100.

18 to 24 inches... \$ 8.00 per 100, \$40.00 per 1000
 24 to 30 " ... 10.00 " 100.00
 30 to 36 " ... 12.50 " 125.00

250 of each size at 1000 rate. Boxing at cost.

Rubber Plants, grown from top cuttings, strong:

12 inches... \$0.35 each, \$3.50 per doz.
 18 "50 " 5.00 " "
 20 to 24 "60 " 6.00 " "
 24 to 30 "80 " 8.00 " "

1000 each of Brides and Maids from 3-inch pots, strong, \$4.00 per 100.

1000 Golden Gates, 2 1/2-inch, strong, \$3.00 per 100.

1000 each Cyclamen, Primrose and Palm plants in exchange.

JOSEPH HEINL, Jacksonville, Ill.

Mention The Review when you write.

MINNEAPOLIS, MINN.—The Lakewood Cemetery Association has purchased the Hartman greenhouses, near the cemetery, for \$18,500. In addition the association acquired about \$3,500 worth of plants.

AN OHIO man suggests that those wishing to show special respect to our late President wear a pink carnation (his favorite flower), with a bow of crepe attached.

GLADIOLUS BULBS.

CRAWFORD'S STANDARD MIXTURE. This is a superior mixture, inasmuch as it contains all the colors usually sold under separate classes and is unusually strong in "whites and light's." We offer this stock in small sizes (3/4 to 1 1/2 inch in diameter) for delivery this fall, express charges prepaid, at the following rates—cash with order:

10,000 to 50,000 at \$1.50 per 1,000.

50,000 to 100,000 at 1.25

100,000 or more at 1.00

Experienced growers know the value of this small stock because of the rapidity with which it increases. 2 1/2 to 3 inch in diameter for delivery the largest stock of **Groff's Myrias** in the country. Prices on application.

M. CRAWFORD COMPANY,
CUYAHOGA FALLS, OHIO.

QUALITY TELLS--PRICE SELLS.

Geraniums, 2-in., \$1.50 per 100; 3-in., \$2.50 per 100
Coleus..... 2-in., \$1.00

Asparagus Sprengeri, seedlings, \$1.00

E. I. RAWLINGS, QUAKERTOWN, PA.

Mention The Review when you write.



A HOUSE OF NEPHROLEPIS BOSTONIENSIS.

The demand for Bostonians will be as large as ever and customers will do well to put in an early supply.

For complete price list we refer you to previous issue.

WE HAVE AN IMMENSE STOCK OF ELEGANT

POT-GROWN NEPHROLEPIS BOSTONIENSIS

in 5 and 6-inch pots, which we offer as follows:

From 5-inch pots, \$3.00 per doz., \$20.00 per 100, \$180.00 per 1000. From 6-inch pots, \$5.00 per doz., \$40.00 per 100, \$350.00 per 1000. From 6-inch pots, extra strong, \$6.00 per doz., \$45.00 per 100, \$400.00 per 1000.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.



Big... Bargains in Palms.

To make room quick I will sell very CHEAP FOR CASH.

Kentia Belmoreana.

- 3-in., strong, fit to shift in 4-in. \$18.00
- 4-in., " " " 5-in. 33.00
- 5-in., " " " 6-in. 55.00

Kentia Forsteriana.

- 3-in., strong, fit to shift in 4-in. \$15.00
- 4-in., " " " 5-in. 30.00
- 5-in., " " " 6-in. 50.00

Latania Borbonica.

- 4-in., strong, fit to shift in 5-in. \$ 15.00
- 5-in., " " " 6-in. 30.00
- 6-in., " " " 7-in. 50.00
- 7-in., " " " 8-in. 100.00

8000 Carnations.

Fine healthy, bushy, well grown field plants, no buds on them: E. Crocker, Scott, Gomez, G. Lord, America, Joost, Red Wave, Snow Queen, Fortia Daybreak. 1st size, \$5.00; 2nd size, \$3.00. **Cash with order.**

I study to please every patron and pack carefully in light boxes. I guarantee entire satisfaction and big value for the money. We have three express companies—Adams, American and United States.

Chas. T. Siebert, Pittsburg, Pa.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Ads.

Burpee's Seeds Grow

XXX SEEDS

PANSY—FINEST GIANTS. critically selected, mixed; 4000 seeds, \$1.00; half pkt., 50c.

PANSY "BUFFALO" New Giant Fringed and Ruffled, Grand, mixed, 600 seeds, 50c.

CYCLAMEN GIGANTEUM. Giant flowering, mixed, 200 seeds, \$1.00; half pkt., 50c.

CHINESE PRIMROSE. Finest grown, mixed, 500 seeds, \$1.00; half pkt., 50c.

CINERARIA. Finest dwarf, 1000 seeds, 50c. JOHN F. RUPP, - - - Shrewstown, Pa. The Home of Primroses.

Mention The Review when you write.

HARDY HERBACEOUS PERENNIALS.

Field-grown plants, as follows: Coreopsis Lanceolata, Gaillardia Grand Aquilegia, mixed; Aquilegia Chrysantha, Anthrinum, mixed, choice colors; Andritrium Queen of the North, Hemerocallis Plava, Hardy Pinks, 5 varieties, \$0.00 per 100. **PANSIES**—extra fine strain, large blooming, ready about Sept. 20th, 50c per 100 by mail; \$4.00 per 1000 by express. Cash with order please.

CHARLES S. DITTON, 85 W. 12th St., HOLLAND, MICH. Mention The Review when you write.

PRIMROSES and CINERARIAS.

Primrose, ready for 3 1/2-in., \$2.00 per 100; 300 for \$5.00. Cineraria Grandiflora, \$2.00 per 100; \$9.00 for \$5.00.

J. W. MILLER, HATTON, PA. Mention The Review when you write.

Pansy Seed, Palms, Primulas, Field-Grown Carnations.

- California Gold, Avondale, Joost, De Roo Mixing (white), Mrs. A. Mitting (pink) small plants left only \$ 3.00
- Chinese Primulas, white only 2 1/2-in. 1.50
- New Yellow Baby Primrose, 2 1/2-in. 2.00
- Smilax, 2 1/2-in. 1.50
- Latania Borbonica, 2 1/2-in. 4.00
- Kentia Belmoreana, 3-in. 15.00
- Kentia Forsteriana, 3-in. 35.00
- Pansy Seed, Giant and Fancy mixed, \$4.00 per oz. Pansy Plants, fine strain, 50c per 100 by mail, \$4.00 per 1000 by express.

CASH

THE MORRIS FLORAL CO., Morris, Ill.

THE E. G. HILL CO.

Wholesale Florists, RICHMOND, INDIANA.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Ads.

KANSAS CITY, MO.

Trade Items.

Trade has been anything but satisfactory for the month of September. An occasional funeral order keeps the market pretty well cleaned up of all good white flowers. Late home-grown asters were plentiful and sold well. Young roses and carnations are making good growth and preparations have been made to increase the production over previous years. Society is inactive and nothing of importance in the line of weddings or other events have been announced so far this season.

The florists made appropriate window displays following the death of our illustrious president. The most effective arrangement was the one put up by W. L. Rock at his 11th street store, which was reopened on the 12th inst. Memorial services were held here last Thursday and the president's favorite flower, the carnation, was much sought for, the red ones selling for 10 cents each.

From Pleasant Hill, Mo., we learn that Mr. George M. Kellogg has just completed ten new houses 20x20 feet each. He now owns a neat little range of 200,000 feet of glass. Mr. Kellogg grows general stock, making a specialty of roses. He ships daily to this market and his stock is clean and of good quality.

Under the name of "The Chicago Floral Co." a new store was opened last week at the corner of 11th and Magee streets. John Snyder proudly tells us that he is practically the whole thing there and will do a wholesale and retail business, getting his entire supply from Chicago. John is the proprietor of two stores and his commanding figure is seen upon the streets now more frequently than ever.

F. Ross, formerly with the Humfeld Floral Co., has opened a retail store at 817 Walnut street.

W. J. Hesser, of Plattsmouth, Neb., was a visitor recently. H. J. M.

WATER SUPPLY.

Will some reader of the REVIEW tell us the best method of erecting water plant, consisting of wind mill and a tank or several tanks, with a total capacity of 6,000 gallons?

We want the above for partial waterings and not necessarily elevated enough to syringe with.

The water problem is a question of much interest to us, and we read with pleasure the recent articles in the REVIEW on the subject.

LEBANON GREENHOUSES.

RICHMOND, VA.—Among the floral tributes sent from this city to the President's funeral was a six-foot wreath of galax leaves, festooned with 200 American Beauty roses and tied with a wide gray silk ribbon (with the name of the city in gold) in the bow of which was placed an American flag. It was sent by the city council and was arranged by Mann & Brown, the price being \$200.

DEVOAH, IA.—W. T. Simonds is adding still another new house, and he now has six in all.

TOLEDO, O.—A seven-foot broken column was sent to the president's funeral by the city council. It was arranged by Mrs. Suder.

150,000 Field-Grown Carnations 6 Acres

Our carnations have grown very fast the last two weeks and are now as fine and healthy plants as we have ever sold. We have no stem rot, dead leaves or disease of any kind.

Ethel Crocker, 1st size, \$5.00 per 100; 2nd size, \$4.00 per 100.

Marquis, Genevieve Lord, 2nd size, \$4.00 per 100.

Triumph, Mrs. Fisher, C. H. Duhme, Melba, Maud Adams, Portia, Meteor, Albertini, 1st size, \$5.00 per 100.

Triumph, Wm. Scott, Mrs. Fisher, C. H. Duhme, Buttercup, Jubilee, Melba, Daybreak, Meteor, Albertini, 2nd size, \$3.00 per 100.

QUEEN LOUISE,

\$12.00 per 100.....\$100.00 per 1000.

Reports coming in from our customers show that QUEEN LOUISE has equalled or surpassed in growth all the other varieties of carnations. It is the best WHITE Carnation grown. You will miss it if you do not plant it largely. Send in your order early.

J. L. DILLON, BLOOMSBURG, PA.

CARNATIONS!

Field-Grown, Clean and Healthy.

E. CROCKER, MRS. F. JOOST, AMERICA, JUBILEE,

FLORA HILL, WHITE CLOUD,

CASH WITH ORDER PLEASE.

\$5.00 per 100, \$40.00 per 1000.

BAUR & SMITH,

38th St. and Senate Ave., INDIANAPOLIS, IND.

Grand Horticultural

Exhibition

MADISON SQUARE GARDEN.

BY NEW YORK FLORISTS' CLUB.

OCTOBER 21 to 27, 1901.

Space for Trade Exhibits at Low Rates. Complete Schedules now ready and will be mailed on application. Entries close October 17, 1901.

WM. PLUMB, Manager, 51 West 28th Street, NEW YORK.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

20,000 Field-Grown Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching.

Flora Hill, Melba, Crocker, E. Lord, R. Lipincott, America, Crane, Marco, Bradt and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.

Mention The Review when you write.

Always Mention the...

Florists' Review

When Writing Advertiser



HITCHINGS & CO.

233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING.

VENTILATING APPARATUS

HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

Mention The Review when you write.

Field-Grown Carnations.

To Close Out at Following Reduced Prices:

Fine plants of good, clean stock of the following varieties, ready for the bench:

Crane	.....	\$4.00 per 100;	\$35.00 per 1000
America	.....	4.00 "	35.00 "
Lord	.....	4.00 "	35.00 "
Joost	.....	4.00 "	35.00 "
Evanston	.....	3.00 "	25.00 "
Scott	.....	3.00 "	25.00 "

250 at 1000 rate.

The Harms' Park Floral Co., Berzau Av., CHICAGO.

Mention The Review when you write.

For Sale Cheap.

FIELD-GROWN CARNATIONS.

Our plants are strong and healthy. Free from disease.

250 TRIUMPH,	1200 GENEVIEVE LORD,
2100 CROCKER,	750 EVELINA,
180 WHITE CLOUD,	225 OLYMPIA.

\$5.00 per 100.

700 DAYBREAK,	300 PINGREE,
700 MARY WOOD,	\$4.00 per 100.

300 SMALL JUBILEE,	\$3.00 per 100.
--------------------	-----------------

Cash or C. O. D.

W. J. & M. S. VESEY, Ft. Wayne, Ind.
Mention The Review when you write.

CARNATIONS..

FIELD-GROWN PLANTS.

Speak Quick. The following varieties still left.

Genevieve Lord, the best pink, fine plants,	\$8.00 per 100,	\$70.00 per 1000.
500 at 1000 rate.		
Marquis, fine	.....	\$8.00 per 100
Hector, red, extra fine	.....	8.00 "
Prosperity	.....	5.00 dozen.
Norway, about 2000 small, healthy plants left at		\$10.00 per 100

...ROSES...

Perle and Meteor, 3 1/2 and 4-in	.....	\$7.00 per 100
Chateaux, 3 1/2-in	.....	6.00 "

H. WEBER & SONS, Oakland, Md.
Mention The Review when you write.

PRINCESS OF WALES VIOLETS

2 1/2-in., strong, \$3.00 per 100, \$25.00 per 1000.

CARNATIONS	}	Marquis	.....	\$5.00 per 100
		E. Crocker	.....	5.00 "
		Alma, new rose pink	6.00	"
		Genevieve Lord	.....	6.00 "
		Armazindy	.....	5.00 "

DRACAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIEGATED VINCA, field, \$4.00 per 100.

C. Merkel & Son, Mentor, Ohio.
Mention The Review when you write

"Goodenough"

The most profitable White Carnation. Also Wm. Scott, Ethel Crocker and Frances Joost, field-grown plants.

SIDNEY LITTLEFIELD, North Abington, Mass.
Mention The Review when you write.

THRIFTY FIELD..... CARNATIONS

WITH PLENTY OF ROOTS

READY NOW All the best varieties. Write for prices.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

...FOLDING... Cut-Flower Boxes.

WE HAVE A BOX THAT WILL PLEASE YOU.
IT IS MADE RIGHT
AND THE PRICES ARE RIGHT.

FREE: We will send free a Sample Box and our prices on all sizes on request.

Don't fail to get our samples and prices before buying elsewhere.

HOLTON & HUNKEL CO., Milwaukee, Wis.

Mention The Review when you write.

Field-Grown Carnations.

Strong, Clean, Healthy Plants.

MARQUIS, WHITE CLOUD, JOOST, HECTOR and SCOTT.

\$5.00 per 100; \$40.00 per 1000.

SPRENGER, strong 4-inch, \$8.00 per 100

F. BURKI, Bellevue, Pa.



...THE... MODEL

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circular.

IGOE BROS.

226 N. 9th St., Brooklyn, N.Y.

FOR SALE!
FIELD-GROWN PLANTS OF
DOROTHY CARNATION
\$10 per 100, \$75 per 1000.
E. T. GRAVE, - Richmond, Ind.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

BARGAINS in Field-Grown Carnations.

450 Marquis	.....	No. 1, ...	\$6.00 per 100
750	.....	No. 2, ...	4.00 "
100 Crocker	.....	No. 1, ...	4.00 "
80	.....	No. 2, ...	3.00 "
450 Mabelle	.....	No. 1, ...	4.00 "
300	.....	No. 2, ...	3.00 "
100 Triumph	.....	No. 1, ...	4.00 "
100	.....	No. 2, ...	3.00 "
180 Happy Day	.....	No. 1, ...	4.00 "
200	.....	No. 2, ...	3.00 "
115 Mrs. Geo. Bradt	.....	No. 2, ...	3.00 "
10 Jubilee	.....	No. 2, ...	2.50 "
80 Bon Ton	.....	No. 2, ...	3.00 "
125 Wm. Scott	.....	No. 2, ...	2.50 "
135 Norwegian	.....	No. 2, ...	2.50 "
125 Craue	.....	No. 2, ...	3.00 "
100 Joost	.....	No. 1, ...	4.00 "
120	.....	No. 2, ...	3.00 "
100 Daybreak	.....	No. 1, ...	4.00 "
75	.....	No. 2, ...	3.00 "
40 Lippincott	.....	No. 2, ...	4.00 "
125 Red Jacket	.....	No. 2, ...	2.50 "
125 Albertoli	.....	No. 1, ...	4.00 "
80	.....	No. 2, ...	3.00 "

Terms Cash or C. O. D.

GREENE & UNDERHILL, WATERLOON, N. Y.
Mention The Review when you write

CROCKER..

Large and Healthy,
\$4.00 per 100, \$35.00 per 1000.
...CASH...

S. J. REUTER, Westerly, R. I.
Mention The Review when you write.

Geraniums!

We have a very large stock of the best standard varieties, such as S. A. Nutt, Marvel, Wm. Pittzer, Countess de Castiers, Due de Montemar, La Favorite, Mme. Jaullin, etc. Secure good stock now at low prices. Fine plants from 2 1/2-in. pots, \$2.50 per 100.

NATHAN SMITH & SON, Adrian, Mich.
Mention The Review when you write

Carnations..

A-1 Stock. Has had plenty of water. Jubilee, Crane, Flora Hill, Daybreak, Ethel Crocker, Guardian Angel and Joost, \$5.00 per 100, \$45.00 per 1000. Treue, \$12.00 per 100, extra large plants.

CRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.

You will find ALL the BEST offers ALL the time
IN THE Review's Classified Advs.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of other making offers in our classified ads, and they will find there under their proper headings.

American Rose Co. 190	Kennicott Bros. Co. 317
Amor, E. C. 320	Kentucky Tobacco
Barnard, W. W. & Co. 303	Product Co. 335
Bassett & Washburn	Roeschell Bros. Co. 328
Ball, C. D. 320	Ruehn, C. A. 320
Baur & Smith 352	Ruhl, Geo. A. 321
Bayensdorfer & Co. 404	Laser & Hurnst ... 346
Beckert, W. C. 319	Littlefield, Sidney ... 353
Bentley & Co. 326	Lockland Lumber Co.
Berger, H. H. & Co. 326	Lord & Burnham ... 335
Berning, H. G. 320	Long, D. B. 332
Braut & Noy ... 321-329	Lord & Burnham ... 335
Brischoff & Barnett	McKellar & Winter
Engraving Co. 326	son 321
Buckley Plant Co. 329	Meacham, J. B. 333
Budlong, J. A. 320	Merkel, C. & Son ... 333
Burki, F. 335	Miehell, H. F. 345
Burpee, W. Atkes & Co. 331	Nicholas Cut Flower
Caldwell The Woodsman Co. 321	Exchange 321
Chicago Paces Farms 329	Miller, J. W. 334
Chicago Cut Flower Co. 320	Mitting, A. 318
Classified Advs. 322	Moninger Co., J. C. 334
Coltsch, J. W. 323	Moon Co., W. H. 321
Cottage Gardens 330	Morris Floral Co. 331
Crabb & Hunter 335	Moss, Geo. M. 318
Crawford Co., M. 330	Moss, Isaac H. 321
Crowl Fern Co. 303	Club 332
Cunningham, Jos. H. 329	Nissenen, S. O. 318
Dietsch, A. & Co. 333	Palen Co. 335
Diller, Caskey & Co. 334	Peuncock, L. S. 318
Dillon, J. L. 332	Pittsburg Cut Flower Co. 318
Dorner, F. & Sons Co. 333	Pollworth Co., C. C. 320
Dreer, H. A. 330	Quaker City Machine
Dutton, Chas. S. 334	Works 336
Ellis, F. M. 329	Randall, A. L. 329
Earl, John G., Sec'y. 329	Rawlings, E. J. 330
Garland, Frank 321	Reed & Keller 306
Garland, Geo. M. 336	Regan Pig. House ... 335
Geller, Sigmund 346	Reisberg, P. 329
Giblin & Co. 336	Reuter, W. & Co. 330
Grave, E. T. 333	Reizer, S. J. 335
Greene & Underhill	Rice, M. & Co. 331
Hammond, Benj. 335	Robinson, H. M. & Co.
Hancock, Geo. & Son 334	son 321
Hansen Park Floral Co. 333	Rupp, John 331
Heacock, Jos. 306	Schmitz, F. W. O. 345
Hels, Jos. 329	Sealy, John A. 331
Hets, J. B. 329	Siebert, C. T. 331
Herrmann, A. 306	Skabeura Dip Co. 335
Hill, E. G. 331	Soltau, Ch. 331
Hippard, E. 335	Thorburn, J. M. & Co.
Hitchings & Co. 323-534	Thornburn, J. M. & Co.
Holton & Hunkel Co. 323-534	Vesey, W. J. & N. S. 333
Hunt, E. H. 321-333	Vincent, Jr., R. & Son
Hunt, E. H. 321-333	Wabash Ry. 321
Igoe Bros. 333	Weber & Sons 335
Issing, W. F. 306	Weiland & Bisch ... 333
Keller Bros. 334	Whilldin Pottery Co. 334
Kellogg, Geo. M. 321	Whitton, S. 321
Kentz Foundry & Machine Co. 335	Wilcox Bros. 330
	Wilks Mfg. Co. 335
	Witbold Co., Geo. 331
	Young, J. W. 319
	Ziegler Filter and Pottery Co. 334
	Zirgabel, D. 321

THE FLORISTS' MANUAL.

The longer I have the Florists' Manual the better I like it.—J. SYLVESTER, Ocean-to, Wis.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1896, for Standard Flower Pots.



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FOR HAWTHORNE AVE.

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Pat. Sept. 15, 1900.



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Red Standard Pots.

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ALL the time in the

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by WILLIAM SCOTT

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No snow or ice.

Only 8 inches of shade.

No drip whatever from glass or gutter.

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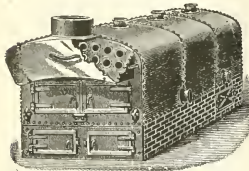
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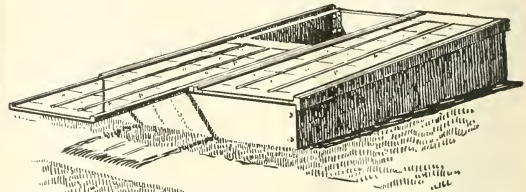
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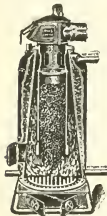
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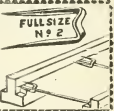
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Quaker City Machine Works,
RICHMOND, IND.



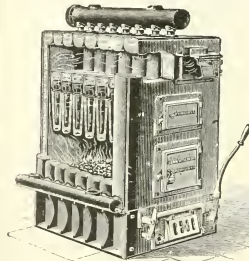
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See the Point #2 The Van Riper Perfect Glazing Points are the best. No rattle or rattle. Box of 100 points 75 cents, postpaid.
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714 Chestnut St., Phila., Pa.



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SCOLLAY BOILER
FOR
GREENHOUSE HEATING, ETC.
Hot Water or Steam.

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Send Four Cents for Catalogue. ... GREENHOUSE BUILDING

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, OCTOBER 3, 1901.

No. 201.

Lilium Harrisii

JUST arrived in fine condition, ready for delivery. Prices on all Bulbs, Tubers, Plants and Roots cheerfully given by sending your list of wants to

F. W. O. SCHMITZ, - PRINCEBAY, N. Y.



SUPERIOR BULBS

For Forcing and Bedding.

Send for our catalogue giving prices of all varieties of Bulbs. We have a high reputation to sustain and ask you to try our stock.

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PRICES THAT COMMAND ATTENTION.

Our Second 15-Day Offering. One Extra Item.

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42 and 44
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All Kinds of Florists' Supplies.

CHICAGO.

WM. F. KASTING

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COMMISSION
FLORIST....

ROSES, CARNATIONS
And all kinds of Season-
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ALSO DEALER IN FLORISTS' SUPPLIES AND
WIRE DESIGNS.

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Give Us a Trial. We Can Please You.

WE HAVE READY FOR DELIVERY

L. Longiflorum for Easter.

DUTCH || HYACINTHS, TULIPS,
BULBS. || Narcissus, Crocus, etc.

FLORISTS' SUPPLIES: CANE STAKES, RAFFIA,
BONE MEAL, etc.

Just Published: Florists' Wholesale Price List
of BULBS and SEEDS. Send for it.

W. W. BARNARD & CO. ^{161 and 163}KINZIE ST., CHICAGO.

WHITE Golden Gate THE GREAT PRIZE-WINNER

Contracts solicited for
delivery of plants April 15, 1902.

AMERICAN ROSE COMPANY, - WASHINGTON, D. C.

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There are Sheaves and there are Sheaves, but there are **NO** Wheat Sheaves **BETTER** quality or make than **OURS**. If you are one of the **FEW** who are not handling our **FAMOUS ITALIAN WHEAT SHEAVES**, send us your next order and we will convince you of their superiority in **STYLE** and **WORKMANSHIP**. We are the Largest Makers of Wheat Sheaves in the United States.'NUF SAID.

M. RICE & CO.

Importers and Manufacturers,

Leading Florists'
Supply House.

CATALOGUE
FOR THE
ASKING.

918 Filbert Street,
PHILADELPHIA, PA.

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Thorburn's BULBS

Our Wholesale Price List of High Class Bulbs and Flower Seeds for Florists has been mailed to the trade. Anyone who has not received a copy is invited to send for it now. We are the oldest Bulb importing firm in America.

J.M. THORBURN & CO.

36 CORTLANDT STREET, NEW YORK.

DAGGER FERNS 50c or FANCY FERNS per 1000.

Green or Bronze Galax, 75c per 1000, in 500 lots. Laurel Festooning, 4c, 5c and 10c per yard. All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



CROWN FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS

YOU...
WILL FIND ALL THE
BEST OFFERS ALL THE TIME
in the REVIEW'S CLASSIFIED ADS.

H. Bayersdorfer & Co. FLORISTS' SUPPLIES,

50, 52, 54 and 56 North Fourth St.,
PHILADELPHIA, PA.

Mention The Review when you write.

A. HERRMANN, Manufacturer of Floral Metal Designs. Importer and Dealer in Florists' Supplies, FACTORY, 709 First Ave., bet. 40th and 41st Sts.

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WRITE FOR NEW CATALOGUE.

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Importer and
Manufacturer
of ...



Complete Stock, New Goods. New Illustrated Catalog now ready. Send for it.

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Manufacturers of..... Florists' Wire Designs,
Importers and Dealers in Florists' Supplies.
Galax Leaves and all Decorative Greens.
Mention The Review when you write.

JOSEPH HEACOCK, GROWER OF Fine Palms,

For Price List
SEE PAGE 487, SEPT. 19th.

Mention The Review when you write.

MORE REMUNERATIVE.

My ads. in THE REVIEW were more remunerative than those in any other paper. I am well satisfied.—T. L. MEAD, Oveido, Fla.

FLORISTS' CALENDAR For OCTOBER.

Lil. Harrelli, 5x7 inch	12	100
Longiflorum, Japan-grown, sound, healthy, EASTER comes early. Plant now.	\$0.60	\$4.00
5x7 inch circ.....	12	100
6x8	40	275
7x9	50	400
9x10	90	400
True Longiflorum Multiflorum, two weeks earlier, many more flowers. TRY IT.	85	600
5x7 inch circ.....	40	300
6x8	50	400
7x9	100	700
Roman Hyac., white, lilac.....	25	175
12x15	35	250
Paper White, TREE Grandif. 1st size, 15 cm. up.....	15	100
2nd size, 12 cm. up.....	15	80
Chinese Narcissus, Mammoth bulbs, original basket, 50 bulbs, \$1.50; 120 bulbs, \$4.00.	50	300
Calla Ethiopica, 3x4-in. circ.....	50	400
FRESIA Leichthni, g. liden, yellow.....	15	100
Cyclamen Pers. Giganteum, brilliant colors, 1 1/2-2-inch bulbs.....	85	650
Spanish Iris, choicest mixed.....	10	40
Dutch Hyacinths, separate col- ors, extra fine, 15 cm. up.....	50	350
ALL Dutch Bulbs Ready. Try our stock.		

JUST RECEIVED.

KENTIA SEED, New Crop, 1901. SURE TO GROW.

Belmoreans or Forsteriana ... 25 seeds, 100
Larger lots, liberal discount. \$ 25 \$ 99 \$ 4.00
Asparagus Sprengeri..... 25 2.00
Asparagus Plumosus..... 75 6.00

End of OCTOBER Azaleas.
Send for our catalogue. Any information
given. Estimates cheerfully furnished. Write
and address

H. H. BERGER & CO.,
47 Barclay St., NEW YORK.
Est. 1878. P. O. Box 1859.

Mention The Review when you write

ORCHIDS..

Our stock of Orchids this fall is unsurpassed in
quality and price. A number of varieties are
now in sheath or spike.

WRITE FOR PRICES.

Lager & Hurrell, Growers and Summit, N. J.
Mention The Review when you write.

Always mention the Florists' Review when
writing advertisers.

THE RETAIL FLORIST.....

Funeral Designs.

The illustrations appearing in the Review and its contemporaries of American floral art of the designs sent to the funeral of the late president are very pretty. Some of the largest designs required six men to handle them, and we are sorry it seemed impossible to have them photographed; however, the ones shown are most creditable and some of them could not be reproduced in any other country, because they have not got the material. As it is, these designs were made outside New York city, and at a time when flowers were scarce; were it otherwise, even far better results would have been realized. New York florists feel proud of the work done by their brothers of other cities. The designs sent to the funeral of the late Queen Victoria cannot compare in any way to these, and they go far to show that though New York city is accredited with being the center of art, other American cities are equal to whatever emergencies arise to uphold American supremacy, even in the case of floral work for funerals.

The Plant Market.

This season promises to be an exceptionally good one for decorative plants, and as people are fast coming back to their city homes you cannot commence too early to make a display. A few plants outside your store on warm days will attract many a new customer, and let the old ones see you are still alive. Yes, the florists' stores at this time of the year should be bright and clean, and specially attractive, by having nicely arranged windows and a general appearance of aliveness. To be sure, you may not be doing much business at present, but if you don't show you are able to do it, you are liable to get left. This is the expensive time of the year for storekeepers, but it is the time when sacrifices must be made to try to at least retain the confidence of last year's customers and catch new ones. The florist business is at best only a speculation. The greatest danger lies not in the amount you invest but the material you invest in; eyes and ears are wonderful helps to those who strive to be successful, and they must be continually employed.

Now we are going to give advice to the retailers, and that may hurt some growers, but, Mr. Editor, it is necessary. We delight in knowing that every one gets a good big price for their stock, but the prices asked at present for any large-sized palm or decorative plant are exorbitant, nay, prohibitive; the people, except the few, cannot and will not pay one-half more than they paid last year for the same kind of plants, for they cannot see why, and it is a very dangerous thing for you to ask them to do it. It is a very easy matter for the grower to raise the price on the retailer, but it is quite another thing when the retailer

tries it on his customer, so go slow on high-priced stock. Of course, you must have fairly good-sized plants and be able to equal your rivals, but there are many opportunities where you can recommend and use cheaper material with almost the same effect.

We are speaking for the good of the general plant trade when we say that every effort should be made to keep the public in good humor at the opening of the season; don't confront them with any big rise in plants because a few men have in a way cornered the market on tall kentias. You may have to overwork your wits on how to arrange Mrs. So and So's conservatory with smaller

There is no doubt about it that some growers will get whatever they ask for their large kentias, but the great trouble lies in the fact that a general rise is attempted on all manner of decorative stock. If the death of the president had resulted in a national trade panic, another story might be told, and there is no sense now in trying to kill the goose that furnishes the golden eggs. You must either handle large stock and be satisfied with smaller profits or recommend smaller stock and devise more ingenious methods of arrangement.

A great many of the plants offered for sale now have been grown warm in order to push their growth; they will suffer severely and suddenly if removed to cold dwelling houses or stores where dust and draughts are substituted for light and warm moisture, and then again, know ye that there is a great development of the old art of clipping plants. A great many of the high-priced plants offered in greenhouses have been most artistically trimmed by the shears, and when such plants are used in a house they must needs be clipped every two weeks, so you can figure how long such plants will last. Be willing to pay



Standing Cross and Crown by A. Gude & Bro., Washington, for the President's Funeral.

stock, but you have often had to overcome greater difficulties, and in many cases the stands will have to be used to elevate plants and save your trade. The grower is not to blame altogether for the condition of affairs today. A few years ago kentias were a glut; they were despised because other plants were popular, and every one, even the street fakir, had kentias for sale; this state of affairs in a lessening degree lasted until last year. Now, owing to the fact that growers have not had sufficient capital to allow part of their stock to go in reserve, and the markets of Europe have been heavily drained for large stock, prices have gone up and they will go much higher next year.

a good price for cool-grown, perfect plants, but look out for doctored plants at any price; they are apt to do away with your bank account and ruin your trade.

The plant trade must of necessity be divided into several sections. The florist with a greenhouse can always find room for a bargain, and there are generally plenty of them going early in the season. The florist with only his store must needs be more circumspect and replenish his stock only when necessary. There is an enormous amount of small plants at present on the market; there are probably over five million small kentias and arecas among the growers in this country that could be used in one

way or another. The palms and decorative plants available for this season's trade throughout the United States would reach the fifty million mark. Almost anything in good condition can be used at one time or another, and the plant basket, or basket plant trade, will, if properly handled, be enormous.

There is nothing particularly new in plants that is to be considered by the retailer. It is generally a decade after a plant is introduced that it can be offered at a price to suit the general trade, yet there are many old varieties of plants too beautiful and useful to be longer overlooked. Let us go over what is offered by the growers at present, and classify the stock to suit the different grades of trade. First comes the small store or greenhouse keeper, whose customers consist of poor but plant-loving

necessary to put three or four in each pot to make them look something like: many of them have but recently been fixed up, and avoid such if you can, because they will go yellow if taken from the greenhouse.

You will need some colored foliage plants. A few small and medium *Pandanus Veitchii*, one or two *Dracena Lindenii* and *D. terminalis*, but go slow on such stock; you cannot sell it if it is not perfect and it seldom remains so for more than a month in the average store. You can offer your customers a nice assortment of plants without risking much money on novelties or fancy stock. *Phoenix canariensis* and *P. rupicola* are good and can be recommended to live where most plants die. *Livistona rotundifolia* and *Latania horvatica* are two more plants you should

chii, *Dracena terminalis*, *Rex begonia*, ferns, primroses, selaginellas, anything small, can be used up providing you have some color in it. You can pick up many pretty cheap baskets, pans, boxes and jardinières on the market, and no matter where your place is, you should let people see that you can do things nicely.

Get above the old level of doing things. Instead of having all your plants scattered about (and they seldom are attractive in such a way) put some of them together in some form. In a little while from now you can make a specialty of these designs and if there is any trade at all you ought to make out well on them. A great many people would rather pay five dollars for a basket or jardinière of plants than three or four dollars for one plant, and small plants such as we mention can always be got very cheap.

It is rather foolish to plunge and buy all you think you will want for the season. Better go slow; make a good show but remember you cannot sell stale looking plants and you cannot keep them as fresh as the grower. IVERA.

CHRYSANTHEMUM NOTES.

Early Varieties.

So far as the early varieties are concerned, cultural instructions will soon count for nothing, as the buds are rapidly developing and success or failure is now assured. As the color begins to show in the buds, feeding with liquid manure should be discontinued and only clear water used. As the days get shorter and the heat of the sun declines it will be found that less water will be needed, and it should be so arranged that all watering should be done in the



people. They are fully as capable of admiring extra large specimens as the wealthy people, but they have neither the room nor the money to pay for them, consequently we must select plants to suit. Small rubbers are probably the most popular in their case, and they were never so fine, so plentiful, or so cheap as they are at present. No mistake can be made by investing in a half dozen or dozen of the several sizes; children may be induced to buy the smallest size.

They can be bought at from \$2 to \$3 per doz. and can be retailed at from 35 to 60c. Branched rubbers are the most popular, and even they can be had in all sizes; the great majority are retailed at from \$1 to \$2. Next to rubbers with many will come Boston ferns. The country is fairly swamped with them, and away-down cut prices are threatened. There is too great a rush to get rid of a large quantity of these ferns, and the result will be disastrous to prices. You cannot well charge double in December for the plant you sell in October, and you may be face to face with such a condition. A great many of these Boston ferns have been grown crowded together and the result will be a severe dropping of foliage; you must get them as cheap as you can, of course, but use some care in selection and if possible get the cool grown, shapely kind; 6, 8 and 10-inch pan or pot sizes will be best for you.

Kentias are your next important plant and you will not have much demand for sizes above the \$7.50 mark. You ought to get nice kentias and *Areca lutescens* you can afford to sell at from \$2.50 to \$5. The majority of such plants have been so pushed in growth that it has been



Flowers at the President's Funeral. In the Cemetery at Canton, O.

have, and there can be nothing better for you than both varieties of aspidistras.

There are very many places and occasions where pans or boxes or vases of small plants could be sold were they arranged artistically and offered at a fair price. We are sure that this will be one of the greatest sections of the trade this year. The public is not slow to see and appreciate a good thing; it is yearly becoming more partial to plants and it is only a question of how you offer them. We have often arranged what we styled French plant baskets, some with low handles, others with side handles and just a bit of ribbon to add color. Small plants, such as kentias, *Pandanus Veit-*

morning, so that the atmosphere of the house may be dry by nightfall. A dry, buoyant atmosphere is needed for the best development of the flowers.

At night the ventilators should not be closed tightly if the outside temperature falls to the freezing point, just for the sake of trying to be economical in fuel, but leave an inch or so of air on the top ventilators and run a crack of steam round the house. This will keep the atmosphere dry and moving and prevents the settling of moisture on the petals. Condensation always takes place if the house is closed up tight, and the moisture strikes through the petals and causes them to damp.



Flowers at the President's Funeral. The Vault at Canton, O.

Decomposition of the petals also takes place if the plants have been overfed, but this trouble occurs very seldom with the average florist, the shoe being generally on the other foot in his case, as either on account of lack of time or because he thinks the big flowers don't pay him his plants are generally underfed rather than over.

After the buds are showing color we like to maintain a temperature of from 45 to 50 degrees. Anything higher is unnecessary and anything lower is liable to check the development of some varieties.

There is a small thrip which is much in evidence just now, which works among the petals, chewing or sucking the coloring matter out of the petals and causing a flower to become very unsightly in a short time. This thrip seems to have an affinity for the white varieties or else the damage is more apparent on the whites. It is not very numerous if the house has been well fumigated for fly, and can generally be got rid of by handpicking if a diligent search is made on several successive mornings.

Mid-Season Varieties

Are greatly benefited by frequent applications of liquid manure now that the bud is showing well up above the foliage, but never make the mistake of giving the plants a strong dose at any time to try and make up for lost time. It is the greatest kind of a mistake. Let the liquid be weak and apply it every time you water at this time rather than giving a strong dose and giving several applications of clear water in between.

If liquid is applied too strong and the soil happens to be rather dry the effects are painfully apparent in a marbled, twisted stem and a blasted bud or deformed flower. It is always wise to put a little sulphur on the steam pipe as soon as firing has to be begun. This will keep down the mildew which is almost certain to strike in to a great

er or less extent along the bottoms of the plants where the foliage is dense and the sun cannot penetrate. Apply the sulphur with a paint brush, dropping a little of it every four feet or so along a single pipe. If too much is used it is liable to cause the color of the pink varieties to fade and give the flowers a dull, bedraggled appearance.

The season of 1901, by the reports from different sections of the country, will show an improvement in flowers generally, the growth being as a general thing dwarf and in good condition.

BRIAN BONT.

VIOLETS.

In the FLORISTS' REVIEW of Sept. 12 there was an article on the use of nikoteen for aphid on violets. Will you kindly state what proportion of nikoteen and water to use.

A. H.

I suppose that A. H. alludes to something I said about the use of nikoteen on violets. The foliage of violets is very susceptible to harm; for instance, common Bordeaux mixture, which you can use on roses and carnations and many other leaves, is destruction to violets. It will burn them right up. Nikoteen is a very strong solution and for use on violets it can be used at a strength of 300 of water to one of nikoteen. Some use what is known as the rose leaf extract of tobacco, which you can use 100 to 1.

WILLIAM SCOTT.

GERANIUMS.

When lifting your old geraniums it is a mistake to pot them in large pots or boxes. Take off nearly all the foliage and pot into very small pots in sandy soil and place in the coolest house you have for a few months until they harden and form new roots. If then potted or boxed up they speedily respond and give plenty of cuttings.

If you want to work up a stock of

new and choice varieties these can be planted out on a sunny bench after their season of rest and by making toothpick cuttings during February, March and April a stock can soon be worked up for spring sales in 2½-inch sizes.

J. O. E.

AZALEAS.

Azaleas for Christmas, such as Deutsche Perle, Simon Mardner and Vervaeana, should be placed in a rather cool house after being received, but a week later they should go into a temperature of 65 to 70 degrees at night until in bloom, and then be hardened a little. When the conditions are not just right to maintain the proper temperature try a mild hotbed in the house and with the right amount of watering and syringing they will be hastened along. If carefully attended to those not having the right facilities in piping may get them in all right.

The main thing in making a hotbed in the house is to see that the material is well prepared, and this should be done before bringing it inside.

J. O. E.

PANSIES.

For spring sales we must have large, bright flowers, and having obtained the right strain of seed a little care should be used in making up the beds, which must be well drained and properly enriched with old rotted manure, bone meal or horn shavings.

The seedlings should never be allowed to become "drawn" before pricking off, and if the plants appear too thickly in the spring no time should be lost in transplanting farther apart.

After trying various methods of sowing the seed I have adopted the following: I sift clean sandy loam to a depth of three or four inches, water well, sow, and cover with boards elevated above the bed. When the seeds begin to germinate the covering is removed and the bed watered frequently.

J. O. E.

MISCELLANEOUS SEASONABLE HINTS.



Bulbs.

Tulips are arriving and along with them the narcissus. I suppose there are some beginners in the business who have not yet tried their hands at forcing tulips. It is not such an important matter with us as it was 15 years ago. The forcing of tulips and daffodils was then a very important item and a good deal of money was made at it. I can very well remember the time when it was quite experimental with us and we had to try a year or two before we were certain of success. Now with good quality bulbs we know the conditions required so well that there is no fear of failure.

If you have imported your varieties no need of telling you what sort to grow. There may be some who have not yet purchased their forcing tulips. There is no doubt about the Duc van Thol being the earliest to force, but as I have often said, we have so many other flowers now for the holiday season that short stemmed tulips are really not essential, and therefore I would dispense with the Duc van Thol varieties. For scarlet, Waterloo (as often called Belle Alliance) is inexpensive and very fine. Vermillion Brilliant is the best of all scarlet flowers and very early. For a yellow, Chrysolora is still earlier than Yellow Prince and deeper in color, but Yellow Prince is grand, with a longer stem and is best for general crop.

For white the ever popular La Reine is the best. Under some conditions this variety often assumes a beautiful pink shade. When first opening it is almost pure white. White Pottebakker is a magnificent white, but much more expensive than the La Reine. For pink Rose Gris de Lin is fine, but the most beautiful of all is the Cottage Maid. Proserpine is one of the grandest of all tulips. Its color is hard to describe; we will call it a deep pink; a splendid forcier.

The above are about all the colors that you need and every one is perfectly adapted for early forcing. If more variety is needed, Kaiserskroon, red bordered yellow, is a fine flower, but sheds its petals badly. Duchess de Parma is also a very large flower, orange yellow. Joost von Vondel is a very fine flower. It might be described as a claret shaded with white.

There are few double tulips that it will pay to force. Couronne d'Or is a fine deep orange. Imperator Rubrorum is the best scarlet. Tournesol is a red and yellow; a very showy flower and worth growing for Easter. La Candeur is a very cheap, large double white, but do not try to force it before March. Murillo is the best of all double tulips for the florist. It opens white and then assumes a most beautiful delicate pink of a satiny texture.

Before I tell you my method of handling tulips I would just like to say, do not be in any hurry to plant out of doors. You are not likely to do it yet for some time, but last fall we had some valuable experience in this line. The best tulips that I have ever seen in this

country or any other were planted as late as the end of November. In fact, they were dibbled into almost mud, but they came out in magnificent style. This is the experience of other growers. When you plant out of doors too early they are apt to be rather early in the spring and do not last in bloom nearly as well as those that are making roots in the spring. So the end of October and November is plenty early enough to plant tulips and hyacinths outside.

Now, for forcing it is very necessary that you get at least part of your bulbs in at once, and there is no object in delaying the boxing of any of them, because the better they are rooted the easier they will force. For the 17th time I will just allude to the flat or box we use for forcing, and I have never been able to improve on it. This flat comes in useful for carrying plants or for packing bedding plants in in the spring. It is 2 ft. long, 1 ft. broad and 3 inches deep, all inside measure. The ends are made of inch stuff and the bottom and sides are three inch strips half an inch thick. This just allows a small space between each strip on the bottom

It is a mistake to think that it is necessary to have a rich soil for tulips or hyacinths. The Hollander has produced the embryo flower and all we do is to force it out with heat and moisture, so any soil will do as long as it is a good workable texture. The soil from an old arnack bed would be ideal. Light it should be for convenience sake.

Boxing these tulips, hyacinths or narcissus should be a very quick operation and one that wants very little training. We just fill the box even full, and where a quantity is being done the man who puts the bulbs in need not have that part of the job to do. Then we squeeze the bulb down until the top is even with the top of the box and that makes the soil of just the right solidity. A little soil is needed then between the tops of the bulbs and the operation is done. The box I have described will hold about 72 La Reine or the smaller varieties and 60 of such varieties as Murillo, or 50 Von Sion.

If you have a root house that is very cold it may do as well for storage of these bulbs as to have them out of doors, but even in our severe climate I much prefer to have them entirely out in the open ground. We put some old boards on an open space of ground and set the boxes on the boards. We make beds of about six ft. wide and as long as you like and a space of six or seven ft. between another bed. The first and important thing is as soon as the boxes are placed on the ground that they should have a thorough watering. Make sure that it goes down to the bottom of the



Wreath of Roses, Valley and Orchids, by A. Gude & Bro., Washington, for the President's Funeral. Ordered by British Embassy.

and is just what you want for drainage. We get this stuff ripped out at a planing mill out of rough but sound lumber, and I don't think the boxes cost us, making and all, over six cents each. Of course we make them ourselves. If you have a few little boys, as I have had in my time, passing through the age when they are fond of using a hammer, they will be delighted with the job.

box. We throw a small quantity, just a sprinkling, of the buckwheat husks on the surface of the soil. The only good that does is that the soil with which you cover the boxes breaks away easily from the soil in the box when taking them in. As soon as thoroughly watered we dig the soil out between the beds and throw on from two to three inches and level over the whole surface.

Nothing more is needed until near the first of December except one important thing, and that is if we get a dry spell the beds want a thorough watering every week. We made the mistake years ago of thinking that an occasional shower was enough. Remember there is no moisture coming from the earth to supply the roots as there is to plants in the open ground. When real winter comes or we think it is coming we throw on four or five inches of stable litter. A quantity of dry leaves, which we could easily get, would answer the purpose just as well, but we find it is a great job to keep them from blowing away. In a good many years we have never remembered but one year that there was any trouble in getting the bulbs in as we wanted them every week. If we have plenty of snow, so much the better, for that keeps the frost out, but if boxed early, as they should be, we don't at all mind if frost does penetrate down into the soil covering the bulbs.

Dutch Hyacinths are of course potted in 4-inch pots. We prefer to put these in a cold frame. Not that freezing will hurt, but they are easier to get at. The same with Roman Hyacinths. They are generally supposed to be tender, but we have often seen them frozen without any harm. But they should not be brought into a warm house when frozen. Paper White should never be allowed to freeze at any time. We never run any risk of them because we don't have Paper White out of doors after the middle of November.

For the past three or four years, or I might say since Easter has been such a plant time, hyacinths, tulips and narcissus in pots and pans have been a very important item. I prefer the pans to the pots for this purpose, but not too large. We grew many hyacinths and daffodils in 12-inch pans and found them rather large; 7, 8, 9 and 10-inch pans are the best.

There is a great variety of ways in which you can plant these pans. We found with hyacinths that to have them all of one color was preferred. Treat them precisely as I have described for boxing, except that I would prefer to put them in a cold frame, where they can be protected by glass or boards so that little or no freezing will occur, because if frozen hard many of the pans will be cracked. Common sense will almost tell you how thick to put these bulbs in the pans or pots, but remember that in the case of tulips you can scarcely overdo it. Tulips when massed are showy, but half a dozen stuck around in a pan would look scrumpy. I will tell you later about bringing them in to force, but I will say now it is useless to bring them in unless well rooted, and we have for some years found it unprofitable to begin forcing till New Year's; that is, we bring in the first tulips, Dutch hyacinths and daffodils about New Year's. This brings them on about the end of January, which is as soon as it is profitable to force them.

WILLIAM SCOTT.

ROSE NOTES.

Propagation By Grafting.

This mode of propagating roses for indoor culture is comparatively new in America and has been resorted to with the object of getting increased root action and consequently more vigorous



Shield 7 ft. High, by A. Gude & Bro., Washington, for the President's Funeral.
Ordered by Army of the Potomac.

growth in those varieties which are naturally weak on their own roots, or some other varieties which through a long period of excessive forcing are showing signs of deterioration.

Not having practiced this method to any great extent I am not in a position to say much about its merits from personal observation. The operation is by no means a difficult one, and can be learned more quickly from seeing it performed than from a written description. The time and labor expended in this mode of propagation is much more than that required in making cuttings and putting them in the sand, and whether the result in quality and quantity of crop is sufficient to make up for the extra expenditure is still a mooted question. The young grower who is desirous of trying to grow grafted stock would do better to purchase from some good grower who uses this kind, and give them a fair trial alongside of good stock raised from cuttings and watch the result. From my own experience and from what I have observed in other places where this kind of stock is grown, the difference is so imperceptible that I have reverted back to the cutting.

Cuttings.

Cuttings ought to be potted just as soon as the roots attain an inch in length. If allowed to stand in the sand any length of time after they are ready the roots extend through the sand and get so tangled up together that it is difficult to handle them without breaking. They will soon begin also to make wood of a very inferior kind, which will be sure to wilt when they are potted, and retard the starting of growth in the young plant.

Rose soil left over at planting time is a good soil to use for first potting; it ought to be in a nice mellow condition and passed through a half inch screen.

I prefer 2-inch standard pots. These should be thoroughly clean inside. It is wise not to take too many rooted cuttings from the bench at one time, as the roots are so tender that a lengthened exposure will soon shrivel them up, and the fewer checks the young plant has so much the more quickly will it start. Great care ought to be used in handling the young plant, the roots being so easily broken. It is easy to be quick at potting, but to do the work in a proper way is quite a different matter. The roots ought to be only one-third down the depth of the pot, and the soil firmed equally all the way down. Water as soon as possible.

The Young Stock.

At this season you will find room scarce and the temptation strong to place your young stock on any bench that is empty. This is poor policy. Look out the best position in the house for your young stock; it will pay you to make a sacrifice to give it a good place.

After having placed your plants on the bench make sure that they are thoroughly watered, as many young plants are ruined by want of care in this respect, they having all the appearance of having been watered while they are only wet on the surface. If the weather is bright, shade for the first three days, but only while the sun is shining on the bench, as the more light the quicker will be the start. Syringe twice a day in bright weather. Keep night temperature at 56 degrees and the day temperature in dark weather at 62 degrees, bright weather 70 degrees.

RIEBS.

THE CELESTIAL PEPPER.

Since the days of our old Jerusalem cherry (*Solanum Capsicastrum*) no berry plant has been introduced (barring *Ardisia crenulata*, which is expensive to grow) that has given more satisfaction

than the Celestial Pepper. When in condition at the holidays it is a splendid seller, its beautiful foliage and berries in three colors—yellow, purplish and red—attracting instant attention.

Its cultivation is apparently easy. Many have discarded the plan of growing it in the open ground and lifting it, but prefer to sow seed about May and keep the plants moving right along, making the final shift into 6 or 7-inch pots or pans plunged out in the open frames all summer and brought in before frost.

A bench or house of this pepper well grown and in full fruit is a grand sight, and the plants sell at sight at profitable figures.

Three or four sowings, commencing in April and extending to June, will result in salable plants from September to Christmas in from 3 to 8-inch pots. A rich, open soil is best and the last shift should be made before the berries are colored.

J. O. E.

NEW YORK.

The Market.

There has been a great big slump in the cut flower market this week and many hope it will not last. We send you companion sheets which give an idea.

	Sept. 25.	Sept. 26.
Beansies—		
Specials	\$25.00 to \$30.00	\$20.00 to \$25.00
Fancy	15.00 to 20.00	15.00 to 20.00
Extra	10.00 to 12.00	10.00 to 12.00
Firsts	6.00 to 8.00	6.00 to 8.00
Seconds	2.00 to 4.00	2.00 to 4.00
Thirds		1.00
Meteor—		
Specials	10.00	10.00
Fancy	8.00	6.00
Extra	6.00	4.00
Firsts	4.00	2.00
Seconds	1.50	1.00
Brides and Maids—		
Fancy	6.00	6.00
Extra	4.00	4.00
Firsts	2.00	1.00 to 2.00
Seconds	1.00	.50
Victorias—		
Specials	12.00	12.00
Fancy	8.00	8.00
Extra	6.00	2.00 to 4.00
Firsts	3.00	1.00 to 2.00
Seconds	1.50	.50
Carnots—		
Fancy	8.00	8.00
Extra	6.00	4.00 to 6.00
Firsts	3.00	2.00
Seconds	1.50	.50
Carnations	1.00 to 2.00	1.00 to 2.00
Violets	2.00	2.00
Valley	3.00	4.00
Cattleyas	25.00 to 25.00	25.00
Gardenias, per doz.	2.00	2.00

Just a few chrysanthemums are com-

ing in; they are poor as yet. Carnations are scarce and principally outdoor grown. There are a great many carnation plants in the fields about here, yet awaiting purchasers. Crops of roses and cattleyas and orchids seem to be on the rush at present. Orchids are seen in most of the florists' windows and they are very fine. Prices for all grades of cut flowers have so far this season been very high as compared with last year, in many instances almost three times as much has been gotten for good grades of cut flowers, and the growers ought to be satisfied with results so far. We may have a dull spell just now when people are still out of the city and crops are increasing, but as soon as the cold weather sets in and the mum glut is over there is every reason to expect a very good season all round.

Various Items.

The auctioneers report fairly good results considering all with last week's sales. John Scott's annual sale at his Keap street establishment was a big success. John has an immense quantity of small stock in good condition. Anton Schultheis got a big bargain in Pandanus Veitchii, so did Alf. Zeller with these and Draecena Lindeni. James Weir's Sons bought small kentias, and Schmutz got several good lots of small plants. Messrs. J. N. Champion & Co. displayed a keen knowledge of stock and values, sending quite a nice lot for their New Haven trade.

Clary reports that considering the earliness of the season the McCoolan nursery stock at Atlantic Highlands, N. J., brought fairly good prices. Many of the plants sent to the city auction rooms go well, others have to be slaughtered. The international yacht races are blamed for everything, and to tell the truth they seem to absorb all interest here.

Some of the florists are displaying pans of oxalis in their windows in lieu of shamrocks, and Small & Sons have two very pretty fac-similes of the yachts made of capes and immortelles on show at their new Waldorf-Astoria store. "Norman Co." is the title of a new florist store opened at Sixtieth street and Madison avenue. It is given us that Mr. Taylor, the cheap carnation man from Connecticut, is the controller of the firm.

Several prominent florists have recently died. All regretted to hear of Jim the Penman's fate. Peter F. Daly, founder of the firm of Daly Brothers, Grant on, N. J., passed away, and Louis Amman, son of the veteran Charles Amman, of the Bronsville Nursery, also T. J. Slaughter, the old-time rose grower of Madison, N. J., have joined the great majority, deeply regretted by many friends.

An Exhibition.

The flower, fruit and vegetable show held by the American Institute at the Berkeley Lyceum, September 24 to 26, was a success in point of quality of exhibits; 50 cents was charged admission, and at times there was a fairly good attendance.

Dahlias were the principal flowers on exhibition, and though the dahlia season has been somewhat cranky and backward, still some very fine flowers were to be seen here. The classes were divided between florists and private gardeners, and in the section for dahlias, W. P. Lothrop, East Bridgewater, Mass., won first on display of pompons, which were very fine; second on 25 varieties, one of each; first on 25 fancies with "Lucy Fawcett"; second on 50 varieties: second on 25 shows, one var.; first on display of Cactus dahlias, and second on 10 vars. of show dahlias. Rowel & Granz, Hicksville, L. I., got second on 25 blooms of fancies; second on five blooms of Strahlen Krone; second on 25 shows; first on five blooms of A. D. Livoni; first on 25 white shows and second on vase of Grand Duke Alexis. H. F. Burt, Taunton, Mass., captured first on 10 var. of shows; first on display of singles; second on display of pompons; first on display of cactus varieties; first for 25 varieties; first on 50 singles, and first on 50 shows.

In the classes for private gardeners George Hale, Seabright, N. J., won first for 25 shows with the var. "Emily"; first on 10 varieties; first on 25 varieties; first on 50 varieties; first on display of cactus varieties, and first on five Clifford Bruton. James Dowlen, Seabright, N. J., got second on five A. D. Livoni; first on five Strahlen Krone; second on five Clifford Bruton; first on five Grand Duke Alexis; second on 100 singles; second on display of cactus varieties; second on 25 varieties; first on vase of cactus and



The Carriage which Carried the Portrait of the Late President in the Funeral Parade in Chicago.



The decorated portrait in the carriage shown on the opposite page. Both decorations by John Mangel, Chicago.

second on 10 varieties of shows. L. A. Martin, Greenwich, Conn., won first on display of pompons. Beaulieu, of Woodhaven, exhibited several of his new dahlias.

This was practically the annual exhibition of the American Dahlia Society, the remnants of which met on Wednesday afternoon and reluctantly decided that the attempt to keep up such a society was a failure. This is a great pity.

The present classification is very faulty and steps should be taken to more properly define the types. Single dahlias seem to have gone out of fashion, and "shows" and "fancies" don't seem to be very popular in this country; pompons, cactus and what are strangely classed as "Decoratives" are the types most popular here, and the fifty best varieties of the two latter sections exhibited at this show were Baron Schroeder, Africa, Oban, Princess Christian, J. Roach, Kingfisher, Proserpine, Radiance, Kenneth, Octopus, Merry Service, Mrs. Peart, Mrs. F. Fell, Earl of Pembroke, Standard Bearer, Wiltshire Lass, Cinderella, Starfish, Beatrice, Bridesmaid, Matchless, Britannia, Arachne, Laverstock Beauty,

Clifford Bruton, Gloriosa, Mrs. Barnes, Mrs. Turner, Island Queen, Alpha, Fusilier, Green's White, Night, The Czar, Princess Eve, Ernest Cannell, Ruby, Papa Charmet, Eclair, Capstan, Wm. Jewett, John Halifax, Mrs. Dickson. There is of course a similarity of color in many of these, but the forms differ and they embrace every shade; all of them are extra fine and well worth growing.

Lager & Hurrell, of Summit, N. J., exhibited and won a special prize for a most beautiful group of orchids, which included many varieties. We never saw a finer spike of *Vanda coerulea* nor larger *Cattleya labiata* and *C. Gigas*; they were very beautiful. *C. labiata* var. *tessallata* was fine, so was their *C. Suavir* and *C. chrysozona*, a new form of *Laelia praestans* and a fine piece of *Stanhopea Amesiana*. Julius Roebers, Ruthersford, N. J., showed some choice orchids and decorative plants, as did Siebrecht & Son, of New Rochelle, and Geo. Hale, of Seabright. Perhaps there was never a finer lot of fancy colored *caladiums* shown here than those of W. A. Manda; there were many beautiful new ones in the group. A. Hallock, of Queens, staged

a fine collection of hardy phlox, and *Tritoma Pfitzeri*, exhibited by J. L. Childs, showed up immensely; all the above were awarded special prizes.

There was quite a display of hot-house grapes. Wm. Scott, Tarrytown, N. Y., won first on two bunches of Muscat Hamburg; first on two bunches of Muscat of Alexandria; they were very large bunches. A. Herrington, Madison, N. J., won second on two bunches of white and second on two bunches of black. Geo. Hale won first on collection with two bunches each of Lady Downs, Golden Hamburg, Gros Merve, Muscat Hamburg, Muscat of Alexandria and Black Alicante. Howard Nicol won second on collection. Ellwanger & Barry, of Rochester, displayed a magnificent collection of pears and other fruit, winning several prizes.

L. A. Martin, Greenwich, Conn.; A. M. Warner, Baiting Hollow, N. Y.; H. J. Reeve, Mattituck, L. I.; F. H. Tuthill, Jamesport, N. Y.; R. C. Kayton, Ellensburg, N. Y.; Wm. Scott, Tarrytown, N. Y.; H. Nicol, Yonkers, N. Y.; Alex Mair, Oakdale, L. I.; James E. Counce, Larchmont Manor, N. Y.; M. L. Bell, Sparkill, N. Y.; T. Garrett, Oakdale, L. I.; T. G. Bourne, Oakdale, L. I.; J. T. Young, Laurel, N. Y.; C. C. Crosby, Montclair, N. J.; all names celebrated by excellence in fruit and vegetable culture, divided the long list of prizes for same with most creditable exhibits. Cornell University was a large exhibitor, showing many novelties and well grown specimens.

A chrysanthemum show will be held in these rooms in November, with \$500 offered as prizes.

Bowling.

The new bowling club organized among the employes of the wholesale florists met during the past week and elected the following officers: President, Adolphe Riedlenger; secretary, Arthur Wisce; treasurer, William Sampson, and Capt. James Coyle. A challenge was issued to the retailers to bowl this (Tuesday) night. Scores rolled on Saturday night on the Twenty-sixth street alleys were:

A. Riedlenger	141	128
A. Wisce	161	182
M. Sampson	102	107
A. Hutt	139	115
H. C. Reidel	109	118
W. Sampson	110	120
S. Dyde	102	129
W. Wisterkemp	120	110
J. Suple	127	125
H. Donohue	150	140

Much interest is taken in this club among the younger element in the florists' trade and there is no doubt but that it will soon be numerically very strong. It is hoped they will challenge the junior team of the New York Florists' Bowling Club shortly. Of course being only beginners they cannot yet cope with the experts.

The New York Florists' bowling team have challenged the Philadelphia Florists' bowling team and a hot time is anticipated when the match comes off.

J. I. D.

PHILADELPHIA.

The Market.

Business has taken on a fall turn this week. The aster, ruler of the September market, has been replaced by the dahlia, which bids fair to rule the market during October. This flower is a revelation, a wonderful improvement over the dahlia of five years ago. The retailers are taking them up in earnest, as a glance at their windows will show.

This flower is a great shipper that our out-of-town brethren should certainly use wherever possible; \$1 per 100 buys good ordinary, while select bring \$2 per 100, and Ethies, with two-foot stems and lots of foliage bring \$3 and even \$4 per 100.

Roses are improving in quality and quantity, with prices about the same as a week ago, possibly a little higher on select stuff. Carnations are scarce and in demand at \$1.50 to \$2 per 100. Violets want a breath of cool air for a few nights to be a factor in the market. Asters are still to be had, though another week will make a difference in their number, which is steadily diminishing.

September was a good month when compared with the Septembers of previous years.

John Burton's Place.

Many florists have seen the picture of the president-elect of our national society, and most of them have read sketches of his life, and I know that all of them would like to know how his place looks. John Burton has a beautifully situated piece of ground on the Willow Grove pike in the village of Wyndmoor, near Chestnut Hill. The house and office are in a plot divided from the road by a well-kept lawn. The greenhouses are just back, all running parallel to the road, east and west, systematically arranged in two sections, with boiler sheds and open spaces between.

The houses are mostly filled with roses for cut flowers, although there are a few other things—smilax, Asparagus Sprengeri and plumosus and Cypripedium insigne. The place is remarkably well balanced. Beauties are the main crop; there is also Maid, Meteor, Kaisersin, Bride, Liberty and a few small roses. Bon Silenc, La France, Isabella Sprunt, Pierre Guillot and Madame Gerard. One house is waiting for Ulrich Brunner to be brought in for Christmas in boxes. There is one new house here, after which the houses at the new place were modeled.

The new place, half a square foot, consists of six houses 150x25 feet. Each house contains three low benches and four walks. Four houses are planted with Beauty, one with Maid and one with Beauty and Golden Gate. All six houses are practically even span, with certain variations in pitch and height of wall and with front glass. All are heated by steam and have practical locking air valves made by the new valve company on the Cresheim road nearby. They are also fitted with a roller to prevent friction between pipes and pipe rests, an idea of Edwin Lonsdale's. The houses were built and fitted up by Mr. Burton and his own men. They are well done, so well that it is doubtful whether skilled mechanics could have done much better.

The stock at both places is in fine shape without exception; it is wonderful how well it has been managed while the building was being done.

Various Items.

Julius Wolf, Jr., has just completed a new house for boarders. He is fortunate in having both summer and winter boarders and can make the best use of such a house. Hot water under pressure is found to be admirably adapted to the requirements of this place.

W. P. Peacock, Meo, N. J., is now sending some wonderfully fine dahlias to S. N. Penock. C. W. Bruton is a yellow with color, size and stem almost equal to a good chrysanthemum; A. D. Lavoni is a fine pink; Storm King and several other whites are pure in color, of fair size and stem. There is a very fine crimson, the name of which I did not get. Mr. Peacock is going to cover a half acre or more of the late planted dahlias with muslin supported on uprights to keep off frost, so we may have flowers from this great farm for six or eight weeks yet.

J. J. Habermehl & Sons have had a very good summer business and anticipate a rushing fall and winter trade.

George Craig has put in a new tiled counter and window, which adds greatly to the attractiveness of his store.

John Devlin, 63d and Buist streets, has some very fine Ethel Crocker and Flora Hill carnations.

Thomas Foulds, of Gwynedd, has opened a store at 13th and Columbia avenue. It is understood that he intends to wholesale much of his stock.

W. T. Christ, of E. Washington lane, Germantown, has an early lot of cosmos in bloom. There is some speculation as to how it was done.

E. Weiss, of Hathoro, is cutting some very fine Brides.

The growers downed the storekeepers some days ago on the club alleys. The latter felt that it was a case of knowing the kinks and curls in the alleys more than one of superior bowling, so a match was arranged on the new Academy alleys, 9th and Gerard avenue, for Friday of last week, the losers to pay all expenses and stand a lot of jollying. The two teams lined up as follows:

Growers.	Storekeepers.
D. T. Connor,	George M. Moss,
W. K. Harris,	W. R. Gibson,
George Anderson	B. Starkey,
John Westcott	W. Graham,
John Burton	G. Watson,
S. Adelberger.	George Craig.

The storekeepers won after a rattling good game, by 122 pins. The growers have challenged them to a return match, which will take place at the same alleys on Thursday of this week.

The October meeting of the club was held on Tuesday evening. The officers elected were: President, Wm. K. Harris; vice-president, John Westcott; secretary, Edwin Lonsdale; treasurer, J. Wm. Colflesh.

C. J. Rennebar gave a practical talk on steam fitting, showing just how to make connections, which was greatly appreciated by the members. PHIL.

ST. LOUIS.

The Market.

Business seems slow to assume anything like steadiness, and therefore not much can be said regarding it. The early part of the week there was quite a lot of funeral work, also some counter trade, but since then trade has been very quiet. The supply of carnations has improved, also the quality; there is more pink and red in than last week. The rose supply is quite large—that is, taking it all together. The supply of Al stock is far from heavy. Plenty of second-grade stock is sold very cheap, so cheap that some stores have out their usual signs, "Roses, 25 cents per dozen." The supply of Beauties has slackened somewhat, still plenty of them are in for the demand. First-class long Beau-

ties are always in demand in this market. Ellis received a fine lot of Cole's Kaisersin the past week, which sold at sight.

Prices.

The prices paid on Brides, Maids, Perles and Meteors were from 1 to 4 cents; Kaisersin, \$3; Beauties, from 50 cents to \$2.50 per doz. Carnations have had a good call all week. The bulk of the stock which is still short-stemmed brings \$1 per 100; anything like a long stem brings \$1.50, and some extra fine stuff goes at \$2; the latter has quite a demand, but as yet is scarce. Fillmore's Flora Hills at Kuehn's had a big demand. A few fine asters are still coming in, which bring \$2 per 100. Valley sold slowly the past week at \$2 and \$3; quality very good. Cosmos, usually so plentiful is not to be had. Dahlias are too scarce to be quoted. Tuberoses were also very scarce the past week, with some demand. Chrysanthemums are not yet in, but it won't be long before this flower will crowd all others out of the market. All kinds of greens are selling well at the same old price.

Notes.

Miss Ida Schaffer has bought out the establishment of Mrs. Lukinsmeyer at the corner of 14th and Montgomery streets. Miss Schaffer is entirely new to the trade, not having had any experience; it don't seem necessary now-adays.

Mr. Andrew Meyer, on South Jefferson avenue, has a fine lot of mignonette Machet in 2-inch pots; also about the best pot chrysanthemums seen in a long time. These flowers are Mr. Meyer's pets, and no one knows better how to grow them. Mr. Meyer stated that the classified list in the REVIEW is a great help to any one who has anything to sell or wants to buy; it's so easy to find what you want.

Club Meeting.

The Florists' Club will hold its regular monthly meeting on the first Thursday in October, which will be on the 3d, owing to the fact that the second Thursday (our regular meeting night) will be big Thursday at the Fair Grounds, and all florists wish to attend the fair on that day, as it is the day that is generally set aside for awarding the prizes on plants and cut flowers. No doubt Secretary Schray has notified all the members of the change of date.

Max Herzog and wife returned home two weeks ago, and have kept themselves scarce since their arrival. Max, no doubt, has plenty of work on hand just now, and that accounts for his not having called on his friends. Max says that each member of the club who attends the next meeting will be entitled to a handsome present, which he brought from his old home abroad for this purpose. The presents will be distributed at the November meeting.

Grinding Out Florists By The Dozen.

Mr. Potts, who styles his establishment the Eden Floral Co., advertises for young ladies to learn the florist business. He charges them a three-spot with the promise of a good position when they have learned the trade, which will take them about two weeks. One of these learned young ladies called on your correspondent for a position and told of how she had learned the business in two weeks for \$3. I asked her what she

could do, and she said: "I can stem cape flowers, that's what I learned in a week, and was told that I could now go into the world and apply to any live florist and obtain a position as a first-class artist." She tried it, and now says that she will bring charges against Mr. Eden, as she called him, for obtaining money under false pretense. I gave her a little fatherly advice as to how long it would take her to learn the trade. I told her I was forty-five years old, forty-five years in the business, and didn't know it all yet. Since then I have had at least a dozen calls from young ladies for positions in the store, having finished their educations at the Eden Floral Co. in two weeks. They all had the same story to tell.

Bowling.

The members of the bowling club will not bowl tonight (Monday) owing to the opening of the tenpin league a week earlier. The Florists' team will open the season with three games with the Westerns on Tuesday night, Oct. 1, 1901.

but the demand seems smaller than is usual at this date, so that prices are not excessive, rarely being higher than \$2 per 100.

Single violets have established a blue streak in the market, selling all the way from 50 cents to \$1 per 100. Buyers of them need to come early and look sharp. Green material of all kinds in full cut.

Good red roses are not in over-supply, but pink and white roses are running very freely and getting to be of good quality. The Kaiserin is falling into the background.

In bygone years the rose men expected a few days' respite in competition between asters and chrysanthemums. This has not been allowed them now for a couple of years, but it looks as though a return to the old plan may occur this year. If so they can be depended upon to rise nobly to the situation.

Notes.

I hear nothing whatever concerning the present status of sterilization of soil in this section. Am I slow, or is it not

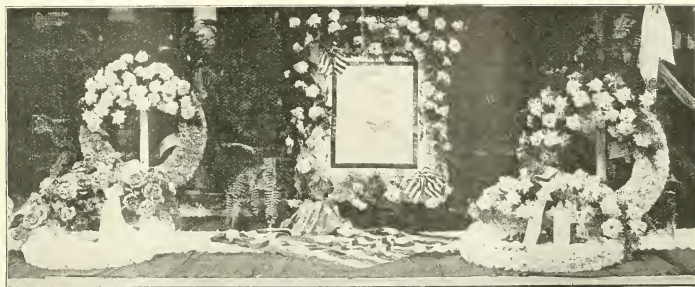
paralysis a few days ago while playing golf, but is rapidly improving and complete recovery can be expected.

J. S. MANTER.

CHICAGO.

The Market.

The supply has improved somewhat since last report, especially of carnations, but shipping demand remains so brisk as to take up all first class stock at rates last quoted, though local call is still small. In roses only the very best bring \$5, and not very many go at that, the bulk of the selects going at \$4, while \$3 is probably the average on the general run of good mediums. The quality seems to have fallen off a trifle as the result of the warm weather we have had lately, and there is quite a lot of under grade Maids that are jobbed out at very low figures in order to move them. The demand for Beauties is as brisk as ever, and the supply is short of demand, especially in the long stemmed classes.



Wreaths by W. J. Palmer & Son, Buffalo, for the President's Funeral. Also Decorated Portrait in their Window.

Great things are expected of both teams, as they are very evenly matched. The result of these three games will appear in the next issue of the REVIEW. The team that will open the season will consist of A. Y. Ellison, C. A. Kuehn, John Kunz, John Sturtz and J. J. Beneke. The other members are R. F. Tesson and Wm. Adels. Official scorer, Oscar R. Beneke. J. J. B.

BOSTON.

Trade Conditions.

There is a steady increase in the volume of business being done here, but plenty of room for future growth. Collections are hard, both in the wholesale and retail departments, but general hopes run high for a good winter's run of traffic.

No frosts have occurred except very slight ones on extreme low places, yet outdoor material is practically out of the fight except candytuft. Asters are looking rather tired.

The next thing to do is to move the coming crop of chrysanthemums, which will very soon arrive good and strong. E. N. Pierce & Sons are now cutting a few regularly.

Carnations are not yet in a majority,

much in vogue? During a recent visit to the establishment of W. J. Dana at Wellesley Hills I found him busy at the practice, in, to me, a new and novel manner. He had placed three lines of 2 or 3-inch drain pipe in his benches, covered them with nearly a foot of loam and spread the proper amount of manure on top. Connection between the drain pipe and his huge boiler was made with 1 1/2-inch pipe and a good heavy pressure of steam was rushed into them, at the joints and all through the loam. An immense heat was the result. Mr. Dana says if no further benefit than the sure destruction of weed seeds is accomplished he is fully satisfied.

About fifty feet in length can best be utilized at a time, but probably soil sufficient for twice that amount of bench surface can be handled, the drain pipe being removed when the material is worked over and spread further along the bench.

Incidentally I found Mr. Dana's place in first-class condition in every way, with a huge crop of roses getting well along, which will surely have to be considered in the floral economy of the coming winter.

Geo. W. Patton, the Lowell florist, was prostrated by a slight attack of

Carnations are in noticeably better supply, and \$1.50 seems about the top price for the best, with really good flowers at \$1 to \$1.25. Clean up lots of the poorer qualities are occasionally sold at as low as 50 to 75 cents a hundred.

Asters have improved some little in quality and some now being received are very good. White and purple are in best demand and there are none too many of the best grade in these colors. Good sized, clean stock brings \$1.50 to \$2.00, and some special fancies have brought as high as \$3.00, but the poor grades and off colors are practically unsalable.

Dahlias and tuberoses are coming in but move slowly. There are still a few gladioli, but they are hardly worth mentioning. Smilax is more plenty. There is plenty of Sprengeri, and some plumose sprays, but strings are scarce. Anuratum lilies have been in very good demand this season.

The advance guard of the chrysanthemum host has arrived at Poehlmann's. They are cutting about 200 Fitzwygram a day.

The shipping trade is making a new record for the season. The houses that lead in this line report increases of from 50 to 100 per cent during September.

Various Items.

Walter Hetzer & Co. decorated the North Side Turner Hall for a reception last Saturday evening, and made quite a new departure. The material was nearly all obtained from the woods, and the effect was largely that of a forest. Palms, etc., were used on the stairs leading to the hall.

Among the floral designs sent to President McKinley's funeral from this city was a very handsome wreath of cattleyas and valley from the Greek colony. It was arranged by John Mangel.

Edward Blameuser, of Niles Center, is to be married next Tuesday.

Mr. E. H. Hitchcock, Glenwood, Mich., the dealer in hardy ferns, was a recent visitor.

Mr. George A. Kuhl, Pekin, Ill., was a visitor on Wednesday.

Bowling.

The series of league games was started last Tuesday night at Vorden's alleys, with much clatter and noise. Four teams were made up and there was material to spare. The Growers won three games from the Retailers and the Miscellaneous took three from the Wholesalers. Following are the scores:

GROWERS.

G. Stollery	134	167	178
P. Matti	205	146	154
L. Schafer	115	167	147
N. A. Schmitz	177	126	142
P. Stollery	149	163	163
	802	769	764

RETAILERS.

P. J. Hanswirth	155	148	145
Jno. Sterrett	436		
G. Kretzing	125	122	
E. Hanswirth	229	137	114
W. Kretzing	129	109	86
Geo. Amus	124	116	151
	704	655	622

MISCELLANEOUS.

C. Balluff	152	168	143
C. Bremer	114	149	119
J. Degnan	199	128	170
M. Foerster	128	145	166
G. L. Grant	141	147	131
	734	707	724

WHOLESALEERS.

Jon. Foerster	150	188	179
C. Benthley	164	149	119
C. Hughes	127	123	129
W. S. Heffron	105	124	106
E. Winterson	172	121	157
	716	696	714

PIPING.

I have a greenhouse 14x33, front wall 3 ft., side lights 1½ ft., rear wall 4½ ft., one end wall 3 ft., the rest glass. Walls double boarded with tar paper between. Shed on either end 10x12, with cellar below for boiler. Front bench 3 ft. wide and 3 ft. from ground. Middle bed solid. Rear bench 2½ ft. wide and 3 ft. from ground. On the rear or north side I have hotbed sash from gutter to ground for violets.

I wish to pipe this house as economically as possible to maintain a night temperature of 56 to 60 degrees when outside temperature is 15 to 20 degrees below zero, and wish to keep the violets at 40 degrees. I have a Wilks hot water boiler 42x42, with 3-inch openings. Would you advise the use of 3-inch boiler tubes instead of pipes, in view of their being much cheaper?

Mich.

C. C. W.

Assuming that he decides to use 3-inch boiler tubes, which are both efficient and cheap, I would suggest a plan of piping arranged about as shown by the accompanying drawing.

For the greenhouse, the arrangement of pipes being a coil of four (two flows and two returns) under each side and

two end benches, these pipes reducing to one at the farthest end of the coil from the boiler and connecting to an open expansion tank. These coils should grade upward all the way from the boiler to the tank.

For the lean-to house, three pipes will be required, one (flow) being run along the high side and two (returns) on the low side of the house as shown, with an air vent placed at the end of the coil farthest from the boiler. These pipes all grade upwards from the boiler to the air vent connection. A valve may be placed on the flow into the lean-to house if it is desired to have an independent control of the circulation in this house.

HENRY W. GIBBONS.

New York.

CINCINNATI.

The Fall Festival.

Our great fall festival with its flower parade, its trades' parade, its flower design show, and its trades' show is a thing of the past and was a grand success.

The day for the exhibition of floral designs was Thursday, September 26th. There were two classes, each having first, second and third prizes.

Class 1 called for lodge emblems, not less than five or more than seven pieces, and the first prize was captured by Hardesty & Co. with six finely gotten up designs. George & Allan won second prize in this class with their exhibit of six pieces.

Class 2 called for best single lodge emblem, and the first prize went to Hardesty & Co.; second prize to H. D. Edwards, of Newport, Ky.; third prize to George & Allan.

Trade and Other Notes.

Business during the past week has been the best in history for this time of the year. Everything seems to be working together to put life into trade. Even the weather, which is generally the most obstinate thing the florist has to deal with, has been all that could be desired, moderately warm days and cool nights putting life into stock, and flowers of all kinds are increasing in quan-

The mother of J. W. Rodgers died last week and was buried at Madison, Ind.

Miss Bertha Stricker, of this city, and Charlie Loder, of Hamilton, Ohio, were married on Wednesday last.

Visitors the past week were: Mr. H. Heller, New Castle, Ind.; Henry Weber, Oakland, Md., and Mr. and Mrs. E. T. Grave, Richmond, Ind. C. J. OHMER.

FALL EXHIBITIONS.

Oct. 21-27—NEW YORK—New York Florists' Club. Wm. Plumb, Mgr., 54 W. 23rd street.

Oct. 22-31—BUFFALO—Pan-American Exposition. Wm. Scott, Supt.

Nov. 5-6—MADISON, N. J.—Morris County Gardeners and Florists' Society. C. H. Atkins, Sec'y, Madison, N. J.

Nov. 5-7—NEWPORT, R. I.—Newport Hort. Society. A. Heirke, Sec'y.

Nov. 5-8—BOSTON—Mass. Hort. Society. Robert Manning, Sec'y, Horticultural Hall.

Nov. 5-9—CHICAGO—Hort. Society of Chicago. W. N. Rudd, Sec'y, R. 102, 18 Dearborn street.

Nov. 5-9—ISHANAPOLIS—Indiana Floral Festival. W. Bertram, Sec'y, 34 Massachusetts avenue.

Nov. 6-8—POUGHKEEPSIE, N. Y.—Dutchess County Hort. Society. W. G. Gomersall, Sec'y, Fishkill on Hudson, N. Y.

Nov. 7-9—CHESTNUT HILL, PA.—Chestnut Hill Hort. Society. John Marsden, Sec'y.

Nov. 8—LAWRENCE, N. Y.—Lawrence-Cedarhurst Hort. Society. Alex. McKenzie, Sec'y.

Nov. 12—ORANGE, N. J.—New Jersey Floricultural Society. Geo. Smith, Sec'y, Orange, N. J.

Nov. 12-16—PHILADELPHIA—Pennsylvania Hort. Society. David Rust, Sec'y, Hort. Hall, Broad street.

Nov. 12-16—WACO, TEX.—Texas State Floral Society. J. W. Barnett, Sec'y, Waco, Tex.

Nov. 13-14—HOUSTON, TEX.—Faith Home Ass'n. Mrs. M. E. Bryan, Sec'y.

Nov. 13-15—ST. LOUIS—St. Louis Florists' Club. E. Schray, Sec'y, 401 Pennsylvania avenue.

Nov. 13-16—DETROIT, MICH.—Detroit Florists' Club. J. F. Sullivan, Sec'y, 214 Woodward avenue.

Nov. 15-16—PROVIDENCE, R. I.—Rhode Island Hort. Society. C. W. Smith, Sec'y, 61 Westminster street.

Nov. 15-16—NEW ORLEANS—New Orleans Hort. Society. D. Newsham, Sec'y.

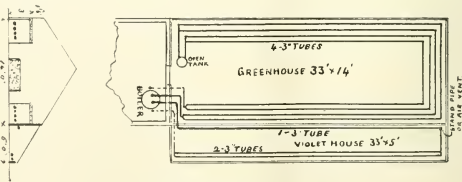
Nov. ————UTICA, N. Y.—Utica Florists' Club.

Nov. ————ELMIRA, N. Y.—Elmira Hort. Society. H. N. Hoffman, Sec'y.

(Secretaries are requested to supply any omissions in above list and to notify us of any needed changes.)

EVANSVILLE, IND.

With the advent of cooler weather, trade has shown a tendency to gaze skyward. Two frosts last week helped matters along nicely in the way of disposing of cut flowers, especially those grown under glass. The assassination of Presi-



Piping suggested for C. C. W.

dent McKinley at Buffalo caused a severe depression in business during last week, casting a gloom over everybody. But this week opens more lively and prospects seem brighter for a good trade.

Florists in this vicinity are now getting outside stock housed in anticipation of cold weather and killing frosts. But today it seems like early spring, the temperature being 52 degrees outside at 5 o'clock this morning.

Roses and carnations have taken on

SAMUEL S. PENNOCK,

Long Distance Telephone.

Ribbons of every shade and color.
Sample card on application.

Our Fall Novelty:
FANCY DAHLIAS.
Try These Superb Decorative Flowers.

On and after October 1st,
will be open from 7:30 a.
m. to 9:00 p. m.

1612-14-16-18 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

LEO NIESSEN OCTOBER SPECIALTIES.....

LONG
DISTANCE
TELEPHONE.

Open 7:00 a. m.
to 9:00 p. m.

Wholesale Florist,
N. W. Cor. 13th and Filbert Sts.
OF PHILADELPHIA

Valley, The best in
the market.
Smilax, Dahlias, Fine Strings
in quantity.
in great
variety.

Mention The Review when you write.

FRESH ENGLISH MILLTRACK MUSHROOM SPAWN.

Just received from a celebrated maker whose spawn has never failed to give the most satisfactory results. Per brick (about 1 1/2 lbs.), 15c, postpaid, 25c; 25 lbs., \$1.75; 100 lbs., \$6.00; 1000 lbs., \$55.00; 250 lbs. sold at 100-lb. rate.

PANSY. Johnson & Stokes' Kingly Collection, unquestionably the finest strain of Giant Pansies offered. Per 1/2 trade pkt., 1000 seeds, 30c; per trade pkt., 2000 seeds, 50c; 5000 seeds, \$1; per oz., \$3. Prices of Hyacinths, Tulips, Narcissi, Peonies, Rubber Plants and Palms quoted on application. Send for our **Autumn and Winter**. It will interest you.

JOHNSON & STOKES, Seedsmen, 217-219 Market St., Philadelphia, Pa.

Mention The Review when you write.

a brighter and healthier appearance since cool weather began; seem to stiffen up and foliage looks better. But there are still some roses which have that scorched, syringed-with-boiling-water appearance, somewhat on the order of the violet disease. Cannot tell what causes it.

Violets planted outside during the summer have passed away—crossed the dark river, so to speak. J. H. W.

ELMIRA, N. Y.

There has been considerable building and rebuilding of greenhouses here this year in spite of the high prices of material.

Mr. Fred La France has put up a new rose house 100 feet long, with a propagating house on the north side of it. Most all the other houses of his establishment are planted with carnations. He is trying many of the new kinds and has planted Marquis quite largely.

H. N. Hoffman has purchased the interest held by his late brother, Gen. E. M. Hoffman, in the firm of E. M. & H. N. Hoffman, and has disposed of the store business and retail cut flowers to Robert Leavitt, who has been their decorator and designer for a number of years. Mr. Hoffman continues in the local nursery business and will wholesale his cut flowers.

He has just completed two new carnation houses, each 100 by 23 feet, not separated by partition but having a cypress gutter supported on iron pipe posts. The walls are of grout (Portland cement and gravel mixed in proportion of one to eight and tamped into boxes). The roofs are of Henry W. Gibbons' cypress shaft bar construction, and the heating is hot water in wrought iron pipes with a Mercer boiler. His entire plant of 20,000 feet of glass is now heated by three Mercers, which have proved very satisfactory. He has planted very largely of the Mrs. Lawson carnation, and is trying several of the new ones.

Another new greenhouse is at "Strathmont," the estate of Hon. J. S. Fassett, and is of the latest iron construction and is intended for roses with a portion divided off for grapes. The gardener, John Rudy, will no longer be obliged to grow his famous chrysanthemums in the same house with his roses and everything else. John's mums are looking grand now, and he will make all the boys bustle wherever he consents to show them this fall.

The Horticultural Society exhibition for the school children brought out over 300 exhibits. The prizes, consisting of plants, books, tools, etc., were presented to them in the evening, and children, parents and teachers were well pleased.

GEORGE M. MOSS, WHOLESALE FLORIST,

32 S. 17th St., PHILADELPHIA, PA.

Long Distance Telephone 1-43-30 D.

Consignments of first class Carnations, Roses and Violets solicited.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburgh, Pa.

Mention The Review when you write.

The chrysanthemum show will be held as usual in November. H.

MADISON, N. J.—Thomas J. Slaughter, widely known for his large establishment here, devoted to the growing of roses, died Sept. 26, aged 77 years. He was a millionaire and was one of the early growers of roses on a large scale for the New York market.

He was born in Green River county, Kentucky, and moved to St. Louis in 1851 and became a traveling salesman for a grocery house. Ten years later he purchased the business. In 1863 he moved to New York and started the firm of Norton & Slaughter, which remained in business twenty-five years. He purchased his place here from Jay Gould in 1877.

BATTLE CREEK, MICH.—Eldred & Warburton is the name of a new firm here. W. H. Eldred is the confectioner who has for some time past handled cut flowers in connection with his other business, and C. C. Warburton is a florist, who was for some years with McCrea & Cole. The salesroom is at 15 Main st. West and the greenhouses at 293 Emmet st.

WE HAVE received a copy of the premium list of the forty-first annual St. Louis Fair, to be held in St. Louis Oct. 7 to 12, inclusive. Department O is devoted to horticulture and floriculture, and is under the superintendency of Mr. John D. Ayres. Prizes are offered for quite a variety of plants and arrangements of flowers. Entries are free, and competition is open to the world.

MARSHALL, Mo.—Henry A. Hensley, formerly of Springfield, Ill., has taken a position as manager for the Marshall Floral Co.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Herrington has announced committees to examine chrysanthemum seedlings and sports on dates as follows: Oct. 5, 12, 19, 26, Nov. 2, 9, 16, 23 and 30.

Boston, Mass.—A. H. Fewkes, chairman, care John Welsh, manager Boston Flower Market, Park street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Daillouze, chairman, care New York Cut Flower Co., 26th street and 6th avenue; James W. Withers, C. Albert Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; Geo. Stollery, E. Weinboeber.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Co., 416 Walnut street; James Allen, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season before or after dates fixed can have the same passed upon by specially notifying the chairman of committees.

EDWIN LONSDALE, Secretary.
Wyndmor, Chestnut Hill, Pa.

SPRINGFIELD, O.—Cards have been issued for the marriage of Ethlyn Blanche Aldrich, daughter of A. R. Aldrich, the florist, to William Currie. The wedding will take place Oct. 8.

AUSTIN, MINN.

The A. N. Kinsman Co. has just completed a new range of houses and dwelling. They are situated in the eastern part of the city on the banks of the Cedar River. Mr. Kinsman has purchased five acres well adapted for greenhouse purposes, and has arranged his new place so as to be pretty well sheltered from north and west winds.

His houses are planted with a general florist's stock, with roses and carnations, however, in the majority, and which look very promising for a good season's cut. There are 9,000 feet, built on modern lines with iron gutters, etc. The Kinsman company are the only florists in Austin, and besides enjoying a good local trade do considerable shipping to neighboring cities. C. C. P.

KALAMAZOO, MICH.

Trade is still keeping brisk, there being good demand for good stock of every kind. Roses are improving in quality every day. Carnations are looking grand. Mums are looking well, but from present appearances are going to be rather later than usual.

G. Van Bochove & Bro. are cutting some fine carnations from their earlier planted houses. They are also cutting some fine Meteors, Beauties and Kaisersins. Maids and Brides never looked better.

Ten dollars fine and \$1.00 expenses was the award given John Calder for hitching his greenhouses onto the city water service without permission.

We are having ideal fall weather.

RMES.

PRINCETON, ILL.—X. P. Colberg has sold out here and is at present located in Ottawa, Ill.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.
Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—On commercial place in New Hampshire or Massachusetts; want to learn business; willing to work; good references; age 25; state wages. Address J. E. Pratt, Randolph, Vt.

SITUATION WANTED—Near Chicago. In greenhouses as helper; 2 years experience. Address L. V., care Florists' Review.

WANTED—Man for general greenhouse work; state wages expected, also give references. S. W. Pike, St. Charles, Ill.

WANTED—A good grower of roses, carnations and plants. Address S. C. G., care of Florists' Review.

WANTED—A man with some experience in growing of roses, carnations and bedding plants, will pay to start with \$25.00 per month with board and washing. J. J. Beck, New Castle, Pa.

FOR SALE—Steam heated houses; \$10.00 annual trade; 30 years established; near big city; small cash payment; full details. Address Opportunity, care Florists' Review.

FOR SALE—1000 feet of 4-inch pipe at 10c per ft. Improved No. 5 double dome Weathered boiler. Mrs. P. La Fontaine, care Atlas Hotel, Milwaukee, Wis.

WANTED—Young man, single, for assistant rose grower; one with some experience; also one for general plants. Write Geo. A. Kuhl, Pekin, Ill.

WANTED—Two helpers for rose sections and one for carnations. J. F. Wilcox, 521 Broadway, Council Bluffs, Iowa.

SITUATION WANTED—Steady position by superior, conscientious man, experienced in growing cut flowers, bedding plants, etc.; give particulars; will reply to same. Address A. Z., care Florists' Review.

WANTED—Young man, for general greenhouse work; state wages, with room; also references. Gift's Floral Co., Richmond, Ind.

FOR SALE—230 feet 1½-in. pipe, fine condition, with some fittings; make best offer per foot. D. M. Alexander, Westerville, Ohio.

FOR SALE—Fine greenhouse; plant; 30,000 sq. ft. of glass. Full particulars from Illinois, care Florists' Review.

FOR SALE—12,000 sq. ft. 12x16 double strength A glass; second hand, good as new, at \$1.25 per box. Joseph T. James, Park Ridge, Ill.

FOR SALE—35 boxes double strength 14x18 A and B new glass; \$6.25 for A and \$5.00 for B; also one No. 16 Hivellings hot water boiler; heats 1,800 feet of 4-inch pipe; \$300. Carl Kautz, 506 N. Sixth Street, Springfield, Ill.

SITUATION WANTED—Young man, with some experience in general greenhouse work, desires position on private or commercial place; willing and careful worker; strictly temperate habits; state wages. Address W. L., care Florists' Review.

SITUATION WANTED—As foreman, on commercial place where roses and carnations are a specialty; was foreman for Victor Bros., Chicago, for seven years; or would lease an up-to-date greenhouse plant of 25,000 or more feet of glass. Address L. Collins, West Toledo, Ohio.

WANTED—A good all-round man, capable of making charge of small retail place and doing general greenhouse work; state wages wanted, with board. Wheeler Floral Co., Mason City, Iowa.

WANTED—A section foreman on carnations and plumosis; five houses. Fred Burki, Bellevue, Pa.

FOR SALE—Some 4-inch hot water pipe; guaranteed sound; 10c per foot. F. O. B. Philadelphia. Samuel J. Bunting, Elmwood Ave. and 5th St., Philadelphia, Pa.

FOR SALE—Two Hivellings' boilers, No. 16 and No. 17. A. Glass, Springfield, Ill.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 16,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR SALE.

A fine piece of property for florists' purposes in Baltimore.

I offer for sale a ten acre lot fronting 500 feet on the north side of the New North Boundary Ave., with a frontage of 800 feet on St. George Ave. (50 feet wide), and a 50-foot ave. to the east, facing three fronts, that is especially desirable as a location for a florist. It is all in lawn except immediately around the house. Improvements are a 12-room dwelling and No. 1 outbuildings, all in good repair. The neighborhood is well built up and is only 24 minutes from the city hall. County taxes and city conveniences. Five-cent car fare; car every three minutes; all-night cars. Only four squares from the cars.

Price \$15,000. Terms easy. Address BALTIMORE, care Florists' Review.

Express Prepaid

ASPARAGUS PLUMOSUS NANUS,

from flats, \$2.00 per 100.

NEW GIANT OF CALIFORNIA

FANSY PLANTS, \$1.00 per 100

NEW GIANT OF CALIFORNIA

FANSY SEED, trade pkt., 25c; ¼-oz., \$1.00—getting scarce.

Mitting Floral Co., Loomis, Cal.

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Prices That Command Attention.

Our Second 15-Day Offering—Only One Extra Item.

KRICHS' IMMORTELE LETTERS,
50,000 at prices you won't get again—
Single 100, \$2.40; 200, \$4.70;
300, \$6.90; 500, \$11.25.

PAPER

Manila Wax, size 24 x 36, 100 sheets, 40c; per ream, \$1.35.

1500 Reams Manila Tissue, the best grade we ever had, size 24x36, per ream, 48c; 10 reams, \$4.50.

SPECIAL—Made to order for us, 20 tons Wrapping Paper, 30-inch, per lb., 3½c; 38-inch, per lb., 3½c.

The price may seem high, but you get at least one-third more yards to the 100 pounds than you do on regular stock paper. If it is good enough for us, it is for you.

Current Cut Flower Price List. BEAUTIES.

20-inch stems, per doz., \$1.50 to \$2.00
15-inch stems, " 1.20
12-inch stems, " .75
Short per 100, 3.00 to 4.00

Brides per 100, \$3.00 to \$5.00

Bridesmaids... " 3.00 to 5.00

Meteors..... " 3.00 to 4.00

Perles..... " 2.50 to 4.00

Carnations... " 1.00 to 1.50

Auratum Lilies, per doz., 2.00

Asters..... per 100, 1.00 to 2.00

Valley..... " 3.00 to 6.00

Adiantum..... per 100, 75 to 1.00

Smilax..... per doz., 1.20 to 2.00

Galax, green... per 100, 1.00

" " " " " " " " " " " "

Galax, bronze, per 100, 1.75

" " " " " " " " " " " "

Ferns..... " per 100, 1.50

" " " " " " " " " " " "

Asparagus Sprengeri and Asparagus Plumosis Sprays, per 100, \$2.00 to \$3.00

Prices subject to change without notice.

KENNICOTT BROS CO.,

Wholesale Commission Florists and dealers in All Kinds of Florists' Supplies,

42 and 44 E. Randolph St.

CHICAGO.



Mention The Review when you write.

Dreer's Reliable Bulbs

We have now in stock a full line of Dutch, French and other bulbs, all in the finest possible condition. A full list of same, with prices, will be found in our current Wholesale Catalogue. If you do not have a copy will be glad to send one to any florist. Your attention is directed to the following few specials:

- LILIUM LONGIFLORUM (Bermuda grown), 5 to 7-in bulbs, nice firm stock, \$4.25 per 100; or \$16.00 for a case of 400 bulbs.
- LILIUM HARRISII, 5 to 7-in. (the only size left), \$4.25 per 100; or \$16.00 for a case of 400 bulbs.
- LILIUM LONGIFLORUM (Japanese grown), extra fine stock, mostly single crown bulbs, 5 to 7-in., \$2.00 per 100; or \$9.00 for a case of 500 bulbs.
7 to 9-in., 4.25 " " 12.00 " " 300 "
- LILIUM CANDIDUM..... good firm bulbs, \$4.50 per 100, \$40.00 per 1000
- FREESIA REFRACTA ALBA, good firm bulbs, 3/8-in. dia., .50 " 4.00 "
" " " 1/2 " .60 " 5.50 "
" " " 13 to 15 " 2.75 " 25.00 "
- HYACINTHS, WHITE ROMAN (scarce), 12 to 15 centi., 2.50 " 22.00 "
" " " 13 to 15 " 2.75 " 25.00 "
- NARCISSUS, PAPER WHITE GRANDIFLORA, 12 centi. bulbs. These are smaller than our selected bulbs which we offer at \$9.00 per 1000, but are good sound stock. Only a limited quantity of this size at \$6.00 per 1000.
- NARCISSUS, DOUBLE VON SION. We have the finest lot of these received in many years. We have three grades:
Extra selected double nose bulbs, \$2.00 per 100, \$18.00 per 1000.
" single " 1.50 " 14.00 "
Extra fine " 1.25 " 10.00 "
- HYACINTHS, SINGLE DUTCH, for forcing, \$3.50 per 100, \$32.50 per 1000.

We will be pleased to quote special prices on large lots. Send in your orders early before the choicest stocks are sold.

HENRY A. DREER,
714 Chestnut St., PHILADELPHIA, PA.

PANDANUS VEITCHII

JOHN WELSH YOUNG,
Upsal Station, Penna. R. R., Germantown, - - - PHILADELPHIA, PA.

SHOWY FOR DECORATING and the Best Variegated Decorative Plant in General Cultivation.
6-in. pots, \$1.00 each, \$12.00 a doz. 7-in. pots, \$1.50 each, \$18.00 a doz. 8-in. pots, \$2.00 each, \$24.00 a doz.

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GERANIUMS!

Now is the time to get your Geranium stock planted or potted in order to propagate a good stock for spring sales. We are now offering the following high grade varieties, from 2 1/2 inch pots, true to name: S. A. Nutt, the finest double crimson, \$2.00 per 100, \$18.00 per 1000; Alr. Ricard, Francis Perkins, E. G. Hill, Beauté Potemine, La France, La Favorite, J. M. Gaar, Mme. Jaulin, Mme. Bruant, Athlete, \$2.25 per 100, \$20.00 per 1000, plants.

ASP. PLUMOSUS NANUS, strong plants, from 2 1/2-in. pots, \$2.75 per 100; \$25.00 per 1000.

ASP. SPRENGERI, strong plants, from 2 1/2-in. pots, \$1.75 per 100; \$15.00 per 1000.

CASH WITH ORDER.
The W. T. Buckley Plant Co., Springfield, Ill.
Mention The Review when you write.

BETTER RETURNS.

We will candidly say we have had better returns from advs. in the REVIEW than in any other publication.—NANZ & NEUNER, Louisville, Ky.

FLOODED WITH ORDERS.
For goodness sake take my adv. out of the REVIEW. Am flooded with orders. The balance due me will take up later.
Dever, N. H. C. L. Howe.

GLADIOLUS BULBS.

CRAWFORD'S This is a superior mixture, inasmuch as it contains all the colors usually sold under separate classes and is unusually strong in whites and lights. We offer this stock in small sizes (3 to 5 inch in diameter) for delivery this fall, express charges prepaid, at the following rates—cash with order:
10,000 to 50,000 at \$1.50 per 1,000.
50,000 to 100,000 at 1.25
100,000 or more at 1.00 "

Experienced growers know the value of this small stock because of the rapidity with which it increases. We have, with one exception, the largest stock of **Groff's Bybrius** in the country. Prices on application.

M. CRAWFORD COMPANY,
CUYAHOGA FALLS, OHIO.
Mention The Review when you write.

QUALITY TELLS—PRICE SELLS.

Geraniums, 2-in., \$1.50 per 100; 3-in., \$2.50 per 100
Coleus,..... 2-in., \$1.00 "
Asparagus Sprengeri, seedlings, \$1.00 "

E. I. RAWLINGS, QUAKERTOWN, PA.
Mention The Review when you write.

DID BUSINESS.

Your classified advs. are all right. I sold 6,000 moonvines through them. Success to the REVIEW. A. A. HARPER.
Pine Bluff, Ark.

Dutch Bulbs Ready.

NEW CROP PANSY, CINERARIA, CYCLAMEN.

PANSY, SUPERB MIXED, 3/4 ounce 75c; 1 ounce.....\$5.00
CINERARIA, GIANT PRIZE,..... 50c
Trade packet..... 50c
CYCLAMEN, CALIFORNIA GIANT, 1000 seeds.....\$6.00

Write for full catalogue if not received.

W. C. BECKERT, Allegheny, Pa.
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Irish Juniper.

Extra heavy. 4-ft. trees, \$20 per 100.
18 to 24 inches, \$ 8.00 per 100, \$60.00 per 1000
18 to 20 " " 10.00 " 75.00 "
20 to 26 " " 12.00 " 100.00 "
250 of each size at 1000 rate. Boxing at cost.

Rubber Plants, grown from topcuttings, strong
12 inches,....\$3.50 each, \$3.50 per doz.
18 " " " 5.00 " 5.00 "
20 to 24 " " " 6.00 " 7.00 "
24 to 30 " " " 8.00 " 9.00 "

1000 each of Brides and Maids from 3-inch pots, strong, \$4.00 per 100.
1000 Golden Gates, 2 1/2-inch, strong, \$3.00 per 100.
I can use Cyclamen, Primrose and Palm plants in exchange.

JOSEPH HEINL, Jacksonville, Ill.

TORONTO.

Flowers were scarce and the quality very poor last week, and the retailers had very little stock in trade. The only outdoor flower of value now is the dahlia. Roses are improving this week and prospects are brighter all around. Prices here now rule somewhat higher on roses than in the United States, but our rates do not soar so much higher in winter and at holiday times as yours do.

During the past week there has been an amusing controversy over a proposition to expend \$50 for a bouquet to be presented by the city to the Duchess of York on her arrival here. One would imagine that the amount involved was \$5,000 instead of \$50. It was eventually decided to have one of the public park employees make up a bunch to be composed of flowers gathered from the city's gardens and conservatories. One of our worthy aldermen humorously suggested that the Horticultural Gardens be presented instead of a bouquet, and we would further suggest that a bow and streamers of carpet beds be added, and that as a finishing touch the mayor and council be attached to the edges, forming a shower bouquet of the job lot. C. W.

WASHINGTON.

Business the past week has been a record breaker for the season. Stock is scarce, prices high and sales good. Prices for the past week have been: Brides, \$4 to \$6; Maids and Perles, \$3 to \$6; La France, \$6 to \$8; Beauties, \$25 to \$50. The demand for dahlias has been unusually large this season, with prices ranging from 50 cents to \$3 per 100. Violets are showing up but are poor and go slow at \$2 per 1,000. Carnations go well at \$1.50 to \$2.

On account of the cool weather people are returning from their vacations, which has increased the call for palms and ferns.

Stem rot has appeared in the carnation houses of the various establishments in sufficient quantity to make the boys feel somewhat uneasy.

F. H. KRAMER.

GRAND RAPIDS, MICH.

The last week of September was marked for its warm summer weather, high winds, clouds of dust and brisk opening of fall business. We have had no rain for weeks and everything is drying up, but as carnations are mostly all housed, except where building is going on, no damage is resulting.

Carnations inside are beginning to bloom but are short of meeting the active demand, particularly in shipping orders. Roses are in crop and equal to the demand. Asters are about over. The violet season was ushered in this week by the appearance of a few bunches picked by each of the numerous violet growers around town.

Henry Smith has just finished planting his new 170-foot house.

Henry Van Velden, Henry Smith's foreman, and the writer visited N. B. Stover, Grandville. He has torn down the old detached houses and rebuilt in one range. He expects to have them finished and in fine shape in a couple of weeks. His carnations and violets look fine. He will begin shipping this week. Recent visitors: Mrs. J. H. Deal, Owsoso, and Mrs. Emma Church, Charlotte. G. F. C.

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THE "OLD RELIABLE" FOR
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Cut Flowers

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WHOLESALE GROWERS OF
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Greenhouses at Hinsdale, Ill.
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Write for special quotations on large orders.
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PETER REINBERG,
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600,000 FEET OF GLASS.
Headquarters for American Beauty.
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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416 Walnut St., Wholesale Florists.
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Consignments Solicited.
Special Attention given to Shipping Orders.
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Shipping orders receive prompt and careful attention.

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WHOLESALE
CUT-FLOWER HOUSE
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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
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SEND FOR WEEKLY PRICE LIST.
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1316 Pine Street, - - ST. LOUIS, MO.
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45, 47, 49 Wabash Ave., CHICAGO.

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FRANK GARLAND,
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55-57 Wabash Avenue,
TEL. CENTRAL 3284. CHICAGO.
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Maplewood Cut Flower and Plant Co. / GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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BUY FROM
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Dagger or
Fancy Ferns,
Green or
Bronze Galax.

A No. 1 QUALITY.

Write for prices on large quantities. We can fill your orders in any amount.

HENRY M. ROBINSON & CO.
Tel. 2618 Main. 36 Court Sq., Boston, Mass.
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VEGETABLE PLANTS!

CABBAGE.—Jersey and Chas. Wakefield, Succession, Flat Dutch, and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.
LETTUCE.—Grand Rapids, Big Boston, Boston Market and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.
CELERY.—Giant Pascal, Golden Heart and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.
TOMATOE.—Lorillard, Mayflower, Paragon and Dwarf Champion; from seed bed, 50c per 100; Lorillard and Mayflower from 2½-inch pots, \$2.00 per 100.
EGG PLANTS.—N. Y. Improved, 50c per 100.
PEPPER.—Ruby King, 50c per 100.
If wanted by mail add 10c per 100.
Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.
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MICHIGAN CUT FLOWER EXCHANGE,
WM. DILGER, Manager.
SPECIAL ATTENTION TO SHIPPING ORDERS. FULL LINE OF Florists' Supplies and Decorations.
26 MIAMI AVENUE, - - - DETROIT, MICH.
Mention The Review when you write.

Araucaria Excelsa

Fine Plants, 6-in. pots, 12 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,
6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

2,000 Asparagus Plumosus,
Fine, Strong Plants, 3-inch pots, \$6.00 per 100.

Dracaena Indivisa,
5-inch pots.....\$25.00 per 100.

ROSES.

Fine, strong 3-year-old field-grown White Maman Cochet, \$10.00 per 100.

ISAAC H. MOSS,
Govanstown, BALTIMORE, MD.

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Southern Wild Smilax...

NEW CROP NOW READY.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.

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Send to **THE MOON** Company
For Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE W. M. H. MOON CO.,
Morrisville, Pa.
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Pansies Worth Raising.

(NO MORE SEED.)
Good Plants, \$4 00 per 1,000; \$2 50 per 500, f. o. b. express here. Cash with order.
CHR. SOLTAN, 199 Grant Ave., Jersey City, N. J.
You can take Newark and N. Y. R. R. or West Side Av. trolley.
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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

ARE YOU INTERESTED IN Boston Ferns?

We are in a position to supply you with the best 5, 6 and 7-in. Write us for prices. Also have a fine lot of **SPRENGERI AND PLUMOSUS** in 2, 2½ and 3-inch each, ready for a shift. These will make you money.

A few hundred fine **PRIMULAS.** Write
GEO. A. KUHLE, Pekin, Ill.
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ROSE PLANTS.

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| La France, 4-inch pots..... | \$8.00 per 100 |
| " 2½ " " " " " " " " " " | 4.00 " " |
| " 2 " " " " " " " " " " | 3.00 " " |
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- J. W. COLFESH, 534 St. & Woodland Ave., Philadelphia, Pa.
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Clearance Sale!

2000 Bride Plants, 3½-inch, } \$20.00
1000 Meteor " " " " " " } \$10.00
600 Maid " " " " " " " " " } per 1000.
All Fine Stock.

BRANT & NOE, Forest Glen, CHICAGO, ILL.
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ZIRNGIEBEL GIANT PANSIES.

Trade packages at \$1.00. Also plants of the above strains at \$5 00 per 1000 and \$10.00 for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.
Mention The Review when you write.

CYCLAMEN. PERSICUM and BIGANEUM

for Christmas Blooming.
Fine large healthy plants.
3-inch, \$5.00 per 100. 4-inch, \$8.00 per 100.
Asparagus Plumosus Nanus, 3-in., \$5.00 per 100. **Sprengeri** 2-in., \$2.00 per 100; 3-in., \$1.00 per 100; 4-in., \$1.00 per doz. **Chinese Primroses**—white and mixed, 3½-in., \$5.00 per 100. Cash with order.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N. Y.
Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var. trailing, large, \$3.00 per 100. Cash, please. O. F. Searies, L. B. 288, Nashua, N. H.

AGERATUM.

Ageratum, rooted cuttings, 60c per 100. Cash, please. O. F. Searies, L. B. 288, Nashua, N. H.

ALOES.

Very fine plants of Aloe picta, A. picta nanu striped century at \$1.50 per doz.; small size 85c. Mrs. M. E. Patterson, Glendale, Cal.

ALYSSUM.

Alyssum, Dbl. Giant 2-in., \$3.00 per 100. Cash. Grouse & Underhill, Watertown, N. Y.

Double Alyssum, bushy, 4-in., 6c.
S. S. Peckham, New Bedford, Mass.

ARAUCARIAS.

ARAUCARIA EXCELSA. The best value we have ever offered in this plant.

Pots.	High.	Tiers.	Each.
4-inch	6 to 8	2 to 2	\$ 59
5-inch	10 in.	3	75
6-inch	12 to 14 in.	3	1.00
7-inch	18 in.	4 to 5	1.50
7-inch	24 in.	4 to 5	2.00

ARAUCARIA EXCELSA GLAUCA.

Pots.	High.	Tiers.	Each.
5-inch	3 in.	2	\$ 75
6-inch	11 in.	4	1.50

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Araucaria excelsa, fine plants, 6-in. pots, 12 to 14 inches, 3 to 4 tiers, \$1.00 each; \$12.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each; \$18.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

Araucaria excelsa, two large plants for store, 14 ft. tall. Also a large tree from Alsophila. Write for prices and description. Spv. Hill Conservatories, Fishkill-on-Hudson, N. Y.

ASPARAGUS.

500 Asparagus plumosus. True, fine, strong plants, 2-year-old stock, from 2-in. pots, ready for vining. The lot for \$45.00 or \$16.00 per 100. Asparagus Sprengeri, from 2 1/2-in. pots, fine for fern dishes, at \$3.00 per 100. Cash with order. Joseph Towell, Paterson, N. J.

Asparagus Sprengeri, 2 1/2 in., 10c ea. No. 25 4 1/2-in., 10c ea. No. 20 8 in., 90c ea. A. plumosus, 25 4-in., 13c ea. No. 20 5-in., 20c ea. No. whole-saler could sell you plants like these, we need the money. All orders ready for a shift. J. Sylvester, Oconto, Wis.

Asparagus plumosus nanus, 2 1/2-in., \$4.00 per 100. Sprengeri, 2 1/2-in., \$3.00 per 100; 3 1/2-in., \$5.00 per 100.

THE MCGREGOR BROS CO., Springfield, O.

Asparagus plumosus nanus, strong, 2 1/2-in., \$2.75 per 100; \$25.00 per 1000. Asparagus Sprengeri, strong, 2 1/2-in., \$1.75 per 100; \$15.00 per 1000. Buckley Plant Co., Springfield, Ill.

Asparagus, per 100: Sprengeri, 2-in., \$1.50; plumosus, 2-in., \$2.50; decumbens, 2 1/2-in., \$1.00. Sprengeri seed, \$2.00 per 1,000; 50c per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, strong 2-in., \$1.50 per 100; 2 1/2-in., \$2.00 per 100; 4-in., \$3.00 per 100. Will exchange for a few hundred carnations. M. J. Coventry, Fort Scott, Kan.

Asparagus plumosus nanus, 3-in., \$5.00 per 100. Sprengeri, 2-in., \$2.50, 3-in., \$4.00 per 100; 4-in., \$1.00 per doz., S. Whitton, 15-17 Gray Ave., Utica, N. Y.

We have a fine lot of A. Sprengeri and plumosus in 2, 2 1/2 and 3-in., ready for a shift. They will make you money. Geo. A. Kuhl, Pekin, Ill.

Asparagus Plumosus Nanus, 2-in., \$3.00 per 100. Asp. Sprengeri, 3-in., \$4.00 per 100, 4-in., \$5.00 per 100. The National Plant Co., Dayton, Ohio.

Asparagus, extra strong and fine. Plumosus, 2-in., \$1.50; 2 1/2-in., \$2.25 per 100. Sprengeri, 3-in., \$1.00; 2 1/2-in., \$1.50 per 100. Chas. J. Brinkerhoff, Springfield, Ill.

Geo. M. Brinkerhoff, Springfield, Ill.

ASPARAGUS PLUMOSUS NANUS.

Asparagus Sprengeri, extra strong plants from flats, ready for 3-in. pots, \$2.00 per 100. E. Louise Leonard, Sequin, Tex.

3000 Asparagus plumosus, fine, strong plants, 3-in., \$5.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, from flats, \$2.00 per 100, express prepaid. Mitting Floral Co., Loomis, Cal.

Asparagus Sprengeri and plumosus, strong 3-in. pots, each. E. V. Myers, Florist, St. Joseph, Mo.

1,000 Asparagus tenuissimus, 2 1/2-in., \$2.00 per 100; \$25.00 per 1,000. Alfred H. Walker, Hollis, N. Y.

A. Sprengeri, fine, 2 1/2-in., \$2.50 per 100; 3-in., \$4.00 per 100. Cash. C. L. Osborn, Sidney, Ohio.

Plumosus nanus, 2 1/2-in., \$4 per 100. Henry Weston & Bro., Hempstead, N. Y.

Asparagus Sprengeri, strong 4-in., \$3.00 per 100. Fred Burki, Bellevue, Pa.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hills, Elkhart, Ind.

Asparagus Sprengeri, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amena, one of the finest hardy, dwarf shrubs. Two-year-old field-grown plants, \$2.00 per 100. From thumb pots, \$5.00 per 100; 3 1/2-in. pots, \$12.00 per 100.

Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Azaleas. Order now for November delivery. Send for catalogue. H. H. Berger & Co., 47 Barclay St., New York.

BEGONIAS.

LOIRAINE BEGONIAS. We make the following SPECIAL OFFER to reduce our stock to a certain limit of space which we can devote to this plant, and this offer will be withdrawn as soon as stock is reduced to this limit.

Gloire de Lorraine, per 100: 2-in., \$15.00; 5-in., \$20.00, 6-in., \$25.00.

Gloire de Lorraine, pink, per 100: 2-in., \$15.00; 3-in., \$25.00; 6-in., \$75.00.

Gloire de Lorraine, erica compacta, per 100: 2-in., \$15.00; 3-in., \$25.00; 6-in., \$75.00.

To give best results the larger sizes (above 3-in.) should be in the ground in October.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Flowering Begonias, Weltoniensis, Rubella, Riciniolia, Pestali, DeLesseps, 3 1/2-in. pots, \$2.50 per 100. Weltoniensis, Richardsoni, Jessica, Metallica, Rubra, Rubella, Verschaffelti, Pestali, Margaret, Argentea, Guttata, Alba Perfecta, Robusta, Sandersoni, Farvifolia, 3-in. pots, \$4 per 100. Riciniolia and Paul Braunt, 2-in. pots, \$5 per 100. Weltoniensis, Metallica, Rubella, DeLesseps, 4-in. pots, \$3 per 100. Jessica, 6-in. pots, 12c each. Rex Begonia, good varieties, 3-in., \$6; 4-in., \$8 per 100. The National Plant Co., Dayton, O.

50 Rex Begonias, in 2 1/2-in. pots, for \$2; and 40 Argentea Guttata, 30 President Carnot, 15 Spathulata and 15 of another variety for \$1. Cash with order. Russell Davis, Xenia, Ohio.

Rex begonia, in variety. Good stock from 2 1/2-in. pots, 50c per doz.; \$4.00 per 100. The McGreggor Bros. Co., Springfield, O.

REGONIA "Pink Profusion," fine, 2 1/2-in. pots, \$2.00 per 100. Mrs. L. F. Seaton, Richfield Springs, N. Y.

125 Rex begonia from 3 1/2-in. pots, 10 varieties; the lot for \$5.00. Mrs. J. E. Patton, Dayton, Mo.

Begonia Rex. Rooted cuttings, \$2.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Begonia, 2 1/2-in., 10 varieties, ready for 4-in. E. J. Dany, Jr., Independence, Mo.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1,000. Cottage Gardens, Queens, N. Y.

BERRIED PLANTS.

Jerusalem cherry, well set with berries, out of 4, 5 and 6-in. pots. Cheap. Write.

Converse Greenhouses, Webster, Mass.

Jerusalem cherry, suitable for 6-in. pots, 2c each. E. L. Hixie, Coit, Mass.

You will find ALL the BEST offers ALL the time in the Review's Classified Ads.

BOUGAINVILLEA.

Bougainvillea Gloran Sandhiana, 3 1/2-in., \$6; 3-in., \$4; 2 1/2-in., \$3 per 100. Cash, Ino. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

200 Bougainvillea Sandersi, strong, thrifty plants for 4-in. pots. For sale cheap. Aug. Fischer, Quincy, Ill.

BOUARDIA.

Bouvardia Humboldtii cymibiflora, white, sweet-scented; grandest flower from midwest to Christmas in the New York market, a rival of Lily of the Valley. Fine, extra strong field-grown plants, ready for benches, \$5.00 per doz., \$48.00 per 100, \$15.00 per 1000. Cash with order.

FLADECK BROS., Middle Village, Borough of Queens, N. Y.

Bouvardia multiflora, pink. Strong plants from field, \$8.00 per 100. Cash. C. E. Mehan, Slocum and Musgrave Sts., Germantown, Pa.

150 Bouvardia rosea multiflora, fine, field-grown, at 10c. S. S. Peckham, New Bedford, Mass.

BROWALLIA.

500 Browallia gl. major, 2-in., \$2.00 per 100. Alfred H. Walker, Hollis, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

BULBS.

Lilium Hartill, 5 1/2-inch	12	100
Longiflorum Japan-grown, sound, healthy, EASTER comes early. Plant now.	12	100
5 1/2-inch circ.	12	100
6 1/2-inch circ.	45	25
7 1/2-inch circ.	60	40
8 1/2-inch circ.	35	60

True Longiflorum Multiflorum blooms two weeks earlier, grows many more flowers.

TRY IT.

5 1/2-inch circ.	40	30
6-inch circ.	60	40
8 1/2-inch circ.	100	70

Roman Hyacinths, white.

1 1/2 in. Full Size	25	1.75	16.00
1 1/2 in. Full Size	35	2.25	21.00

Paper White. True Grandif. 1st size, 15 cm. to extra

12 cm. up	15	80	7.00
Calla Ethiopic, 28 in.	60	40	6.00
Calla Ethiopic, 25 in.	60	40	6.00

Cyclamen Persicum Gigant. The most brilliant colors.

bulbs, 1 1/2-2 1/2 diameter.	85	6.00
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FRENCH Leuchtball, beautiful golden yellow

Spanish Iris, beautiful shades mixed	10	40	3.00
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Dutch Hyacinth, large bulbs.

extra fine, 15 cm. up, in separate colors

Chinese Narcissus mammoth bulbs original basket	30	bulbs	\$1.50; 120 bulbs, \$5.00.
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Send for estimates on all Dutch Bulbs. Order only \$1.00. We know the stock and will sell at these figures the above surplus subject to goods being unsold on receipt of order.

H. H. BERGER & CO., 47 Barclay St., New York.

Sound Roman Hyacinths, best of quality, 14,000 11 to 15 cm., \$14.00 per 1,000; 4,000 12 to 15 cm., \$22.50 per 1,000; 5,000 15 to 15 cm., \$30.00 per 1,000. We know the stock and will sell at these figures the above surplus subject to goods being unsold on receipt of order.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

We have ready for delivery L. LONGIFLORUM for Easter. Dutch bulbs-hyacinths, tulips, narcissus, crocus, etc.

Florists' wholesale price list of bulbs just published. Write for it.

W. C. BARNARD & CO., 161 Kinzie St., Chicago.

Calla bulbs, sound, full size, per 100 prepaid: 2 to 4-in. circ., \$3.00; 2 1/2 to 3-in. circ., \$2.00; 2 to 3-in. circ., \$1.00. Cash with order. Satisfaction guaranteed. Fred Raftery, Hermosa Gardens, Santa Ana, Cal.

Superior bulbs for forcing and bedding—send for our catalogue giving prices of all varieties of bulbs. We have a high reputation to sustain and ask you to try our bulbs. H. F. Michell, 1015 Market St., Philadelphia, Pa.

Our wholesale price list of high-class bulbs for florists has been mailed to the trade. If you have not received a copy send for one now. J. M. Thos. & Co., Cortland St., New York.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISEMENTS.

DREER'S RELIABLE BULBS.

Lilium Longiflorum (Bernuda grown), 5 to 7-in. bulbs, same firm stock, \$4.25 per 100; or \$1.50 for a case of 400 bulbs.

Lilium Harrisii, 5 to 7-in. (the only size left), \$1.25 per 100; or \$1.50 for a case of 400 bulbs. Lilium Longiflorum (Japanese grown), extra fine stock, mostly single crown bulbs, 5 to 7-in., \$2.50 per 100; or \$3.00 for a case of 500 bulbs; 7 to 8-in., \$4.25 per 100; or \$12.00 for a case of 300 bulbs.

Lilium Candidum, good firm bulbs, \$4.50 1,000. Freesia Refracta Alba, good firm bulbs, 3/4-in. dia., \$5.00 50 4.00.

Freesia Refracta Alba, 3/4-in. dia., \$5.00 50 4.00. Hyacinth, White Roman (scarce), \$2 to 15 cent. Hyacinth, Single Dutch, for forcing, \$3.50 32 50.

We will be pleased to quote special prices on large lots. Send in your orders early before the choicest stocks are sold.

H. A. DREER, 714 Chestnut St., Philadelphia.

Lilium Harrisii just arrived in the condition ready for delivery. Prices on all bulbs, tubers, plants and roots cheerfully given by sending your list of orders.

F. W. W. Schmitz, Princezav, N. Y.

Calla bulbs. Extra large size, 5 to 6-in. in circ., \$8 per 100; 4 to 5-in. in circ., \$1.50 per 100. These are extra stock for winter forcing.

The Livingston Seed Co., Columbus, Ohio.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Dutch bulbs of the very best quality have arrived. Send for wholesale catalogue. H. F. Michel, 1018 Market St., Philadelphia.

Send for our autumn bulb list, it will interest you. Johnson & Stokes, 217-219 Market St., Philadelphia.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, all kinds. Ask for special bulb list. BOBBINK & ATKINS, RUTHERFORD, N. J.

Paper white narcissus bulbs, 80c per 100. Cash. Jos. W. Cunningham, Delaware, Ohio.

Dutch bulbs best new. Write for full catalogue. W. C. Beckert, Allegheny, Pa.

CACTI.

Cacti. Cuttings and offsets, mostly rooted, all named, 2 1/2 doz. for \$1.00; fine mailing sizes, \$1.00 to \$1.50. Mrs. M. E. Patterson, Glendale, Ca.

"The Classified Ads. bring big returns" is the verdict of the advertisers.

CALLAS.

Dwarf Calla, Elliott's Little Gem bulbets by mail, \$1 per 100, prepaid. Satisfaction guaranteed. A. B. Davis & Son, Puresville, Va.

CALLA LILIES. Elliott's "Little Gem," fine for florists' use, 4-in. pots, \$6.00 per 100. Mrs. L. P. Seaton, Richfield Springs, N. Y.

CARNATIONS.

FIELD-GROWN PLANTS.

Our carnations have grown very fast the last two weeks and are now as fine and healthy as any plants we ever sold.

Queen Louise, 1st size, \$5.00 per 100; 2nd size, \$4.00 per 100. Marquis and Genevieve Lord, 2nd size, \$4.00 per 100.

Triumph, 1st size, \$5.00 per 100. Maud Adams, C. H. Dahme, Meteor, Albertini, Melba, 1st size, \$5.00 per 100.

Triumph, Wm. Scott. Melba, Daybreak. Mrs. Fisher, Meteor. Buttercup, 1st size, \$3.00 per 100.

QUEEN LOUISE.

\$12.00 per 100, \$10.00 per 1,000. Reports coming in show that Queen Louise has equalled or surpassed in growth all other varieties of carnations. It is the BEST WHITE GROW.

J. L. DILLON, Bloomsburg, Pa.

FIELD-GROWN CARNATIONS.

Fine plants of good, clean stock of the following varieties, ready for the bench, to close out at following reduced prices:

America, \$4.00 per 100; \$5.00 per 1,000. Joost, \$4.00 per 100; \$5.00 per 1,000. Scott, \$3.00 per 100; \$3.00 per 1,000.

THE HARM'S PARK FLORAL CO., Berteau Ave., Chicago.

Now ready. Field-grown carnation plants, guaranteed to be strictly first class in every way, at \$5.00 per 100 for 1st size, \$4.00 per 100.

WE OFFER THE STRONG, FIELD-GROWN CARNATION PLANTS AS FOLLOWS:

America, \$5.00 per 100; \$40.00 per 1,000. Crane, \$5.00 per 100; \$40.00 per 1,000. Triumph, \$7.00 per 100; \$60.00 per 1,000. Marquis, \$7.00 per 100; \$60.00 per 1,000.

VIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., Chicago.

Field-grown carnations. Our plants are strong and healthy and free from disease.

2250 Triumph, 1200 G. Lord, 2100 Crocker, 225 Olympia, 1550 White Cloud.

500 Daybreak, \$5.00 per 100. 700 Pingree and 700 Mary Wood, \$4.00 per 100.

FIELD-GROWN CARNATIONS. 350 White Cloud, 2nd size, \$2.50 per 100.

400 F. Joost, 2nd size, \$3.50 per 100. 100 Evaston, 2nd size, \$2.50 per 100.

500 White Cloud, 3rd size, \$2.00 per 100. 600 F. Joost, 3rd size, \$2.00 per 100.

Carefully packed and guaranteed to arrive in good condition. N. GREIVELDING, Merrill, Wis.

FIELD-GROWN PLANTS.

Good, healthy stock. Per 100. The Marquis, large plants, \$5.00. The Marquis, medium, \$4.00. Ethel Crocker, large plants, \$4.00.

EVENDEN BROS., Williamsport, Pa.

FIELD-GROWN CARNATIONS, surplus stock free from disease. Chesap, \$5.00 per 100.

C. YOUNG & SONS CO., St. Louis, Mo.

FIELD-GROWN CARNATIONS.

Good 2nd size field-grown plants at reduced prices: 150 G. Lord, 200 James Denn, 200 Maceo, 100 E. Crocker, 100 Nugent, 100 White Cloud.

JOSEPH L. LABO, Joliet, Ill.

8,000 fine, healthy, field-grown carnations, no buds in them. Ethel Crocker, Scott, Gomez, The Marquis, Lord, America, Joost, Red Wave, Snow Queen, Fortin and Daybreak, 1st size \$1.00, 2d size \$2.00 per 100. Cash. We pack tight and guarantee satisfaction.

CHAS. T. SIEBERT, Station B, Pittsburg, Pa.

FIELD-GROWN PLANTS OF FLOA HILL. Marquis, G. H. Crane, Mrs. Bradt and Daybreak, \$5.00 per 100. Evaston, Triumph, Armazindy and Argyle, \$5.00 per 100. Tidal Wave, \$5.00 per 100.

MRS. A. M. SCHAFFER, 223 Balmoral Ave., Chicago.

CARNATION PLANTS, strong, field-grown. Frances Joost, \$5.00 per 100, \$45.00 per 1,000. Wm. Scott, \$5.00 per 100, \$45.00 per 1,000.

ISABELLA GREENHOUSE, Babylon, L. I., N. Y.

CARNATIONS. Perfect condition. From field. Marquis, Crane, G. Lord, Crocker, Bradt and Gold Nugget, \$5.00 per 100. Albertini, Scott and Cardinal, \$4.00 per 100. McGowan, \$3.00. Send cash.

BROWN & CANFIELD, Springfield, Ill.

Carnations, field-grown, clean and healthy. Crane, Joost, America, Jubilee and White Cloud, \$1.00 per 100; \$5.00 per 1,000. Cash with order, please. Baur & Smith, 38th and Senate Ave., Indianapolis, Ind.

FIELD-GROWN PLANTS.

Strong, clean, healthy plants of Marquis, White Cloud, Hektor, Joost.

\$5.00 per 100, \$40.00 per 1,000. F. BURKI, Bellevue, Pa.

6000 A No. 1 carnation plants: Marquis, 7c; Crane, 6c; Jubilee, Flora Hill, Daybreak and Victoria. We have had fine plants and the plants are in fine shape for immediate planting. No disease.

FRANK BERRY, Stillwater, Minn.

Field-grown carnations: 450 Daybreak, strong, bushy plants, \$3.00 per 100; 300 Scarlet Wave and 250 Scott, medium size, \$2.50 per 100. Field-grown small bush plants, \$2.00 per 100. Cash, please.

CHAS. WIFFEN, Des Moines, Ill.

FIELD-GROWN CARNATIONS. Extra fine plants of Daybreak, White Cloud, and Gomez, \$4.00 per 100. Also a few hundred of Marquis and Crane in 2d size, \$4.00 per 100. Cash with order. W. A. Wetlin, Hornellsville, N. Y.

Genevieve Lord, the best pink, 1st size, \$5.00 per 100, \$70.00 per 1,000; 2nd size, \$5.00 per 100, \$70.00 per 1,000. 1st size, \$5.00 per 100, \$70.00 per 1,000. Hektor, red, extra strong, \$5.00 per 100. H. Weber & Sons, Okla. Land, Mo.

CARNATIONS good, healthy plants. 2,000 Joost, 500 F. Hill, 500 White Cloud, 500 Crocker, 100 G. Nugget, 600 Daybreak, 1,600 Crane and 100 Red Wave, \$4.00 per 100; \$4.00 per 100 for 2nd size. Carl Rauth, Springfield, Ill.

FIELD-GROWN PLANTS.

Extra fine plants of Crocker, 2nd size \$5.00 per 100; \$40.00 per 1,000. 2nd size Scott and Crocker, \$3.00 per 100; \$25.00 per 1,000. Geo. R. Geiger, Nazareth, Pa.

25,000 field-grown carnations. We escaped the drought, consequently our stock is in good shape for benching. We have all the leading varieties; lowest prices quoted on application. W. E. Harlow, Clyde, Ohio.

Carnations. Strong stock, 1,500 Evelina, 500 Tidal Wave, 150 Scott, 50 Crocker, 60 Fern, 100 Evaston and 300 Daybreak at ac. 200 Michigan, 3c.

J. M. SMELY, Aurora, Ill.

Strong field-grown carnation plants. 400 Ethel Crocker, 400 F. Joost, 150 Albertini, 100 America at \$5.00 per 100. Armazindy and 100 Holland, Ind.

Carnations. Jubilee, Crane, Flora Hill, Daybreak, Joost, Guardian Angel and Joost, \$5.00 per 100; \$15.00 per 1,000. Irene, extra large plants, \$4.00 per 100. Crabb & Hunter, Grand Rapids, Mich.

500 field carnations for sale. E. Crocker, \$5.00 per 100. Wm. Scott, \$4.00 per 100; \$35.00 per 1,000. Fisher, \$3.00 per 100; \$25.00 per 1,000. E. E. Daylis, 32d and Market Sts., Wilmington, Del.

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Achillea, "The Pearl," large clumps, \$2.00 per 100, \$20.00 per 1,000. W. A. Finger, Hicks, N. L. N. Y.

Order for sale a fine stock of the hardy Lily Teniflorum. F. H. Burdett, Clifton, New York.

For hardy herbaceous perennials write Chas. S. Dutton, 55 West 12th St., Holland, Mich.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

2,000 Hollyhocks, fine plants, \$1.00 per 100. Geo. Engel, Xenia, Ohio.

HYDRANGEAS.

Hydrangeas Otaokas. Field-grown, large plants, from 7 to 8 crowns, \$3.00 per 100. Peter Wenk, Ozone Park, L. I. N. Y.

LILY OF THE VALLEY.

Lily of the Valley. Order now for November delivery. Send for new catalogue, H. H. Berger & Co., 47 Barclay St., New York.

MIGNONETTE.

Fine stock plants of the large-flowering market variety, from selected seeds, 2-in. pots, \$2.00 per 100, \$20.00 per 1,000. A. Meyer, 2218 So. Jefferson Ave., St. Louis, Mo.

MUSA ENSETTE.

Musa ensete, field-grown; will fill 12-in. pots or tuba, extra fine, \$1.00 each. S. S. Peckham, New Bedford, Mass.

MUSHROOM SPAWN.

Fresh English MILL-TRACK mushroom spawn just received. Per brick (about 1 1/4 lbs.), 15c; postpaid 25c; 25 lbs., \$1.75; 100 lbs., \$6.00; 1,000 lbs., \$16.00. J. L. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

We handle nothing but Barter's mushroom spawn. What is your cost of manure and labor worth unless you have a good quality? Write us, naming quantity wanted. Prospect Greenhouse, Kennesaw Square, Pa.

Frequent importations of best graded English mushroom spawn, J. J. Styer, Concordville, Pa.

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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Harrell, Summit, N. J.

Strong, well established, healthy plants at \$1.00 per doz. Fern rootlets at \$1.00 per barrel. W. Matthews, Utica, N. Y.

PAEONIES.

Paconia officinalis rubra all sold. Paconia chinensis in white, pink, yellow and red. Prices for cash each, \$5.00 per 100, \$40.00 per 1,000; smaller size, \$3.00 per 100, \$20.00 per 1,000. W. A. Finger, Hicks, N. L. N. Y.

Paconia red, scarlet, pink, white, assorted. Strong field-grown clumps, \$3.00 per doz. Strong divided roots, \$10.00 per 100. Will book orders for fall delivery. Hall's Nurseries, Cherry Valley, Ill.

Paconias. Fifty named varieties, \$10.00 per 100. Not less than five of a kind at hundred rates. Send for list. The Elizabeth Nursery Co., Elizabeth, N. J.

Pacony roots at 1c per stem as shown on clumps, this year's growth. Fall planting during September and October. Colors, pink and red. Brant & Co., Forest Glen, Chicago.

Paconias, fine pink, \$4.00 per 100; \$35.00 per 1,000. True paconies, \$1.00 per doz. Gilbert H. White, Erie, Pa.

Paconies, selected kinds for florists' use, very low by the 100, 500 or 1,000. F. A. Baller, Bloomington, Ill.

Send for catalogue and see bargain. CHICAGO FAERON FARMS, Joliet, Ill.

PALMS, ETC.

PALMS, Strong, hardy stock. ARECA LUTEUSCENS, 3 plants together, 4-in., 6c; 6-in., 7c; 8-in., \$2.00 and \$5.00. Extra large specimen, \$35.00.

KENTIA BELMOREANA, 4-in., 35c, 50c, 75c; 6-in., 75c and \$1.00; 8-in., \$1.50 and \$2.00; 10-in., \$3.00 and \$5.00.

KLUDIA PANDANUS, 4-in., 25 and 40c; 6-in., \$1.00 and \$1.50. 3 plants together, 8-in., \$3.00.

LATANIA PALMBOHICA, 4-in., 25c; 6-in., 50 and 75c; 10-in., \$1.00.

DYACRAENA TERMINALIS, strong, 6-in., 50c and 75c.

FIGUS ELASTICA, 4-in., 25c; 6-in., 50 and 75c.

PANDANUS UTILIS, 4-in., 20c; 5-in., 25c. PANANDUS VEITCHII, Livistona rotundifolia, Cocos Weddeliana, Draecena Sanderiana, etc. Send for descriptive list and prices. CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

PALMS—Continued.

PALMS—We desire to call your special attention to the list of plants enumerated below, which at this time are in an unusually fine condition:

Table with columns: ARECA LUTESCENS, Pots, 1 plants, High, 12, 100. 2 inch... 2 in a pot 10 to 12 8 10.00 5 inch... 3 in a pot 20 9.00 75.00 6 inch... 3 in a pot 24 12.00 100.00 8 inch... 3 in a pot 30 to 36 12.00 100.00

COCOS THIS SEASON IS AGAIN SCARCER. Our stock in fine condition. We offer good plants in 3-in. pots at 12 to 12 inches high, at \$2.50 doz.; \$20.00 per 100.

Table with columns: KENTIA BELMOREANA, Pots, Leaves, High, 12, 100. 2 1/2 inch... 3 to 4 8 1.50 12.00 3 inch... 4 to 5 10 to 12 2.00 25.00 4 inch... 5 to 6 15 3.00 35.00

A fine lot of 4-in. pots of this the most beautiful of all the Phoenixes, just showing character, \$4.00 per doz.; \$30.00 per 100.

Table with columns: KENTIA FORSTERIANA, Pots, Leaves, High, 12, 100. 2 1/2 inch... 4 to 5 10 to 15 \$1.50 \$12.00 3 inch... 4 to 5 12 to 15 2.00 15.00 4 inch... 5 to 6 15 to 18 4.50 35.00

Table with columns: LATANIA BORBONICA, Pots, Leaves, High, 12, 100. 4 inch... 4 to 5 12 to 15 \$2.50 \$20.00 5 inch... 5 to 6 15 5.00 50.00 6 inch... 6 to 7 20 to 25 9.00 75.00

PANDANUS UTILIS. A fine lot in 3-in. pots, \$1.00 per doz.; \$8.00 per 100. DREER, 71 Chestnut St., Philadelphia, Pa.

Table with columns: PALMS, Home-grown, strong and healthy, ARECA LUTESCENS, Inch inches, Pots, High, Per 12, Per 100. 1 plant... 2 10-12 1.00 5.00 2 plants... 3 20-22 2.00 75.00 3 plants... 5 24-26 3.00 100.00

Table with columns: KENTIA BELMOREANA, Inch inches, Pots, High, Per 12, Per 100. 2 1/2 inch... 4 to 5 1.50 12.00 3 inch... 4 to 5 10 to 12 2.00 25.00 4 inch... 5 to 6 15 3.00 35.00

Table with columns: KENTIA FORSTERIANA, Inch inches, Pots, High, Per 12, Per 100. 2 1/2 inch... 4 to 5 1.50 12.00 3 inch... 4 to 5 10 to 12 2.00 25.00 4 inch... 5 to 6 15 3.00 35.00

Table with columns: KENTIA BELMOREANA, Inch inches, Pots, High, Per 12, Per 100. 2 1/2 inch... 4 to 5 1.50 12.00 3 inch... 4 to 5 10 to 12 2.00 25.00 4 inch... 5 to 6 15 3.00 35.00

Table with columns: KENTIA FORSTERIANA, Inch inches, Pots, High, Per 12, Per 100. 2 1/2 inch... 4 to 5 1.50 12.00 3 inch... 4 to 5 10 to 12 2.00 25.00 4 inch... 5 to 6 15 3.00 35.00

Table with columns: KENTIA FORSTERIANA, Inch inches, Pots, High, Per 12, Per 100. 2 1/2 inch... 4 to 5 1.50 12.00 3 inch... 4 to 5 10 to 12 2.00 25.00 4 inch... 5 to 6 15 3.00 35.00

Table with columns: LATANIA BORBONICA, 20,000 cheap for cash, Inch inches, Pots, High, Per 12, Per 100. 2 1/2 inch... 8 to 10 3 to 4 \$0.05 \$0.45 \$4.00 \$28.00

These plants are all strong, ready to put up. For other varieties see wholesale list to be given on all orders accompanied by check.

W. J. HESSER, PLATSMOUTH, N.E. To quickly make room will sell cheap for cash the following:

Table with columns: KENTIA BELMOREANA, 3-in., \$15.00; 4-in., \$25.00; 5-in., \$35.00 per 100. KENTIA FORSTERIANA, 3-in., \$15.00; 4-in., \$30.00; 5-in., \$50.00; 7-in., \$100.00.

Good, strong, healthy stock and all ready to ship. We pack light and guarantee satisfaction. CHAS. T. SIEBERT, Station B, Pittsburg, Pa.

A bargain in young palms in 3-in. pots, for growing on: Areca lutescens 1.00 5.00 Corypha australis 6.00 55.00 Latania borbónica 5.00 45.00 Phoenix roebelinii 5.00 45.00 Phoenix canariensis 5.00 45.00 Phoenix borneriana 5.00 45.00 Kentia Forsteriana 15.00 140.00 The following in 2-in. pots: 1000 Scortchia elegans \$4.00 \$35.00 Livistona rotundifolia 6.00 55.00 Caryota urens 6.00 55.00

All the above stock is absolutely clean and of extra value. Will send sample lot, one of each variety, for \$1.00. J. B. HEISS, Dayton, Ohio. Special BARGAIN PRICES on the following well-grown, healthy stock: Pot. High, 100. Kentia Forsteriana 5-in. 20 \$45.00 Kentia Forsteriana 5-in. 24 to 20 75.00 Phoenix roebelinii 5-in. 20 to 24 50.00 Phoenix Canariensis 5-in. 15 to 18 50.00 Phoenix Canariensis 5-in. 18 to 20 70.00 City Greenhouses, Rockford Seed Farms. H. W. BUCKBEE, Rockford, Ill.

PALMS, cheap to make room. LATANIA BORBONICA, 3-in., \$7.00 per 100; 6-in., 3 plants in a pot, \$9.00 per doz. KENTIAS, 5-in., 12 to 15-in. high, 40c; for 2 and 3 leaves, \$8.00 per 100. LATANIA BORBONICA, 3-in., strong, \$5.00 per 100. KANDANUS UTILIS, 4-in., strong, \$15.00 per 100. WALKER & McLEAN, Youngstown, O.

Kentia Belmoreana. Extra strong plants with three clear leaves, \$20.00 per 100. 5 1/2-inch pots, three plants in each, \$100.00 per 100. Larger sizes of Kentias; also Latanias, Pandanus Veitchii and Uttilis, cheap on application. John Scott, Keap Street Greenhouses, Brooklyn, N. Y.

Palms, Headquarters for perfect stock. Latania 7-in., 12 to 15 leaves, \$5.00 per doz; \$7.00 per 100. These palms cannot be excelled in quality or be duplicated for the same money. WALTER RETZER & CO., 3945 No. Halsted St., Chicago.

If you want some well grown, stocky Kentias and Latanias, write us. We have an immense stock. C. C. POLLWORTH CO., Milwaukee, Wis.

PALMS—Latania borbónica, from 2 1/2-in. to 2 1/2 leaves, \$4.00 per 100. Filifera, 2 1/2-in., \$3.50 per 100; by mail, 50c per doz. Brown & Hersey, Fairhope, Ohio.

For Sale—1 Pandanus Uttilis, specimen plant, 2 1/2 high. 5 Areca Lutescens, fine bushy plants, 30 to 12 high. Paul J. Surgevin, Port Chester, N. Y.

Latania Borbónica, extra strong, clean, well grown, in 2 1/2-in. pots, ready for 3 1/2, \$3.00 per 100. \$7.00 per 1,000. A. DAVIS & SON, Puercellville, Va.

Pandanus Veitchii, 6-in. pots, \$1.00 each; \$12.00 per doz. 7-in., \$1.50 each; \$18.00 per doz. John Welch Young, Germantowne, Pa.

Palms, per 100: Latania borbónica, 3 1/2-in., \$4.00; Kentia Belmoreana and Forsteriana, 3-in., \$15.00. Morris Floral Co., Morris, Ill. Write us for our prices on Palms and Rubbers. They will please you. Johnson & Stokes, 217-219 Market St., Philadelphia.

Palms in all sizes. Ask for special trade list. ROBINCK & ATKINS, Rutherford, N. J.

PANSY PLANTS. For Pansy Seed see under heading "Seeds." PANSY PLANTS of the famous DIAMOND STRAIN. The best strain of the German type, largest size, perfect form, thick velvety petals and the greatest variety of rich and odd colors and markings. Fine, stocky, field-grown plants from the seed of the best varieties, mixed, \$4.00 per 1,000; \$2.25 for 500 by express, by mail postpaid 75c per 100. Cash with order. PANSIES A SPECIALTY for 25 years. L. W. GOODELL, Pansy Park, Dwight, Mass.

Johnson & Stokes' KINLEY collection of pansies is the finest strain of Johnson & Stokes. All trade pkt. 1.00; seed 20c; trade pkt., 2,000 seeds, 50c; 5,000 seeds, \$1.00; 10,000 seeds, \$1.50.

Pansies of an extra fine, large-blooming stock, 50c per 100 by mail, \$4.00 per 1,000 by express. Cash, Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Zirngelbe's GIANT pansy plants, \$5.00 per 100, and \$10.00 for 500. They are the best to any we ever sent out. Denys Zirngelbe, Needham, Mass. Pansy plants. Genuine Mme. Perret, Beauclere's strain, \$2.00 per 1,000. Wm. G. Wenk, Ozark Park, L. I., Y. Clinton Ave.

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Pansies, a mixture of the finest strain, \$4.00 per 1,000. Converse Greenhouses, Webster, Mass. Giant of California pansy plants, \$1.00 per 100, express paid. Mitting Floral Co., Loomis, Cal.

HERR'S PANSIES are all sold for this season. ALBERT M. HERR, Lancaster, Pa. Pansy plants, 50c per 100, \$3.00 per 1,000. Cash, Jos. H. Cunningham, Delaware, Ohio.

Pansies, the very best German, \$4.00 per 1,000. Hugo Book, Worcester, Mass. Double petunias, rooted cuttings, \$1.00 per 100. Cash, please. O. F. Searles, L. B. 288, Nashua, N. H.

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Double petunias, rooted cuttings, \$1.00 per 100. Cash, please. O. F. Searles, L. B. 288, Nashua, N. H.

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Fine 3-in. poinsettias, \$3.00 per 100; \$1.00 per dozen. Geo. W. Hunt & Son, Mansfield, Ohio.

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Chinese primula, white only, 2 1/2-in., \$1.50 per 100. New Yellow Baby Primrose, 2 1/2-in., \$2.00 per 100. Cash, Morris Floral Co., Morris, Ill.

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A few hundred fine primulas. Geo. A. Kuhl, Peekin, Ill.

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California Privet: 3 to 4-ft., cut back, bushy and fine, \$40.00 per 1,000. 2 1/2 to 3-ft. cut back, bushy and fine, \$30.00 per 1,000. 2 to 2 1/2-ft., cut back, bushy and fine, \$25.00 per 1,000.

18 to 24-in., bushy and fine, \$18.00 per 1,000. 20 to 24-in., bushy and fine, \$12.00 per 1,000. Packing at cost.

Send list of other wares for lowest quotations. STROY & STEINLE, Shrewsbury Nurseries, Eatontown, N. J.

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Perle and La France rose plants. La France, 4-in., \$5.00 per 100. La France, 2-in., \$4.00 per 100. La France, 2 1/2-in., \$3.00 per 100. Perle, 3-in., \$5.00 per 100. Perle, 3-in., \$4.00 per 100. Bridesmaids, 3-in., \$4.00 per 100. Kaiserin, 2-in., \$4.00 per 100. ERWIN & STEINLE, Springfield, Ill. Philadelphia, Pa.

Manda's Hybrid Evergreen Wichuraiana Roses, Evergreen Gem, Jersey Beauty and Gardenia, strong, 2 1/2-inch, \$2.00 per 100; \$18.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Puercellville, Va.

Rose plants. Superb stock. Brides and Gales, 4-in., \$5.00 per 100. Brides, Maids and Gates, 3-in., \$3.00 per 100. Lightly but well packed. ERWIN & STEINLE, Springfield, Ill.

WHITE GOLDEN GATE, the great prize-winner. Contracts solicited for delivery of plants April 15, 1902. AMERICAN ROSE CO., Washington, D. C.

NOVELTIES. The leading European novelties, strong, healthy, field-grown or pot plants. Ask for catalogue. Peter Lambert, Trier, Germany.

Roses. Brides and Maids, 3-in. pots, \$2.00 per 100. Brides and Maids, GRAFTED, 4-in. pots, \$2.00 per 100. Walker & McLean, Youngstown, O.

Fine, strong plants of Bridesmaid and Golden Gate roses, 2 1/2-in. pots, \$2.00 per 100, \$18.00 per 1,000. Mrs. J. W. Crouch, Chattanooga, Tenn. Brides, Maids, Meteors and Golden Gates, to close stock, \$3.00 per 100. K. F. Tesson, West Forest Park, St. Louis, Mo.

1,000 each of Brides and Maids, from 3-in. pots, \$4.00 per 100, 1,000 Golden Gales, 2 1/2-in., \$3.00 per 100. Joseph Heim, Jacksonville, Ill.

Roses. Perle and Meteor, 3 1/2 and 4-in., \$7.00 per 100. Chatsworth, 3 1/2 in., \$5.00 per 100. H. Weber & Sons, Oakland, Md.

Fine, strong 3-year-old field-grown White Woman Cochet, \$16.00 per 100. Isaac H. Moss, Gaston, W. Va.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special list of prices. BOBBINK & ATKINS, Rutherford, N. J.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

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I have a few thousand ficus, 3-in. pots, top cuttings, 4 to 8 leaves, for immediate delivery; also will take orders for fall or next spring delivery at—considering stock—the following low prices: \$17.50 per 100; \$16.00 per 100 in lots of more than 100 and less than 500; \$15.00 per 100 in lots of 500 and over.

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Ficus elastica, fine strong plants, with leaves to top, perfect shape. 10 to 12-inches, \$3.00 per doz. 14 to 16-inches, \$3.50 per doz. 18 to 20-inches, \$4.00 per doz. A few large plants, 4 to 6 feet high, at \$1.00 each. All packed light and satisfaction guaranteed.

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FICUS ELASTICA.

Pots. 12, 100. 4-inch, 100. 10 to 12 in., \$1.00 \$30.00. 6-inch, 100. 20 to 24 in., \$1.50 75.00. H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

RUBBERS, fine, strong plants. 6-in. pots, 24 in. high, \$5.00 doz. 7-in. pots, 27 in. high, \$5.50 doz. 7-in. pots, 30 in. high, \$6.00 doz. WM. A. ROCK, North Cambridge, Mass.

Rubber plants, strong, grown from top cuttings, 12-in., 25 each, \$3.50 per doz.; 18-in., 50 each, \$5.00 doz.; 20 to 24-in., 60 each, \$7.00 doz.; 24 to 30-in., 80 each, \$8.00 doz. Joseph Heim, Jacksonville, Ill.

Ficus (Rubber plant), old and new variety. 4-in. pots, \$3.00 per doz.; 5-in., \$4.00 per doz. THE McGRUBER BROS. CO., Springfield, O.

RUBBER TREES, one pair, round-leaved, 16-in. pots, \$6.00 each. In stock, Mrs. L. P. Seaton, Richfield Springs, N. Y.

I have 5,000 extra fine plants at 40c to \$5.00 each. John Scott, Keap St. Greenhouses, Brooklyn, N. Y.

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Finest Giant pansy seed, critically selected, mixed, 4,000 seeds, \$1.00; half pkt., 50c. Pansy Buffalo, new Giant, fringed and ruffled, mixed, 600 seeds, 50c. Cyclamen, California Giant-flowering, mixed, 200 seeds, \$1.00; 1/2 pkt., 50c. Chinese primroses, finest grown, mixed, 600 seeds, \$1.00; 1/2 pkt., 50c. Cinerarias, finest dwarf, 1,000 seeds, 50c. John P. Rupp, Shremanstown, Pa.

KENTIA SEED. New crop 1901. Sure to grow. HELMORAENA or FORSTERIANA, 25 seeds, 25c; 100 seeds, 60c; 1,000 seeds, \$4.00. Liberal discount on larger lots. ASPARAGUS CINCINERIFOLI, 100 seeds, \$2.00. ASPARAGUS PLUMOSUS, 100 seeds, 75c; 1,000 seeds, \$6.00. Send for our catalogue. H. H. BERGER & CO., 47 Barclay St., New York.

New crop now ready. Pansy, superb mixed, 1/2 oz., 75c; oz., \$5.00. Cineraria, Giant Prize, large pkt., 50c. Cyclamen, California Giant-flowering, mixed, 200 seeds, \$1.00. Write for full catalogue. W. C. Beckert, Allegheny, Pa.

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Wholesale price lists for florists and market gardeners. W. Atlee Burpee & Co., Philadelphia, Pa.

Cyclamen seed of our well-known strain, in four separate colors, \$7.00 per 1,000 seeds. Lehigh & Winfield, Hackensack, N. J.

Choice selected stock of Grand Rapids flower-plant SEED for 2c. per oz.; 2 oz., 35c. S. W. Pike, St. Charles, Ill.

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Smilax seed, 20c per oz. delivered. Write for low price per pound. Fred Rafferty, Hermann Gardens, Santa Ana, Cal.

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True IRISH SHAMROCK, good roots, \$3.00 per 100. 7c per doz. Mrs. M. Cavanaugh, Ionia, N. J.

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Delivered, cash with order. 100 1000. Strong roots, 3-in. diameter, \$3.75 \$32.50. Strong roots, 2-in. diameter, \$2.50 \$15.00. Strong roots, 1-in. diameter, \$1.25 \$9.00. Young seedlings, 100 250. Violet Princesses of Wales, \$3.00 per 1000, prepaid. Send for trade list. THE ROSA H. SHEPHERD, Ventura-by-the-Sea, Cal.

SMILAX. SMILAX.

4,000 NX strong smilax, from 2 1/2-in. pots, \$1.25 per 100; \$10.00 per 1,000. Chas. W. Thompson, 675 Avenue E, Bayonne, N. J.

Good, strong plants, \$1.00 per 100; \$10.00 per 1,000. Mount Honnes Conservatories, Chas. H. Foster, Fishkill Village, N. Y.

Smilax, 75c strong, bushy plants from 3-in. pots, \$2.50 per 100, \$10.00 for the lot. B. K. Burbon, Clinton, N. Y.

Fine stock plants, ready for planting, \$1.25 per 100; \$10.00 per 1,000. J. C. Schmidt, Bristol, Pa.

Smilax. Big field clumps, \$2.50 per 100. Cash. Roney Bros., West Grove, Pa.

Smilax, 2-in., \$1.25 per 100. Harry White, New Holland, Ind.

Smilax, 2 1/2-in., \$1.50 per 100. Morris Floral Co., Morris, Ill.

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Stevia var. 2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

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Vegetable plants. Cabbage and lettuce, all the leading varieties, cheap in large lots. Write for price. S. Lenthum, Woodwardville, A. C. Co., Md.

Vegetable plants. All vegetable plants in their season, by the 100, 1,000 or 10,000. R. Vincent, Jr. & Son, White Marsh, Md.

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Fine transplanted Grand Rapids lettuce plants, by mail, only 40c per 100. S. W. Pike, St. Charles, Ill.

Grand Rapids lettuce plants at 15c per 100. Good plants. John H. Trentmann, Delphos, O.

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Lemon verberna, rooted cuttings, \$1.50 per 100. Greene & Underhill, Watertown, N. Y.

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Vinca var. rooted cuttings, \$1.25 per 100; \$10.00 per 1,000. 2 1/2-in., \$2.00 and \$2.50 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

VINCA VARIEGATA, elegant stock, pot-grown, \$2.00 per 100. VINCA var. 4-in. pots, \$5.00 per 100. Field-grown, \$2.00 per 100. C. YOUNG & SONS' CO., St. Louis, Mo.

3,000 field-grown vincas. Strong plants, \$25.00 per 100; \$2.00 per 100. Cash with order. Thos. D. Candy, Langhorne, Pa.

Vinca var., extra fine, field-grown, \$6.50 per 100. Cash, please. O. F. Searies, L. E. 288, Nashua, N. H.

Vinca var., field-grown plants, \$5.00 per 100. Cash. W. S. Nicols, Barrington Centre, R. I.

Vinca var., field-grown, \$5.00 per 100. Convex Greenhouses, Webster, Mass.

Variogated vinca, from field, \$4.00 per 100. C. Merkel & Son, Mentor, Ohio.

Variogated vinca, field-grown, \$4.00 per 100. J. A. Wibe, Downers Grove, Ill.

VIOLETS.

VIOLETS. Fine field-grown clumps CALIFORNIA, 1,000, \$1.00. H. H. BERGER & CO., \$5.00 per 100. PRINCESS OF WALES, \$5.00 per 100. BOSTON FERNS from bench, fit for 5-in. pots, \$1.00. Cash. H. H. BERGER & CO., \$1.00. DEFLANCE MIGNONETTE, 2 1/2-in., \$3.00 per 100. Cash, please. H. H. BERGER & CO., \$1.00. H. H. BERGER & CO., West Grove, Pa.

Violet plants for sale. 500 single California, 2 1/2 in. pots. Grow in open soil, large, healthy plants, free from disease. Price, \$4.00 per 100. Apply to "Cedar Ridge Violets," P. O. Box 100, Winton, Mass.

Violets. 2,000 healthy, field-grown Campbell, \$2.50 per 100; \$20.00 per 1,000. 300 to 1,000 each, 200 strong plants of California, \$2.50 per 100. Cash with order. Chas. Black, Hightstown, N. J.

Princess of Wales, Campbell and La France violet plants. Strong field-grown clumps from sand struck cuttings, \$5.00 per 100; \$40.00 per 1,000. Albert H. Brown, Westboro, Mass.

Marie Louise Violets. Strong, healthy plants, from soil or out of 2 1/2-inch pots, at \$30.00 per 1,000. Samples, 10c. Cash with order. C. F. Babret, Violet Ave., Foughingessie, N. Y.

1,000 plants of field-grown Campbell at \$5.00 per 100. They can't be beat. Or will exchange for a good variety of white carnation. Connelly, Watertown, N. Y.

Violet clumps all sold but we have 1,500 Marie Louise, 3-in. pots, \$3.50 per 100, and 1,000 Swanley White, 3-in. pots, \$2.50 per 100. Geo. Engle, Xenia, Ohio.

Marie Louise, strong, field-grown clumps, perfectly clean and healthy, \$4.00 per 100, \$35.00 per 1,000. Cash, please. Sample 10c. R. Kilbourne, Clinton, N. Y.

Violet plants, 16,000 Lady Hame Campbell and 300 California, in first-class condition, at \$2.00 per 100; \$20.00 per 1,000. Richard Langle, White Plains, N. Y.

Violets. 1,500 Marie Louise, 500 La France and 500 Princess of Wales, 2 1/2-in. pots, \$2.50 per 100. Cash with order. J. J. Lampert, Xenia, Ohio.

FIELD-GROWN VIOLETS. Write for prices and varieties.

W. F. KASTING, 481 Washington St., Burlington, Vt.

5,000 Campbell clumps, clean and good; cash price, \$3.50 per 100, \$30.00 per 1,000. By a violet grower.

A. B. Campbell, Cochransville, Pa.

Violets. Strong field-grown Lady Campbell, free from disease, \$1.00 per 100; \$5.00 per 1,000. E. R. Lowe, 42 Summer St., West Roxbury, Mass.

Violets. 400 Marie Louise, in 3 1/2-inch pots, and field-grown Vincas, Major Var., \$2.00 and \$4.00 per 100. Cash. Russell Davis, Xenia, O.

Violets, Marie Louise and Princess of Wales. Fine field-grown plants, \$4.50 per 100; \$40.00 per 1,000. The Ecol Floral Co., Ithaca, N. Y.

Fine, healthy field-grown clumps of Princess of Wales, California and Lady Campbell, \$4 per 100, \$35.00 per 1,000. J. C. Schmidt, Bristol, Pa.

Lady Campbell violets. Large clumps; \$5.00 per 100; \$25.00 per 1,000. Cash with order. H. R. Southworth, West Stoughton, Mass.

Princess of Wales violets, 2 1/2-in., \$3.00 per 100; \$25.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Field-grown violets. 6,000 Lady Campbell and 10,000 Princess of Wales. Wm. Sim, Cliftondale, Mass.

MARIE LOUISE VIOLETS, strong plants, \$2.50 per 100. Mrs. L. P. Seaton, Richfield Springs, N. Y.

2,000 Princess of Wales, fine, large field-grown plants, \$3.80 per 100. Cash, please. Chas. Winton, Des Plaines, Ill.

Fine field-grown Marie Louise, \$4.00 per 100. John Bronner, 301 Beecher St., Syracuse, N. Y.

You will find ALL the BEST offers ALL the time in the Review's Classified Ads.

MISCELLANEOUS.

Field-grown stock, true and good; write at once for prices. Geraniums—Dbl. Grand and La France, Canna—Crosby, Canary Bird, La France and Henderson, Strabe—Privet, Blue and Red Spiraea, Deutzia, Gnaphalium, Althaea, Variogated Hibiscus, Crinum, Eye and Day-blossoms, also some other English and American. Roney Bros., West Grove, Pa.

We sell the FLORESTA'S MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

TO EXCHANGE.

to Exchange—Rudbeckia Golden Glow, strong divisions, \$2.00; clumps, \$5.00 per 100. What has left for exchange? Gift Floral Co., Richmond, Ind.

To Exchange—Irish Junipers, Rubber plants and Roses to exchange for Cyclamen, Primroses and Palms. Joseph Heintz, Jacksonville, Ill.

To Exchange—1,000 field-grown Campbell violets for a good variety of white carnation. C. W. Traub, Chicago.

To Exchange—Marques and Flora Hill carnations for California violets. Wm. Pfund, Oak Park, Ill.

To Exchange—See adv. under Asparagus. M. J. Coventry, Fort Scott, Kan.

CUT FLOWER BOXES.

CUT FLOWER BOXES.

No. 0 20x4x2.....	100	1,000
No. 1 16x4 $\frac{1}{2}$ x3.....	1,75	15.00
No. 2 18x5 $\frac{1}{2}$ x3.....	2.00	18.00
No. 3 18x5 $\frac{1}{2}$ x3.....	2.00	22.00
No. 4 24x5 $\frac{1}{2}$ x3.....	2.75	25.00
No. 5 24x5 $\frac{1}{2}$ x3.....	3.75	35.00

No charge for printing. A trial order will convince you that these are just the boxes you wish.

THE LIVINGSTON SEED CO., Columbus, O.
Florists' Boxes The J. W. Sefton Mfg. Co., 241-27 S. Jefferson St., Chicago.

Star Florists' Boxes, Edwards & D. W. Mills, 17 and 18 N. 17th St., Philadelphia, Pa.
H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns always on hand. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 33 Court Square, Boston, Mass.

Dagger and Fancy ferns, 50c per 1000. Laurel festooning, 4, 5 and 6c per yard. Crowthorn Co., Millington, Mass.

Southern Will Smilax, new crop ready now. Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

FERTILIZERS.

PURE BONE MEAL.

The brand we are selling has no acids. It is pure bone, guaranteed free from superphosphate and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse cultures. 50 lbs., \$1.00; 100 lbs., \$1.90; 200 lbs., \$3.50; 1000 lbs., \$14.00; 10,000 lbs., \$127.00.

ANALYSIS:

Nitrogen..... 3 to 4 $\frac{1}{2}$ per cent
Potash..... 1 to 1 $\frac{1}{4}$ per cent
Bone phosphate..... 50 to 60 per cent
Equal to phosphoric acid 25 to 25 per cent.

PULVERIZED SHEEP MANURE.

One of the most effective fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have we feel assured of their patronage. Prices: 50 lbs., \$1.00; 100 lbs., \$1.90; 200 lbs., \$3.50; 1000 lbs., \$14.00; 10,000 lbs., \$127.00.

HORN SHAVINGS.

Especially useful where bedding plants are largely grown. 25 lbs., \$1.00; 100 lbs., \$3.50; 1000 lbs., \$14.00; 10,000 lbs., \$127.00.
H. H. HUNT, 76-78 Wabash Ave., Chicago, Ill.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothea sprays, address the introducer.

Harlan P. Kelsey,
218 Tremont Bldg.,
Boston, Mass.

Reduction in price of Galax. DELIVERED FREE anywhere in U. S., for ONE DOLLAR per thousand.

AMERICAN ROSE CO., Washington, D. C.

New green GALAX shipped by express; quality good. Bronze GALAX shipped from cold storage, New York. Write for prices. J. G. Loven, Montezuma, N. C.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

Farlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

Tremwlow's Old English Glazing Putty, Semi-Liquid, made only in America by Hammond's Paint and Slag Shot Works, Fishkill-on-Hudson, N. Y.

TRY LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make special greenhouse putty. Price on application. Lord & Burham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Subury St., Boston, Mass.

Greenhouse glass, Benjamin H. Shoemaker, 205 to 211 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J.
Penn Hubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 300 grains of one tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.
Skabcura Dip Co., Chicago.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

Singshot, Grape Dust, Etc. B. Hammond, Fishkill-on-Hudson, N. Y.

LEAF MOLD.

Leaf mold, 3 years old, \$1.00 per barrel. Converse Greenhouses, Webster, Mass.

If you read these advs. others would read yours.

PAINT.

Hammond's Greenhouse White. B. Hammond, Fishkill-on-Hudson, N. Y.

POTS.

Red pots, Azalea pots, Bulb and Seed pans. Fern dishes, etc., also suitable for Boston ferns. 6-in., 40c per doz; 7-in., 70c per doz; 8-in., 90c per doz; 10-in., \$1.25 per doz.

Bulb and seed pans with rim, per 100: 6-in., \$2.75; 7-in., \$4.75; 8-in., \$5.25; 10-in., \$9.00; 12-in., \$10.50.

Fern dishes without rims, per 100: 5-in., \$3.25; 6-in., \$3.75; 7-in., \$4.75; 8-in., \$5.25.

Special prices on large quantities. No charge for packing.

C. C. POLL-WORTH CO., Milwaukee, Wis.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 218 and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., Incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 381-383 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard pots. Write for prices; we will surprise you. The Zigler Filter & Pottery Co., Toledo, Ohio.

Red Standard Pots. The best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Red pots. Sample pot and price list on application. C. C. Pollworth Co., Milwaukee, Wis.

Red Pots. Colesburg Pottery Co., Colesburg, Iowa.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10 bale lots, \$5.50. Send for sample bale. Z. K. Jewett & Co., St. Louis, Wis.

Freshly gathered and clean. Price as usual. H. R. Akers, Chatsworth, N. J.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Patent Co., Kingston, N. Y.

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WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysantheums, N. Y. Easily put on and easily taken off and are durable. Sample 100, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoo Bros., 226 North 3rd St., Brooklyn, N. Y.

DO NOT TRY UP roses or carnations until you have read our circular on wire. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 122 Fine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Av., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs, 235 East 21st St., New York.

Reed & Keller, 125 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

CATALOGUES AND PRICE LISTS.

Johnson & Stokes, 217 Market street, Philadelphia, autumn price list of choice bulbs, decorative plants and florists' seeds; Lager & Hurrell, Summit, N. J., price list of seedling orchids; Phoenix Nursery Co., Bloomington, Ill., price list of trees, plants, shrubs, greenhouse plants, etc.; Chicago Peony Farms, Joliet, Ill., descriptive price list of paeonies; Conard & Jones Co., West Grove, Pa., special trade list; Plant Seed Co., St. Louis, Mo., price list of bulbs, and a neat little booklet entitled "How to Grow Bulbs for Winter and Spring Flowers"; California Rose Co., Los Angeles, Cal., wholesale price list of field-grown roses on own roots; Williams & Sons Co., Batavia, Ill., wholesale list of florists' and nursery supplies.

A NATIONAL FLOWER.

In a communication to the Chicago Record-Herald Mr. A. B. Taylor, Fargo, N. D., suggests the adoption of the favorite flower of the late President McKinley—the carnation—as the national flower.

A PLAT of 65 acres of the battlefield of Kenesaw mountain has been purchased by the Kenesaw Memorial Association and is being transformed into a park. The association is composed of members of McCook's brigade, and it is attempting to induce the other brigades to buy the rest of the land and enlarge the park.

WAUSAUKEE, WIS.—A large tract of land has been conveyed to the village for park purposes. The larger part of it was a gift from the Bird & Wells Lumber Co.

HILLSDALE, MICH.—Wellington Hughes has his new greenhouses completed and the plants, etc., are now being removed to the new location.

PEORIA, ILL.—J. C. Murray is making fine displays of seeds at the various county fairs. His seed business is increasing rapidly.

Special Values in DECORATIVE PLANTS

Araucaria Excelsa.

Well established home grown plants of exceptional value, the best we have ever offered.

4-inch pots, 6 to 8 inches high, 2 to 3 tiers	.....	\$0.50	each
5 " " " " " " " " " " " "	.....	75	"
6 " " " " " " " " " " " "	.....	1.00	"
7 " " " " " " " " " " " "	.....	1.50	"
8 " " " " " " " " " " " "	.....	2.00	"

Araucaria Excelsa Glauca.

5-inch pots, 8 inches high, 2 tiers	.....	\$0.75	each
6 " " " " " " " " " " " "	.....	1.50	"

Dracaena Bruantii.

As hardy and useful as a Rubber Plant. A fine lot of 5-inch pots, 15 to 18 inches high

Each	Doz.
.....
.....
.....

Ficus Elastica.

4-inch pots, 10 to 12 inches high	.....	\$4.00	\$50.00
6 " " " " " " " " " " " "	.....	9.00	75.00

Pandanus Utilis.

An exceptionally fine lot of 3-in. pots, per 1000, \$70.00.....\$1.00 \$ 8.00

PALMS! PALMS! PALMS!

Areca Lutescens.

3-inch pots, 2 plants in pot, 10 to 12 inches high	.....	\$ 1.25	\$ 10.00
4 " " " " " " " " " " " "	.....	3.00	25.00
5 " " " " " " " " " " " "	.....	12.00	100.00
6 " " " " " " " " " " " "	.....	22.00	180.00

Cocos Weddelliana.

Cocos this season is again scarce. Our stock is in fine condition. We offer good 3-in. pots, 10 to 12 inches high, at \$2.50 per doz., \$30.00 per 100.

Kentia Belmoreana.

2 1/2-inch pots, 3 to 4 leaves, 8 inches high	.....	\$1.50	\$12.00
3 " " " " " " " " " " " "	.....	3.00	25.00
4 " " " " " " " " " " " "	.....	4.50	35.00
5 " " " " " " " " " " " "	.....	\$1.25	\$15.00
6 " " " " " " " " " " " "	.....	1.50	18.00
7 " " " " " " " " " " " "	.....	2.00	24.00
8 " " " " " " " " " " " "	.....	2.50	30.00

Phoenix Rupicola.

A fine lot of 4-inch pots of this most beautiful of all the Phoenix, just showing character, \$4.00 per dozen, \$30.00 per 100.

Kentia Forsteriana.

2 1/2-inch pots, 4 leaves, 8 to 10 inches high	.....	\$1.50	\$12.00
3 " " " " " " " " " " " "	.....	3.00	25.00
4 " " " " " " " " " " " "	.....	4.50	35.00
5 " " " " " " " " " " " "	.....	6.00	50.00
6 " " " " " " " " " " " "	.....	7.50	60.00
7 " " " " " " " " " " " "	.....	9.00	75.00
8 " " " " " " " " " " " "	.....	10.50	85.00
9 " " " " " " " " " " " "	.....	12.00	100.00
10 " " " " " " " " " " " "	.....	13.50	110.00

The KENTIAS offered above are strong, stocky plants, heavy of good color and perfect in every way.

Latania Borbonica.

4-inch pots, 4 to 5 leaves, 12 to 15 inches high	.....	\$2.50	\$20.00
5 " " " " " " " " " " " "	.....	3.00	25.00
6 " " " " " " " " " " " "	.....	3.50	30.00
7 " " " " " " " " " " " "	.....	4.00	35.00

Ferns.

Over half a million of all the leading varieties now ready for distribution, fine young stock.

Our selection of varieties.....\$3.50 per 100, \$30.00 per 1000

Our stock of **DECORATIVE PLANTS** is more complete than ever, and is fully described in our September Wholesale List. Our display at the recent meeting of the S. A. F. and O. H. was awarded the **SILVER CUP**, offered by the **Buñalo Florists' Club** for the **BEST AND MOST COMPLETE DI-PLAY**. We have a large stock of these plants and can duplicate any that were exhibited. Florists will do well in anticipating their wants, and placing orders now, while we have a full line of sizes, and while weather will permit shipments of nearly all lines of stock by freight at a low cost of transportation.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

Have a Look. SHAMROCK in the Lead!

It is the PLANT this time, however.....

GERANIUMS :

Per 100	.....
Silver Leaf, 2 1/2-inch	.....\$1.00
Mrs. Pollock, 2 1/2-inch	..... 4.00
Happy Thought, 2 1/2-inch	..... 4.00
Mars, 3 1/2-inch, bloom	..... 6.00
Mars, 2 1/2-inch, bloom	..... 4.00
Alyssum Double Giant, 2-inch	..... 3.00
Rooted Cuttings, standard varieties	..... 1.75
per 1000, \$15.00.	.....
Violets, 3-inch	..... 4.00
Forget-Me-Not—"Winner", 2 1/2-inch	..... 3.00
Cinerarias, fine plants	.....\$4.00 and 5.00
Dracaena, 2 1/2-inch	..... 5.00
Alyssum Double Giant, 2-inch	..... 3.00
Var. Stevia, 2-inch	..... 2.00
Coleus Verschaffeltii, 2-inch	..... 2.00
Vinca Var., R. Cuttings, per 1000, \$10.00	..... 1.25
Fuchsia, named, R. Cuttings	..... 1.50
Lemon Verbena, " "	..... 1.50
Begonia Rex, " "	..... 2.00
Vinca, 2 1/2-inch	..... \$2.00 and 2.50

Terms Cash or C. O. D.

GREENE & UNDERHILL, WATERLOO, N. Y.

The Florists' Manual

Is a book that you need in your business.

If you haven't a copy already, order one now.

We are offering nice little plants in 2 1/2-inch pots at \$5.00 per 100, ready November 1st. Purchase a few NOW. They will make nice plants by next March when you will need them.

PRIMULAS. We are still offering a fine strain of Primulas—Chinese and Obconica—strong stock in 2 1/2-inch pots, ready for 4-inch, at \$4.00 per 100.

VERBENAS. Stock Plants. Fall Stock. Cream of the Mammoth Varieties, including Beauty of Oxford, 2 1/2-inch, strong, \$4.00 per 100. Purchase a few of these NOW and don't depend on seed in spring.

BOSTON FERNS. S. MUIR, 3530 Michigan Ave., CHICAGO.
Fancy pot grown, 50c to \$3.50 each.
Mention The Review when you write.

Obconicas... PEONY ROOTS!

Great Bargain! At 1c per stem, as shown on clumps, this year's growth. Fall planting during September and October. Colors—rose, pink and red. Orders filled in rotation received.

BRANT & NOE, Forest Glen, CHICAGO, ILL.
Mention The Review when you write.

CASH JOS. H. CUNNINGHAM, Delaware, O.
Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL
For Particulars Address
JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.
Always mention The Florists' Review when writing advertisers.

Bouvardia Rosea Multiflora, Pink.

Strong plants from field, \$8.00 per 100. CASH.

CHARLES E. MEEHAN, Slocum and Musgrave Streets, Germantown, PHILADELPHIA, PA.
Mention The Review when you write.



LORRAINE BEGONIAS

.....We Offer in Prime Condition

BEGONIA GLOIRE DE LORRAINE.		BEGONIA PINK GLOIRE de LORRAINE	
2-inch pots.....	\$15 00 per 100	2-inch pots.....	\$15 00 per 100
5 " " " " " "	50 00 " "	3 " " " " " "	25 00 " "
6 " " " " " "	75 00 " "	6 " " " " " "	75 00 " "

BEGONIA GLOIRE DE LORRAINE "ERECTA COMPACTA."	
2-inch pots.....	\$15 00 per 100
6-inch pots.....	\$75 00 per 100

This special offer is made to reduce our stock to a certain limit of space which we can devote to this plant, and will be withdrawn as soon as reduced to this limit. Without a doubt, the demand for this, the most important and valuable of all winter flowering plants, will this season again be far in excess of the supplies now in sight.

While all the Lorraine Begonias are difficult plants to handle during the spring months, we know of no other soft wooded plant which grows so freely at this season of the year, and with the most ordinary facilities you will have no difficulty in successfully growing now, and flowering it at a handsome margin of profit for the holidays.

To give best results, the larger sizes, above three-inch, must be shipped in pots.

HENRY A. DREER, 714 Chestnut Street,
PHILADELPHIA, PA.

Mention The Review when you write.

OMAHA.

Trade has been fairly good during the past month. Flowers are now more plentiful, of better quality and bring a little better price.

The Nebraska Florists' Society held its annual meeting Sept. 26. The old officers were re-elected as follows: J. J. Hess, president; S. R. Faulkner, vice president; L. Henderson, secretary; S. B. Stewart, treasurer; G. Swoboda, Wm. Ellsworth and G. Sorenson, trustees.

Douglas County held its annual fair at Omaha, Sept. 14 to 21. Paul Floth, L. Henderson, E. C. Erling and Paul Paulson made fine plant exhibits. Paul Floth carried away most of the first premiums for plants; L. Henderson, the seconds for plants, and all the firsts for cut flowers and floral designs.

We had a heavy frost Sept. 18 which killed most of the outdoor stock.

There were not very many flowers sent from here to President McKinley's funeral on account of the distance, but there were many fine floral decorations seen in windows, the theaters, and in the churches at the memorial services.

Last Thursday night Omaha was visited by a heavy hail storm, which did some damage to the greenhouses of Faulkner, P. Floth, Arnold and some others.

The boys are still interested in bowling with a spirit to challenge Chicago or Milwaukee for a match game some time in the future. Following are the scores made at the alleys last Thursday evening:

	1.	2.	3.
P. E. Floth	166	136	140
J. J. Hess	126	148	163
S. R. Faulkner	129	140	132
L. Henderson	148	150	138
G. Swoboda	163	155	130
J. Eath	120	118	124
	L. H.	H.	

LAWRENCE, N. Y.—The first flower show of the Lawrence-Cedarhurst Horticultural Society will be held in Lawrence Hall on Friday afternoon and evening, Nov. 8. The society was organized by the gardeners employed by the wealthy property owners here and in Cedarhurst. The present officers are: President, John G. McNeill; vice president, Thomas Sanderson; secretary, Alexander McKenzie; treasurer, E. J. Horn.

Palms, Etc. STRONG, HARDY STOCK.

Areca Lutescens. 3 plants together: 4-in., 25c; 6-in., 75c and \$1.00; 8-in., \$2.00 and \$2.50. Extra large specimens, \$35.00.

Kentia Belmoreana. 4-in., 25c, 40c and 50c; 6-in., 75c and \$1.00; 8-in., \$2.00 3 plants together, bushy and handsome, 6-in., \$1.50; 7-in., \$2.00; 8-in., \$3.00 and \$3.50.

Kentia Forsteriana. 4-in., 35c and 40c; 6-in., 75c and \$1.00. 3 plants together, 8-in., \$3.00.

Lantana Borbonica. 4-in., 25c; 6-in., 50c and 75c; 10-in., \$3.00.

Dracaena Terminalis. Strong, 6-in., 50c and 75c.

Ficus Elastic. 4-in., 25c; 6-in., 50c and 75c.

Pandanus Utilis. 4-in., 20c; 5-in., 35c.

Pandanus Veitchii, Livistona Rotundifolia, Coeos Weddelliana, Dracyna Sandersoniana, etc., in popular sizes. Also a large stock of strong and healthy young plants, 2½ and 3-in. pots, of all kinds. Send for descriptive price list.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Walter Retzer & Co.

2045-59 North Halsted Street,
CHICAGO.

HEADQUARTERS
.....FOR PERFECT STOCK.

LATANIAS 7-inch, 7 to 9 leaves, \$9.00 per doz., \$70.00 per 100.

These palms cannot be excelled in quality or be duplicated for the money. Rush your orders along. First come, first served. Send for price list.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

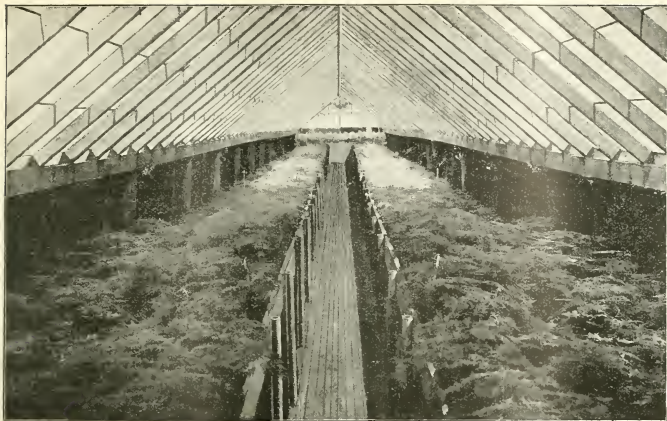
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| 5-in., " " " " 6-in. | 50.00 |
| Latania Borbonica. | |
| 4-in., strong, fit to shift in 5-in. | \$ 15.00 |
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| 6-in., " " " " 7-in. | 50.00 |
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8000 Carnations.

Fine healthy, bushy, well grown field plants, no buds on them. E. Crocker, Scott, Gomez, G. Lord, Mrs. Fisher, America, Joost, Red Wave, Snow Queen, Portia, Daybreak. 1st size, \$4.00; 2nd size, \$2.50. **Cash with order.**
I study to please every patron and pack carefully in light boxes. I guarantee entire satisfaction and high value for the money. We have three express companies—Adams, American and United States.

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- JOHN F. RUPP.** - - Shiremstown, Pa. The Home of Primroses.

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HARDY HERBACEOUS PERENNIALS.

Field-grown plants, as follows: Coreopsis Laeucolata, Gallardia Grand Aquilegia mixed; Aquilegia Chrysantha, Anemone, mixed, choice colors; Anemone Queen of the North, Hemerocallis Flava, Hardy Pinks, 5 varieties, \$3.00 per 100. **FANNIES**—extra fine strain, large blooming, ready about Sept. 20th, 50c per 100 by mail; \$4.00 per 100 by express. Cash with order please.

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| New Yellow Baby Primrose, 2 1/2-in. | 2.00 |
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| Kentia Forsteriana, 3-in. | 35.00 |
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ST. PAUL.

After a couple of months' silence I think it is just and proper that somebody should report on what the boys of our capital city are doing and saying.

Well, all houses are filled now and every one feels relieved in this direction except our dear, big and open-hearted Henry Puvogel, who is putting up an entirely new range of carnation houses on the corner of Grand avenue and Oxford street, right in the swellest residence part of this city. Having had trouble in employing carpenters, which are almost impossible to hire, his arrangements got all upside down and simply set him one month behind time. His new houses are not glazed yet, but will be this week. The plan is laid out fine—greenhouses, boiler room, office, and residence, all in a very economical way, combined.

E. F. Lemke's new great, grand carnation house was finished long ago and every plant in it looks fine and is in splendid condition.

Haugen & Swanson built a new boiler house, much enlarged and improved the houses all around, and will continue to grow violets exclusively.

C. Bussjaeger almost turned his whole place upside down, and it looks much improved.

Our retail storekeepers are now getting in their palms and ferns for winter trade and are trying to beat each other in making attractive displays. Holm & Olson, who do a good business almost all the year around, put in a tremendous lot of big and small Bostons and other ferns, palms, etc.

Mrs. O. Hierskorn, the best and lovelly looking florist's wife in the twin cities, looks now still better, since her most careful husband sent her out on the lake for two months. I hope that every storekeeper's wife gets the same treatment, which is well deserved after a year's toiling in a lively flower store.

The L. L. May greenhouses, under the management of Frank Gustavson, look fine. Roses, carnations and mums—everything looks clean and healthy, just the way it ought to.

Seeger was coining money this summer out of roses he planted early; he commenced to cut soon and sold thousands of roses very readily all summer, the hot spell killing all annuals, such as sweet peas, etc., only too quickly.

About Christmas we shall report again—until then—Greetyling Yours,
CHRIST, BUSSJAEGER.

BOSTON FERNS.

There is an advantage in potting up a batch of Boston fern runners now in 2½-inch pots. A few hundred will occupy little room and by spring they can be planted out in a bench of three inches of good open soil well enriched with rotted manure or bone meal, and if placed a fair distance apart will lay the foundation for your 4 to 6-inch pot plants, full of crowns and well rooted.

Such plants grown in good soil and kept going will make just the kind of plants you need for your trade, and are better than made-up plants or large lifted ones.
J. O. E.

FINE CARNATION PLANTS, Field Grown.

Crocker, Joost, Crane, Cloud, Armastody, Wood, Everston, \$4.50 per 100; \$1.25 per 100 in 500 lots.
POEHLMANN BROS. COMPANY, Morlon Grove, Cook Co., Ill.
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150,000 Field-Grown Carnations 6 Acres

Our carnations have grown very fast the last two weeks and are now as fine and healthy plants as we have ever sold. We have no stem rot, dead leaves or disease of any kind.

Ethel Crocker, 1st size, \$6.00 per 100; 2nd size, \$4.00 per 100.
Marquis, Genevieve Lord, 2nd size, \$4.00 per 100.

Triumph, Mrs. Fisher, C. H. Duhme, Melba, Mand Adams, Fortia, Meteor, Albertini, 1st size, \$5.00 per 100.

Triumph, Wm. Scott, Mrs. Fisher, C. H. Duhme, Buttercup, Jubilee, Melba, Daybreak, Meteor, Albertini, 2nd size, \$3.00 per 100.

QUEEN LOUISE,

\$12.00 per 100.....\$100.00 per 1000.

Reports coming in from our customers show that QUEEN LOUISE has equalled or surpassed in growth all the other varieties of carnations. It is the best WHITE Carnation grown. You will miss it if you do not plant it largely. Send in your order early.

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Field-Grown, Clean and Healthy.

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Hector, extra strong	8.00

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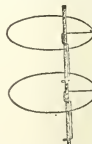
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G. L. GRANT, EDITOR AND MANAGER.

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Advertising rates: Per Inch, \$1.00; 1/4 page, \$15; full page, \$30. Discounts: 5 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

- American Rose Co., 537
Amling, E. C., 532
Baumard, W. W. & Co., 537
Bassett & Washburn, 532
Baur & Smith, 534
Bayersdorfer & Co., 538
Becker, W. C., 531
Benibay & Co., 538
Berger, H. H. & Co., 538
Berning, H. G., 533
Brant & Noe, 535-541
Brunkerhoff & Barnett, 538
Engraving Co., 538
Buckley Plant Co., 531
Burdon, J. A., 532
Burpee, W. Atlee & Co., 535
Caldwell The Woodsman Co., 533
Chicago Carnation Co., 545
Cincinnati Cut Flower Co., 532
Classified Advs., 334
Colfeish, J. W., 533
Cottage Gardens, 532
Crabb & Hunter, 532
Crawford Co., M., 531
Crown Fern Co., 538
Cunningham, Jos. H., 531
Dierck, A. & Co., 537
Diller, Caskey & Co., 536
Dillon, J. L., 534
Dreier, P. & S., 535
Dreier, H. A., 531-531
Dutton, Chas. S., 532
Ellis, F. M., 532
Euler, John G., Sec'y, 361
Garland, Frank, 533
Garland, Geo. M., 533
Gardner, Sigmond, 538
Giblin & Co., 535
Grave, E. T., 535
Greenhouse Material Co., 531-532
Hall, W. E., 534
Hancock, Ben., 537
Hancock Geo. & Son, 535
Hanna Park Floral Co., 538
Haseoek Jos., 535
Hend, Jos., 531
Hesse, E. B., 538
Herrmann, A., 538
Hill Co., E. G., 533
Hoyard, E., 537
Hitchings & Co., 534-535-538
Holtz & Hunkel Co., 533-535
Hunt, E. H., 532
Irene Bros., 535
Johnson & Stokes, 549
Kastner, W. F., 531
Keller Bros., 536
Kelllogg, Geo. M., 533
Kentwood Foundry & Machine Co., 537

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3 ft. x 6 ft. 3 rows 10-inch glass
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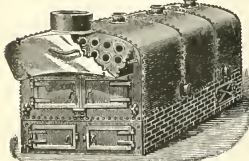
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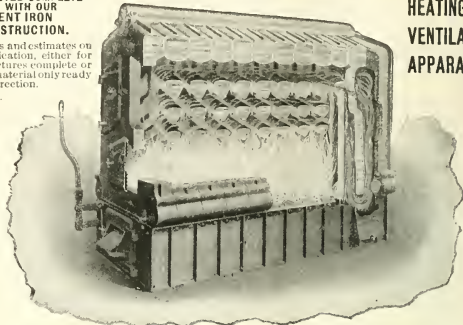
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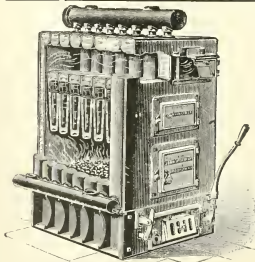


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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, OCTOBER 10, 1901.

No. 202.

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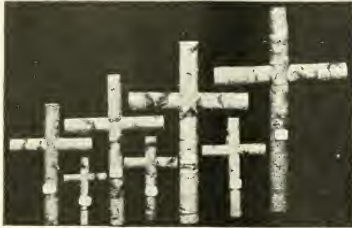
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THE RETAIL FLORIST.....

Odds and Ends.

What we consider as the special duty of retailers the coming season is to do all in their power to make successes of the several flower shows to be held throughout the country. It is too sadly apparent that but a very small percentage of American floral exhibitions are successful financially or otherwise, because they are not supported and made at least artistic by the retail florists. It is only the few who are often classed as "cranks" that sacrifice much to keep floriculture thus before the public. To be sure exception in many cases may justly be taken against the system and manner of judging artistic work; this no doubt prevents many retailers from entering into shows, and no sane person can blame them. In our humble opinion only men of national reputation should be asked to pass upon the work displayed at the principal shows, and whilst a man may know what a good plant is, that man may be utterly incompetent to judge "made up" work.

But apart from the competition exhibitions, no matter how small or isolated the place, these shows afford the retailer splendid opportunities to advertise his business and here let us remark that no matter how prominent the man or his business, he needs to keep himself before the public as much as possible and he cannot do this in a more beneficial way to himself than showing them what he is capable of doing artistically.

We would in many senses appeal to the retailers to show a little more public spiritedness: don't permit flower shows to be discontinued because you cannot all get prizes. The average flower buyer, aye, your own customers, appreciate good work whether it wins or loses. A judge's decision may or may not help to defray your expenses, but it may not necessarily affect your trade. Exhibitions are failures because their artistic qualities are not of sufficient high standard to appeal to the general public. Sugar-loafed mounds of plants and regiments of bottled flowers are not attractive enough; there must be more novelty—more idealism displayed, and this is where the retailers can excel. If it were only to duplicate what you have made for the late president's funeral and label it so, or a set of bouquets, or table decoration, or a lesson in arranging plants, do something, for flower shows are of great value to the trade in general and every one at some time must be something above the common salesman. Show some heart and soul and contribute to the floral exhibition in your locality.

We have recently been asked by an extensive grower of bulbs as to the advisability of offering mixed tulips in pans and boxes next Easter. We are of opinion that pans or boxes of tulips or hyacinths containing two good colors will sell well providing they have quality also, and it will not be either

wise or artistic to mix the colors in checkerboard fashion. Yellow and white, white and blue, pink and yellow, pink and white—well the combinations can be extended to all the varieties you may have, but they must be grouped. We think that baskets of mixed bulbs such as tulips, hyacinths, narcissus, valley, etc., will sell well in many places if they are put up nicely; the trouble is that they would have to be arranged when showing color. There are many people who would appreciate baskets or pans of mixed growing bulbous flowers and it needs variety to show off store stock. Don't go to excess in crepe paper

—over, and there are reasons to justify them in being so.

If you want to do specially good work with chrysanthemums, you had better use the incurved types, but there is a class—the pompons—which are by far the most suitable for extra critical work. By pompons we don't mean the ruff-ruff puny things grown out of doors, but those grown under glass with as much care as other kinds. If you intend to decorate a table for a show try and get some of these flowers, and use very fine bronzed tips of *Ampelopsis Veitchii* or Japan maple—but we will leave these flowers for another time.

Speaking of exhibition work, though, reminds us that we should put up some small *Rosa Wichuraiana* and put them indoors to use as foliage later on. We venture to say that we could fix a table with hybrid *Rosa Wichuraiana* foliage and some small rose such as the Cherokee or Rambler, that would push your large roses and fancy greens and ribbons very hard. Put a few plants in pots anyhow, or get your grower to do it for you; they will be valuable to you



Wreath with Bar. Arranged by Mr. C. W. McConahy, Van Wert, O.

trimmings, use some Porto Rican mats and inexpensive but good colored small baskets.

You will all soon be surrounded by an army of chrysanthemums. Some of the principal florists intend to handle just as few as they can, simply because they become very common stock. The street fakirs can in a while offer the same quality of flowers as you for half or one third the price. The best thing for any first class florist is to display and push the uncommon or extra high grade. Of course no florist can altogether ignore the chrysanthemum; it is a most valuable flower and will always be plentiful on the market, yet the majority of retailers are always glad to see their sea-

son for fine work, be it vase or basket or mantel.

Get posted on where you can get good pot grown ivy; you will soon need plenty of them. Small *Araucaria excelsa* are going to be pushed this winter, many growers are buying quantities of them. Now they will "go" at Christmas if put in crimson pots and tied with bow of ribbon. It should now be remembered by growers that there is a continuous demand during the winter for good rose geranium and lemon verberna foliage, so much so that many could make a specialty of their culture and make more money than they now do. The trouble is, as with everything else, there is an occasional glut or over anxiety to get

rid of stock and crops are allowed to go out. Many a grower is now shipping rose geranium to the market that is too rough to use with even dahlias. Clean greenhouse grown stock is what is wanted and preparations should now be made to supply the certain demand from November to May.

It seems a great pity that we see so little of the finer varieties of cosmos in the east; they are beautiful flowers and quite a lot could be used could they be had. So far dahlias have been a failure this season in New York; growers seem to have but the poorest varieties hereabouts, at least Philadelphia is supplying New York with the best dahlias at present. There is a market here for good whites and cactus sorts.

If you can get any good pots of mignonette in during the winter they will sell; need not be the big cabbagey kinds, just the old sweet varieties that we can make up enticing mignonette baskets with. *Jasminum gracillimum* flowers will be fine with red roses. A spray in any box of flowers, or for finger bowls later on, and don't forget

preciously upon it and be seared away from a more liberal or steady purchase.

Orchids can never be used or rated as common flowers; they are too beautifully erratic for that; they will not tolerate rough usage, and 'tis a pity to see them arrayed against gladiolus or dahlias. They would be more appreciated by the best classes were they kept a little steadier on the market. Crops cannot always be regulated, we know, but if you cannot get 25 cents wholesale for them keep them off the market.

Some very beautiful window displays are now being made with *Cattleya labiata*, and *Oncidium varicosum*, arranged in separate windows of course. Thorley had 500 cattleyas in his window one day last week, and other tip-top florists shoved most creditable creations in basket or other designs of them. We have just seen some pot-grown bushes of *Crataegus pyracantha* full of brilliant berries, and the thought occurred to us how useful they would be should they be got so at Christmas; they would need to be protected against birds, but they're pretty and might be worth going for.

good big vase full for your window.

Some growers are offering 4 and 5-inch pot stock of that hardest of all forms, *Potamoium tabacum*; it is nothing for temporary decorative purposes, but it is invaluable for "pocket work" in conservatories or in places where it is difficult to keep plants; it is fine for vase or window box work and you can afford to be well acquainted with it.

Keep your eye on where you can get plenty of nice small Cocos Weddelliana, crotons, *Draenaena gracilis*, kentias, *Pandanus Veitchii*, variegated cyperus, *Draenaena Godseffiana*, D. *Sanderiana*, *Abutilons Savitzi* and *Souv. de Bonn* and other graceful or high colored stock; you will need them for fern dishes or basket work. A day spent out in the nursery or among general plant growers is time well spent, providing you make notes of things, and if you don't always see what you want, give the grower some idea of what is likely to sell well. There are many cases where growers have lots of valuable stock that could be used to advantage were grower and retailer on closer visiting relations.

He is a foolish buyer who will place too much dependence on size of pot when buying plants; size of pot may be all very good when you want to fit basket or vase, but quality in plant comes before size of pot all the time. Put quite a few of your azaleas in the azalea pot this year; they are better to trim, and small size plants are going to be useful for many purposes. The future tendency in decorative work is a greater use of flowering plants, of which fine colored azaleas will form no little part.

If you happen to get a chance to do any decorating for some of the affairs to be tendered Sir Thomas Lipton there will be no harm in suggesting the use of shamrocks; you will find them offered in the classified ads. of THE REVIEW. We often read that section to get ideas; it is always most interesting.

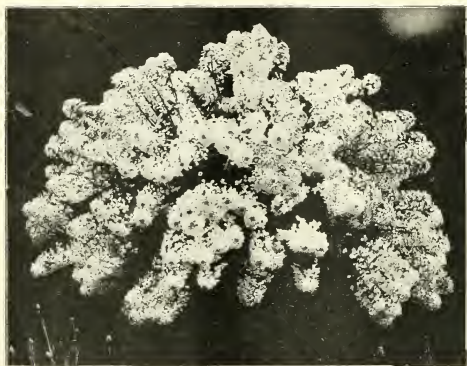
I. VERA.

CARNATION NOTES.

Snails.

Replying to the inquiry of W. S. C., who says snails are feeding on his carnation flowers, we have never found a better way of getting rid of snails than to catch them by hand and destroy them. They usually do their mischief at night and with the aid of a lantern there is no trouble in catching them. Have your fireman go through the carnation houses and catch them during these mild nights when not much steam is needed, and if he is faithful it will not take him long to rid the place of the pest. We do not like to use poisonous insecticides on plants that are in full crop, as more or less is sure to get onto and stick to the blooms when they are sent onto the market, and it might possibly in some way prove what some people say about poisonous insecticides being used by the florists and the great danger they think there is in bandling them. Such reports do our business a great deal of harm and we must be very careful to give no ground for them. Of course all open blooms would be picked before applying the insecticide, but while a crop is on there are always a lot of partially developed blooms which would catch a lot of it and retain it until they are marketed.

We know of nothing that snails are more fond of than they are of the young,



Specimen Spikes of Candytuft grown by Wm. Sim, Cliftondale, Mass.

it, *Rhynchospermum jasmynioides* is the next best thing, but its foliage is too clumsy and usually unclear.

If you can get a few pots of the best colored caladiums (they don't cost much, or you might hire them), you can make quite a showing with them in your window; they are very attractive when used in conjunction with fine ferns.

Just at present there seems to be an immense quantity of cattleya blooms on the market; some have been sold, we are told, for as low as \$12 per 100—more's the pity if it is true. It would be better for the future of this class of flowers if a steady price were maintained on them; they should not be wholesaled for less than 25 cents, and they should never reach 75 cents. It seems bad policy to be compelled to charge your customer \$1 or \$1.25 for a cattleya one month and sell him a much finer cattleya the very next month for 50 cents; the supply and demand sort of excuse may go with some, but the regular buyer is apt to look sus-

pectantly upon it and be seared away from a more liberal or steady purchase. Speaking of cutting up plants for funeral work reminds us that there is too much antipathy toward cutting up such as *Cocos Weddelliana*, phenix, etc., for use in funeral work. It is often, the case that you have defective plants around you that you could get value out of were you to use their leaves in large designs; often a leaf will add dollars to the value of a design where it isn't worth cents for ought else.

Salvia is beautiful at present; get a



House of Candytuft Grown by Wm. Sim, Cliftondale, Mass.

tender petals of a carnation bud, and no bait that we know of would lure them away while young carnation buds are to be had. Two things that they do hate, however, are salt and lime, and if we find them bothering a box of seedlings of one kind or another we sprinkle a layer of salt or lime around the box and no snail ever crosses it. Dusting lime over the plants might help to keep them off, and perhaps spraying with brine would help some, but we prefer catching them and giving them a good tight squeeze between the sole of our shoe and the ground.

Other Pests.

While we are on the subject let us have a word about keeping the carnation plants free from insects in general. Sometimes we have some trouble with sow bugs and for those we know of nothing better than sugar and paris green, a little of it dropped here and there on the edgeboard of the bench. Mix in enough paris green to color the sugar well, and mix thoroughly, leaving it stand several hours before using, so the sugar will absorb the poison. They feed mostly at night and bury themselves in the soil during the day, but you can easily see where they are the thickest by the way the lower foliage is eaten away. They seem to prefer the harder growth.

Thrip is a small fellow, but he can do you an immense amount of damage if he is allowed to get a foothold. We are never bothered by them until toward spring when the weather is warm. The first sign usually is a brown edge on the white blooms, and if he is not fought at once the blooms will come crippled and shriveled up without opening up right. Tobacco in various forms is the remedy, but it takes a lot of it to exterminate them, as they get way into the buds where no smoke or liquid can ever penetrate and you must depend on catching him outside. Fumigate and spray with

liquid regularly for a week or two or until you know you are rid of them all.

Greenfly or aphid is such a common pest that every grower has one way or another of combating them. The commonest way, and while there are no blooms perhaps the cheapest way, is to burn tobacco stems and fill the house with smoke. This must not be done, however, when a crop is on, as it takes the color out of the blooms and the blooms will retain the burnt tobacco odor for a day or two afterward. There are many preparations on the market which are very effective and if used carefully they are moderate in price. The cheapest way we have found so far for those who can buy tobacco stems as cheaply as we can is to put about 6 to 8 barrels of stems to a 100x20 foot house, under the benches (on boards to keep them dry). Fumigate in the fall to get your plants clean and after that you will find that the stems will throw off enough nicotine to keep them free from greenfly, and thrips, too. Last year we found it necessary to fumigate not more than three times in any of the houses, and in some not once, from October 1 until the next June. An occasional turning over and a light sprinkle will keep the stems active.

Last winter I was visiting at a place that is famous for its carnations, and the grower told me of the trouble he had in keeping down aphid, and he showed me a bench that was alive with them at the time. It did not take more than a glance around to see the best way that any man could ask for to keep them down. The houses were built without partition wall between them and had walks next to the gutter and the hot water pipes were hung on the gutter posts, four or five on each side and about 3 inches apart. To fill between these pipes with tobacco stems would be an easy matter and the heat from the water pipes would send out enough vapor to keep any carnation free from

aphid. The stems would likely dry out and need to be changed every month or six weeks on account of the heat, but that would not be much of a job.

Last winter during a long cold spell when the ground remained frozen we had some trouble with mice in our carnation houses. They would gnaw through the flower stems about two inches below the bloom and then eat out the seed pod, leaving the balance lay to show what they had done. We tried everything we could think of in the way of home-made rat poisons, but all in vain until we tried a preparation called "Stearn's Electric Paste." That seemed to be too much for them and in a few days we were rid of them.

A. F. J. BAUR.

CANDYTUFT.

I see in a recent issue of THE REVIEW that a correspondent, in reply to "Iris," says it will never pay to force candytuft. I take an entirely different view of it. I have been forcing candytuft for the last six years, and I consider it the best paying crop I raise.

There are, however, a great many varieties of candytuft on the market, and it is next to impossible to get any that is good for forcing. I have worked up my own strain, and find no trouble whatever in forcing it. I enclose a photo of one of my houses of candytuft, taken last May, and from which 800 bunches were cut for Memorial Day, and from which violets were picked up to April 6. Notwithstanding the cloudy weather we had, it was along and fit to cut ten days before Memorial Day.

I also enclose a photo of twenty-five spikes of my candytuft, which was awarded a certificate of merit by the Massachusetts Horticultural Society in 1900. An idea of the size of it may be had when I state that it measured six feet from tip to tip. WILLIAM SIM, Cliftondale, Mass.

MISCELLANEOUS SEASONABLE HINTS.



Acalyphas—Abutilons.

I hope you got everything lifted or propagated before the frost came, but in many parts of the country no frost has yet troubled the florist. There is one bedding plant we are going to discard, and that is *Achyranthus*. There are so many better things for an edging to a canna bed. The acalyphas are splendid, and a border this year which is magnificent round a large block of Tarrytown canna is *Abutilon Savitzi*. You can lift plants of this splendid abutilon, cut them back some and keep in a temperature of 50 until February; then give it more heat and begin to propagate. I find that if you don't want large plants of acalypha for decorating purposes you can lift the old plants from the beds (even if they are touched with frost, but not hurt) and just lay them in flats under the benches with their roots covered with moist earth. They will want no watering unless it is a dry house and will remain in this condition until February, when they can be brought up, cut back some and started growing. The old plants will make splendid stock for a sub-tropical bed and give you plenty of cuttings for young stock.

Cannas.

Everyone ought to know how to take care of canna roots but there is frequently a failure, and like many other things it is called "bad luck." But there is not much luck about gardening. When a hail storm comes and breaks all your glass that is bad luck, but when you allow your canna roots to rot because they are in the wrong place, that's not luck. For some years I have found the very best place for the cannas was beneath a carnation bench. Cut off the tops within a few inches above the ground, and if it's fine weather, no harm after you have shaken off the earth to let them remain out of doors in the sun for a couple of days, then remove them to the house, but don't put them on the earth or they will start growing again, which will spoil a lot of them. Place some old boards on the earth and on these place the roots. Another thing, look out for drip. There should be very little drip from a carnation bench until toward spring and then you have got the cannas out. If there is any place where the drip comes through remove the canna roots, for a continuous drip on them will rot them.

Alternantheras.

If you did not propagate alternanthera in the summer as I have frequently suggested during the month of August, you can lift a lot of the old plants now and plant them in flats as thick as you like. The principal thing about keeping alternanthera, especially the best of all, *paronychioides major*, is to keep them warm and dry. I don't mean absolutely dry, but on the dry side. The cooler the house the less water they want. You don't want them

to grow, you just want them to exist during winter, or until next March, when they are torn to pieces and every portion of the plant will rot.

Azaleas.

The azaleas will soon arrive from Belgium. These are a very important plant now with the florist, not only at Easter but throughout the winter. There is a good demand for a well flowered azalea and for winter decorations they are largely used. Time was when we considered it about as cheap to throw away the unsold azaleas in the spring as to summer them over, but we are of a very different opinion now and for several years the kept over azaleas have been much our best plants, particularly the following Easter. Their care during the summer has often been written up. I will just say now that they should never be exposed to any frost. And remember that these azalea plants that you have kept over are not the ones to force. That may seem strange, but the freshly imported plants force much easier. The plants that you have summered over should be kept in a very cool house and will with little trouble come in at Easter in great perfection.

All dispatch should be used in getting your azaleas unpacked. You can reduce the size of the ball quite a little without doing the slightest harm to the plant, and to accommodate the hall of roots that they often have would need such a pot that the plant would look unsightly and over potted. The great majority of our plants should be in 6, 7 or 8-inch pots. As soon as you have chopped off what roots are necessary you should dip the ball a few minutes in a tub of water. This is most essential because if potted as they arrive all the watering you can give them will never penetrate to all the roots and I have seen hundreds die and the importer or dealer be blamed, but it was no fault of his; it was simply that the plants were drying to death. For a few days after being potted put them in a rather shady, cool house. In two weeks after potting select those you want for Christmas. Simon Mardner for a red; *Verveaenea*, the beautiful variegated; and the best of all for a forcing white is *Deutsche Perle*.

If you grow any of the acacias you will now be bringing them into the house and also the Bottle Brush plant. These want to be kept like the azaleas, very cool during winter.

Hydrangeas.

Don't be afraid of a little frost on your hydrangeas but keep them as much as possible away from the heavy rains. It is time they were ripening up. They will force all the better if they are given two or three weeks almost complete rest.

Crimson Ramblers.

The Crimson Rambler roses will do yet for a long time out of doors. The greatest danger now is that we may

have a warm spell with much rain and in that case they are liable to break at the strongest eyes, so the plants are better now laid down. You want them to ripen their wood thoroughly. If you think they are too long without water it is not a great job to raise them up and give them one watering, but be sure and not let them get any warm rains, which we may have yet this fall. When most successful with these pot grown Ramblers we left them fully exposed until the middle of November and then by that time they were thoroughly ripe; then for a few weeks we covered them with glass. That was just to keep them from severe freezing.

I have not yet been successful in forcing Ramblers from field grown plants, but as others have I have nothing to say against that method. If you have them on your own place it is all right. The middle of November is plenty of time to lift them. They should be as little exposed to dryness and draught as possible. They must be lifted, potted immediately and the wood kept plump. Under these conditions you can have success, but when once dried out with me they have been useless, and that seems unavoidable with a railroad journey.

Carnations.

For fear some one else should forget to tell you, you ought now to put in a good batch of carnation cuttings at once. They will root easily with or without bottom heat, but a little bottom heat helps a good deal. If these plants are grown along in a cool, light house during winter, shifted from a two to a three and again to a four, and stopped once or twice, they will make fine plants to sell to your customers next May.

We find an increasing demand for these carnation plants. People are getting fond of their gardens, not so much for the display it makes as for the real love of flowers, and what can be better than carnations for them? If I were going to select half a dozen for this purpose I would put Mrs. Lawson as one of the very best, and the old variety William Scott; Crane for scarlet, although if you still grow *Portia* it is a magnificent variety out of doors. *Evelina* is one of the very best out of doors. Another good white would be *Flora Hill*. A great variety is not necessary and I don't know but what many other varieties are good for the purpose.

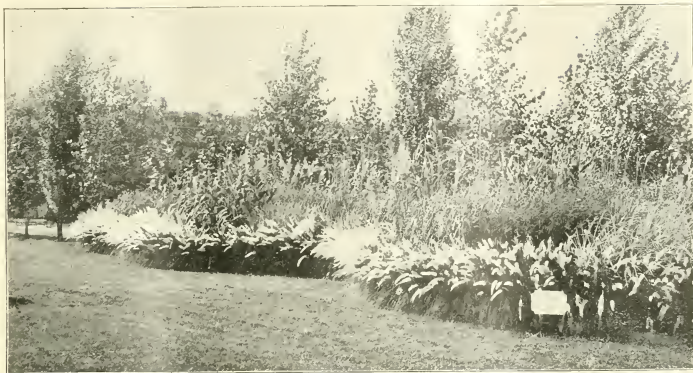
WILLIAM SCOTT.

ROSE NOTES.

Watering and Ventilating.

A good material to place young stock plants on is coal ashes, passed through a half-inch screen, and spread on the bench to the depth of an inch. Worms do not like it and it is not so liable to shift with watering nor get so muddy as sand does.

Watering and ventilating now play an important part and the grower who becomes neglectful at this stage is laying up many troubles for himself in the future. Every individual plant ought to get its full complement of water. The rows nearest the edges of the bench dry out much sooner than the others, and will require a second or even a third going over before they are properly watered. This can only be determined by



Bed of Grasses at the Pan-American Exposition. Exhibit of Henry A. Dreer.

turning them out of the pot and examining the ball.

Ventilating ought to be strictly attended to. When the weather will permit a small crack kept on all night keeps the air sweet and healthy and gives the foliage a hardness that cannot otherwise be obtained; it also prevents moisture from condensing on the leaves. It is false economy to shut down tight to save a few loads of coal. In the morning the ventilation ought to be increased gradually as the day warms and reduced with the same care in the afternoon.

Mildew.

Any sudden change of temperature is detrimental to the rose, causing a check to the growth which makes them very susceptible to the attacks of disease and other pests, one of the first to show up under such conditions being mildew. This vegetable parasite (the germs of which are ever present in the house and ready to embrace the first favorable condition to germinate) appears in the form of a minute fungus, the filaments of which penetrate the pores of the leaves, interrupting respiration and robbing the plant of its juices; if not checked in its first stage it soon creates havoc with the foliage, ending in the ruin of the plant.

A dusting of flowers of sulphur is a good preventive; this is applied by blowing on with a bellows. The best instrument I have seen for this purpose is McMichael's Peerless blower; it distributes evenly and expeditiously. But the best preventive is to induce a good, vigorous growth by giving proper attention to ventilating and watering, stock of this quality in an ordinary tight house being nearly immune.

If once mildew has got a hold in a house dusting has little or no effect in checking its ravages. Fumes of sulphur properly applied will soon remedy the evil. Two parts of sulphur and one part air slacked lime mixed with water to the consistency of paint and put on the heating pipes at distances of a yard or so apart, and the house shut tight for an hour and a half during the coldest part of the night; this done once or twice

a week will soon stop it. If steam is used it should not be put on the hottest pipes as the sulphur will fuse; the return pipe will generally raise all the fumes necessary.

Sulphur is sometimes mixed with linseed oil and painted on the pipes. This is a permanent and easier way of having fumes in the house, but this practice cannot be too strongly condemned. Apart from the disagreeable smell raised in the house the oil retains the sulphur too long, giving off fumes every time the pipes are heated, and as sulphur fumes are very destructive to plant life, no rose can long retain its health under such conditions.

Careful examination of stock every day being a most important duty, every young grower ought to cultivate the habit of close observation. It will save him many an hour's hard work and worry, as trouble detected in its earliest stages is so much easier to contend with. Red spider and green fly will be sure to put in an appearance and if not detected and exterminated will soon give lots of trouble.

RIBES.

PAN-AMERICAN EXPOSITION.

The grass bed now illustrated is the exhibit of Henry A. Dreer. It is of an irregular shape, about 100 feet long. For the past two months it has been extremely handsome and much admired. It seems to me that in large grounds you cannot very well overdo it with these beautiful grasses and if constantly before the eye they are a relief to our more showy or gaudy colored flowers. They are, of course, more suited as a background than in the center of a lawn.

This bed, as will be seen, is near a path which borders the canal. They were all planted this spring about the last week in May. The outer row is pennisetum. There are clumps of *Eulalia japonica variegata*, *Eulalia japonica zebra*, *Eulalia gracillimum univata*, *Arundo donax* and *Arundo donax variegata*, *Erianthus ravennae* (often called American Pampas grass). They were

planted under the direction of Mr. J. D. Eisele, and the effect is most pleasing.

The aquatic basin here illustrated has been a success. It is situated immediately south of the Liberal Arts Building, a portion of which is seen in the background. The basin is 120 feet in diameter. In the photograph there was no chance to include all of it. Great difficulty was encountered up to the first of July. On four occasions we found the basin dry, and only saved the growing nymphs by the use of a wagon load of Florida moss, which was thrown over the plants, and the men were kept with a hose keeping the moss damp. The last time this occurred the nymphs had made considerable growth, and it was a sad setback for the plants. From early in July the basin has not leaked more than one inch in twenty-four hours, so very little water is needed to keep it up to the proper level.

Through July, August and September the temperature of the water was 70 to 73 degrees. There is three feet of water from the bottom to the overflow. The boxes containing the plants were made eight feet square and fifteen inches deep. This left nearly two feet of water above the surface of the soil. The nelumbiums are planted in brick basins, irregular ovals. That was done to keep the roots from spreading beyond their allotted bounds. Each box of nymphs contained from eight to twelve plants, according to the strength of their growth. We have often counted fifty open flowers on some of the groups. On account of so much cold water having to be put into the basin, the nelumbiums were very slow to flower, but during the month of September they flowered profusely.

Before I mention the varieties contained in this beautiful group I would like to say that had I been consulted I could have suggested a much cheaper way of making the lily basins. For instance, excavate but fifteen inches, and then where each group of nymphs were to be planted excavate another fifteen inches and fill in with the compost. In this case the material from the ex-

cavations was needed, but in most cases it would be a useless expense, and much more convenient to work amongst than having such a depth of water.

Although as a boy I had considerable experience with the Victoria regia, many years elapsed without any experience with any aquatic plants, and I obeyed the instructions of that king of aquatics and author of the water garden, William Tricker, manager of this department for Henry A. Dreer. The whole exhibit was carried out under his instructions and planting plan furnished by him. We believe could we have started out in the middle of May, or even the first of June, with a full tank of water and little need of any large amount of cold water to keep it full, the success would have been much greater. As it is, I can say on the highest authority that it is the choicest and most varied collection of nymphs ever brought together. As will be noticed by the names, many of them are Mr. Tricker's own American hybrids:

Nymphaea gloriosa,
" James Brydon,
" William Falconer,
" Gladstoniana,
" Marliacea albidia,
" Richardsonia,
" chromatella,
" sulphurea,
" sulphurea grandiflora,
" Andreaea,
" fulva,
" Aurora,
" lucida,
" Robinsonia,
" Marliacea rosea,
" Luciana,
" L. lilacea,
" William Doogue,
" punctata,
" purpurea,
" Marliacea flammea,
" Marliacea ignea,
Nelumbium Strimman,
" pekimensis,
" speciosum.

WILLIAM SCOTT.

THE HANDLING OF CUT FLOWERS AS RECEIVED FROM THE GROWER.

BY WALTER S. HEPBURN.

(Read before the Chicago Florists' Club, Oct. 3.)

Cut Flowers: Embracing under this head, as this term does to one in the trade, everything from the daintiest orchid down through the best to the coarsest of garden and wild flowers, including everything in "greens" from adiantum to wild smlax: The subject of proper handling becomes complex as well as important.

It is not necessary for me to go into the question of the proper procedure, i. e., the detail of handling stock. As I take it that point is not the vital one just now. I could only tell you of some of my methods and they might differ widely from those of others, who are probably just as successful.

For every variety of flower sent to market we undoubtedly have a counter-part in a separate species of "grower." The average grower is too strong to pack flowers, besides he is too busy, any time he has to spare can be better employed in figuring up how much he ought to get for them. As a result it is no use to attempt to lay down any cast-iron rules for the treatment of stock when received, as no two lots of the same

sort of flowers, grown under the same conditions, cut, packed and shipped at or about the same time, ever reached the sales counters in a uniform state.

We have to take them as they come and make the best of them. Sort, arrange; by handling raise the grade to the highest point possible and display to best advantage. Selling—well that is not under consideration at present—it is no trick to sell. Where the money comes in though is knowing *when not to sell*. The first man to get this one thing down right is the one who will be first, hands down, with no second.

In a wholesale house the supposedly principal object in the handling of cut flowers is to present the stock to the buyer in such a state as will realize the greatest amount of money for it when sold. This is true in a sense only. To follow this principle throughout would be to have to depend in a short time on a strictly transient trade. In nothing are appearances more deceitful than in flowers. No one knows their true condition unless he knows their full history.

Buyers are, roughly speaking, divided into two classes: the local and the out-of-town. For the out-of-town buyer, the one who does not see the stock before buying, but who relies entirely upon the ability and honesty of purpose of the wholesaler, the stock must be cared for as will best preserve its beauty, fragrance if any, and keeping qualities. For the local (the one who will help you open a consignment and then ask you, "Are they fresh?") the stock has to be offered in condition to suit the buyer. There was a time when the local buyer got better stock as a rule, than he does today. That was when he placed his order more often in advance and relied more on the word of the dealer.

It has been proven over and over again in all lines of mercantile business, that the merchant who attempts to sell the lines and qualities he thinks his customers *ought* to buy is quickly distanced by his competitor who offers what they want and as they want it. The theory, or principle, is applied to the handling of cut flowers, but don't forget: It is only where diamond cuts diamond, it is never so applied when it is up to you to furnish an agreed article. Suppose a buyer comes in daily and wants a hundred Mails and to be sure that they are fresh the only evidence he needs is that they should be out of water, would you if possible, keep some out waiting for him, or have them out if already in—if you saw him coming—or would you ask him to sit down until you were not busy so that you could point out to him the benefits of an early morning drink, to flowers as well as to—horses? What would you do? I rather think that after a few trials at argument, if necessary, you would get down early mornings and have a bunch wrapped up with a hot water bottle all ready and waiting if you couldn't get dry stemmed stock any other way—I would.

Now this buyer is not altogether wrong either. His idea is good. I have just made the statement that no one knows the quality of stock unless he knows its whole history. That is the keynote of this buyer's actions. He wants fresh stock even if wilted and is willing to do his own doctoring. The only trouble is he carries it too far and overdoes it. So it goes. Buyers must have stock presented

to them as they want it—and they get it. A friend of mine would take his grocer's word on the fresh egg question, so he goes down town, pays a fancy price for eggs, each with a date mark stamped on the shell. I happen to know that the particular dealer he patronizes only pays thirty-five cents for a stamp and that it lasts a long while. Now whose fault is it? Both are satisfied. Coming back to flowers again, it was explained to me that I was asked to tell for the benefit of the local retailer something of how flowers are handled in a commission house, *not how they should be*.

The amount of stock properly handled in each house varies with the nature and extent of its business. Every house handles a part of its receipts, the proportion varying in each, according to approved methods, and a part suffers—but in reality not at a loss to the grower, the loss is the buyer's, but it's his own money he is spending.

As to a remedy? It is a question to my mind whether it can ever be remedied in whole. It is a tendency of the times to cheapen the cost of everything. Hammer down the buying price, hammer it down, let quality go but get the price down. Get something for nothing if possible. One and all, each and every-one, straining and striving by hook and by crook if necessary to get more than they are paying for. You are going to get what you pay for if you are lucky, and no more. It costs something to grow good stock, it costs something to handle it rightly. Where the retailer suffers he can remedy it himself, either alone or in combination with others.

Let the local retailer place himself more on the footing of the outside buyer. Depend on the salesman and the firm more. Put them on honor and don't trust quite so much to yourself. If disappointed try elsewhere. It wouldn't take long until most wholesalers would see the handwriting on the wall and would take steps toward seeing that all stock without exception was treated as it should be.

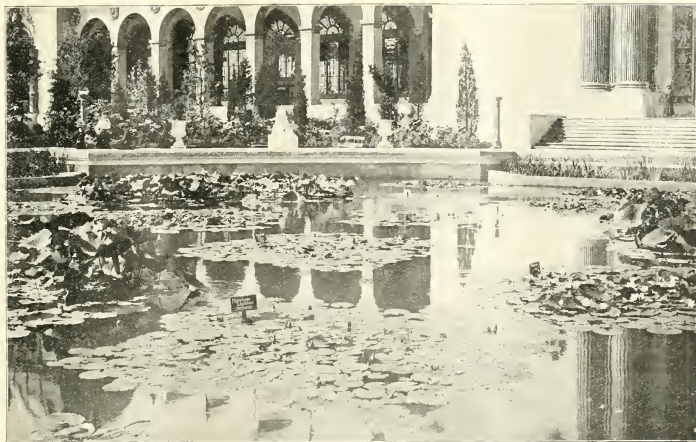
When the retailers of this town get over the notion that they have to go through a formula like this every time before they buy: "When did these come on?" "How long have you had them in water?" "Haven't you any fresher stock?" or "I don't want any," or "Put them back; you've had these for three days at least. I wouldn't take that stale stuff for a gift." When they get over this, I say, they will have made the first step toward the improvement in stock as it comes to them. It ought to be enough to ask for a certain thing to be of a certain quality at a certain price to be agreed on. Then take the statement that it is so. If after disappointments not to be laid to unavoidable mistakes you find that you cannot rely on that house or salesman, you have relief in your own hands: you will find others anxious to supply you, and you won't have to get a new set of wholesalers either.

BOSTON.

Trade Conditions.

We are still convalescing! The foundations for a good winter are being laid deep and firm and wide.

Roses have become more plentiful with same prices on similar grades but another larger grade added to sell for more money, prices now running all the way from \$1 to 88 per 100 on pink



Aquatics at the Pan-American Exposition. Exhibit of Henry A. Dreer.

and on white and ranging from \$4 to \$25 per 100 on red ones, consisting of Beauties, Metecars and Liberties. Yellow ones are now represented better than usual with an increased demand, although irregular, as usual. I never found anyone who could explain why so fine a rose as the Perle could exist and attract so little attention. There are two or three new roses struggling for a rating also.

Pinks are not yet plentiful, but the demand is supplied and the average quality is rapidly improving. Two cents is about the limit yet. Asters are practically past history and the chrysanthemums are a page of the future. Fine white flowers are plentiful and green material is more so. Single violets are increasing in size and volume and a few doubles have arrived. Fifty cents is now the figure.

The retail system of the city proper starts off much as it was left last spring. There is a rearrangement of things at G. A. Severy & Co.'s place, and a slip of a new store has been planted at Copley Square which has not yet had time to get rooted. It will make a good stopping off place for salesmen going from Houghton & Clark's down to Galvin's Back Bay establishment where the big changes and additions spoken of a week or so ago are getting well along.

All the wholesale places are well and hearty with no special change except in the proprietorship of the New England Cut Flower Co. on Ordway place, where Mr. Lawrence Cotter's interest has been purchased by "Jaak" Minton, well known to the trade through his long connection with the establishment of G. A. Sutherland and other places. The new member of the firm will give it his full attention and prospects are, of course, unlimited. We must all wish them luck and then help them to get it. It is not yet known which of the little men is the head of the firm, but

think what a disturbance will occur in the featherweight ring if it ever comes to Marquis of Queensbury rules to find out!! The "Judge's" jury experience of last spring will, of course, keep them on the correct legal side of everything, and his position as assistant registrar of voters gives him a pull in his ward.

The Banquet.

The Co-operative market, having thoroughly fortified its position as a commercial factor, now enters the social arena and throws down the gauntlet in the form of a magnificent banquet to the stall holders, the success of which must have surprised the most sanguine. Practically everyone was there and the utmost good fellowship prevailed. As in the great fight off Santiago, there was glory enough for all hands and to spare, and I do not expect a disgusting and disgraceful fight over the appointment of honors in this case.

Competing admirals (or admirables) here were President Stickel, unapproachable as a presiding officer; F. B. Mathieson, as off-hand speaker, essayist and soloist; W. H. Elliott, on deliberate, clear cut utterances; W. H. Knapp, ladies' champion, who won the only vote of thanks extended, treatise on profanity; James T. Carroll, auctioneer to the corporation, galling gun orator; and F. W. Clark, hospital department, who gave a fine account of the pleasure given hospitals by receipt of flowers. There were several more "men behind the guns" who were bullseye marksmen every time, and I was the booby prize myself, mouthpiece for the Review, and as Daniel Webster said about the famous chase of the "America" around the Isle of Wight, "There was no second!" (Rise here and give three cheers for the "Columbia, the Gem of the Ocean!") The whole plan and its continuance annually was enthusiastically applauded and the sample of five ladies present was so well liked that it was

generally voted to bring out the full force hereafter, with an implied vote of sympathy for one poor man who dimly foretold what he would get for going home and confessing that he supped with the five present this time. As a table decoration nothing beats the "American Beauty" and the great original is the best kind.

Imported talent, and also imported drinks, were present, and both were of the best brand, but I would vote to dispense with the latter in future. We must curtail free speech to prevent anarchy and free drinks for the same reason, judging by socialistic tendencies evinced in one very small corner of the room. "America" and "Auld Lang Syne" were rendered, after which an impromptu concert proved the presence of a large number of excellent voices, which must be tuned in unison for the future. J. S. MANTER.

PHILADELPHIA.

The Market.

The fall season for outdoor sports which begins with the international cricket matches and ends with the Thanksgiving Day football game, is now in full swing and business has improved in consequence. These games are by no means floral festivals, but they bring people together again and small entertainments and gifts are the result.

Nearly everything on the list is selling well excepting tea roses, the poorer grades of these being very hard to sell. White cosmos is in active demand; plenty of colored cosmos about but very little white. Single violets are improving in quality and sell fairly well.

P. M. DeWitt, of Croysden, sent in the first dozen chrysanthemums last Saturday to S. S. Penneck; they now ornament the window of Penneck Brothers. The price was \$3.00, color white, varieties mixed, apparently including

Madame Bergman, H. H. Battles will be cutting chrysanthemums from his new place at Newtown Square this week. John Kuhn, of Olney, will also be cutting this week; the variety is Yellow Monarch.

Various Items.

Myers & Samtman, of Wyndmoor, have turned almost their entire place into a Beauty growing plant. The houses appear to have been planted a little later than last season, the firm believing that early Beauties do not pay well and are very subject to spot. Their plants are all in clean, healthy condition and growing rapidly. They have been cutting from some of the houses for a month past taking only the strongest shoots.

Low benches with walks around the outside of the house are liked here. There are, however, still a couple of side benches. These are planted in Sunrise, which present a beautiful sight, the bright green of the older foliage contrasting effectively with the rich red of the young shoots. The flowers resemble somewhat a blushing Sunset. It appears to be an ideal side table variety. The firm are very enthusiastic over its future prospects.

Walter P. Stokes, of Johnson & Stokes, has 16,000 feet of glass and several acres of cultivated ground adjoining his residence at Moorestown, N. J. The houses are devoted chiefly to palms and ferns. Kentia Behoveana and Ficus elastica, both imported, abound in various sizes. There are many Boston ferns in good condition, also small ferns for ferneries of the hardier varieties, chiefly peris; they are in seed boxes and 2 and 3-inch pots. Adiantum cucumatum planted out on side tables is in thrifty condition. Many of the palms and rubbers, as well as begonias, are plunged in frames outside. One house each is devoted to roses and to carnations.

About an acre outside is planted in scarlet sage of several varieties now in full glory. Cannas, too, are numerous; of the best known sorts Mme. Crozy, Florence Vaughan and Queen Charlotte; among other less known varieties were Betsy Stokes, J. C. Schmidt, President Carnot, Mlle. Brett, and Baron de Poille. There was a pretty collection of hardy perennials, among them a double star variety, Dianthus stellas. Violets, asters, daisies, chrysanthemums, hydrangeas, and many other popular plants are cultivated in quantity.

J. E. and H. F. Mergenthaler, of East Washington Lane, Germantown, have added five houses this summer, doubling their plant. Beauties, Brides, Maids and Kaiserins comprise their stock, all planted out for cut flowers. The houses are light and substantially built. When everything is finished the place will be a very complete one.

Louis Coche, violet specialist, is bringing in single violets. He also has two houses of carnations this season.

Charles Kienle, for fifteen years with Charles Fox, will go into business with his brother Rupert, 17th street above Chestnut, on October 15.

Correction.

In last week's account of John Burton's place it was incorrectly stated that La France was grown. It should have been Safrano. Also the patent valves were for steam, and not air valves.

Piping.

The points of general interest brought

out in C. J. Rainear's address last week were: That cast iron pipe is sometimes sold to florists at 25 per cent over market price; that the quality of cast iron pipe is affected by its color; that poor pipe wastes coal through friction; that 10 cents a pound or 6 and 3-5 cents a foot is a reasonable price for 1 1/2-inch wrought iron pipe; that good steel pipe is equal to iron and cannot readily be distinguished from it.

PHIL.

BUFFALO.

Various Items.

Last week we had a very slight frost and again last night, or rather the morning of the 7th, a much harder one. But as I have often noticed when plants are gradually accustomed to it they will stand more than they will when a hard frost comes suddenly and it is remarkable what little harm has been done to the general appearance. Yet it has about settled outside flowers and now we will have to fall back on the production of our houses. Perhaps it is only imagination, but it seems to me that these flowers from under glass are altogether superior to those produced outside, however choice they may be.

Business has been remarkably good of late and well distributed. Roses are coming in in good quantity and a few are of good quality, but for every good Bride or Bridesmaid that comes to town there are fourteen very poor flowers. There are some fine carnations on the market. Several of the new varieties are giving us the best flowers. Those who grumble about Lawson being so short stemmed can hardly find fault this fall as flowers of high quality can be had. Ethel Crocker seems a magnificent early fall flower and Prosperity gives us the longest stem and the best of bloom. At this time of the year it will pass for white.

While speaking to a friend yesterday about his present business and although not on the main street where the Pan-American would be so likely to affect him, he said that his business of July, August and September has been at least double what it was last year and I believe that has been the case with all of us, and that is all the harm the Pan-American has done us.

Last week was nomination for our local officers who are to run the machinery of our local government; far more important to our tax payers than the question of high tariff or free trade, free silver or gold standard or any other national question. Municipal government is purely business and as much as possible should be hited out of party. We don't ask a man who is to run our business whether he is a republican or democrat and why should we care what the man is who is going to take care of our streets? Thank all things above and below that every day the independent or thinking vote is growing larger and larger. Yet there are wards of our city where a yellow dog would be elected if nominated because they are so strongly partisan one way or the other. You will say "We're all right; look at our beautiful city. What if taxes are high, business is good." Yes, we get along. But not with the help of our rotten political organization, but in spite of them.

These few remarks are preliminary to saying that members of our craft are dabbling or about to dabble in politics.

S. A. Anderson has a small bug in his bonnet which will, if not killed, evolve into a full sized butterfly two years hence. Our popular commissioner man, Billy Kasting, aspired to be comptroller of this great city, but it was not to be, and now we hope that William will subside into the cares of his large business and drop out of the gang. Now we think the average florist has fully as much intelligence and honesty as is to be found in any other trade or profession and we all ought to help nominate the best man for our ward and city and state legislature and he that is indifferent and does not attend the caucus is not doing his duty as a citizen and can find no fault if hoodlums are nominated. But for heaven's sake let us elect to our offices, and above all to our board of aldermen, the very best men that can be selected. They should be men who have been successful in business, with an abundant competency, who will give their time and even their money to help good municipal government. It should and will some day be a great honor to be an alderman of a great ward in a great city and there are any amount of splendid men willing to serve if the taxpayers will ask them. At present how horribly different it is. But I have great hopes of the future. Party organizations are for bringing spoils to the party and every soul knows it.

Pan-American Exposition.

The frosts have much marred the beauty of the grounds but scarcely anything is sufficiently hurt to need its removal. J. Fay Kennell keeps up his wonderful show of gladioli. His seedling "1900" is a wonder for lasting. A table of orchids consisting of about thirty plants of Cattleya labiata has attracted a great deal of attention in the north conservatory. They are remarkably large flowers. They were grown at the establishment of W. S. at Cold Springs who has in his employ William Hewson, an orchid grower of the first water who, as I have had occasion to remark before, handles an orchid like some men handle geraniums. Usually speaking orchid growers have to put on their glasses, look at a plant fifteen minutes and turn it round a number of times. There is none of that nonsense about Mr. Hewson's treatment of a cattleya, or any other orchid.

Mr. H. F. Burt has brought another magnificent display of dahlias. They include about 300 show flowers all named and 400 of the cactus type, many of which are also named. Mr. Burt's second shipment much exceeded in quality his first, and for that he has to thank a copious rain a few days before the flowers were cut. I think it would be instructive and interesting to your readers if I were to give you what Mr. Burt considers two dozen of the best show varieties and two dozen of the best cactus varieties for the commercial man, and here they are:

Show Varieties: John Walster, pure white; Virginale, light ground tipped purple; Harrison Weir, center a primrose, outer petals orange; John Bennett, yellow tipped with red; Mabel Stanton, yellow; Primrose Dane, primrose yellow; Arthur Rawlings, dark scarlet; William Rawlings, crimson maroon; Muriel, yellow; Dr. Keynes, orange buff; Norma, pure buff; Colomis, dark fawn; Joseph Ashby, shaded orange; Philip Ladd, yellow; Florence Frante, light ground tipped with pink;

The Ameer, dark maroon; Souvenir, scarlet tipped white; Maud Fellows, white tipped with pink; George Rawlings, dark maroon; W. H. Williams, bright scarlet; Mrs. Kendal, light tipped with purple; Penelope, fawn; William Powell, yellow; Warrin, scarlet.

Cactus Varieties: Night, dark maroon; Uncle Tom, maroon, more closely quilled than Night; Stella, bright scarlet; Mrs. Charles Turner, clear yellow (one of the best of all); Mrs. A. Pearl, creamy white; Miss Webster, pure white; Countess of Lonsdale, salmon; Capstan, brick red; Beatrice, rose; Radiance, orange shading to red at tip; Keyes' White, a very fine white; Mrs. Dickson, rose pink tinted with yellow; Strahlenkroze, deep crimson, exquisite orange; Lavenstock Beauty, tinted salmon; J. F. Barber, center yellow, outer petals orange red; Madame Vanderdael, center white, outer petals soft pink (very decorative); Standard Bearer, scarlet; Britannia, salmon; Eclair, orange scarlet; King of Siam, shading from purple to maroon; Mary Service, shades of salmon and pink; William Jowett, rich scarlet with yellow center; Maurice S. Welch, a delicate soft yellow.

All the above can be depended on as most beautiful flowers as well as good growers. W. S.

CHICAGO.

The Market.

The quality of roses and carnations is improving rapidly and the supply is equal to last week if not greater on the average. Demand holds up well, especially from out of town. From last Saturday to Monday trade was remarkably good. Tuesday it slackened some, but Tuesday is generally a light day.

Quotations are practically the same as last week, namely, \$3 to \$5 on roses with a few extra fancy going as high as \$6. But \$3 to \$4 is nearer the average on good stock and poor short stuff is still cleaned up at as low as \$1. Good carnations range from \$1 to \$1.50, with a very few extra fancy Bradts, Americas, Cranes, etc., reaching the \$2 mark, while the poor shorts are cleaned up at 60 to 75 cents.

Beauties are improving materially in quality and though there is no change in quotations there are more of the better grades to be had.

Good violets are beginning to arrive in quotable quantities and the best go well. The top grade sell at \$1 to \$1.25, while inferior stock brings 60 to 75 cents.

Last Tuesday Kennicott Bros. Co. received 250 Harrislii Bibles from Crabb & Hunter, Grand Rapids, that were remarkably good for this date. They sold at \$2 a dozen. How was it done, Bro. Crabb?

Chrysanthemums are beginning to come in battalions and the regiments are not far away. Fitzwygram is the variety now most in evidence and the flowers go well at \$2 to \$2.50 a dozen. Poehmann Bros. cut a thousand good blooms on Monday, all of which sold at \$2 a dozen. Frank Garland has 25,000 to 30,000 mums coming and is now cutting in fair quantity.

Valley is scarce and there is practically no Asparagus plumosus. There is plenty of Sprengeri but it is pale in color and unsatisfactory, being evidently the growth made in hot weather. As-

ters are practically finished and are no longer a factor.

Peter Reinberg is cutting a few fine Prosperity carnations that readily bring \$3. He is also cutting some Chateaux and Gates that bring \$6. He is much encouraged about Liberty which promises to fully redeem itself this season.

E. H. Hunt is receiving some very fine cattleyas and they are in good demand.

Club Meeting.

At the meeting of the Florists' Club last Friday evening a paper on the treatment of cut flowers as received from the grower was read by Walter S. Heffron. It appears elsewhere in this issue.

In the discussion that followed President McAdams said it had seemed to him that the quality of the beauties this year is not up to that of previous years. It was suggested that the numerous and violent changes in the weather were probably responsible. Mr. Anderson, grower for Sinner Bros., said that in a house of Brides and Maids in which the plants were of equal size and with equal advantages the Brides had made much the best growth and produced superior flowers. Golden Gate had also averaged very good and he was of opinion that this variety could better stand extremes of temperature than others.

As regards the handling of flowers by the grower the importance of having the cut flowers in water for at least twelve hours before shipment was repeatedly emphasized. Referring to captions Mr. Hartshorne said the longer the shipment the longer the flowers should be in water before. If for a one day journey twelve hours in water first would answer but for a two day journey twenty-four hours in water first was none too much.

Mr. Hartshorne had on display for the Chicago Carnation Co. a vase of blooms of his new carnation, Mrs. Higinbotham, the color of Daybreak at its best and of Flora Hill form and very fragrant. It is a very attractive flower and Mr. H. reports the plant to be a phenomenally free and continuous bloomer. There is certainly a place for it. The variety had already been certificated by the club so no further action was taken.

Mr. Geo. W. Wienhoeber, son of Mr. E. Wienhoeber, was elected to membership.

At the next meeting, to be held Oct. 18, the annual election will take place and Mr. Edgar Sanders will read a paper entitled "Our Pastimes, by a Young Sport." It will undoubtedly be decidedly gay.

Various Items.

Prof. C. S. Sargent, of Boston, visited Mr. W. C. Egan at Highland Park last week. Prof. Sargent's western trip is for the purpose of studying the law-thorns.

McCollar & Winterson continue to do a record-breaking business in supplies.

Jos. Fleischman, of New York, is in town, to be present at the opening of his store in this city next Saturday.

Ed. Bentley is again at the store of Bentley & Co. after an absence of six months in New Castle, Ind.

Mrs. F. Hurd will open a store in the Stock Exchange building, on the Washington street side, next Saturday. Mr. Thos. P. McCormick will be in charge.

John Bohan has returned from Salt Lake City.

Among recent visitors were Fred Heintz,

Terre Haute, Ind., and Mr. Fnech, Jr., Saginaw, Mich.

Bowling.

In the second series of league games played last Tuesday evening the Wholesalers won two from the Retailers while the latter took one from the former. The Miscellaneous won two from the Growers and the Growers took the odd one from the mixed aggregation. Following are the scores:

WHOLESALEERS.			
Jos. Foerster	215	173	176
E. Bentley	167	142	197
C. Hughes	149	155	127
Jno. Sterrett	136	141	169
E. Winterson	112	126	132
	780	737	752

RETAILERS.			
P. J. Hauswirth	130	149	178
J. Huebner	139	149	141
O. Kreitling	88	134	124
W. Heffron	132	141	165
George Asmus	136	168	128
	683	747	736

MISCELLANEOUS.			
C. Balluff	177	147	172
C. Pruner	51	102	122
Jno. Deegan	106	137	163
M. Foerster	115	123	153
G. L. Grant	157	155	138
	716	683	750

GROWERS.			
F. Mitter	127	138	120
J. Shaffer	166	111	132
L. Shaffer	138	137	113
Jno. Paulus	115	174	152
N. A. Schmitz	139	121	169
	676	691	726

Results to date are as follows:		
Growers	Won.	Lost.
Miscellaneous	5	1
Wholesalers	2	4
Retailers	1	6

Through Charles Balluff, Mr. Henry McCall, city manager of the New Home Sewing Machine Co., offers one of his best machines (value \$2.00) as a prize to be won by the man making the best average during the season of games, the winner to have played in not less than thirty games during the series. There promises to be a warm competition for this prize.

NEW YORK.

The Market.

The general tone and prospect of business is much brighter than at corresponding time of last week. Prices for many grades of flowers, particularly choice roses and carnations, have advanced. Orchids are very plentiful and remain at a low mark. White chrysanthemums are being sought after but very few are coming in; other colors, particularly washy pink or magentas, seldom leave the florists' window; \$4.00 and \$5.00 per dozen are being asked for them, which seems a very big price.

Market quotations are now as follows: Beauties; specials, \$4 a doz.; fancy, \$20 to \$25 per 100; extra, \$15 to \$20; firsts, \$8 to \$12; seconds, \$3 to \$6.

Meteors; special, \$10 to \$12; fancy, \$8 to \$10; extra, \$6 to \$8; firsts, \$4 to \$5; seconds, \$2.

Brides and Maids; extra, \$6; firsts, \$3; seconds, 50 cents to \$1.

Victorias; special, \$1; fancy, \$8; extra, \$6; firsts, \$3; seconds, \$1.

Carnots; fancy, \$8; extra, \$6; firsts, \$3; seconds, \$1.

Violets, 30 to 75 cents. Cattleyas, \$8 to \$12. Dendrobium formosum giganteum \$25. Chrysanthemums, \$2 to \$3 per dozen.

Various Notes.

No serious frost is reported yet, and out door flowers, especially dahlias, are fairly good; there is quite a demand for cactus dahlias; many more could be sold.

Plant business is improving; growers

report a very encouraging state of affairs.

J. H. Small & Sons have the decorations for the Rockefeller wedding at Providence, R. I., and several artists have gone on to execute the order; some innovations are to be used in these decorations which will be well worth seeing.

Small & Sons' store in the Waldorf-Astoria, is one of the prettiest little florists' stores in the country; visiting florists should see it. The cool room for keeping flowers is regulated by cold air pipes; no ice is used in this store, and so far this system is very successful and seems to point to the future way of keeping flowers; the box is a gem.

The regular meeting of the New York Florists' Club will be held on Monday night next, and as this will be the last general meeting before the show at Madison Square Garden, a full attendance is urged. Manager Plumb is working hard to have this show a record breaking success and he should have the assistance of every florist hereabouts to make it doubly so. The prizes offered are very generous and should bring out all the choicest stock in this section, but most important is to get all to exhibit something.

Bowling.

The bowlers will meet in the afternoon next Monday. The first two scores last night were:

Lentz.....	184	140	Hafner.....	133	152
Van Hoesen.....	145	149	Elliott.....	115	
Traudt.....	149	168	Mansfield.....	142	114
Eurus.....	129	150	Lang.....	105	175
Siebrich.....	135	158			

We left the boys on the alleys attempting to break the record. Capt. Lang is determined to have a team able to meet all comers.

There was heaps of fun on the 26th street alleys Saturday night. The new club met and formed two sides:

FANCIES.	SPECIALS.						
Supple.....	169	124	130	Reidel.....	111	108	140
Donohue.....	111	130	140	M. Sampson.....	126	122	160
Hanf.....	118	122	125	Weisig.....	153	176	119
Donlan.....	125	150	144	Wallace.....	108	125	100
A. Young.....	126	137	101	Riedinger.....	154	137	156
Esler.....	129	128	150	W. Sampson.....	121	118	140
Bilud.....	102	124	130	Hunt.....	118	111	130
	820	885	890		858	897	895

A prize will be given to the bowler with the highest average rolled during the month.

ST. LOUIS.

Club Meeting.

The regular monthly meeting of the Florists' Club was held last Thursday afternoon at 3 o'clock with President Meinhardt and all the other officers in their chairs. Fifteen were present, including Mr. Flint Kennicott of Chicago, who was a visitor.

The exhibition committee reported progress and that the members were hard at work on the regular prize list which will be out the latter part of the present month.

Mrs. M. M. Ayers and Mr. Rolst were elected to membership by a full vote. New applications were read from P. T. Barnes of Shaw's Garden and A. G. Greiner, a cacti grower.

The chairman appointed Frank M. Ellis to collect the 20 per cent of the World's Fair subscription, which must be paid on or before the date of the next regular meeting of the club.

Mr. Kennicott of Chicago, spoke about the World's Fair at Chicago in 1893 and

told that a great help it was to the florists of that city and that we should push it hard as all Chicago was with us in this great undertaking. Mr. K. also told of his pleasant visits to St. Louis in his younger days, some thirty years ago.

Mr. Max Herzog, who has just returned from a trip abroad, gave us a very interesting talk as to what he saw while away. He brought back with him a violet stone and a new asparagus which he will exhibit at the coming show.

The next meeting of the club will take place a week earlier owing to the fact that show week comes the same week of the regular meeting. The meeting will take place Thursday, November 7, at 3 o'clock. Mr. Emil Schray will read an essay at this meeting.

After the meeting the members adjourned to the Hotel Moser where a fine spread had been prepared at Secretary Schray's expense and which was heartily enjoyed by all.

The Market.

Trade in the cut flower line has been fair the past week and shows continual signs of improvement. The weather has become very cool and we have had a few frosty nights. The rose crop shortened up considerably, still plenty come in for the demand.

There is always an extra call for choice stock, especially Beauties, the week the great Veiled Prophet's ball takes place and no doubt prices will go up somewhat on all kinds of stock. Meteors, Maids, Kaiserins and Brides brought as high as \$5 and \$6 per 100 the past week and from that down to \$2; Perles and Woottons sold at about 3 and 4 cents for the best.

Carnations are coming in fine and many of our home-growers are sending in first class blooms of Daybreak, Flora Hill and Scott which sell well at from \$1.50 to \$2 per 100; the smaller ones go at \$1.

A few violets are seen, but are small and pale, the weather being too dry for them. Another few weeks will see them in better shape and plenty in the market.

A few blooms of the early varieties of chrysanthemums are coming in but they are small and there is very little sale for them. Some fine cosmos is coming in but is still somewhat scarce at 50 cents per 100. Valley and tuberosa stalks sold well the past week. Smilax is at \$12.50. Maidenhair ferns and asparagus have a good demand.

Notes.

Mr. Flint Kennicott of Kennicott Bros. Co., Chicago, spent last Thursday with us, calling on the trade and adding new friends to his already long list.

Joe Rolker of New York, was again with us. Joe is likely to drop in on us any old time looking for orders in the supply line.

The St. Louis Agricultural and Mechanical Association opened its Forty-first Annual Fair today (Monday, October 7) and is offering the usual amount of premiums for plants, cut flowers and designs. Quite a number of local florists have entered and will compete for the prizes. A full list will appear in the next issue of the REVIEW.

The Eden Floral Co., has advertised its place for sale and will retire from business, having made enough money off the unfortunate girls they roped in to

educate in the business. Several of the young ladies say that they will horse-whip this so-called Mr. Eden some night when he is on his way home. So you may look for something sensational before the week is out.

Mr. and Mrs. Carew Sanders returned last Saturday from their summer trip through the east, coming home by the way of Buffalo and taking in all the sights of the Pan-American. Both are in the best of health.

Mr. C. C. Sanders will have a fine lot of show chrysanthemum plants this year, and in cut blooms of all kinds he will be in it with the best of them. His rose and carnation houses are also in fine shape for the coming season.

J. F. Wilcox, our friend from Council Bluffs, Iowa, is sending a fine lot of Beauties, Maids, Brides and Meteors to this market, which find ready sale at all times.

Bowling.

The Florists in their opening match with the strong Westerns came out victorious, winning all three games and leading at the end with 299 pins. The boys felt very much encouraged over their victory. John Kunz, the high man, was in his Detroit form, having got rid of his sore finger, and barring his first game certainly rolled well. Your correspondent was right in it himself, missing only three spares in the three games; the last game gave him four splits. Kuehn also rolled well and will do better. Ellison and Sturtz were worked to death the night before, with lots of funeral work, to which Sturtz attributed their poor rolling. But as they are two of our best they will surely do better in the next match, which will be with the Libertys on next Friday night, October 11, at 8:15 o'clock at the Cass avenue alleys. All florists are invited to be present. The scores of Tuesday's match are as follows:

Florists.	P. E.	1	2	3	Tot. Av.		
John Sturtz.....	2	19	123	139	442	147-2-2	
A. Y. Ellison.....	2	4	166	147	147	460	153-1-3
J. W. Kunz.....	1	9	127	176	384	487	162-1-3
C. A. Kuehn.....	2	8	158	151	335	454	161-1-3
J. J. Bencke.....	5	3	266	174	143	483	161
	19	34	173	810	768	2557	157-1-5
	B. E.	1	2	3	Tot. Av.		
Westerns.....	27	47	706	668	684	2968	193-3-15

J. J. B.

CLEVELAND.

Club Meeting.

At the meeting of the Florists' Club held Sept. 23 the members nominated for officers two weeks before were unanimously elected. Walker and McLean, the enterprising florists of Youngstown, were elected members of the club, as was also C. G. Steyn, of this city.

A Reception.

The reception tendered the Cleveland florists by Mr. and Mrs. J. M. Gasser Sept. 26 was well attended, about 150 florists and their families being present. The host and hostess received in a tent which was handsomely decorated with palms and cut flowers. Adjacent to this tent was another where a banquet was served at 7 o'clock. Afterward small tables were placed around and all who wished to do so played cards, while on the floor of the other tent a canvas was stretched and dancing was indulged in till a late hour. The principal features of the dancing were a Highland Fling by Adam Graham and Gordon Gray to the tune of "Coming Through the Rye,"

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	Per 100	Per 1000
Lilium Auratum, 8-9	\$4.00	\$35.00
Lilium Auratum, 9-11	5.00	50.00
Lilium Speciosum, 7-9	3.75	35.00

Chinese Sacred Lilies, per basket (30 bulbs) \$125; per 100, \$4.00; per 1000, \$37.00.
DUTCH HYACINTHS, TULIPS, PAEONIES, NARCISSUS and CYCAS STEMS quoted on application. Send for our ATLAS B.L.B. LIST.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

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and a cakewalk by Charlie Gibson, an honorary member, who introduced a striking effect by tripping his partner, falling and rolling several times on the floor.

All present voted the afternoon and evening a most enjoyable one and gave Mr. and Mrs. Gasser three rousing cheers and a tiger when they dispersed about midnight.

The Market.

Flowers are rather scarce. Most all the late asters are gone and not very many carnations are coming in, and what there are have very short stems. Roses seem to be off crop with most growers, and mums are not being cut in sufficient quantity to cut any figure.

Various Notes.

At Caspar Aul's establishment things are in good order. He has been cutting some early mums but says there is little call for them as yet. He was fortunate with his asters, having managed to keep the bugs off by steady handpicking. He reports the loss of about 1,500 carnations, caused by the water standing on a portion of his field. Those in the houses are rather small but are good healthy looking plants. His mums look fine and it looks as though he will again capture the first prize given by the management of the Sheriff St. market at the annual show in November.

John Leshar reports everything planted except a house of adiantums. The house is now filled with palms which he is selling rapidly, and when they are gone he will plant with adiantums.

At Herman Hart's the carnations are in prime condition and in fact so is everything else. His mums are not as early as some but they are early enough for the demand here. He has added to his plant this year a show house extending about 40 feet along Detroit street and about 15 feet wide. This gives him a much needed show room. There is about two feet of glass under the plate which is five feet above the ground. This house is now filled with Boston ferns in 6, 7 and 8-inch pans. He also has a house of smaller plants in 5-inch pots.

He was giving his primoses and cyclamen their last shift. He grows a great many of these and does them well.

Mr. A. Schmitt, of Glenville, has improved rapidly and is now able to attend to business again.

F. R. Williams is rejoicing over the arrival of a son.

H. Blome, representing the Geo. Wittbold Co., Chicago, was a recent visitor. TENEP.

FALL EXHIBITIONS.

- Oct. 21-27—NEW YORK—New York Florists' Club. Wm. Plumb, Mgr., 51 W. 28th street.
 - Oct. 22-31—BUFFALO—Pan-American Exposition. Wm. Scott, Supl.
 - Nov. 5-6—MADISON, N. J.—Morris County Gardeners' and Florists' Society. C. H. Atkins, Sec'y, Madison, N. J.
 - Nov. 5-7—NEWPORT, R. I.—Newport Hort. Society. A. Melkie, Sec'y.
 - Nov. 5-7—TARRYTOWN, N. Y.—Tarrytown Hort. Society. Thos. Cockburn, Sec'y, Irvington, N. Y.
 - Nov. 5-8—BOSTON—Mass. Hort. Society. Rob't Manning, Sec'y, Horticultural Hall.
 - Nov. 5-9—CHICAGO—Hort. Society of Chicago. Edwin A. Kamsi, Ass't Sec'y, 5000 Cottage Grove avenue.
 - Nov. 5-9—INDIANAPOLIS—Indiana Floral Festival. W. B. Bertram, Sec'y, 241 Massachusetts Avenue.
 - Nov. 6-8—POUGHKEEPSIE, N. Y.—Dutchess County Hort. Society. W. G. Gomersall, Sec'y, Fishkill-on-Hudson, N. Y.
 - Nov. 7-9—CHESTNUT HILL, PA.—Chestnut Hill Hort. Society. John Marsden, Sec'y.
 - Nov. 8—LAWRENCE, N. Y.—Lawrence-Cedarhurst Hort. Society. Alex. McKenzie, Sec'y.
 - Nov. 12—ORANGE, N. J.—New Jersey Horticultural Society. Geo. Smith, Sec'y, Orange, N. J.
 - Nov. 12-15—BALTIMORE—Baltimore Gardeners' Club. J. J. Perry, Sec'y, Gay and Eager sts.
 - Nov. 12-16—PHILADELPHIA—Pennsylvania Hort. Society. David Rust, Sec'y, Hort. Hall, Broad street.
 - Nov. 12-16—WACO, TEX.—Texas State Floral Society. J. W. Barnett, Sec'y, Waco, Tex.
 - Nov. 13-14—HOUSTON, TEX.—Faith Home Ass'n. Mrs. M. E. Bryan, Sec'y.
 - Nov. 13-15—ST. LOUIS—St. Louis Florists' Club. E. Schuy, Sec'y, 401 Pennsylvania avenue.
 - Nov. 13-16—DETROIT, MICH.—Detroit Florists' Club. J. F. Sullivan, Sec'y, 214 Woodward avenue.
 - Nov. 15-16—PROVIDENCE, R. I.—Rhode Island Hort. Society. C. W. Smith, Sec'y, 61 Westminster street.
 - Nov. 15—NEW ORLEANS—New Orleans Hort. Society. D. Newsham, Sec'y.
 - Nov. ——UTICA, N. Y.—Utica Florists' Club.
 - Nov. ——ELMHIA, N. Y.—Elmhira Hort. Society. H. N. Hoffman, Sec'y.
- (No carnations are requested to supply any omissions in above list and to notify us of any needed changes.)

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For Price List
SEE PAGE 487, SEPT. 19th.
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CAPE TOWN, SOUTH AFRICA.

At the last meeting of the Sen. Point Horticultural Society Mr. Peter Barr, of London, read an exhaustive paper on "Ancient and Modern Daffodils." In the Cape Times of September 11 appears part 1 of the paper, and it occupies three and a half of the long columns of that publication.

COLOMA, MICH.—A company composed of George M. Grant, John M. Keck and C. H. Merrifield has been organized for the purpose of entering into the nursery business on an extensive scale.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Herrington has announced committees to examine chrysanthemum seedlings and sports on dates as follows: Oct. 5, 12, 19, 26, Nov. 2, 9, 16, 23 and 30.

Boston, Mass.—A. H. Fewkes, chairman, care John Welsh, manager Boston Flower Market, Park street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Daillouze, chairman, care New York Cut Flower Co., 20th street and 6th avenue; James W. Withers, C. Albert Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1614 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deannud, 51 Wabash avenue; Geo. Stollery, E. Weinboer.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Co., 416 Walnut street; James Allen, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season before or after dates fixed can have the same passed upon by specially notifying the chairman of committees.

EDWIN LONSDALE, Secretary.
Wyndmor, Chestnut Hill, Pa.

Work of the Committees.

Following are the reports of the committees judging seedlings and sports:

Cincinnati, Oct. 5.—Nathan Smith & Son, Adrian, Mich., exhibited Opah ("Indian name for morning"), a bluish pink variety, Japanese reflexed, which scored commercial scale 80 points. "The committee highly recommends this variety as an early sort."

At Chicago the above variety scored commercial scale 79 points. "The committee would recommend this to florists for planting in limited quantities, on account of its earliness, although the flowers before us for judging were not finished and in our opinion would take four to five days to fully develop. It is superior to either 'Mae,' F. Bergman or Fitzwygram, but we cannot score it up to 85 points, even taking its earliness into consideration. Scoring it strictly on its merits, 79 is all it will stand."

EDWIN LONSDALE, Secretary.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 30 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A good carnation grower, who does not use liquor or tobacco to excess. (Geo. M. Kelllogg, Pleasant Hill, Mo.)

WANTED—A steady, reliable man, to take full charge and run a general florist business; good cut flower grower, propagator and designer; steady and good job for a suitable person. Address Alfred Cox, Jacksonville, Fla.

WANTED—An intelligent young man with some experience to take charge of small conservatory in connection with retail store; good opportunity to learn the retail business; steady and good job for a suitable person. Chas. A. Samuelson, 212 Michigan ave., Chicago.

FOR SALE—On account of death, will sacrifice to sell, a well established garden and florist business, in good running order; flourishing city of 15,000. For particulars address Steinhauer & Eagle, Lock Box, 45, Pittsburg, Kansas.

FOR SALE—An old established florist business, centrally located in a thriving Western New York city of 12,000 inhabitants; the only florist in the city; 3,000 square feet of glass and store all in perfect condition; natural gas fuel with moderate rates; or will take partner with some experience; \$3,000 or more. Reasonable basis of reasons given; for full particulars, address G. H., care of Florists' Review.

SITUATION WANTED—On commercial place in New Hampshire or Massachusetts; want to learn business; willing to work; good references; age 25; state wages. Address J. E. Pratt, Randolph, Vt.

WANTED—Man for general greenhouse work; state wages expected, also give references. W. W. Pike, St. Charles, Ill.

WANTED—A man with some experience in growing of roses, carnations and bedding plants, will pay to start with \$25.00 per month with board and washing. J. J. Beck, New Castle, Pa.

FOR SALE—Steam heated houses; \$10,000 annual trade; 30 years established; near big city; small cash payment; full details. Address Opportunity, care Florists' Review.

WANTED—Young man, single, for assistant rose grower; one with some experience; also one for general plants. Write Geo. A. Kuhl, Peoria, Ill.

FOR SALE—12,000 sq. ft. 12x16 double strength glass; second hand, good as new; at \$1.25 per box. Joseph T. James, Park Ridge, Ill.

SITUATION WANTED—As foreman, on commercial place where roses and carnations are a specialty; was foreman for Victor Bros., Chicago, for seven years; or would lease an up-to-date greenhouse plant of 25,000 or more feet of glass. Address L. Collins, West Toledo, Ohio.

WANTED—A section foreman on carnations and plumosis; live houses. Fred Burki, Bellevue, Pa.

FOR SALE—Some 4-inch hot water pipe; guaranteed sound; 100 per foot; 1 c. o. b. Philadelphia. Samuel J. Bunting, Elmwood ave. and 58th St., Philadelphia, Pa.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$1,000. Use of 3 or 4 acres adjoining houses free of charge. Address 23, care Florists' Review.

FOR SALE.

A fine piece of property for florists' purposes in Baltimore.

I offer for sale a ten acre lot fronting 550 feet on the north side of the New North Boundary Ave., with a frontage of 800 feet on St. George Ave. (50 feet wide), and a 30-foot ave. to the east, giving three fronts, that is especially desirable as a location for a florist. It is all in lawn except immediately around the house. Improvements are a 12-room dwelling and No. 10 buildings, all in good repair. The neighborhood is well built up and is only 24 minutes from the city hall. County taxes and city conveniences. Five-cent car fare; car every three minutes; all-night cars. Only four squares from the cars.

Price \$15,000. Terms easy. Address BALTIMORE, care Florists' Review.

Express Prepaid

ASPARAGUS PLUMOSUS NANUS, from flats, \$2.00 per 100.
NEW GIANT OF CALIFORNIA FANSY PLANTS \$1.00 per 100
NEW GIANT OF CALIFORNIA FANSY SEED, trade pkt., 2¢; 1/2-oz., \$1.00—getting scarce.

Mitting Floral Co., Loomis, Cal.

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PRICES THAT COMMAND ATTENTION.

Our Second 15-Day Offering Only One Extra Item.

Krick's Immortelle Letters, \$2.25 per 100 in 100 lots.

Current Cut Flower Price List.

BEAUTIES.

American Beauties, more than 20-inch, \$2.40 to \$3.00 per doz.
20-inch stems, per doz., \$1.50 to \$2.00
15-inch stems, " 1.20
12-inch stems, " .75
Short per 100, 3.00 to 4.00

Brides per 100, \$3.00 to \$5.00
Bridesmaids " 3.00 to 5.00
Meteors " 3.00 to 4.00
Perles " 2.50 to 4.00
Carnations " 1.00 to 1.50
Valley " 4.00 to 5.00
Adiantum per 100, 60 to 1.00
Smilax per doz, 1.20 to 2.00
Galax, green .. per 100, 1.00
" per 100, 20
Galax, bronze, per 100, 1.75
" per 100, 20
Ferns per 100, 1.50
" per 100, 20

Asparagus Sprengeri and Asparagus Plumosa Sprays, per 100, \$2.00 to \$3.00

Prices subject to change without notice.

KENNICOTT BROS CO.,

Wholesale Commission Florists and dealers in All Kinds of Florists' Supplies, 42 and 44 E. Randolph St.

CHICAGO.

Nephrolepis Davallioides Furcans.....

Undoubtedly one of the most valuable of the Sword Ferns, and preferred by many to the Boston Fern, always scarce and in good demand. We offer a fine large stock.

6-inch pots 60c each 7-in. pots, extra heavy, \$1.00 each
7 75c " 8 " 2.00 "

CIBOTIUM SCHIEDEL.

The only Tree Fern worth growing. Gracelin, Decorative and as Hardy as a Palm.

5-inch pots \$1.00 each 7-inch pots \$1.50 each
8-inch pots \$2.50 each

Our Quarterly Wholesale List has just been issued and offers a full line of Decorative Plants and all Seasonable Stock.

Our Decorative Plants have never been in better condition than this season. Our display at the recent meeting of the S. A. F. O. H. was awarded the silver cup offered by the Buffalo Florists' Club for the Best and Most Complete Display.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

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PANDANUS VEITCHII

SHOWY FOR DECORATING and the Best Variegated Decorative Plant in General Culture.

6-in. pots, \$1.00 each, \$12.00 a doz. 7-in. pots, \$1.50 each, \$18.00 a doz. 8-in. pots, \$2.00 each, \$24.00 a doz.

JOHN WELSH YOUNG,

Upsal Station, Penna. R. R., Germantown, - - - PHILADELPHIA, PA.

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Araucaria Excelsa

Fine Plants, 6-in. pots, 12 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,

6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

2,000 Asparagus Plumosus,

Fine, Strong Plants, 3-inch pots, \$6.00 per 100.

Dracaena Indivisa,

5-inch pots \$25.00 per 100.

ROSES.

Fine, strong 3-year-old field-grown White Maman Cochet. \$10.00 per 100.

ISAAC H. MOSS,
Govanstown, BALTIMORE, MD.

DAGGER OR FANCY FERNS 75c per 1000.

Green or Bronze Galax, 75c per 1000, in 5000 lots. Laurel Festooning, 4c, 5c and 6c per yard.

All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



CROWN FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

CYCLAMEN. PERSICUM and GIGANTEUM for Christmas Blooming.

2-inch, \$5.00 per 100. 4-inch, \$8.00 per 100. Fine large healthy plants.

Asparagus Plumosus Nanus and **Sprengeri**, 4-in., \$8.00 per 100.

Chinese Primroses, white and mixed, 3 $\frac{1}{2}$ -in., \$5.00 per 100. **Cinerarias**, 2-in., \$2.00 per 100; 3-in., \$3.00 per 100. Cash with order.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N. Y.

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Have a Look.

GERANIUMS:

- Silver Leaf, 2 $\frac{1}{2}$ -inch Per 100 \$4.00
- Mrs. Pollock, 2 $\frac{1}{2}$ -inch 4.00
- Happy Thought, 2 $\frac{1}{2}$ -inch 4.00
- Mars, 3 $\frac{1}{2}$ -inch, bloom 6.00
- Mrs. 2 $\frac{1}{2}$ -inch 4.00
- Mrs. Parker, 2 $\frac{1}{2}$ -inch 6.00
- Rooted Cuttings, standard varieties 1.75 per 1000, \$15.00.
- Violets, 3-inch 4.00
- Forget-Me-Not, "Winter," 2 $\frac{1}{2}$ -inch 7.00
- Cinerarias, fine plants \$1.00 and 5.00
- Dracaena, 2 $\frac{1}{2}$ -inch 5.00
- Alyssum Double Giant, 2-inch 3.00
- Var. Stevia, 2-inch 2.00
- Colons-Verschaffelt, 2-inch 2.00
- Fuchsia named, R. Cuttings, per 1000, \$10.00 1.25
- Fuchsia, named, R. Cuttings 1.50
- Lumion Verbena 1.50
- Begonia Rex, " " 2.00
- Vinca, 2 $\frac{1}{2}$ -inch \$2.00 and 2.50

Terms Cash or C. O. D.

GREENE & UNDERHILL, WATERLOO, N. Y.

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ZIRNGIEBEL

GIANT PANSIES.

Trade packages at \$1.00. Also plants of the above strains at \$5.00 per 100 and \$10.00 for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

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For Your Trees, Shrubs, Vines, and Small Fruits.
Descriptive Illustrated Catalogue Free.
THE WM. H. MOON CO.,
Morrisville, Pa.

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Pansies Worth Raising.

(NO MORE SEED.)

Good Plants, \$4.00 per 1,000; \$2.50 per 500, f. o. b. express here. Cash with order.

CHR. SOLTAN, 199 Grant Ave. Jersey City, N. J.

You can take Newark and N. Y. R. R. or West Side Av. trolley.
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ARE YOU INTERESTED IN

Boston Ferns?

We are in a position to supply you with the best 5, 6 and 7-in. Write us for prices. Also have a fine lot of

SPRENGER AND PLUMOSUS

in 2, 2 $\frac{1}{2}$ and 3-inch each, ready for a shift. These will make you money.

A few hundred fine **PRIMULAS.** Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

VEGETABLE PLANTS!

CABBAGE.—Jersey and Chas. Wakefield. Succession. Flat Dutch, and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

LETTUCE.—Grand Rapids, Big Boston, Boston Market and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

CELERY.—Giant Pascal, Golden Heart and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

TOMATO.—Lorillard, Mayflower, Paragon and Dwarf Champion; from seed, 50c per 100. Lorillard and Mayflower from 2 $\frac{1}{2}$ -inch pots, \$2.00 per 100.

EGG PLANTS.—N. Y. Improved, 50c per 100. **PEPPER.**—Ruby King, 50c per 100.

It wanted by mail add 10c per 100.

Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

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Pansy Plants

Per 100, 50c.; per 1000, \$3.00. Per 100 Paper White Narcissus Bulbs \$ 2.50

Asparagus Plumosus, 3 $\frac{1}{2}$ -in. pot 1.50

Decumbens, 2 $\frac{1}{2}$ " 10.00

Sprengeri Seed, \$2.00 per 1000;50

Obconicas Alpha and Rosca, 2-inch pots 2.00

CINERARIAS, 2-inch pot 2.00

CASH **JOS. H. CUNNINGHAM,** Delaware, O.
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CINCINNATI.

Various Items.

After the rush of last week trade seems to be slow, yet it is well up to the average for this time of the year. Supply and demand are about equal except for the poorer grades which have to be sacrificed at job lot prices to clean them up.

Carnations are still very scarce; it seems that they are very late with every one. Mrs. E. T. Grave, of Richmond, Ind., is still sending in good sized cuts of her carnation Dorothy. They are A1 and the price is from \$2 to \$2.50 per 100. Meteors are 2 to 5 cents and Beauties 50 cents to \$2 per dozen, and not enough to supply the demand by half.

We are having ideal weather. Several light frosts have killed the more tender plants but this kind of weather is O. K. for indoor stock.

The first mums of the season made their appearance in this city October 1. The variety was Lady Fitzwygram (white), shipped to E. G. Gillett by Mrs. E. T. Grave of Richmond, Ind. Although this variety is small in size and rather short stemmed its earliness makes it sell. They brought 15 cents. As yet the supply is limited, but by the middle of the week I think there will be enough to go around.

Harry Baer was badly used up in a runaway accident last week. He was thrown from his wagon and, besides breaking several bones, he received a number of severe wounds. He is now resting easy and hopes for an early recovery.

On Saturday last the first mum of the season appeared, to be passed upon by the chrysanthemum committee. It was shown by Nathan Smith & Son, Adrian, Mich.; name, Oph; parentage, Lady Fitzwygram x Marquis de Montmort; Jap. ref.; color, blnsh-pink, turning to pinkish-white when fully opened. Very good sized flower for this time of year, stem and foliage only fair. It is better than any of the extra early varieties I know of, and is to be recommended. The blooms sent were cut October 4.

Mr. Martin Reukauf and Mr. Walter Mott were visitors this week.

C. J. OHMER.

KEEPING GALAX LEAVES.

Replying to "Subsiber", the best way to keep galax leaves is to put them in cold storage at a temperature of, say, 33 degrees. The ordinary florist can keep them in good condition in an ice chest, packed in original cases; that is, if they are properly packed.

Boston. HARLAN P. KELSEY.

We have received a copy of the fall catalogue of "Wholesale Floral Supplies" issued by E. H. Hunt, Chicago. Bulbs, seeds, wire work, ribbons and supplies of all kinds are offered in great variety. There are many original half tone engravings from photographs and the catalogue is well printed on fine paper. It is one of those catalogues that should be preserved for reference.

GENEVA, N. Y.—Alfred E. Robinson, for the last fourteen years assistant manager for the W. & T. Smith Co., has removed to Boston, where he becomes office manager of the Shady Hill Nursery Company.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF
AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

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A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON

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Write for special quotations on large orders.

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THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.

32, 34, 36 Randolph St.
CHICAGO, ILL.

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P. F. BENTHEY, Manager.

WHOLESALE AND
COMMISSION Florists, Consignments
Solicited.

35 Randolph St. CHICAGO.

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Wholesale
Growers of... **Cut Flowers**

All telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO.

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J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Speciality....

WHOLESALE
GROWER OF

CUT FLOWERS

PETER REINBERG,

Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS.

Headquarters for American Beauty.

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WHOLESALE
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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

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The Cincinnati Cut Flower Co.,

416 Walnut St., Wholesale Florists,
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Consignments Solicited.

Special Attention given to Shipping Orders.

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CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...

CUT FLOWERS,

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SEND FOR WEEKLY PRICE LIST.

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1322 Pine Street,
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Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

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CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

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DON'T FORGET THAT ON FLORISTS' SUPPLIES

We Are **HEADQUARTERS** In Chicago.

We have in stock **everything** a florist needs, purchased in **quantity** at **bottom rates**, and we can meet the figures of **all** other houses on **all** supplies at **all** times. Send for our Special Supply List if you have not received it.

For Cut Flowers we are also headquarters. If you do not receive our Weekly Bulletin notify us and we will put you on our mailing list.

McKELLAR & WINTERSON,

45, 47, 49 Wabash Ave., CHICAGO.

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FRANK GARLAND,
WHOLESALE GROWER
and Shipper of
CUT FLOWERS,
55-57 Wabash Avenue,
TEL. CENTRAL 3284. CHICAGO, ILL.
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Poehlmann Bros. Co.
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Growers of
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All telegraph and telephone orders given prompt
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Holton & Hunkel Co.,
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Cut Flowers and Supplies
Milwaukee, Wis.
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**Maplewood Cut Flower and
Plant Co.** • GEO. M. KELLOGG, Pres.
Growers of **CUT FLOWERS** at Wholesale.
Regular shipping orders given special attention. We
have the largest Plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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MICHIGAN CUT FLOWER EXCHANGE,
WM. DILGER, Manager. Wholesale Florist Commission,
SPECIAL ATTENTION TO BUY LINE OF Florists' Supplies and Decorations.
26 MIAMI AVENUE, - - - DETROIT, MICH.
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WHEN IN DOUBT
BUY FROM
ROBINSON
Dagger or
Fancy Ferns,
Green or
Bronze Galax.

A No. 1 QUALITY.
Write for prices on large quantities. We can
fill your orders in any amount.
HENRY M. ROBINSON & CO.
Tel. 2618 Main. 36 Court Sq., Boston, Mass.

**Southern
Wild Smilax...**
NEW CROP NOW READY.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.

YOU WILL FIND ALL THE BEST
OFFERS ALL THE TIME IN THE
REVIEW'S CLASSIFIED ADS., 4, 6

**Dutch Bulbs
Ready.**
NEW CROP PANSY,
CINERARIA, CYCLAMEN.
PANSY, SUPERB MIXED,
1/2 ounce 75c; 1 ounce \$5.00
CINERARIA, GIANT PRIZE,
Trade packet..... 50c
CYCLAMEN, CALIFORNIA GIANT,
1000 seeds \$6.00
Write for full catalogue if not received.
W. C. BECKERT, Allegheny, Pa.

Irish Juniper. Extra heavy. 4-ft. trees. \$25 per 100.
15 to 21 inches... \$ 8.00 per 100. \$20.00 per 1000
24 to 30 " 10.00 " 75.00 "
30 to 36 " 12.50 " 100.00 "
250 of each size at 1000 rate. Boxing at cost.
Rubber Plants, grown from topcuttings, strong.
12 inches..... \$0.30 each. \$3.20 per doz.
18 " 50 " 5.00 "
20 to 24 " 60 " 7.00 "
24 to 30 " 80 " 9.00 "
1000 each of Brides and Maids from 7-inch pots,
strong, \$4.00 per 100.
100 Golden Gates, 2 1/2-inch, strong, \$3.00 per 100.
I can use Cyclamen, Primrose and Palms plants
in exchange.
JOSEPH HEINL, Jacksonville, Ill.
Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, large, \$5.00 per 100. Cash, please. O. F. Seaside, L. B. 238, Nashua, N. H.

AGERATUM.

Ageratum, rooted cuttings, one per 100. Cash, please. O. F. Seaside, L. B. 238, Nashua, N. H.

ALYSIUM.

Alyssum, Dbl. Giant, 2-in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Double alyssum, bushy, 4-in., 6c.
S. S. Peckham, New Bedford, Mass.

ARAUCARIAS.

ARAUCARIA EXCELSA. The best value we have ever offered in this plant.

Pots.	High	Tiers.	Each.
4-inch	..... 6 to 8 in.	2 to 3	\$ 50
5-inch	..... 10 in.	3	75
6-inch	..... 12 to 14 in.	3	1.00
7-inch	..... 20 in.	4 to 5	1.50
7-inch	..... 24 in.	4 to 5	2.00

ARAUCARIA EXCELSA GLAZED.
Pots. High. Tiers. Each.
5-inch 8 in. 2 \$ 75
6-inch 15 in. 3 1.50

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Araucaria excelsa, fine plants, 6-in. pots, 12 to 14 inches, 3 to 4 tiers, \$1.00 each; \$2.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each; \$18.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS.

500 Asparagus plumosus. True, fine, strong plants, 2-year-old, from 4-in. pots, ready for vining. The lot for \$25.00 or \$10.00 per doz. Asparagus Sprengeri, for 2 1/2-in. pots, fine for fern dishes, at 10c per 100. Cash with order. Joseph Towell, Paterson, N. J.

SPRENGER, \$2.50 per 100; \$20.00 per 1000.
PLUMOSUS, \$3.50 per 100; \$30.00 per 1000.

Extra fine plants, ready to ship into 3 1/2-in. pots.

JACKSON & PERKINS CO., Newark, New York.

Asparagus plumosus nanus, strong, 2 1/2-in., \$3.75 per 100; \$25.00 per 1000. Asparagus Sprengeri, strong, 2 1/2-in., \$1.75 per 100; \$15.00 per 1000. Buckley Plant Co., Springfield, Ill.

Asparagus per 100. Sprengeri, 2-in., \$1.50; plumosus, 2-in., \$2.50; decumbens, 2 1/2-in., \$10.00. Sprengeri seed, \$2.00 per 1,000; 50c per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, strong 2-in., \$1.50 per 100; 2 1/2-in., \$2.50 per 100; 4-in., \$3.00 per 100. Will exchange for a few hundred carnations. M. J. Coventry, Fort Scott, Kan.

We have a fine lot of A. Sprengeri and plumosus in 2, 2 1/2 and 3-in., ready for a shift. They will make you money. Geo. A. Kuhl, Pekin, Ill.

Asparagus, extra strong and fine. Plumosus, 3-in., \$4.00; 2 1/2-in., \$2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Asparagus Sprengeri, from 3-in. pots, \$5.00 per 100. Asparagus plumosus nanus, from 2 1/2-in. pots, strong, \$6.00 per 100.

WOOD BROS., Fishkill, N. Y.

ASPARAGUS PLUMOSUS NANUS.

Cut strings 3 to 4 in., \$2.50 cents per string.

W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, extra strong plants from flats, ready for 3-in. pots, \$2.00 per 100. E. Louise Leonard, Sequim, Tex.

Asparagus Sprengeri, extra strong, 4-in., \$3.00 per 100. Cash. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

2000 Asparagus plumosus, fine, strong plants, 2 1/2-in. per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, from flats, \$2.00 per 100, express prepaid. Mitting Floral Co., Leominster, Cal.

Asparagus Sprengeri and plumosus, strong 3-in., 1c each. E. J. Myers, Florist, St. Joseph, Mo.

1,000 Asparagus tenuissimus, 2 1/2-in., \$3.00 per 100; \$35.00 per 1,000. Alfred H. Walker, Hollis, N. Y.

A. Sprengeri, fine, 2 1/2-in., \$2.50 per 100; 3-in., \$1 per 100. Cash. C. L. Osborn, Sidney, Ohio.

Plumosus nanus, 2 1/2-in., \$4 per 100. Henry Weston & Bro., Hempstead, N. Y.

Asparagus Sprengeri, strong 4-in., \$3.00 per 100. H. Hills, Elkhart, Ind.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hills, Elkhart, Ind.

Asparagus Sprengeri, seedlings, \$1.00 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MacBearn, Lakewood, N. J.

ASPIDISTRA.

Pot-grown plants of ASPIDISTRA. The green and variegated leaves. Have a large stock, in perfect condition, of both. Leaves measuring from 20 to 30 inches. Write for prices on above; also price on bulbs, roots and plants.

F. W. O. SCHMITZ, Princeps, N. Y.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 3 1/2-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list.

BOBBINK & ATKINS,
RUTHERFORD, N. J.

BEGONIAS.

LORRAINE BEGONIAS. We make the following SPECIAL OFFER to reduce our stock to a certain limit of space which we can devote to this plant, and this offer will be withdrawn as soon as stock is reduced to this limit.
Gloire de Lorraine, one 100: 2-in., \$15.00; 5-in., \$50.00; 6-in., \$75.00.
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Dagger or Fancy ferns, 75c per 1000. Laurel festooning, 4, 5 and 6c per yard. Crown Fern Co., Millington, Mass.

Southern Wild Smilax, new crop ready now. Caldwell or the Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

PURE BONE MEAL.
 The brand we are selling has no superior. It is pure bone, guaranteed free from acids, and is sold at as low rates as many inferior brands, which cannot be used with safety in greenhouse culture. 50 lbs., \$1.00; 100 lbs., \$2.00; 200 lbs., \$3.00; 1000 lbs., \$14.00; ton, \$27.00.

ANALYSIS:
 Nitrogen..... 3 to 4% per cent
 Potash..... 1 to 1 1/4 per cent
 Bone phosphate..... 50 to 60 per cent
 Equal to phosphoric acid 25 to 25 per cent.

PULVERIZED SHEEP MANURE.
 One of the most effective fertilizers and largely used by the best growers about Chicago. We ask for a trial order from every one who has not given it a trial. Those who have felt assured of their patronage. Price, per sack of about 2 bushels, weighing 50 to 100 lbs., \$1.50; 500 lbs., \$5.00; ton, \$10.00.

HORN SHAVINGS.
 Especially useful where bedding plants are largely grown. 25 lbs., \$1.00; 100 lbs., \$3.00; 1000 lbs., \$22.00.

F. H. HUNT, 76-78 Wabash Ave., Chicago, Ill.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothoe sprays, address the introducer.

Harrison P. Kelsey,
 218 Tremont Bldg., Boston, Mass.

Reduction in price of Galax, DELIVERED FREE anywhere in U. S., for ONE DOLLAR per thousand.

AMERICAN ROSE CO., Washington, D. C.

The new green GALAX shipped by express; quality good. Bronze GALAX shipped from cold storage, New York. Write for prices. J. G. LLOYD, Montezuma, N. C.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 23-26 Court Sq., Boston, Mass.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. Crown Fern Co., Millington, Mass.

Galax leaves, \$1.00 per 1000 delivered. Geo. M. Carter, Evergreen, Ala.

GARDEN TOOLS.

Parlin & Orendorf Co., Canton, Ill.

GLASS, ETC.

Tremow's Old English Glazing Putty, Semi-Liquid, made only in America by Hammond's Paint and Slug Shot Works, Fishkill-on-Hudson, N. Y.

Try LUCAS for Glass, Paint and Putty. A pamphlet on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Greenhouse glass, Benjamin H. Shoemaker, 205 to 211 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

HOP POLES.

Cedar hop poles, 2 to 4-in. butt, 17 to 24 ft. long, \$5.00 per 100. H. E. Akers, Chatworth, N. J.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Sadde River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Induced by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

Slaughter, Grape Dust, Etc. B. Hammond, Fishkill-on-Hudson, N. Y.

LEAF MOLD.

Leaf mold, 3 years old, \$1.00 per barrel. Converse Greenhouses, Webster, Mass.

PAINT.

Hammond's Greenhouse White. B. Hammond, Fishkill-on-Hudson, N. Y.

POTS.

Red pots, Azalea pots, Bulb and Seed pans, Fern dishes, etc.

Azalea pots, also suitable for Boston ferns, 6-in., 6c per doz.; 7-in., 7c per doz.; 8-in., 9c per doz.; 10-in., \$1.25 per doz.

Bulb and seed pans with rim, per 100: 6-in., \$1.75; 7-in., \$4.75; 8-in., \$5.25; 10-in., \$10.00; 12-in., \$14.00.

Fern dishes without rims, per 100: 6-in., \$3.25; 8-in., \$3.75; 7-in., \$4.75; 8-in., \$5.25.

Special prices on large quantities. No charge for packing.

C. C. FOLLWORTH CO., Milwaukee, Wis.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. HEWES & CO., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Kelly & Son, 35-37 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Standard Pots, white bottoms, well burned and porous. Reduced prices.

Harrison Pottery, Harrison, Ohio.

Red Standard Pots, the best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Pots. Sample pot and price list on application. C. C. Follworth Co., Milwaukee, Wis.

Red Pots. Colesburg Pottery Co., Colesburg, Iowa.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Patent Co., Kingston, N. Y.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10-bale lots, \$2.60. Send for sample bale. Z. K. Jewett & Co., Sparta, Wis.

Freshly gathered and clean. Price as last adv. H. E. Akers, Chatworth, N. J.

TABACCO DUST.

Tabacco dust, \$1.25 per 100 lbs., 32.25 per 200 lbs., \$4.50 per 500 lbs., \$5.00 per 1000 lbs.

Van Keyser glazing points, 60c per 1000, \$5.50 per 10,000.

Galvanized plant stakes for carnations: 2 1/2-ft. long..... \$3.50 per 100; \$7.00 per 1000 3-ft. long..... 1.50 per 100; 3.00 per 1000 5-ft. long..... 1.50 per 100; 3.00 per 1000

GRIFFITH & TURNER CO., Seedsmen, Baltimore, Md.

We sell the FLORIST'S MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and is durable. Sample 10c, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoo Bros., 226 North 9th St., Brooklyn, N. Y.

DO NOT TIE UP roses or carnations until you have read our circular on wire. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clump Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45 1/2, 49 Wabash Av., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs, 22nd St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

WAPPINGERS FALLS, N. Y.

The first annual exhibition of the Wappingers Falls Dahlia Society was held Sept. 20 and 21 and the display was excellent. The show of dahlias was extensive but many other flowers and some decorative plants were exhibited.

Ten long tables were filled with the exhibits of dahlias, garden flowers and wild flowers, with a general bank of wild flowers for a background. An eleventh table was for decorative purposes.

The largest exhibit of dahlias was made by Mr. George Howarth, whose exhibit embraced four hundred varieties, including almost endless variations of the cactus dahlia. Herbert Cottam's display of wild flowers was equally attractive, his exhibit occupying an entire table. The most artistic table decoration was arranged by Miss Lizzie Baxter.

Mr. William G. Salford of Poughkeepsie had a fine display of show plants and palms. The exhibits were all judged by Mr. F. R. Pierson, the well known florist of Tarrytown.

Among the leading prize winners were the following: Wm. Thorne, Mrs. John Wood, Herman Harcourt, Mrs. W. Johnston, Guy Harcourt, Mr. Paul Hilda Howarth, John Parkinson, Percy Alverson, Herbert Cottam, Marion Dyson, Mary Downey, Rowland Blythe, Edith Keeler, Helen Connolly, Madeline Blythe, Irving Grinnell, I. T. N. Harcourt, Adam Laub & Sons, W. G. Salford (Poughkeepsie).

Geo. H. Howarth is secretary of the society.

AMERICAN FLORICULTURE.

Census Statistics.

The Census Bureau has announced the statistics of commercial floriculture in sixteen States, showing an aggregate value of \$11,000,000 of flowers and foliage plants raised in 1899, with 3,895 establishments and \$35,000,000 as the value of the lands and buildings. The value of flowers and plants raised in 1899 follows: Alabama, \$39,328; Colorado, \$183,303; Connecticut, \$482,977; Delaware, \$52,792; District of Columbia, \$507,123; Idaho, \$2,330; Maine, \$134,232; Massachusetts, \$1,436,188; New Hampshire, \$104,559; New Jersey, \$1,893,839; New York, \$2,622,899; Ohio, \$1,342,470; Pennsylvania, \$2,043,124; Rhode Island, \$288,659; Vermont, \$50,543.

In these sixteen States are 3,895 establishments whose area is 30,250 acres, value of land and buildings \$35,469,487, value of buildings alone \$15,709,560, value of implements and machinery \$863,518, value of flowers and foliage plants \$11,208,631, value of other products \$239,030, amount expended for labor \$2,738,426.

The figures for the other States are not yet complete.

BALTIMORE.

At the meeting of the Gardener's Club held Oct. 1 it was decided to hold the annual chrysanthemum show in Lehmann's Hall Nov. 12 to 15.

President Halliday appointed the following committees:

Show Committee—Robert L. Graham, chairman; George O. Brown, Phillip B. Welsh, William Lehr and Isaac H. Moss.

Reception Committee—Richard Vincent, Jr.; F. G. Burger, Edwin A. Seidewitz, John Wagner, Charles L. Siebold, John J. Perry, William P. Binder, William Frazier, John A. Cook, William Johnston, E. Holden, M. J. Hannigan, John Rider, P. S. Erdman, Wm. Christie.

Special Premium Committee—John Donn, Thomas Patterson, Conrad Hess, Henry Fisher, Fred C. Bauer.

Press Committee—Geo. Brown, N. F. Flitton, Wm. McRoberts.

COLUMBUS, OHIO.

The cut flower trade is very active, consisting mostly of funeral work. The severe frost which came unexpectedly, to many, killed all out door flowers that were not protected.

S. F. Stephens has some fine mums but his roses take the cake, being the finest in the city.

E. L. Charles, decorated for a large opening last week. He has the stuff to do it with.

Mr. Coursey, of the State Hospital, is cutting some fine carnations, having an excellent crop this year.

Miss Hester A. Getz has filed a petition in bankruptcy, the assets being \$6,984.41.

Miss Gertrude E. Charles is visiting friends at Delaware, O.

Mr. Lewis Ullrich, Tiffin, O. was a visitor the past week. G.

NEWPORT, R. I.—James Hill, late gardener to Mrs. H. Montmer Brooks, died recently.

WILD SMILAX

SELECTED STOCK.

No. 1.	50-lb. cases, delivered	\$5.00
No. 2.	40-lb. cases, delivered	4 50
No. 3.	30-lb. cases, delivered	3 25
No. 4.	25-lb. cases, delivered	3 00

LONG NEEDLE PINES, 3 to 5 feet, delivered . . . \$3.00 per doz.
 SABAL PALM LEAVES, delivered 3.50 per 100.
 GREEN SHEET MOSS, a perfectly clean article, 25 lbs. delivered for \$3.00
 GALAX LEAVES . . . \$1.00 per 1000 delivered.
 LEUCOTHOE SPRAYS, 3.50 " "
 FERN LEAVES 1.00 " "

Let us figure now with you on your Xmas Holly. Write for catalogue on all Greens. Cash from unknown correspondents.

GEO. M. CARTER, EVERGREEN, ALA.

Mention The Review when you write.

EVANSVILLE, IND.

Business is looking up; no doubt about it. The weather is cooler, the nights, especially, which causes roses and carnations to look much better, the foliage being a darker green and the blooms more solid. Last night (October 4) we had a killing frost, the thermometer going down to 30 degrees at 5:30 the morning of October 5, and no fire! Have not started firing yet—trying to harden things a little.

No mildew, to speak of, as yet on roses nor rust on carnations. A very little stem rot has manifested itself on the carnations the last few days, but nothing to cause one to walk in his sleep or have bad dreams.

Chrysanthemums are looking well and are nicely set with buds, with prospects of having plenty of bloom of good substance for all purposes. The old Diana is just the thing for funeral work, where a good white of medium size is wanted. The flower is larger than a carnation, flat and close petaled, making it fine for groundwork in set pieces. Do not see it mentioned in the lists of latter day mums; too old fashioned, perhaps, but it gets there just the same.

There will be no chrysanthemum show here this fall, except the individual shows made by some of the enterprising florists of the place. But more of this later on. J. H. W.

TARRYTOWN, N. Y.

At the meeting of the Tarrytown Horticultural Society held Sept. 26 the principal business was the report of the executive committee regarding the November show. There was a large attendance.

The display of dahlias was very fine. Mr. Joseph Harworth receiving honorable mention and Mr. David McFarland a vote of thanks for their displays. Mr. Wm. Scott also received a vote of thanks for a display of flowering shrubs.

An essay on "Hardy Shrubs" was read by Mr. Thos. Cockburn and the subject was discussed by many members. Mr. Cockburn was given a vote of thanks for his paper.

H. J. RAYNER, Cor. Sec.

ORANGES.

Best named sorts, beautiful bushy plants, blooming size, grafted two years, 12-inch, \$20.00 per 100.

CALADIUMS.

40 best named sorts, dry bulbs, 1½ to 2½-inch in diameter, \$10.00 per 100, \$50.00 per 1000; 1 to 1½-inch diameter, \$8.00 per 100, \$70.00 per 1000

FICUS ELASTICA.

Top cuttings, 12-inch\$20.00 per 100.

PHOENIX--Farinifera, Pumila and Reclinata.

4-inch pots, 12-inch, 5 to 6 leaves, 1 to 2 leaves showing character, \$15.00 per 100.
 6-inch pots, 24 to 30-inch, 6 to 8 characterized leaves, **VERY FINE**, \$75.00 per 100.

PHOENIX--Sylvestris and Tenuis.

5-inch pots, 20 to 24-inch, 5 to 6 characterized leaves, **FINE**, \$25.00 per 100.
 6-inch pots, 20-inch, 6 to 7 characterized leaves, **FINE**, \$60.00 per 100.
 6 to 7-inch pots, 24 to 28-inch, 9 to 11 characterized leaves, **VERY STOCKY**, \$90.00 per 100.
 Not less than 50 of a class at above rates.

P. J. Berckmans Co.,

INCORPORATED.

Fruitland Nurseries, AUGUSTA, GA.

Mention The Review when you write

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST



For Particulars Address

JOHN G. ESLEA, Secretary, SADDLE RIVER, N. J.

FLORAL PARK, N. Y.—Louis Siebrecht is taking out a Scollay portable boiler that has been in use for twenty-nine years, and is replacing it with one of the Scollay improved boilers. Mr. Siebrecht thinks a record of twenty-nine years is a good one for a boiler.

WASHINGTON, D. C.—The United States Department of Agriculture announces an examination to be held November 2, for the position of assistant pomologist in the Bureau of Plant Industry.



LORRAINE BEGONIAS

.....We Offer in Prime Condition

BEGONIA GLOIRE de LORRAINE.		BEGONIA PINK GLOIRE de LORRAINE.	
2-inch pots.....	\$15.00 per 100	2-inch pots.....	\$15.00 per 100
5 "	50.00 "	3 "	25.00 "
6 "	75.00 "	6 "	75.00 "
BEGONIA GLOIRE de LORRAINE "ERECTA COMPACTA,"			
2-inch pots.....	\$15.00 per 100	3-inch pots.....	\$25.00 per 100
		6-inch pots.....	\$75.00 per 100

This special offer is made to reduce our stock to a certain limit of space which we can devote to this plant, and will be withdrawn as soon as reduced to this limit. Without a doubt, the demand for this, the most important and valuable of all winter flowering plants, will this season again be far in excess of the supplies now in sight.

While all the Lorraine Begonias are difficult plants to handle during the spring months, we know of no other soft wooded plant which grows so freely at this season of the year, and with the most ordinary facilities you will have no difficulty in successfully growing now, and flowering it at a handsome margin of profit for the holidays.

To give best results, the larger sizes, above three-inch, must be shipped in pots.

HENRY A. DREER, 714 Chestnut Street,
PHILADELPHIA, PA.

Mention The Review when you write.

INDIANAPOLIS, IND.

Trade Notes.

Trade in general seems very fair for this season of the year. Good stock of all kinds moves very well but the supply is still rather limited in really good stock. Many roses are middlevell, but most of the carnations that come in are very fair. The end of this week will likely see some chrysanthemums in this market. We have had no "mum" weather up to date and there has been no demand for them yet. Present indications are that the quality in general will be very good as nearly all the plants have made a short, heavy growth on account of the heat the past summer, except where the houses were heavily shaded. Carnations, too, are making strong growth and the quality will be very high this season.

The State Florists' Association met at the Commercial Club room on the first day of this month and a good number were present. The main question before the meeting was as to whether badges to be used during the show in November should be furnished by the Florists' Association or whether they should be supplied by the association which has the show in charge. It took about an hour's debate to decide that they should be furnished by the show management. A committee was appointed to arrange for receiving and entertaining the visiting florists. John Hartje had on show a lot of very promising carnation seedlings and among them were some fine whites. A. B.

HEMPSTEAD, L. I.—Extensive improvements are being made at the greenhouses of George Rogers. One new house, 22x 165, is being inclosed, and two No. 12 Scollay Invincible boilers are being installed to heat the eight houses. When completed Mr. Rogers will have a thoroughly modern and well equipped plant.

FRAMINGHAM, MASS.—Sewall Fisher, well known to the trade in the past as a carnation grower, has retired from business and has removed to Boston.

SIBLEY, ILL.—Wm. Kirkham, formerly of Chicago, is now in charge of the greenhouses of Henry Diers here.

Palms, Etc. **STRONG, HARDY STOCK.**

- Areca Lutescens.** 3 plants together: 4-in., 25c; 6-in., 75c and \$1.00; 8-in., \$2.00 and \$2.50. Extra large specimens, \$35.00.
- Kentia Belmoreana.** 4-in., 35c, 40c and 50c; 6-in., 75c and \$1.00; 8-in., \$2.00, 3 plants together, bushy and handsome: 6-in., \$1.50; 7-in., \$2.00; 8-in., \$3.00 and \$3.50.
- Kentia Forsteriana.** 4-in., 35c and 40c; 6-in., 75c and \$1.00. 3 plants together, 8-in., \$3.00.
- Latania Borbonica.** 4-in., 25c; 6-in., 50c and 75c; 10-in., \$3.00.
- Dracena Fernaldia.** Strong, 6-in., 50c and 75c.
- Piety's Elastica.** 4-in., 25c; 6-in., 50c and 75c.
- Pandanus Utilis.** 4-in., 30c; 6-in., 35c.
- Pandanus Veitchii, Livistona Rotundifolia, Coccoa Weddelliana, Dracena Sanderiana, etc.,** in popular sizes. Also a large stock of strong and healthy young plants, 2 1/2 and 3-in. pots, of all kinds. Send for descriptive price list.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

Walter Retzer & Co.
2045-59 North Halsted Street,
CHICAGO.

HEADQUARTERS **PERFECT STOCK.**
.....FOR

LATANIAS 7-inch, 7 to 9 leaves, \$9.00 per doz., \$70.00 per 100.

These palms cannot be excelled in quality or be duplicated for the money. Rush your orders along. First come, first served. Send for price list.

Begonia Gloire de Lorraine.
\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

VIOLETS-- Field-Grown.
MARIE LOUISE and FARQUHAR.

They are perfectly clean and healthy OR NO PAY. The finest we ever saw. Give us a trial order. Write for sizes and prices at once.

GREENE & UNDERHILL, - WATERTOWN, N. Y.
Mention The Review when you write.



LATANIA BORBONICA.

Latania Borbonica	Pot.	Height.	Leaves, Each.	Doz.	100
"	2 1/2	3	5 to 6	\$ 0.60	\$ 4.00
"	3 1/2	12	5 to 6	1.00	8.00
"	3 3/4	12 to 15	5 to 6	80.15	1.50
"	4	15 to 18	5 to 7	.25	3.00
"	5	18 to 22	6 to 7	.25	3.00
"	6	18 to 24	6 to 8	.75	7.20
"	7	22 to 26	7 to 9	1.00	10.00

BOSTON FERNS. We have extra strong bushy plants in the following sizes: 5-in., \$3.00 per doz., \$20.00 per 100; 6-in., \$5.00 per doz., \$35.00 per 100.

We are sold out of Nephrolepis Witboldii in sizes larger than 4-inch at \$3.00 per doz. If you want any of these order at once—they are going fast.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

LATANIAS

We have a big stock of Latania Borbonica, the best selling Palm. It is all good value at the price, the 5, 6 and 7-inch sizes particularly so.

Let us have your order **NOW** while shipments may be made safely by freight.

ASPARAGUS.

Our stock is large and in splendid condition.

SPRINGBELL.		PLUMOSUS NANUS.	
2-in. pot.....	\$0.50 doz. \$ 3.00 100	2-in. pot.....	\$0.50 doz. \$ 4.00 100
3 " " " " " "	1.00 " 3 " " " " "	3 " " " " " "	1.00 " 3 " " " " "
4 " " " " " "	1.50 " 4 " " " " "	4 " " " " " "	1.50 " 4 " " " " "
5 " " " " " "	2.00 " 5 " " " " "	5 " " " " " "	2.00 " 5 " " " " "
6 " " " " " "	4.00 " 6 " " " " "		
7 " " " " " "	6.00 " 7 " " " " "		
8 " " " " " "	9.00 " 8 " " " " "		

From seed boxes, \$25.00 per 1000.

Mention The Review when you write.



Big... Bargains in Palms.

To make room quick I will sell very **CHEAP FOR CASH.**

3-in., strong, fit to shift in 4-in.	\$18.00
4-in., " " " " " "	\$3.00
5-in., " " " " " "	\$5.00
Kentia Belmoreana.	
3-in., strong, fit to shift in 4-in.	\$15.00
4-in., " " " " " "	\$3.00
5-in., " " " " " "	\$5.00
Kentia Forsteriana.	
3-in., strong, fit to shift in 4-in.	\$15.00
4-in., " " " " " "	\$3.00
5-in., " " " " " "	\$5.00
Latania Borbonica.	
4-in., strong, fit to shift in 5-in.	\$ 15.00
5-in., " " " " " "	30.00
6-in., " " " " " "	50.00
7-in., " " " " " "	100.00

8000 Carnations.

Fine healthy, bushy, well grown field plants, no buds on them. E. Crocker, Scott, Gomez, G. Lord, Mrs. Fisher, America, Joest, Red Wave, Snow Queen, Portia, Daybreak 1st size, \$4.00; 2nd size, \$2.50. **Cash with order.** I study to please every patron and pack carefully in **light boxes.** I guarantee entire satisfaction and big value for the money. We have three express companies—Adams, American and United States.

Chas. T. Siebert, Pittsburg, Pa. Sta. B. Mention The Review when you write.

Burpee's Seeds Grow

XXX SEEDS

PANSY—FINEST GIANTS. critically selected, mixed; 400 seeds, \$1.00; half pkt., 50c.
PANSY "BUFFALO" New Giant Fringed and Ruffled, grand, mixed, 600 seeds, 50c.
CYCLAMEN GIGANTEUM. Giant flowering, mixed. 200 seeds, \$1.00; half pkt., 50c.
CHINESE PRIMROSE. Finest grown, mixed, 500 seeds, \$1.00; half pkt., 50c.
CINERARIA. Finest dwarf, 1000 seeds, 50c.
JOHN F. RUPP. - - Shiremanstown, Pa. The Home of Primroses.
 Mention The Review when you write.

HARDY HERBACEOUS PERENNIALS.

Field-grown plants, as follows: Coreopsis Lanceolata, Gaillardia Grand Aquilegia, mixed; Aquilegia Chrysantha, Anemone, mixed, choice colors; Antirrhinum Queen of the North, Homocordalis Flava, Hardy Pinka, 5 varieties, \$5.00 per 100. **PANSIES**—extra fine strain, large blooming, ready about Sept. 20th, 50c per 100 by mail; \$4.00 per 1000 by express. Cash with order please. **CHARLES S. DITTON,** 85 W. 12th St., HOLLAND, MICH.
 Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Growth Cool.
J. B. HEISS,
 The Exotic Nurseries. DAYTON, OHIO.
 SEND FOR PRICE LIST.

Big Bargains!

	Per 100
Chinese Primulas, white only, 2 1/2-in.	\$ 1.25
Cinerarias, 2 1/2-in.	2.00
New Yellow Baby Primrose, 2 1/2-in.	1.50
Smilax, 2 1/2-in.	3.00
Latania Borbonica, 2 1/2-in.	3.50
Kentia Belmoreana, 3-in.	12.50
Kentia Forsteriana, 3-in.	12.50
Pansy Seed, choice mixed, \$3.00 per oz.	
Pansy Plants, 50c per 100 by mail, \$4.00 per 1000 by express.	

—CASH—

THE MORRIS FLORAL CO., Morris, Ill.
 Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,
RICHMOND, INDIANA.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs.

KANSAS CITY, MO.

Trade is all that could be expected. It started off with a rush the last week in September and is keeping up at a very satisfactory pace.

For the funeral of the late K. E. Armour, which took place Sept. 30, the floral designs were far superior and more costly than anything of the kind ever seen before in Kansas City. The most elaborate design was a standing wreath for \$125, a flat wreath for \$50, a pillow for \$50, arranged by Samuel Murray; a six foot standing cross solid with yellow roses garlanded with Meteor for \$100, a pillow for \$50, and a dozen flat wreaths of orchids, valley and roses, ranging in price from \$20 to \$40, made by W. L. Rock; three bunches of American Beauties at \$50 each, a tall handle basket of roses for \$50, and a wreath of galax leaves and pink roses for \$25, executed by Arthur Newell. There were also several handsome pieces made by the florists of Chicago and notwithstanding the long distance traveled they arrived here in perfect condition. It is estimated that the total cost of the floral display amounted to \$3,000.

The rose crop is good and enough of them to supply local trade. Carnations are tardy and it will be a month yet before we get good salable stock. The Chicago commission houses have been shipping good carnations to this market for several weeks. The first mums made their appearance Oct. 1.

The fall festivities will be celebrated this week beginning Wednesday night with a grand ball at convention hall. W. L. Rock will decorate for the occasion, using some flowers, several dozen palms and one hundred crates of southern smilax. The fall festivities will mark the opening of the social season here, and the craft are sanguine of another prosperous season.

H. J. M.

OMAHA.

Trade has been on the hustle for the past week, funeral flowers and work being in great demand. Stock, especially carnations, seems to be steadily improving. In roses, Bridesmaids, and some of the Beauties, lack color. The first violets are in. They came from Faulkner and Donaghue. The latter has three varieties blooming at present, Wales, La France and California.

Prices have gone up a notch and are about as follows: Beauties, \$1 up to \$2 per dozen for 24-inch; Brides, Meteors, and Maids, \$3 and \$4 per 100; Peles and Gates, small, \$3 per 100. Carnations \$1.25 to \$1.50 per 100.

Our market is in a peculiar condition just at this time. You can not buy, nor see, any flowers except roses and carnations. This is wrong, for the retailer needs, and should have, a variety.

A. Donaghue, Jr., has returned from Europe. J. B.

COUNCIL BLUFFS, IA.—The Younkerman Seed Co. has been incorporated with a capital stock of \$15,000. Oscar Younkerman and A. F. and W. C. Grote are the owners and managers.

FINE CARNATION PLANTS, Field Grown.

Crocker, Joost, Crane, Cloud, Armazindy, Wood, Evanston, \$4.50 per 100; \$1.25 per 100 in 300 lots.

POEHLMANN BROS. COMPANY, Morlon Grove, Cook Co., Ill.
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150,000 Field-Grown Carnations 6 Acres

Our carnations have grown very fast the last two weeks and are now as fine and healthy plants as we have ever sold. We have no stem rot, dead leaves or disease of any kind.

Ethel Crocker, Genevieve Lord, 2nd size, \$4 00 per 100.

Triumph, C. H. Duhme, Melba, Maud Adams, Albertini, 1st size, \$5.00 per 100.

Triumph, Wm. Scott, Mrs. Fisher, C. H. Duhme, Melba, Crimson Sport, Meteor, Albertini, 2nd size, \$3.00 per 100.

QUEEN LOUISE,

\$12.00 per 100.....\$100.00 per 1000.

Reports coming in from our customers show that QUEEN LOUISE has equalled or surpassed in growth all the other varieties of carnations. It is the best WHITE Carnation grown. You will miss it if you do not plant it largely. Send in your order early.

J. L. DILLON, BLOOMSBURG, PA.

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Field-Grown, Clean and Healthy.

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MADISON SQUARE GARDEN.

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Space for Trade Exhibits at Low Rates. Complete Schedules now ready and will be mailed on application. Entries close October 17, 1901.

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20,000 Field-Grown..Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching.

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Fine plants of good, clean stock of the following varieties, ready for the bench:

America.....	\$4.00 per 100;	\$35.00 per 1000
Jost.....	4.00 "	35.00 "
Evanston.....	3.00 "	25.00 "
Scott.....	3.00 "	25.00 "

250 at 1000 rate.

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Genevieve Lord, the best pink, strong, 1st size, \$5.00 per 100, \$50.00 per 1000; 2d size, \$5.00 per 100, \$45.00 per 1000.

Marquis, 2d size.....\$5.00 per 100

RED.

America, 2d size.....\$3.00 per 100
Hector, extra strong.....8.00

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2½-in., strong, \$3.00 per 100, \$25.00 per 1000.

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IT IS MADE RIGHT
AND THE PRICES ARE RIGHT.

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Don't fail to get our samples and prices before buying elsewhere.

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Experienced growers know the value of this small stock because of the rapidity with which it increases. We have, with one exception, the largest stock of **Groff's Hybrids** in the country. Prices on application.

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ALSO GALVANIZED STEEL ROSE STAKES.

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circular.

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Crocker, Scott and White Cloud that are extra fine. at \$5.00 per 100. Cash with order. Address

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\$5.00 per 100,
\$30.00 per 1000.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found here under their proper headings.

- American Rose Co., 569
Amling, E. C., 584
Ball, C. D., 594
Barnard, W. W. & Co., 569
Bassett & Washburn, 584
Bar & Smith, 584
Bayersdorfer & Co., 570
Becker, W. C., 585
Bentley & Co., 584
Bereckman's Co., P. J., 583
Berger, H. H. & Co., 570
Berning, H. G., 584
Brinkerhoff & Barnett Engraving Co., 598
Buckley Plant Co., 587
Budlong, J. A., 584
Burpee, W. Atlee & Co., 595
Caldwell The Woodsman Co., 585
Carter, Geo. M., 583
Chicago Carnation Co., 597
Cincinnati Cut Flower Co., 584
Classified Advs., 598
Cottage Gardens, 594
Crabb & Hunter, 597
Crawford Co., M., 587
Crowl Fern Co., 583
Cunningham, Jos. H., 583
Dietrich, A. & Co., 589
Diller, Caskey & Co., 598
Dillon, J. L., 598
Dorner, P. & Sons Co., 597
Dreer, H. A., 583-594-596
Dutton, Chas. S., 586
Ehler, Fred, 581
Ehrst, Geo. M., 584
Esnet, John G., 583
Garland, Frank, 585
Garrison, Geo. M., 586
Geller, Sigmond, 587
Giblin & Co., 600
Greenleaf Underhill, 583-594
Hall, W. E., 598
Hammond, Benj., 589
Hancock, Geo. & Son, 597
Harms Park Floral Co., 597
Heacock, Jos., 581
Heini, Jos., 585
Helds, J. B., 586
Herrmann, A., 580
Hill Co., E. G., 586
Hippard, E., 586
Hitchings & Co., 586-598-600
Holton & Hunkel Co., 585-597
Hun, E. H., 584
Jezoe, John, 587
Johnson & Stokes, 581
Kassner, W. F., 589
Kellogg, Geo. M., 585
Kennicott Bros. Co., 589-592
Kentucky Tobacco Product Co., 589

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Pat. Sept. 18, 1900.



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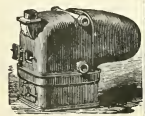
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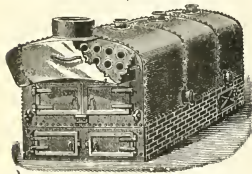
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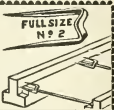
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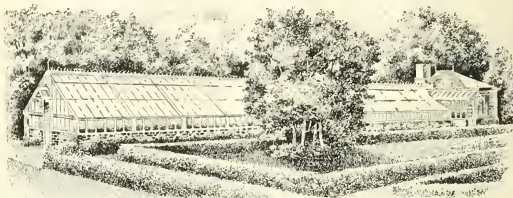
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, OCTOBER 17, 1901.

No. 203.

\$ ASPIDISTRA! \$

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Write for prices on the above, as well as all other bulbs, roots and plants.

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Lil. Longifl. Japan, 9-10 " 7.00	" 64.00
Lil. Longifl. Gigant., new, 7-9 " 5.00	" 45.00

Our Bulbs are in prime condition and will pay you well.
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ALSO DEALER IN FLORISTS' SUPPLIES AND
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M. RICE & CO.

Leading Florists' Catalogue For the Asking.
Supply House.

CATALOGUE FOR THE ASKING.

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THE RETAIL
FLORIST.....

Trimmings.

This week we present the first of a series of illustrations on plant and cut

praise. These are a few simple designs in pot covers and wall pockets made of Porto Rican matting, and show but a

quires more ability to arrange; others, we are sorry to say, who fail to see any beauty or adaptability in it; nevertheless this material is going to be much more in use the coming season because there is nothing to equal it. The public have had such a severe dose of crepe paper that the very sight of it is nauseating, yet considerable will be used because anything is preferable to a dirty plant pot. In Porto Rican matting we have a chance to display artistic ability, and when properly studied out and carefully used it will be found to be much cheaper than crepe paper.



Various ways of using the Porto Rican Matting.

flower trimmings which we hope will be of interest to many of our readers. This set was arranged by the well-known firm of M. Rice & Co., Philadelphia, whose beautiful exhibit at the Buffalo convention elicited so much

small part of the possibilities in this material.

Now, there are a great many retail florists who are averse to the use of Porto Rican matting, because it costs twice as much as crepe paper and re-

The great trouble with every claimant to fashion or popular favor is that they are overdone.

A good plant or flower needs very little, if any, trimming; the poor or average stock, which constitutes 75 per

cent of what is annually offered, requires to go through the hands of the artist in order to either make it presentable or to get out its full value. The only chance the retailer has of making a little extra money on plants is to use his utmost ability in arranging them; his investment may turn out to be a dead loss were he to offer the stock as received from the grower; it is the setting of the diamond that shows the gem to advantage, and every plant

find even the most reckless buyer will sometimes object to the fancy prices necessary for such stock. The most profit lies in the medium and very cheap grades, and by utilizing a little of your ingenuity you can make the cheapest often look more enticing than the costliest.

For instance, suppose you buy some flats of tulips or hyacinths; you cannot offer them in those dirty boxes; if you do, you'll never sell them. We

of matting costing a few cents and without a necessary bluish ask a dollar or two more than you intended for the work.

You can get the baskets used by fruit-ers for a few cents a hundred; they will fit any size pot you have. Get some, trim them as above with matting and ribbon and they are ready for instant use. Basket dealers may not like some things we write, but we don't always like what they offer; the colors of their baskets are extremely difficult to compromise with; they can do better by offering the above.

The great trouble with trimmers is the inclination to overdo the work; there is a tendency to put too many frills on things, and everything but good taste is the result. Harmonious colors and simplicity of arrangement are the two principal webs of success.

The illustration we show this week depicts only one class of work. It may be classified as a mixture of Paris and Philadelphia.

The designs appear much stiffer than they are; with the ends twice as much shirred, and softer ribbons used they would appear entirely different. As it is, if plants and flowers were shown in these they would show up much better. In New York here we have methods of using almost everything in a peculiarly American way, and we hope to be able, from time to time, to illustrate it.

Many times in decorations you will come across badly colored walls, etc., where something is necessary to bring out the full value of even green decorations; others where greens fail to emphasize the color effect of flowers. This



in the store should be so placed or trimmed as to show up its best points. Plant baskets and Porto Rican pot covers are going to be very popular the coming winter and spring.

It will be absolutely necessary for the principal city florists to use their wits in order to get more for their stock than the "Cheap Johns." The man or woman who pays from \$2,500 to \$7,000 a year for rent cannot afford to sell cheap in the sense of the street fakir or basement store; a large volume of cheap trade would not mean as much to them as a select trade, and in order to attract and keep that class they must show quality in art, even more so than in stock. Your best customers may occasionally roam away and purchase cheaply elsewhere, but for choice flowers or good work they will always return to you, providing you have that about you and your store that appeals strongly to their eye. The study of plant trimming is therefore of the utmost importance to all. At all times of the year, but most particularly at Christmas and Easter, it is the most important and attractive element in the store.

One great and prevalent trouble we find is that though we are sure the ability is there, there is a general lack of originality shown among retailers in the matter of supplies. Orders for baskets, etc., are given at the last moment, and it's a matter of being satisfied with whatever is offered, whereas if at this time of the year the retailer would only stop and think out something new, or give his supply man some idea of what is best, more satisfaction and profit would result. Now, there will always be a limited demand for very rich and expensive baskets, but you will



The Chicago Market. Views in Kennicott Bros. Co.'s.

would advise you to cover that box with a thick layer of any kind of paper, tack it tightly to the box, then get a sheet of some appropriate colored Porto Rican matting and cut it in two or three widths, unravel the ends of the parts to be attached to the upper part of the flat, so as there will be fringe of from four to six inches; you can make the bottom band smaller and can fasten all with tacks and trim off with ribbon to match either flowers or matting. You can trim a good sized box with one sheet

can all be accomplished by a judicious use of the matting referred to; with a good contrasting color it makes an excellent panel-like background. For instance, you have a hall to decorate. Suppose you get a sheet of white matting, cluster it cornerwise and fringe out all round to a depth of six to nine inches; arrange a loose cluster of yellow, pink or red flowers and tie with a flowing bow of ribbon to the mat; attach all to the wall and frame off with light, irregular greens and you will have



View in J. A. Budlong's.

something to bring out color, so badly needed in many cases.

Last Christmas good big prices were got for holly sold this way. Arrange the holly in nice loose, flat bunches, leaves facing upwards; have good cluster of berries and a sprig of mistletoe in front; get a dark green mat, shirr it well and tie to the holly with a bow of red ribbon. These were bought to send as presents, and in some cases brought as high as \$3 a bunch.

It isn't a question of the cost of material; it is a matter of how you arrange and present it. That's where the value lies, and every florist should be continually on the lookout for anything that will assist him in this line. When we say high colors are to be fashionable in decorations this winter, we don't mean that that should be confined to trimmings alone. Combinations in colors will be necessary, and, as usual, will be according to individual ideas, but harmony alone will command respect. You must not value a thing for the price asked for it. Many a cheap thing has



View in Poehlmann Bros. Co.'s.



The Chicago Market. View in Frank Garland's.

more merit to it than the ultra expensive.

There are two principal ways to look at things. In the first-class florist's store you must have cheap trimming material and the very best. Take the case of ribbons. It doesn't pay to put 50 cents' worth of ribbon on a dollar bunch of flowers, and yet you are often asked to put ribbon on small orders. The mere man and the average woman don't know the value of ribbon; they judge it by its effect, consequently the cheapest grade of ribbon, providing it is of good color, is good enough for the largest part of the work turned out. But there is another section where the very finest is none too good and where you don't lose by its use.

Taffeta ribbons will more than ever be the most popular again this season. Satin finished grades will be used for fine work, but broad velvet ribbons are to be used on the highest class work. If you care to attract the eye of any particular lady customer, try the best velvet ribbon you can get on some bunch of choice flowers; use some soft green,

such as light green fronds of *Adiantum Farleyense*.

The general condition of business is unsatisfactory at present, but it is no worse, if anything rather a shade better, than other years. There is always considerable doubt and uneasiness at this time of the year, but it generally fades away with the coming of the severe weather, when country mansions are closed and city palaces are open. There will be good business this winter and they who act honestly and keep up with the times will have little cause to grumble at the end of the season. IVERA.

THE CHICAGO MARKET.

This week we take our readers on a trip through the Chicago market by means of a series of pictures of the various establishments. The growth of the wholesale cut flower trade in Chicago during the past sixteen years has been truly remarkable. From one or two houses in 1885 the number has grown to eighteen or more, each one probably handling more flowers than

either of the pioneers at that early day, and some handling truly amazing quantities daily.

Every trade visitor to the city considers a trip through the market most interesting and instructive, hence our attempt to take our readers on the trip by means of pictures. We believe they will be found interesting by all, and especially by those who purchase flowers in and consign to this market.

Chicago's shipping range for cut flowers is a large one, and extends from Buffalo and Pittsburg on the east to Salt Lake City and beyond on the west, and from Winnipeg on the north to New Orleans and Texas on the south. It is this continually growing shipping trade which has made possible the great ranges of glass in the vicinity of the city, and this trade promises to expand much further in the future.

It is not infrequently remarked by trade visitors to the city that they can buy roses and other flowers cheaper in Chicago than they can produce them in their smaller establishments, and it seems likely that the florists in the smaller cities and towns will depend more and more upon the large markets for stock in quantity, growing only a house or so themselves for transient calls, and devoting more space to fine plants for retail sales.

According to the statistics compiled from the last census of the flowers and plants produced in 1899 in only sixteen states amounted to upward of \$11,000,-



The Chicago Market. View in Wiator Bros'.

000. Of this certainly more than one-half consisted of cut flowers and for the whole country the flowers produced will probably amount to \$10,000,000. It is certainly a lively and vigorous "infant industry." And the shipping trade has been a most important factor in its development.

I told a very good customer and very excellent gentleman that he had a better place to keep his fine pair of Sweet Bays than I had—viz., his coach house. Like a sensible man he took my advice, and this spring they were in excellent order. Usually people who own Sweet Bay trees have coach houses, and that is the place for them.

Hydrangeas.

Large hydrangeas are another article that bothers some of us. A greenhouse is positively no place for them at any price because they will start to grow in the spring before you can put them outside, and then they are useless for summer decoration. A very cool, light cellar will do for them all right, but if there is a furnace in the cellar or basement it is both too warm and dry. If the cellar is really cool very little water is needed during the winter; just enough to keep them from shriveling. I saw at a large eastern establishment last October an excellent method. An excavation was made on an elevated piece of ground where water would not lie. The bench, as it may be called, was 4 or

MISCELLANEOUS SEASONABLE HINTS.



Everything should be in such shape now that although not under glass they can be moved in at short notice, for when frost does come now it is likely to be a hard one. Sweet slevia, so useful to us at the holidays, is much better out of doors, yet endures no frost. Azaleas don't want any and hydrangeas not too much.

Bay Trees.

I was surprised a few weeks ago to be cautioned by a good eastern nurseryman "not to let the Sweet Bays be injured by frost," and he was an old-countryman, at that. Grown artificially in tubs as we do, and their exposed stems, they may not be as hardy as if planted out in a shrubbery. They endure 20 degrees of frost without injury, and often more during an English winter. If coddled up in a greenhouse in winter and then exposed to even 10 degrees they may be hurt, but if gradually accustomed to the approach of winter there is no fear at all of injury till the thermometer gets down to 15 above zero.

They are getting numerous in our cities, and it is becoming quite a puzzle to know what to do with them when your patrons ask you to store them for the winter. If you put them in your coolest greenhouse you must charge at least \$1.00 a square foot for every inch of space they take up—not the space the tub occupies but the head, and also a charge for carting. And even the greenhouse is not the best place for them. I

understand the Belgians keep them in sheds, stored up one above the other, occupying little space. A shed with a little light and where there was not too much frost, would be the ideal place for them. But we don't all own one, or if we do it is a warm shed. Last fall



The Chicago Market. View in Bentney & Co.'s.

5 feet deep, 6 or 7 feet wide, and as long as you like. There the hydrangeas were stored. A covering of boards and mats did the rest, but that need not be put on till hard frost appears. That is the very best possible place; infinitely better than any cellar, and no attention needed until the warm days of April.

Shrubs.

If you do any business in shrubs now is the time to plant; the sooner the better, although if some protection is given most of the really hardy species can be planted up to winter time. Always strip off the leaves of any deciduous trees or shrubs if they have not already fallen.

I hope it is not necessary to say here that evergreens should not be transplanted after the middle of September. Don't do any, or very little pruning, to the deciduous transplanted shrubs this fall. Just leave the tops as they are, but tie them so that the snows do not break them down. Prune in the spring without fail. There is very little need of losing any of our common hardy shrubs, if good soil is put round the roots, well trodden in and, although it may sound funny to some people, if the ground is dry give them a good watering before you fill in the hole. Some unthinking people may not know that many of our fruit trees, and even forest trees, are killed during winter because their roots are dry. Trees want to go to rest in the winter with their roots moist.

WILLIAM SCOTT.

ply very rapidly no time should be lost in destroying them. The peculiar round backed form of the older leaves of the Meteor and some other varieties make the under sides of the leaves an excellent shelter for them, which is difficult to reach in young stock, by reason of the leaves being so near the pots.

To control the ravages of this pest syringing must be persisted in every bright day, as the least neglect will soon show in the increased destruction of leaves.

Green Fly.

This pest is so well known that it



The Chicago Market. Views in McKellar & Winterson's.

ROSE NOTES.

Red Spider.

Red spider is one of the most persistent enemies of the rose. It is so small as to be scarcely visible to the naked eye. To the vigilant grower its presence is soon made evident, and if left in undisturbed possession for any length of time the leaves will assume a scorched appearance. The injury is occasioned by their destroying the tissue of the under sides of the leaves, impairing the breathing of the plants. They thrive best in a hot, dry atmosphere, and as they multi-

The only effective remedy I know of is cold water sprayed on the under side of the leaves with sufficient force to dislodge the spider and eggs. Some growers object to using cold water because it subjects the plant to a sudden chill. This can easily be obviated by lowering the ventilators and increasing the temperature 8 or 10 degrees previous to syringing. Having practised this for years with good results, such as strong, hardy foliage and absence of mildew, I have no hesitation in recommending it. Warm water has a tendency to encourage a soft and rapid growth with tender foliage, a condition very susceptible to mildew.

needs no description. Its entomology is interesting, and it is well to know the habits of the enemy with whom we are in daily conflict. The most effectual exterminator of this insect is tobacco. It is used in various forms, vaporizing, smoking, etc., a careful vaporizing or smoking once a week being sufficient to keep it in check. The operation should be done while the glass is cool and the benches allowed to become as dry as can be done with safety. The smoke or vapor being cooled by contact with the glass will stay lower in the house, and the benches being dry, there will be little evaporation, allowing it to reach the lower leaves. This condition is best obtained in the morning before sunrise.

Repotting.

Repotting ought to be done as soon as the plants have completed their first growth in the 2-inch pots, and repotted again after each succeeding growth, using half-inch shifts. While entailing a good deal more labor than larger shifts, the plants are much stockier and quick in growth and make bushes much quicker.

RIBES.

CHRYSANTHEMUMS.

In chrysanthemums we have cut and sold our crop of white and yellow Fitzgrams already. We think this a good early variety, both for white and yellow. It did the best for us, grown about three flowers on a plant, planting them in the bench rather closely together. We commenced cutting and shipping the 1st of October, and they are gone in from two to three weeks, so that you have the bench room for other plants.

I really think that the early varieties, from a grower's standpoint, are the most profitable, as they are cut and sold when there are comparatively few on the market, and are handled at a season

of the year when the weather is not cold, thus saving extra protection. The best cut Fitzwygrams bring \$2.00 per dozen wholesale, grown about three blooms to a plant; and about 4 to 8 and some 10 cents each, where there are from five to seven blooms to a plant, but these of course have to have more room on the benches. We would advise securing stock of plants in the fall, as you can always make your own cuttings much better than having them shipped.

We are cutting Bergman, Glory Pacific, Lady Harriett and Primo, and will soon be cutting Johnson, Mrs. Smith, Robinson, etc. Will write about them later. Bergman and Pacific are both good standbys for medium early. Lady Harriett is a fine acquisition as an early pink variety, it having good stem, foliage, good form and is a healthy grower.

Primo, as an early white, is not much good with us. It is very similar in form to Dr. Brigham, which we have discarded. The stem is some stronger, the foliage is not as good, neither is it a very good keeper. I think it has been misrepresented as being a valuable acquisition to the florist. Our plants as a whole are looking fine, with here and there a variety not equal to representation, especially of the new varieties.

M. S. Vesey.

Ft. Wayne, Ind.

NEW YORK.

Club Meeting.

The regular monthly meeting of the Florists' Club was held on Monday night. President Walter Sheridan presiding.

due time, and that the hall would be ready for the reception of plants, etc., on Friday of this week.

Mr. W. A. Manda asked if a scale of points had been arranged for the judging of plants. This was, he said, always a source of annoyance to both judges and exhibitors; there was nothing to indicate whether quality or quantity was required, he thought, as with the case of the National Carnation and Chrysanthemum societies, there should be some scale of points for plants. This brought

the judges on what they considered the vital points. Mr. C. W. Ward said that the Carnation Society had been changing its scale of points every year, and he expected it would continue so; it was much a matter of opinion. Mr. Withers announced that the judging of carnations and chrysanthemums would be according to the scales adopted by the societies which had the development of those flowers in view. The Rose Society had no scale, else that, too, would have been adopted. He did not see how they



The Chicago Market. Views in Bassett & Washburn's.

There was a very large attendance, in fact, more so than if it had been the annual election night; had the weather been fair there would have been even a larger attendance.

The forthcoming great show at Madison Square Garden was what brought the crowd out, and the indications are that the exhibition will be well worth coming a long way to see. Mr. Withers, on behalf of the exhibition committee, reported that everything was ready, all arrangements had been perfected, the tickets would be sent out to members in

out quite a discussion. Mr. O'Mara was of opinion that the committee had considered every point. Shows had been held the world over and there was no scale of points to his knowledge in existence; it was a matter dependent on the intelligence and honesty of judges. It would, he said, now only cause confusion were any attempt made to formulate such laws.

Mr. Butterfield inquired if any one knew of the existence of a scale of points for judging plants. Mr. Manda answered that each society instructed

could entertain any proposition in regard to plants; they had appointed six of the best men they could select to act as judges for this show and they were fully competent to dispense justice. A motion to have the committee arrange a scale of points was lost.

Mr. Manda asked if in the class for eyes it was meant merely *Cycas revoluta* or eyeads. Mr. Withers was of the opinion that the intent was for eyeads, but Mr. O'Mara was of opinion that *Cycas* was meant, in order that it might bring out a greater competition. The matter was left as it is.

Mr. Phillips referred to the lack of posters and advertising matter on the show, and Mr. Sheridan replied that the bill posters would on Tuesday or Wednesday cover the city and the surrounding towns with posters, etc., and that the show would be well advertised in due time. Mr. Weathered announced that there were a number of the convention souvenirs left which members could have by calling at his office or at John Young's.

Mr. Morris laid before the club a circular issued by the Public Education Association asking for contributions of flowers, plants and botanical subjects for use in class-rooms; any one wishing to donate such may address Mrs. Schnyler Van Rensselaer, 9 West Ninth street.

H. Beaulieu, of Woodhaven, L.I., exhibited several vases of well grown dahlias, among which were many very good seedlings of his own raising, and several new French varieties; a particularly good yellow decorative type was one called *Victor Voissier*. His blooms of *Gloire de Paris* dahlia were the largest seen here this season. The committee awarded him honorable mention for his ex-

hibit. Mr. Beaulieu is of opinion that French dahlias are far superior to those raised here. He claims there is more substance in them.

The exhibit committee in charge of the Madison Square Garden show wish to announce that on account of the season the entries for cut chrysanthemums can be made any time up to October 24th. Mr. O'Mara drew attention to the fact that his eyes were dazzled every time he looked at the end of the room and he asked for information as to the cause. He was informed that the glitter emanated from the trophies (Detroit trophy and Hitchings cup) won by the bowling team at Buffalo, whereupon he moved that the ex-captain and the present captain carry them up to the platform and tell how it happened. Capt. Traedely couldn't account for it, but Capt. Lang assured the club the cup would remain here with others at present resting in other towns.

The committee on nomination for officers held their first meeting; they will report at the November meeting.



View in Geo. Reinberg's.

dahlias at this meeting; several new varieties were seen here for the first time. J. W. Withers exhibited a remarkably fine collection of forty-eight varieties, embracing the best in all types; they were grown in his own gardens. Beaulieu, of Woodhaven, showed several of his seedling dahlias and some blooms of Mme. Peret pansies. Siebrecht & Son, of New Rochelle and New York, displayed some beautiful *Cattleya labiata*, and *C. labiata alba*; and Theo. Have-meyer sent a lot of fine dahlias.

There was quite an interesting discussion on dahlias and their culture. Mr. Withers urged late and deep planting. He said from the 15th of June to the 4th of July was the best time for dahlia planting. Mr. Henshaw spoke of old-time dahlias; he thought they had just as good, if not better, dahlias in the '40's. Mr. Beaulieu was of opinion that dahlias degenerated in this climate, and that it was necessary to import new stock. Dr. Hexamer gave his experiences in their culture, and Mr. Barron spoke on the different types. The next meeting will



View in J. B. Deamud's.

The entertainment committee then took charge and dispensed refreshments. John P. Cleary manned the piano and Messrs. Butterfield, Plumb, Wallace, Nash and Hogan sang and danced to the enjoyment of those present.

Mr. O'Mara drew attention to the recent demise of Peter F. Daly, of Granton, N. J., and moved that a committee of three be appointed to draw up a set of resolutions to express the sympathy of the club. The chairman appointed Messrs. Morris, Birnie and Weathered to attend to the matter.

Horticultural Society.

The Horticultural Society of New York held a meeting at the Berkeley Lyceum on Wednesday afternoon, and as there was but a slight attendance Mr. Barron's paper on dahlias and other important matters were left over till next meeting. Mr. Barron reported progress on matters connected with the proposed congress on plant hybridization; the matter was attracting attention from every source and he expected entire success.

There were some very fine exhibits of



The Chicago Market. View in A. L. Randall's.

be held the second Wednesday in November.

The Market.

About the markets—well, the least said the better. The day after we sent our last notes the bottom fell out of the price list, and it hasn't been found yet. The present week has been about the worst so far this season. Good roses could have been bought for \$2.50 per 1,000 almost any day. What we mean by good roses is good short stuff. Of course, high grades—the few select queens—brought from \$4 to even \$8, but the great bulk were slaughtered at whatever price was offered. There was no business, every ice-box was full and it was a case of getting express charges or paying the ashman.

Carnations are bringing good prices, from \$2 to \$3; valley, \$4; cattleyas have gone up to \$30, but it is expected that there will be no good business for the next few weeks. We are in the midst of a lively municipal election, the weather is mild, country life is more attractive than city, there is not a house of any consequence open on Fifth avenue or its side streets yet, and low prices and dull times must be tolerated till after horse show week.

The season has so far been very good and it will be so, therefore patience is not only a virtue, it is a post to rest on. We shall be in the middle of the great show next week and all the flowers that cannot bring \$2 per 100 should be donated to make the show worthy the city.

home last week from a most enjoyable trip through Europe.

F. Hansen, florist of East One Hundred and Eleventh street, suddenly expired in his chair last week. His place, consisting of several greenhouses and plants, will be sold at auction by Cleary this week.

A. L. Miller of East New York reports a grand showing of his dahlia *emalliflora*. He cut 15,000 flowers last week; it is the best white to grow.

PHILADELPHIA.

The Market.

The cut flower market has been somewhat depressed by the warm, dull weather, which has brought forward the crops, especially of roses, much faster than they are needed. While the demand is good the supply is far greater than the demand. One grower alone brought in 1,000 roses on Monday which were un-



The Chicago Market. Views in E. H. Hunt's.

Let the growers give the New York artists 50,000 roses to duplicate the McKinley funeral designs, or make something better for the show, and they will get more in the end than the few cents on the market.

Items.

Manager Plumb will be at the Madison Square Garden all next week, to help exhibitors.

William Hanft has ventured for the third time on the sea of matrimony; he was married to Miss K. O'Melia on Saturday evening and they went to the Pan-American.

G. M. Stump and family arrived

last week. Prices are firm on most stock that arrives in good condition.

Beauties range from 75 cents to \$3 per dozen; a few selected have even brought \$3.50. Brides, Maids and Meteors are \$3 to \$5 per 100. Kaisersins are \$4 to \$6. There are some Liberties, Golden Gates, Sunrise and La France coming in. Carnations are the best stock on the market, prices ranging from \$1.50 to \$2 per 100 for choice stock. Edward Reid is handling some Flora Hill, Ethel Crocker and Lippineott that readily bring the latter figure.

Single violets are becoming more plentiful, but do not as yet sell very well. There are also a few double violets now.

Chrysanthemums are increasing in numbers fast, and hold their price fairly well this week. David Cliff obtained \$2.50 per dozen for Glory of the Pacific. George E. Campbell, who was first with this flower last year, cut his first blooms on Monday of this week. Lady Fitzwygram, Madame Bergman and Glory of the Pacific were the earliest varieties. He has 8,000 plants in pots, all very well done. Ivory is in fine shape.

Notes.

The old Evans place at Rowlandville is sending in some very fine roses. Harry Evans is the present proprietor. Curiously enough he bears the same name, though not a relation, of Charles E. Evans, the former proprietor, who is now in California. Madame Cusin is still grown and is considered a most profitable variety.

Henry F. Michell has improved his show windows by using beveled glass, and lighting them by numerous red and green electric lights, which effectively display his assortment of fine bulbs. These windows are considered the handsomest of their kind among the seed houses of America.

Bowling.

There were lively times at the bowling alleys Monday afternoon. No doubt the presence of the prizes won at the convention were the incentive to some high scores. We don't know what the conditions are, but the Philadelphia team's failure to respond to the challenge, we were informed, was sent by the New Yorkers, is a source of considerable guessing. The scores today were:

Siebrecht	194	159	163	Lang	186	195	171
J. Theilmann	194	149	166	Van Hoesen	165	158	149
F. Theilmann	158	159	166	Lescher	147	119	
Hafner	164	154	135	Burns	117	111	171
Wallace	108	116	119	Roehrs	148	136	
Mansfield	128	128	136	Tracy	126	126	
Butterfield	130	150	141	Leutz	115	115	

J. I. D.



The Chicago Market. View in Peter Reinberg's.

The Henry A. Dreer Company has just received a gold medal for its display of vegetable seeds at the Pan-American Exposition in Buffalo.

D. L. Gorman, of North Wales, Pa., has turned his entire cut flower plant into a tomato establishment.

The Florists' Gun Club opened its new grounds at Wisconsining, Pa., last Saturday, with a successful shooting tournament. Nearly all the crack shots in and about this city were present. Ten regular and several special events were shot off and some very good scores resulted.

George Redles addressed the Germantown Horticultural Society on Monday evening. The best methods of lifting and potting house plants were discussed by the members.

The cultivation of hyacinths in pots and pans was before the Pennsylvania Society on Tuesday, also the care of celery during winter. Cosmos, chrysanthemums, dahlias and Tritoma Pfitzer were on exhibition.

Robert Scott & Sons, Sharon Hill, Pa., are cutting some Beauties with four-foot stems; exceptionally good stock for so early in the season. It will be in-



The Chicago Market. View in E. C. Amling's.



The Chicago Market. View in Weiland & Risch's.

interesting to see whether William Munro can for the third time carry off the Beauty prize at the Pennsylvania show next month.

Thomas Minge has greatly improved the grounds at Holy Cross Cemetery, near Lansdowne, Pa., during the past year. Two hundred acres are kept in beautiful order and present rich landscape effects well worth seeing. There is still much ground to improve. Time only is needed to accomplish this, as Mr. Minge's capability in this line of work has already been proven, and his achievements during the twenty-five years at Fairmount Park are well known. The place is worth a visit.

PHIL.

BUFFALO.**Business.**

There has nothing very startling occurred in the near past. Business has been fairly good, flowers very much improved, and more of them. Outside stuff is about all gone. A few violets are

seen, but they could be dispensed with for a while.

We have just started into the chrysanthemum season. Midge and Fitzwygram have been with us for a week or more, but rather a poor sample, and now we have Glory of the Pacific and its beautiful white sport, Polly Rose. There are several sports of this useful variety, but the true Polly Rose is much the best.

We are glad to see the Queen of Autumn return to us again. Never mind if the odor is not as sweet as that of violets, or that they are coarser than a Bridesmaid rose, they are gorgeous, beautiful flowers, nothing is more decorative, and they must always be popular in their rather brief season.

Notes.

Prof. John F. Cowell has just returned from the Leeward Islands, after a seven weeks' stay in those tropical, volcanic peaks. In company with Prof. Britton, of New York, he pretty thoroughly explored St. Kitts and discovered many

species of plants new to science and still more new to commerce, so the journey was profitable as well as being (I should say) a great pleasure.

Pan-American.

At our request the Pan-American management have given us \$300, to be awarded for some chrysanthemum exhibits. A list of the premiums is now published. This is but short notice, but will, I trust, be in time to bring out a good exhibit. We believe that to create an interest and produce a good show it should be competitive, and the premiums cash. I earnestly ask my friends to compete for the premiums in any class they possibly can, and I still more earnestly ask my brother florists of Buffalo and vicinity to compete in the classes for baskets, etc. Those classes were put in especially for competition among our local men and they should, and I believe will, do all they can to make the last four days of the exposition a credit to floriculture. We are aware that it is many days too early to get our finest "mums," yet there are varieties enough to make a good show and all you want is the will and interest to send the flowers and we will do the rest. W. S.

CHICAGO.

The Market.

While there are none too many good roses to meet demands, there is an abundance of medium and poor stock, and some of the latter has to be offered at very low rates to move it. Some dealers think there is a material increase in receipts, but others hold that there has merely been a lowering of the average quality. In Beauties the best seem to be rather scarce, but there seems to be plenty of the lower grades. In carnations fancies are also scarce and good ordinaries are still held at \$1 to \$1.50, but shorts and poor grades are jobbed off at low figures; we hear of some clean-up sales at as low as 30 to 40 cents a hundred. Good roses are still \$3 to \$4 and very few are fancy enough to bring \$5, while poor grades go at \$1 to \$2, and the poorest are sometimes cleaned up at 50 to 75 cents. There is some little mildew noticeable, the recent changes in the weather having apparently caught some growers at a disadvantage.

Chrysanthemums are daily becoming a greater factor in the market. Good white and yellow blooms are in good call, but sales of the pink Glory of the Pacific have to be forced to move the stock. Prices so far have averaged about the same as last year, and it looks as though the mum would hold its own as usual through the season.

Various Items.

McKellar & Winterson had one shipping order Tuesday that called for about \$200 worth of flowers and material. One of their customers had a good wedding order. They are already beginning to receive many orders for Christmas decorative material, indicating that out-of-town florists are thus early preparing for the holidays.

Kennicott Bros. Co. note a continual increase in shipping demand. Last Tuesday they had in some of the best violets seen in the market this season. Among carnations they are receiving a large cut of Crabb & Hunter's Irene.

It is certainly a very pretty and remarkably fragrant pink sort.

Basset & Washburn report a steady growth in their shipping trade and they expect the season to be an unusually good one. Their stock at Ilinsdale is in fine shape and the cut is of their usual high quality.

Bentley & Co. are receiving some extra fine Beauties and other roses from their New Castle houses, and find business strictly first class.

E. H. Hunt says the season is opening in fine shape with them, both in cut flowers and supplies. Among other new specialties they will have this season is an excellent folding cut flower box of their own manufacture.

Wieter Bros. have their stock in good shape, as usual, and are prepared to take care of their full share of the winter's trade.

J. A. Bullong is showing some roses that are strictly fancy and will handle a large cut of first class mums.

Poehlmann Bros. Co. have been cutting mums for some time and now have them in quantity. Their October Sunshine are remarkably good.

Frank Garland has just finished repainting his place all in white, to be used as a background for his oncoming army of mums, with Mr. Stewart as general.

George Reinberg is cutting his usual nice line of flowers and is especially strong in Beauties and other roses.

J. B. Deamund makes rather a specialty of orchids and shows some very fine cattleyas, oncidiums, etc., as well as a general line of other stock.

Robert C. Northam, with Weiland & Risch, met with a serious accident to one of his eyes last Tuesday. It is feared he may lose the sight of the injured eye.

Chrysanthemum October Sunshine is a remarkably fine early yellow. Splendid blooms, averaging six inches in diameter and some with stems five feet long and perfect foliage, are now being cut by Poehlmann Bros. Co. and Peter Reinberg.

Lloyd Vaughan is now in the northern Wisconsin woods, looking up the bouquet green situation for E. H. Hunt. J. C. Schemeling, Milwaukee, was a recent visitor.

Fleischman opened his State street store to the public last Friday evening. Some splendid stock was used and the floral decorations were remarkably rich. A steady downpour of rain all that evening and all the following Saturday must, however, have been discouraging. It is a beautiful store and attracts much attention from passers-by.

A brother of William Schofield, the North Clark street florist, was killed on the Northwestern elevated railroad last Sunday night. He had fallen from the platform on to the track and was run over by a train.

Larry Kelly is now with John Muno, at 51 Wabash avenue.

A regular meeting of the Florists' Club will be held at Handel Hall, 40 Randolph street, tomorrow (Friday) evening. The annual election of officers will take place and Mr. Edgar Sanders will read a paper entitled "Our Pastimes, By the Young Sport."

The time for the annual exhibition at the Auditorium is approaching and intending exhibitors should soon be prepared to make entries. If you desire a premium list you may obtain one by ad-

ressing Mr. Edwin A. Kaust, assistant secretary, 5700 Cottage Grove avenue.

John Muno is on a pleasure trip to St. Paul with a party of friends.

George Dolinski, who murdered Anton Lize, an employe of Brant & Noe, at Forest Glen, some time ago, expiated his crime on the gallows last week.

Wm. Krueger, of Krueger Bros., Toledo, O., called on the trade the past week.

Bowing.

In the third series of league games played last Tuesday evening the Retailers took three games from the Miscellaneous (thereby transporting Geo. Amus from a cave of deepest gloom to a reserved seat on a pink tipped cloud of bliss), while the Growers won two from the wholesalers, and the latter one from the former. The scores follow:

RETAILERS.				
P. J. Hauswirth	130	123	120
J. Hubner	122	122	121
E. Hauswirth	117	158	143
O. Kretling	94	.....	.....
E. Enders	110	.....	.....
Geo. Amus	169	160	176
		725	688	758

MISCELLANEOUS.				
Chas. Balluff	117	143	142
C. Frerer	110	110	124
Jno. Dezman	153	132	153
M. Fuester	110	127	124
G. L. Grant	132	141	138
		707	653	681

GROWERS.				
Geo. Stollery	145	162	115
N. A. Schmitz	147	144	179
J. P. Sinner	132	174	151
W. S. Heffron	158	131	129
F. Stollery	128	187	192
		711	798	768

WHOLESALEERS.				
Jos. Forrester	143	191	174
E. Winterson	162	146	170
C. Hughes	127	168	161
Jno. Sterrett	126	129	139
E. Bentley	165	146	120
		723	720	744

Results to date are as follows:			
Growers	.....	.....	Won. Lost.
Miscellaneous	.....	.....	6 3
Retailers	.....	.....	5 4
Wholesaleers	.....	.....	4 5
			3 6

There was an error in our report last week. For the Growers it should have been won 4 and lost 2, and the Miscellaneous should have been in first place.

A BIG EXHIBITION.

Kansas City is getting ready to show us a thing or two about flower shows. The directors of the huge Convention Hall, which seats 20,000 people, have decided to give a huge floral exhibition, Nov. 18 to 23, and to show that they mean business have appropriated the sum of \$12,000 for expenses, this aside from any considerations of rental. Of this sum not less than \$3,500 will be awarded in cash than premiums, and being informed that at some exhibitions premiums have been sealed down, or not paid when the box receipts have not been up to expectations, they offer to deposit the premium money subject to the order of the judges.

They further demonstrate their wish to make the exhibition all that it should be by securing the services of the veteran John Thorpe as superintendent. In this sort of work "Uncle John" is in his element and with the liberal financial backing he is assured of, we may expect to hear things from Kansas City.

Mr. Thorpe is full of enthusiasm over the project and is overflowing with original and striking new features that he expects to carry out. He has full charge of the arrangement of the premium list and is going to divide the amount into premiums that will attract the very best. There will be three pre-



Fleischman's New Store in Chicago.

miums in each class, and as a sample he says the premiums for best specimen plant will be \$35.00, \$25.00 and \$15.00. The premium list is now being prepared and will be issued shortly. In addition to the regular list there promises to be many special prizes. One already offered is \$100.00 for the best unnamed seedling carnation shown, the winner to be named McKinley.

Mr. F. J. Taggart, Convention Hall, Kansas City, Mo., is general director of the exhibition and inquiries addressed to him will receive prompt attention. Mr. Thorpe is now visiting eastern growers in the interest of the exhibition.

BOSTON.

Trade Conditions.

The twelfth of October was an glorious ending of an otherwise fairly good business week. Up to that day everything but roses was inclined to be a bit scarce for the amount of roofage the city represents. Although prices were not high, hopes and spirits were well up until the thermometer took an upward turn, also with the disastrous results of a flooded market and the populace planning to be out in the balmy air rather than staying indoors to look at a sample of nature sent in by the florist. It makes a difference, and was the first day of the season to make the pink growers wonder why they were ever born into this vale of woe, while the rose men wept aloud and the chrysanthemum men began to blossom out all around into several sizes of three or four colors. Breakers dead ahead and the warmer the weather the fiercer the storm will be.

Various Items.

October 10 was the date set upon for the marriage of James H. Delay, our popular Beacon street florist, who began some five or six years ago over behind the Public Garden and has pushed his trade so assiduously that now he is obliged to maintain a first-class establishment in every way. Jimmie has done

well and we can only wish his last move to be his best one, and that it will result in increased happiness and prosperity. This makes two young ladies who have demonstrated unbelief in the old saying that "Delays are dangerous" during the past two or three years. "Al" Huston, the vigorous and courteous rose disseminator to William H. Elliott, also comes in for the same thing in the same degree for the same cause. He has doubled up his joys, cares and responsibilities lately. In just his case it is unwise to wish his pathway strewn with roses, being probably too much so already, but we may breathe a desire that his days may stretch out like a 50-cent string of *Asparagus plumosus*.

The annual meeting of stockholders of the Co-operative market for election of officers and any other business was held at the Quincy House Saturday evening, October 12. I held the office of official dookeeper, filling the position with my usual grace and dignity. It was emphatically a "smoke talk," with all effects of the "pipe of peace." Hannibal Hamlin's old appellation of a "large and respectable gathering" might be used in connection with the affair, but Judge Dewey's recent famous decision has no application whatever. Still I maintain there are florists who would at times make the judge doubt the soundness of his own doctrine—that a man must be "stupefied, overcome or frenzied" in order to be drunk.

After tossing around complimentary nominations very generously the old board of officials was promptly elected on the first ballot in every case except in regard to the vice-presidency, which necessitated a second attempt. The list stands: William Stickel, president; William Nicholson, vice-president; George Cartwright, treasurer and secretary, and W. W. Edgar, Peter Fisher, E. Sutermeister, L. H. Mann, E. N. Peirce and John Walsh as additional directors. Of course, this list could not be improved upon and their willingness to serve another year is proof of their loyalty to the good of the market. None of the positions has an emolument attached except that of the treasurer.

The question of annual banquet to stall-holders took up more time than it would to dispose of the real thing. It looks as if they got the "question" and the banquet itself somewhat mixed, because they "chewed" it over so much and did not fully "digest" it after all, but finally voted to "lay it on the table"—the question, not the banquet. So unless stall-holders behave pretty well this year we probably shall not get one. Some wanted one given to stall-holders and lady friends, and some to stall-holders alone, given by the corporation; others wanted same at expense of the partakers, and others want nothing of the kind at all, and "who shall decide when the doctors (or directors) disagree?"

A carefully considered revision of the constitution and by-laws is under way, which was taken up and put through its first paces, but adjournment became necessary before completion and the relative positions of the constitution, the flag, the banquet and the price of chrysanthemums in the procession is yet undecided.

J. S. MANTER.

ST. LOUIS.

The Market.

Business has been quite fair of late, and with the cooler weather stock has improved very much, particularly the rose stock. Meteors, Brides, Maids and Golden Gates are gaining in size and color; Beauties are very fine and plenty of them in all grades. Good stock in the smaller grades is held at from \$1 to \$4 per 100; some select shipping blooms go as high as \$5; in 1,000 lots the price falls far below these prices. In roses the past week we may say there was a glut, and more are coming into this market just now than ever before. The call for select Beauties the past week was good, owing to the increased demand for the Veiled Prophet's ball last Tuesday. Still the florists about town claim that the demand has fallen off greatly from former years.

Carnations are also quite plentiful and are improving in size and color. Select grades sell for \$2, and from this price down to \$1 per 100. Some very fine Flora Hills, Scotts and Daybreaks are coming in now. The whites seem to have the call. Violets are still scarce, and the quality is not good enough to put on the market. Valley remains at \$4. Cosmos is becoming more plentiful at 50 cents. The chrysanthemums are not coming in quite as fast as was expected. A few shipments of southern stock came in the past week, and more are expected by the end of the present week. These will, of course, depress prices on local stock. The home grown stock is not plentiful just now, but more will come in before the week is out. These, with the extra amount of other stock that is coming in, will no doubt have a very depressing effect on prices of all flowers. All kinds of greens, such as smilax, adiantum and asparagus, are having a good call.

Notes.

The decorations at the Veiled Prophet's ball last Tuesday were very elaborate and won the admiration of the large crowd present. The Merchants' Exchange hall never looked better. Mr. Ed Buechel, of the Riessen Floral Company,

is to be congratulated on the good taste displayed. The flowers used for the occasion were mostly American Beauties, and some 4,000 were disposed of.

Mr. Henry Aue, of Lindenwood, has a new white seedling carnation which he calls St. Louis, and which is a very fine white, having all the requirements—stem, calyx and keeping qualities. Mr. Aue has been working up a stock of the new St. Louis for three years, and now has quite a stock of plants, which he will put on the market next season. He also has a fine pink seedling, which is not yet named. Mr. Aue expects great things from the St. Louis, and if the name has anything to do with it, it will be a success. Mr. C. A. Kuehn has the handling of Mr. Aue's stock.

Colonel Max Herzog again acted as judge at the St. Louis Fair, and again showed that he is competent to judge in all classes.

Club Meeting.

The next meeting of the club should be a banner one, as at this meeting we shall initiate Mrs. M. M. Ayers, she being the first lady to make application and to be elected a member. Mrs. Ayers says she will be present at all the meetings of the club.

The initiation will take place at 4 o'clock, and President Meinhardt has made extra preparations for the occasion. He expects all the members to be present and take part in the proceedings. This being the last meeting before the show, the committee will have a final report to make. Two essays will be read and the member who misses this meeting will miss a good thing.

The exhibition committee is holding weekly meetings at Ellis' place, working on the final prize list. The admission tickets are out and in the hands of the committee.

St. Louis Fair.

The St. Louis Agricultural and Mechanical Association held its annual fair the past week, and the attendance was, as usual, large. The floral hall, which was one of the main attractions, contained a fine collection of plants, cut flowers and floral designs throughout the week.

The principal exhibitors were William Schray & Sons, C. Young & Sons Company, Ellison & Tesson and Richard Frow. Following are the prize winners:

Largest and most tastefully arranged collection of greenhouse and hothouse plants, 1st, Schray & Sons; 2d, Young & Sons.

Pair of hanging baskets of plants, 1st, Schray & Sons; 2d, Young & Sons.

Collection of named geraniums, 1st, Schray & Sons; 2d, Young & Sons.

Collection of carnations in bloom, 1st, Schray & Sons; 2d, Young & Sons.

Collection of palms, 1st, Schray & Sons; 2d, Young & Sons.

Single palm, 1st, Schray & Sons; 2d, Young & Sons.

Arcaea luteocens, 1st, Schray & Sons; 2d, Young & Sons.

Kentia palm, 1st, Young & Sons; 2d, Schray & Sons.

Araucaria excelsa, 1st, Schray & Sons; 2d, Young & Sons.

Specimen plant of any kind, 1st, Schray & Sons; 2d, Richard Frow.

Collection of ferns, 1st, Young & Sons; 2d, Schray & Sons.

Collection of colored foliage plants arranged so as to produce the greatest contrast of color, 1st, Schray & Sons; 2d, Young & Sons.

Specimen roses in bloom, four varieties, 1st, Schray & Sons; 2d, Young & Sons.

Collection of twenty-five blooming plants for house decoration, not more than three varieties of any species, 1st, Schray & Sons; 2d, C. Young & Sons.

Floral designs, two pieces, one funeral and one festival emblem, 1st, Ellison & Tesson; 2d, Young & Sons.

Best and most artistically arranged display of cut roses, 1st, Young & Sons; 2d, Ellison & Tesson; 3d, Schray & Sons.

Table decoration, plants to be used in connection with cut flowers if desired, 1st, Young & Sons; 2d, Ellison & Tesson.

Largest, best and most artistically arranged collection of cut flowers of any kind except roses, all to be properly labeled, 1st, Young & Sons; 2d, Schray & Sons.

Pair of parlor bouquets, 1st, Young & Sons; 2d, Ellison & Tesson.

Collection of carnations, 1st, Young & Sons; 2d, Ellison & Tesson.

Lady's bouquet, 1st, Ellison & Tesson; 2d, Young & Sons.

C. Young & Sons won first for display of floral requisites, for display of floral work, for display of immortelles and grasses and for designs of artificial flowers and grasses.

Bowling.

The Florists rolled three games with the Libertys on the Cass avenue alleys last Friday night, and won two out of the three games played. Charlie Kuehn, who should have been out the game, had pluck enough to finish out the game. Kunz and Sturtz had a lot of hard luck, and Ellison and Benke rolled their best games of the season. The scores were as follows:

Florists—	B. E.	1	2	3	Total.
C. A. Kuehn.....	11	145	150	111	406 135-1-3
J. J. Benke.....	4	3	187	147	231 565 388-1-3
J. W. Kunz.....	5	12	145	142	318 490 333-1-3
John Sturtz.....	9	186	158	140	483 354-1-2
A. Y. Ellison....	4	3	204	156	202 562 187-1-3

Liberty	B. E.	1	2	3	Total.
.....	19	37	846	753	797 2,396 159-11-15
.....	16	2	3	2	3 Total.
.....	16	45	765	747	821 2,323 154-13-15

On Monday night Frank Fillmore was awakened by the barking of his dog and discovered that the petting shed at the end of his greenhouse was on fire. The fire department quickly responded and soon had the fire under control, saving the greenhouses and plants. Mr. Fillmore's loss will be about \$150; no insurance. Frank says that no doubt the barking of his dog saved the entire plant.

The Florists rolled three games with the Tigers on Monday night, October 14, and won all three games. In the second game they made the highest single game made in the league this season. Kuehn and Benke were in good form; so were Adels, Sturtz and Ellison. The team now lead in the league race with eight games won and one lost. The scores were as follows:

Florists—	B. E.	1	2	3	ToL. Av.
J. J. Benke.....	0	5	197	200	358 555 185
C. A. Kuehn.....	4	187	191	177	555 185
Will Adels.....	1	7	146	182	379 507 169
J. Sturtz.....	3	7	157	180	335 472 157-1-3
A. Y. Ellison.....	2	5	166	182	369 497 162-1-3
.....	7	28	853	905	818 2,576 171-11-15

Tigers	B. E.	1	2	3	Total.
.....	11	53	757	723	706 2,136 144-11-15

J. J. B.

PITTSBURG.

The Florist Club.

The regular monthly meeting was held Thursday evening, 10th inst. Two new members were elected and four new names proposed for membership, so you see we are a prosperous and growing body. The subject under discussion was hardy plants for cut flowers for profit throughout the summer months. Of course, this included annuals and tuberos and bulbous plants as dahlias and gladioli, that any one can save in a cellar or other warmish place over winter without the aid of a greenhouse.

At best there isn't much profit in hardy flowers, the demand being light

and prices low, but they are very useful for store window decoration. Sweet peas, mononette and Vick's branching asters were most favored among annuals. Several members said Semple's asters seemed to be losing in constitution as compared with how they were a few years ago. Among perennials, paconias, coreopsis, pyrethrum, white phlox, speciosum lilies and gaillardias received commendation. The small flowered sunflowers and golden glow rudbeckia had advocates, but it was held these flowers fade too soon after being out; one grower, however, insisted that by putting them in the cool of the evening and putting them at once into water in a cool, close place, they hold their heads up pretty well with him for a couple of days.

The finer roses may pay, but during the outdoor rose season there is such a glut of garden flowers, profits are precarious. Dahlias, if they would only behave themselves and bloom right, would be profitable, but they seldom do this unless it be in some old lady's garden under an old apple tree, in a moist, half shady place. The small variety Livoni was the favorite. All conceded gladioli would pay to grow; the paler colors are preferred for florists' work and the vivid ones for garden use.

Gus Ludwig read a letter from President Reineman, who is now traveling in Europe, telling of the grand things he was seeing in the way of dahlias, and more especially the brilliant cactus dahlias, in the German nurseries and gardens that made our mouths water. And he advised us: "Go thou and do likewise." Careful, now, boys, we've been there.

Then we all hitched up our chairs and turned our eyes and ears upon John Bader, who has recently returned from an extended European trip, and for twenty minutes John kept us listening and laughing. He told us about how the Belgians grow azaleas by planting them out in beds of lead mould in summer, and how kindly the plants take to such treatment. Also about the vast multitudes of bay trees, myrtle trees, bottle brushes, acacias and palms that are grown in those nurseries; and the rankness of the growth of hardy roses and shrubbery in the Holland Boskoop district. The Paris flower market had a particular charm for him, but he didn't see anything bodded out in the parks that we haven't here in this country.

Mr. D. Fraser showed a nice plant of *Caledonia begonia* in bloom. He doesn't think it is quite so easy to grow as are the pink Lorraines.

William Scott, of Buffalo, stand up! By a most hearty and unanimous vote of this club at this meeting you received the official recognition and thanks of this club for your most efficient work at the Pan-American exposition. This is entirely voluntary on our part and unsuggested from any source whatever. Most of us have been to Buffalo and have seen your work and we sincerely appreciate the spirit with which you entered into it and kept at it, and the excellent results you have achieved and their beneficial and instructive force upon floriculture throughout the whole country.

Various Items.

Mr. George Brown, superintendent of public gardens and grounds, Washington, D. C., spent a day with Park Superintendent William Falconer last week.



View in Fleischan's New Store, Chicago.

Superintendent William R. Smith, of the United States Botanical Gardens, Washington, D. C., has been spending several days with Superintendent Falconer. "I never felt better in my life," is how he feels. And as he left for home a happy man was he, for he had been presented by the Phipps conservatories with a splendid young plant of the very rare *Coco-de-Mer* (*Lodicea sechellarum*). The seed from which it grew weighed twenty pounds. The specimen, only a year old, occupies a big half-barrel tub. Dutch bulbs, as tulips, hyacinths and crocuses, are very fine this year, and 100,000 of them are now being planted in our parks.

Alocasia cuprea, commonly known as *A. metallica*, has been much used in flower gardens this summer; it isn't as loose or coarse as *Caladium esculentum*.

The Botanical Society of Western Pennsylvania held its regular monthly meeting Thursday evening, 10th inst., in the Carnegie Institute, Schenley Park; this, too, was its annual business meeting and election of officers. For the ensuing year Dr. W. R. Hamilton, one of our eminent surgeons, was elected president; Dr. F. S. Davis, a prominent physician, vice-president; Mr. J. H. Shafer, curator of the botanical department Carnegie Institute, secretary, and Miss Anna M. Deens, professor of biology, Normal High School, treasurer. A high school professor from Kittanning gave a most interesting lecture on fungi and showed a multitude of specimens of toadstools, mushrooms and other cryptogamic growths of this nature. As many persons are members of both the Florists' Club and the Botanical Society, it was unfortunate that both meetings should be held the same evening, but this will be avoided in the future; the Botanical meetings will be held on the evening of the first Thursday of the month, and those of the Florists' Club on the evening of the second Thursday.

P. A.

PAN-AMERICAN EXPOSITION.

Chrysanthemum Show.

A chrysanthemum exhibition will be held in the Horticulture Building, Pan-American Exposition, beginning Monday, October 28. The flowers will be passed on by a competent judge on the afternoon of the 28th, so all exhibits must be staged by noon. Entries will be received up to 10 o'clock of that day. Vases will be supplied to exhibitors if requested. All exhibits must be prepaid to the Exposition grounds, addressed to William Scott, Horticulture Building.

The following cash prizes will be awarded:

	First	Second
50 bloms white	\$20.00	\$10.00
50 bloms yellow	20.00	10.00
50 bloms pink	20.00	10.00
25 bloms white	10.00	5.00
25 bloms yellow	10.00	5.00
25 bloms pink	10.00	5.00
25 bloms any other color.....	10.00	5.00
Vase of 50 bloms, any variety or color, arranged with ferns or autumn foliage	20.00	10.00
Vase of 25 bloms, any variety or color, arranged with ferns or autumn foliage	15.00	10.00
12 bloms varieties not yet disseminated	10.00	
Plateau of chrysanthemums, basket not to exceed 34 inches.....	15.00	10.00
Basket chrysanthemums, any style.....	20.00	15.00
Wreath of chrysanthemums, frame not to exceed 24 inches.....	15.00	10.00

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings and sports:

BOSTON, October 12.—Nathan Smith & Son, Adrian, Mich., exhibited Opah, bluish white, with deeper center, Japanese, which scored, commercial scale, 86 points. "Judged as an extra early variety."

CINCINNATI, October 12.—The E. G. Hill Company, Richmond, Ind., exhibited C. Holst, white, type of Merry Christ-

mas, scoring, commercial scale, 85 2-3 points. EDWIN LONSDALE, Secretary.

BUTTE, MONT.

Cut flower trade is very brisk at present, with stock scarce. Chrysanthemums have been coming in for several weeks. There have been quite a few table decorations the past two weeks, and an abundance of funeral work. The carnations at the greenhouses of the Butte Floral Company, at Gregson Springs, are looking the finest of any the writer has ever seen anywhere in the country. The prospects for the winter could not be better.

The people of Butte appreciate up-to-date floral work.

Next week we are promised another new store, to be the finest west of Chicago. It will be owned by W. Clark, Jr., son of Senator Clark. The more the merrier, but not for long. Butte is surrounded by barren mountains, and there is only about so much business to be had, funeral work predominating.

Mahonia leaves, an autumn foliage found up in the mountains, are being used with excellent effect. Also kinikinick, a native green something like that of the arbutus in the east.

Several good wedding orders have been booked by the Butte Floral Company.

COUNT V.

COUNTRY LIFE is the name of a new gardening periodical to be edited by Prof. L. H. Bailey, of Cornell University. The first number will be published Nov. 1.

FRANKLIN, PA.—H. C. Garrard has moved his greenhouses to Sugar Creek, Venango County, Pa., and that postoffice will in future be his address.

THE REVIEW is the best trade paper published. GEO. W. FRIDINGER, Hagers-town, Md.

VALLEY and choice assorted ORCHIDS for October Weddings.

Store open from 7:30 A. M. to 9:00 P. M.

SAMUEL S. PENNOCK, 1612-14-16-18 Ludlow Street, PHILADELPHIA, PA.

Mention The Review when you write.

LEO NIESSEN OCTOBER SPECIALTIES.....

Wholesale Florist, Valley, The best in the market.
OF N. W. Cor. 13th and Filbert Sts. Smilax, Fine Stripes in quantity.
PHILADELPHIA Chrysanthemums, Choice blooms in best colors.

Mention The Review when you write.

Rex Begonias. Comprising Five Choice Varieties.

We have never until now offered such rare value in **REX BEGONIAS**. They have been grown with especial care at our **FLORACROFT GREENHOUSES** and are exceptionally choice stock.

4-inch pots, per doz., \$1.50; per 100, \$10.00. 5-inch pots, per doz., \$2.00; per 100, \$15.00.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

MADISON, N. J.

Morris County Gardeners and Florists held their regular meeting in Masonic Hall on Wednesday last; President Duekham in the chair. The main business of the evening was perfecting final arrangements for the forthcoming exhibition, and present indications assure that it will surpass all previous efforts.

The business session concluded, the members all went down to the new bowling alleys, the first to be opened in Madison. Two teams, captained respectively by J. B. Nugent and H. A. Bunyard, of New York, took the spheres in hand and put them through some wonderful gyrations. It seemed hard to convince some of the novices they were bowling at pins, not throwing at cocoanuts. As the Morris County team may be the dark horse in some of the tournaments the coming winter an injunction against publication of scores was obtained, which prohibits publication. Suffice it to say that Harry Bunyard officiated at the score board and his side won by a safe margin. A. H.

ISHPEMING, MICH.—William Trebilcock, of the Ishpeming Greenhouses, has opened a store opposite the Nelson House.

IT GIVES me pleasure to renew my annual subscription for the **FLORISTS' REVIEW**.—JOHN OSBORNE, New York.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 36 words in any issue desired during the year. If the advertisement exceeds 36 words, send at the rate of one cent for each additional word.

WANTED—An all-around man, one who understands growing roses, carnations and general stock. Address Box 178, Sharon, Pa.

WANTED—To rent or lease, an up-to-date range of glass, 1000 to 1500 feet of glass in good locality, well stocked. In answering give full particulars, etc. W. H. Thompson, Florist, Cleveland, Ohio, care General Delivery.

WANTED—A steady, reliable man, to take full charge and run a general florist business; good cut flower grower, propagator and designer; steady and good job for a suitable person. Address Alfred Cox, Jacksonville, Fla.

WANTED—Young man for conservatory work. To right party \$25.00 per month with board and room. Schiller the Florist, 887 W. Madison Street, Chicago.

FOR SALE—On account of death, will sacrifice to sell a well established garden and florist business, in good running order; flourishing city of 15,000. For particulars address Steinhauer & Engle, Lock Box, 45, Pittsburg, Kansas.

FOR SALE—An old established florist business, centrally located in a thriving Western New York city of 12,000 inhabitants; the only florist in the city; 200 square feet of glass and store all in perfect condition; natural gas fuel with moderate rates; or will take partner with some experience; \$250 or more; rest of best reasons given; for full particulars, address G. H., care of Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc. good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

WANTED! AT ONCE!

Several bright, ambitious young florists.

Address Chicago Carnation Co.,
JOLIET, ILL.

FOREMAN OR MANAGER.

A most competent and trustworthy man, expert Rose and Carnation grower and all-around Gardener; fine executive ability; open for an engagement. Apply to

WILLIAM SCOTT, Main and
Balcom Sts., BUFFALO, N. Y.

FOR SALE.

A fine piece of property for florists' purposes in Baltimore.

I offer for sale a ten acre lot fronting 550 feet on the north side of the New North Boundary Ave., with a frontage of 800 feet on St. George Ave. (50 feet wide), and a 50-foot ave. to the east, giving three fronts, that is especially desirable as a location for a florist. It is all in lawn except immediately around the house. Improvements are a 12-room dwelling and No. 1 outbuildings, all in good repair. The neighborhood is well built up and is only 24 minutes from the city hall. County taxes and city conveniences. Five-cent car fare; car every three minutes; all-night cars. Only four squares from the cars.

Price \$15,000. Terms easy. Address
BALTIMORE, care Florists' Review.

GEORGE M. MOSS, WHOLESALE FLORIST,

32 S. 17th St., PHILADELPHIA, PA.

Long Distance Telephone 1-45-26 D.
27 Consignments of first class Carnations,
Roses and Violets solicited.

SPECIALTIES—CHOICE BEAUTIES, BRIDES, MAIDS and VALLEY

Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

1403-05 Fairmont Ave., Philadelphia.

Long Distance Telephone.

Mention The Review when you write.

EDWARD REID, WHOLESALE FLORIST

Specialties—Chrysanthemums,
Denizens, Brides, Maids and Carnations.
Everything in Cut Flowers. We carry the largest
stock of Carnations in the State.

Bell and Keystone Telephones.
1526 Hanstead Street, 1 Block from City Hall,
PHILADELPHIA.

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PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE
FLORISTS, Pittsburgh, Pa.

Mention The Review when you write.

Express Prepaid

ASPARAGUS PLUMOSUS NANUS,
from flats, \$2.00 per 100.

NEW GIANT OF CALIFORNIA
PANSY PLANTS \$1.00 per 100

NEW GIANT OF CALIFORNIA
PANSY SEED, trade pkt., 2¢; ½-oz.,
\$1.00—getting scarce.

Mitting Floral Co., Loomis, Cal.

Mention The Review when you write.

QUALITY TELLS--PRICE SELLS.

Asparagus spre, 2-inch \$1.25 per 100
Daisies White Marg., 2-Inch 2.00 " "
Athenanthera, red Tinted40 " "

If you want Geraniums write us.

E. I. RAWLINGS, QUAKERTOWN, PA.

Mention The Review when you write.



W. F. BROS.
51 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of
**CUT
FLOWERS..**

**CARNATION
... PLANTS ...**
Only a Few More Left. Order Quick.

America.....	\$5.00 per 100,	\$40.00 per 1000
Crane.....	6.00 "	50.00 "
Triumph.....	5.00 "	40.00 "
Sport.....	7.00 "	60.00 "
Marquis.....	7.00 "	60.00 "

We are better than ever prepared to take the best of care of your orders. Our stock is in fine condition and we can supply high grade flowers that will give the best of satisfaction.

Mention The Review when you write.

BALTIMORE

Trade and Other Notes.

The past week (we are writing on Oct. 14th) trade has shown decided improvement. The fall weddings are at hand, with consequent good demand for flowers. Roses are beginning to be more plentiful and early mums are coming in. Dahlias are abundant and there is no end of cosmos for those who can use these materials. Carnations continue scarce; indeed, very scarce. Violets have appeared in the market, but are diminutive in size and lacking in color.

We have had slight frosts, but except in the lowlands none to kill the tenderest vegetation, and semi-tropical plants and beds are flourishing as in mid-summer. For a few nights in the week preceding the last the mercury dropped toward the frost mark, but latterly it has been so high up as to make things uncomfortably warm, while heavy fogs and southerly winds constituted conditions exceedingly unfavorable for roses. Yesterday there was a warm rain.

The chrysanthemum show of the Gardeners' Club will be held, as heretofore noted, on the 12th to 15th of November, and Robert L. Graham has been made chairman of the committee of arrangements, which guarantees energetic work and plenty of it to make an effective and handsome display.

We are in the midst here of a great hullabaloo over the condition of our parks, which have in the past been a source of much pride to our people. Their physical condition is said to have deteriorated very much, and the finances

are in a decided tangle, the indebtedness of the board for the current fiscal year aggregating something like \$50,000—a large proportion of which is for new greenhouses, boilers and materials in several of the parks, and for supplies for them, the beds and the public squares. Among the unpaid bills reported are those of several of the florists—I. H. Moss, garden supplies, about \$900; E. A. Seidewitz, ditto, \$50; Fred G. Burger, for Dutch bulbs, \$2,000, etc.

The trouble seems due to lack of businesslike management and want of a system of checks on expenditures. Above and beyond this is the need of responsible and intelligent control. There is no skilled head, no general superintendent and no chief engineer, and the official in charge of each park seems to have gone along on his own hook, taking orders either from the committees of the board, amongst which the several parks are distributed, or from its president, who is a lawyer, with no knowledge of arboriculture, gardening or landscape architecture. This officer, Mr. Thomas R. Clendenin, an attorney at law of large practice in damage and contested will cases, is a close friend of the mayor, and by the press is held responsible for the existing unfortunate condition of affairs. An investigation has been ordered by the city council, and the park board has engaged two lawyers for the defense, one of them, Mr. Bernard Carter, being at the very head of the bar in this state.

In the windows of John Cook, on N. Charles street, have been seen the past week or two some fine bunches of the new Sunshine rose, and there are indications of its finding a quick entrance

into public favor; his Baltimore, too, is showing up handsomely.

Among the visitors to the trade here last week were Messrs. J. H. Troy, of The Rosary, New York, and Samuel S. Pennock, commission man, of Philadelphia. R.

FORT WAYNE, IND.

Owing to a fire in the building occupied by Miss Flick as a flower store, damage was caused by smoke and water to her stock to the amount of several hundred dollars.

Mr. Kaede has added a new house to his plant, to grow mixed plants in.

Vesey's have been very busy shipping carnation plants all over the country, as their trade has been much greater than they anticipated.

Markey Bros. are established in their greenhouse after rebuilding their plant on West Jefferson street.

Mr. Ford, representing A. Herrmann, of New York, is calling on the trade this week.

The marriage of Mr. Louis Auger, Jr., to Miss Hattie La Mahr occurred on October 3. Mr. Auger will be remembered by his father having been in the trade for a number of years before his death.

There seems to be a great shortage in carnations, especially white, among all the florists.

Vesey's are cutting thousands of roses, fine clean stock, as they have no mildew.

Mr. Bond has some very fine California violets that he is beginning to cut from. M. S. V.

KANSAS CITY, MO.

A Flower Show.

What promises to be one of the largest flower shows ever given in this country is now being planned by the management of Convention Hall. Two months ago a circular was received by the florists of the city from Mr. Shouse asking their advice and assistance in bringing this enterprise about, but the proposition met with no favorable response from the fact that heretofore our flower shows had not been a financial success, and that there is an insufficient supply of good stock grown around here to warrant the undertaking. But this indifference did not discourage the promoters of the scheme, and Mr. Frank J. Taggart, one of the directors, was given full power to take necessary action. A meeting was called of the directors of Convention Hall, who decided to give a show about the middle of November and voted \$10,000 as a guarantee of all expenses in conducting the show.

Convention Hall was built by popular subscription and is the pride of Kansas City. The arena floor is 125x200 and the hall has a seating capacity of 20,000. It is splendidly adapted for a floral display of such magnitude.

The management of the whole affair will be controlled by the hall directors, all good representative business men. The press has taken up the enterprise and is already giving it lots of free advertising. Society people and business men are becoming interested and several hundred dollars in special premiums have been offered.

Mr. John Thorpe, of Chicago, has engaged to superintend the show and to arrange the premium list. Mr. Thorpe was here two days last week discussing the plans with Mr. Taggart, and is now in the east for the purpose of securing exhibits from the leading growers of the country. The hall is to be decorated with southern smilax interspersed with small incandescent lights.

The florists have agreed unanimously to make exhibits and to assist the management in any way possible towards making the show a success.

Notes.

Weather conditions continue favorable for the production of good stock. If Jack Frost will defer his visits for two weeks yet we will have plenty of dahlias and cosmos, which seem to be in favor with the flower buyers.

The old Baker place has again changed hands. It was recently leased by Sam Short, who has sold out his interest to John H. Vesey, a well known grower here of high grade carnations and until last week had charge of a section of glass with Mr. George M. Kellogg.

H. J. M.

DES MOINES, IOWA.

We are having a spell of that soft, cloudy weather that is not very good for any part of the greenhouse business unless it is the midwest. We have had copious rains and the lawns and parks are as green as in springtime.

Business is picking up some in the cut flower line, and as we have had enough hard frosts to kill all outdoor stuff, the flower store will be patronized more now. Some may decorate with autumn leaves, which are handsomer this year than we ever saw them before.

ORCHIDS

CATTLEYSAS,

Per dozen, \$5.00;

Per 100, \$37.50.

Chrysanthemums

Per doz.,

\$2 to \$3

White, Pink and Yellow.

Wild Smilax

Per Case, \$2

and upward

THE ABOVE SPECIALTIES CONSTANTLY ON HAND.
OUR WILD SMILAX IS THE BEST OBTAINABLE.

	Per doz.	Per 100
Beauties, 20-24-inch stem.....	\$2.00 to \$3.00	
" 15-18 "	1.25 to 1.50	
" 12-15 "	1.00 to 1.25	
Per 100		
Brides and Bridesmaids.....	\$3.00 to \$5.00	
Metors.....	3.00 to 5.00	
Perles.....	2.00 to 4.00	
Carnations.....	1.00 to 1.50	
Valley.....	4.00 to 5.00	

Violets, double	\$1.00
single	\$0.50 to .75
Adiantum .....	.75 to 1.00
Smilax	12.50
Asparagus 50c to 75c per string	per 1000
Foras	2.00 to 3.00
Asparagus Sprenger sprays	2.00 to 3.00
Plumons	2.00 to 3.00

Prices Subject to Change Without Notice.

J. B. DEAMUD,

51 and 53 Wabash Ave....CHICAGO.

Mention The Review when you write.

CHAS. D. BALL,

GROWER
OF

Palms, Etc.

Send for
Price List.

HOLMESBURG, PHILADELPHIA, PA.

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WHOLESALE GROWER OF

PANDANUS Veitchii

REFER TO LAST WEEK FOR PRICES.

JOHN WELSH YOUNG,
Upsal Station, Penna. R. R., Germantown,
PHILADELPHIA, PA.

Mention The Review when you write.

Grant Jacobs has opened a store at 702 Walnut street, the room formerly occupied by Fulmer. We trust he will succeed. He has four greenhouses to market stock from.

The parks have erected a small propagating house at Union Park.

J. T. D. F.

TARRYTOWN, N. Y.—The third annual exhibition of the Tarrytown Horticultural Society will be held in the Music Hall November 5, 6 and 7. Copies of the premium list may be had by addressing the secretary, Thomas Cockburn, Irvington, N. Y.

WORCESTER, MASS.—No chrysanthemum show will be held by the Horticultural Society this year, it having been decided last year to abandon the chrysanthemum shows. The other exhibitions are maintained as before.

ST. JOSEPH, Mo.—D. M. Reichard has removed his sales department from his greenhouses to 865 Frederick avenue.

CRESTON, Ia.—E. A. Stahl has opened a floral store on West Adams street.

Seasonable Stock.

We wish to call your attention to the following low prices. The stock is in fine condition and must be sold to make room.

Adiantum Capitis Veneris, 24-inch pots, \$3.00 per 100; 3-inch pots, \$1.00 per 100.
Adiantum Capitis Veneris Imbricatum, 24-inch pots, \$3.00 per 100; 3-inch pots, \$1.00 per 100.
Asparagus Plumosus Nanus, 24-inch pots, \$3.00 per 100; 3-inch pots, \$1.00 per 100.
Asparagus Sprenger, 24-inch pots, \$2.50 per 100; Begonia Rex, named varieties, 2 1/2-inch pots, \$3.00 per 100.
Carex Japonica Variegata, 2 1/2-inch pots, \$2.50 per 100.
Cyperus Alternifolius, extra strong, 3-inch pots, \$3.00 per 100.
Geraniums, S. A. Nutt and Marvel, 2 1/2-inch pots, \$2.00 per 100.
Nephrrolepis Cordifolia, 3-inch pots, \$3.00 per 100.
Nephrrolepis Davallioides Forcans (Crested Fern), 6-inch pots, 6c each, \$6.00 per doz.
Prinosetia Pulcherrima, extra fine, 4-inch pots, \$2.50 per doz.; 6-inch pots, \$4.00 per doz.
Primroses (Earshell or Eddy), in bloom, 2 1/2-inch pots, \$2.00 per 100. (Chinese Primroses) two colors, 2 1/2-inch pots, \$2.50 per 100. Heading Scariet, 3-inch pots \$3.00 per 100.
Violets, Princess of Wales, field grown, \$5.00 per 100. California, 5 1/2-inch stock, \$4.00 per 100. F. of Wales and Lady Campbell, 3-inch pots, \$3.00 per 100. The above Violets are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

PRINCESS OF WALES VIOLETS

2 1/2-in., strong, \$3.00 per 100, \$25.00 per 1000.

Marquis	\$6.00 per 100
E. Crocker	6.00 "
Genevieve Lord	6.00 "
Armasindy	5.00 "

DRACAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIEGATED VINCA, field, \$4.00 per 100.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write

VEGETABLE PLANTS.

CABBAGE and
LIFT CUC.all the leading varieties,
cheap in large lots.

Write for price.

J. S. LINTHICUM, WOODWARDSVILLE,
A. A. Co., Md.

Mention The Review when you write.

We Grow Our Own Stock

Buy your Flowers direct from the grower and save rehandling. You get a more even grade and better and fresher stock. We call your attention to our unsurpassed stock and handling facilities as follows:

- American Beauties.** We have planted 50,000 plants in new houses built especially to grow Beauties.
- Brides, Bridesmaids, Liberty, Meteors, Perles, Kaiserin.** 100,000 plants and they are fine. We have disbudded them right along until now and shall have an extra choice lot of flowers.
- Carnations.** Mrs. Lawson, Ethel Crocker, Mrs. Bradt, America, Crane, Red Bradt, Triumph, Mrs. Joost, White Cloud, Mary Wood, Flora Hill, Gold Nugget, Maceo, Mrs. Jas. Dean, **75,000 plants**, all the cream of the Fancies. This is the finest stock of Fancies in this Country.
- Greens.** We have six thousand Asparagus Plumosus, three thousand Asparagus Sprengerii, and ten thousand Smilax plants.
- Adiantum or Maiden-Hair Ferns.** Two houses.
- Easter Lilies.** 30,000 bulbs planted and well up. We shall have Lilies from Nov. 1, until next summer.

In addition to the above we grow an immense stock of

Tulips, Von Sions, Hyacinths, Paper Whites and Miscellaneous Stock Always in Season.

BASSETT & WASHBURN,

Greenhouses, Hinsdale, Ill. Store, 76 and 78 Wabash Ave., CHICAGO.

Mention The Review when you write.

Araucaria Excelsa

Fine Plants, 6-in. pots, 12 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,

6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

2,000 Asparagus Plumosus,

Fine, Strong Plants, 3-inch pots, \$6.00 per 100.

Dracaena Indivisa,

5-inch pots.....\$25.00 per 100.

ROSES.

Fine, strong 3-year-old field-grown White Maman Cochet, \$10.00 per 100.

ISAAC H. MOSS,

Govanstown, BALTIMORE, MD.

CYCLAMEN.

PERSCUM and GIGANTEUM for Christmas Blooming.

3-inch, \$5.00 per 100. Fine large healthy plants.
 4-inch, \$8.00 per 100.
Asparagus Plumosus Nanus and Sprengerii, 4-in., \$8.00 per 100.
Chinese Primroses, white and mixed, 3½-in., \$5.00 per 100. **Cinerarias**, 2-in., \$2.00 per 100; 3-in., \$8.00 per 100. Cash with order.

SAMUEL WHITTON, 18-17 Gray Ave. UTICA, N. Y.

Mention The Review when you write.

ROSES! ROSES! Grand 2½-in. Brides and Maid, \$2.00 per 100; 2¼-inch. \$1.25 per 100. Big branchy plants. Great Bargain. Crane, Joost, Scott, field grown, \$3.00 per 100. Light careful packing.

W. H. GULLETT & SONS, LINCOLN, ILL.

Walter Retzer & Co.

2045-59 North Halsted Street, CHICAGO.

HEADQUARTERSFOR PERFECT STOCK.

LATANIAS

7-inch, 7 to 9 leaves, \$9.00 per doz., \$70.00 per 100.

These palms cannot be excelled in quality or be duplicated for the money. Rush your orders along. First come, first served. Send for price list.

ZIRNGIEBEL

GIANT PANSIES.

Trade packages at \$1.00. Also plants of the above strains at \$5.00 per 1000 and \$10.00 for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.

Mention The Review when you write.



Send to **THE MOON** Company
 For { Trees, Shrubs, Vines,
 Your } and Small Fruits.
 Descriptive Illustrated Catalogue Free.
THE W. H. MOON CO.
 Morrisville, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SPECIAL

Clearing Sale!!

The following stock is occupying two of our propagating benches which we need at once, and to move quick we will offer the following stock guaranteed in **FIRST CLASS** condition and worth twice the money: **15,000 Geraniums**, from 2½-inch pots. S. A. Nutt, Alp, Ricard, Frances Perkins, E. G. Hill, Beate Poitevine, La Favorite, J. M. Gaar, La France, Mme. Brunt, Mme. Jadin, Athlete, \$1.50 per 100; \$15.00 per 1000.
5,000 Asp. Sprengerii, strong plants, from 2¼-inch pots, \$1.25 per 100; \$12.50 per 1000.
1,000 Asp. Plumosus Nanus, strong plants, from 2¼-inch pots, \$2.50 per 100.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST

For Particulars Address

HAIL

JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.

George Reinberg, (Formerly of REINBERG BROS.)

Wholesale Grower and Shipper of Cut Flowers,
51 Wabash Ave., CHICAGO, ILL.

AMERICAN BEAUTIES^A SPECIALTY.

When you need Flowers write or wire me. Orders filled on short notice. Buy from the grower and get fresh stock. I ship everywhere. Reinberg's Flowers have a reputation second to none.

High Grade Carnations	per 100	Fancy Roses	per 100	American Beauties	\$8.00	Violets, Orchids, Chrysanthemums, Lily of the Valley
				Select	\$20.00	
				100	\$12.50	
				100	\$15.00	

Mention The Review when you write.

FALL EXHIBITIONS.

- Oct. 21-27—NEW YORK—New York Florists' Club. Wm. Plimbi, Mgr., 51 W. 28th street.
- Oct. 22-31—BUFFALO—Pan-American Exposition. Wm. Scott, Sup't.
- Nov. 5-6—MADISON, N. J.—Morris County Gardeners' and Florists' Society. C. H. Atkins, Sec'y, Madison, N. J.
- Nov. 5-7—NEWPORT, R. I.—Newport Hort. Society. A. Melkie, Sec'y.
- Nov. 5-7—TARRYTOWN, N. Y.—Tarrytown Hort. Society. Thos. Cockburn, Sec'y, Irvington, N. Y.
- Nov. 5-8—BOSTON—Mass. Hort. Society. Rob't Manning, Sec'y, Horticultural Hall.
- Nov. 5-9—CHICAGO—Hort. Society of Chicago. Edwin A. Kanst, Ass't Sec'y, 5200 Cottage Grove avenue.
- Nov. 5-9—INDIANAPOLIS—Indiana Floral Festival. W. Bertermann, Sec'y, 24 Massachusetts avenue.
- Nov. 6-8—POUGHKEEPSIE, N. Y.—Dutchess County Hort. Society. W. G. Gomersall, Sec'y, Fishkill-on-Hudson, N. Y.
- Nov. 7-9—CHESTNUT HILL, PA.—Chestnut Hill Hort. Society. John Marsden, Sec'y.
- Nov. 8—LAWRENCE, N. Y.—Lawrence-Cedarhurst Hort. Society. Alex. McKenzie, Sec'y.
- Nov. 12—ORANGE, N. J.—New Jersey Floricultural Society. Geo. Smith, Sec'y, Orange, N. J.
- Nov. 12-15—BALTIMORE—Baltimore Gardeners' Club. J. J. Perry, Sec'y, Gay and Eager sts.
- Nov. 12-16—PHILADELPHIA—Pennsylvania Hort. Society. David Rust, Sec'y, Hort. Hall, Broad street.
- Nov. 12-16—WACO, TEX.—Texas State Floral Society. J. W. Barnett, Sec'y, Waco, Tex.
- Nov. 13-14—HOUSTON, TEX.—Faith Home Ass'n. Mrs. M. E. Bryan, Sec'y.
- Nov. 13-15—ST. LOUIS—St. Louis Florists' Club. E. Schray, Sec'y, 401 Pennsylvania avenue.
- Nov. 13-16—DETROIT, MICH.—Detroit Florists' Club. J. P. Sullivan, Sec'y, 24 Woodward avenue.
- Nov. 15-16—PROVIDENCE, R. I.—Rhode Island Hort. Society. C. W. Smith, Sec'y, 61 Westminster street.
- Nov. 18-23—KANSAS CITY, MO.—Convention Hall. F. J. Taggart, Director, John Thorpe, Sup't.
- Nov. ————NEW ORLEANS—New Orleans Hort. Society. D. Newsham, Sec'y.
- Nov. ————UTICA, N. Y.—Utica Florists' Club.
- Nov. ————ELMIRA, N. Y.—Elmira Hort. Society. H. N. Hoffman, Sec'y.

(Secretaries are requested to supply any omissions in above list and to notify us of any needed changes.)

PARKERSBURG, W. VA.—Miss Emma Gertrude Dudley, daughter of John W. Dudley, the florist, was married October 9 to George D. Heaton. The floral decorations at the house were very elaborate, and were much praised by the local press.

CINCINNATI, O.—James Caldwell has been appointed florist at the City Infirmary to succeed C. C. Acton, who resigned several weeks ago.

CHRYSANTHEMUMS!

SMALL, MEDIUM, LARGE and EXHIBITION BLOOMS.

American Beauties

IN ALL LENGTHS.

Brides, Maids, Perles, Liberty and Meteors,
Carnations, Valley, Orchids,

OR ANYTHING YOU WANT.

— THE LARGEST AND BEST EQUIPPED WHOLESALE CUT FLOWER HOUSE IN OHIO. PRICES ON APPLICATION.

THE CINCINNATI CUT FLOWER CO.

416 Walnut St., CINCINNATI, OHIO.

Mention The Review when you write.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

DAGGER FERNS 75c per 1000.

Green or Bronze Galax, 75c per 1000, in 5000 lots. Laurel Festooning, 4c, 5c and 10c per yard.
All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



CROWL FERN CO.
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

BUFFALO RATE AGAIN REDUCED. Round Trip from Chicago, \$6.00.

The Wabash sells excursion tickets, Chicago to Buffalo and return as above, every Tuesday, Thursday and Saturday, until the Exposition closes, good to return five days from date of sale. Good only in coaches or free reclining chair cars. Four daily trains. Write for Pan-American folder. City Ticket Office, 97 Adams St., Chicago.

Always Mention the...
Florists' Review
When Writing Advertisers.

McKELLAR & WINTERSON

45, 47, 49 Wabash Ave.,
CHICAGO.

Headquarters for Cut Flowers and Supplies
...OF ALL KINDS...

OUR SPECIALTY:

Orchids. Cattleyas, \$4.00 to \$5.00 per doz.
Dendrobium formosum, Laelias,
Oncidiums, Odontoglossums. Boxes of as-
sorted Orchids, \$5.00 and up.

Chrysanthemums. In quantity, of the
finest varieties.

Roses, Carnations, Violets
and all seasonable flowers.

Our Prices are as low as any other house
in Chicago, whether Dealer or
Grower.

Asparagus, Plumosus and Sprengeri.

Wild Smilax, Leucothoe All
Sprays, Galax. other
decorative stuff
in abundance.

IF YOU DON'T RECEIVE OUR WEEKLY BULLETIN ON CUT FLOWERS, ETC., WRITE US FOR SAME.

SPECIAL WEEKLY OFFER ON SUPPLIES, ETC.

CHICAGO, October 17, 1901.

We will not be undersold, and are prepared to meet prices of any reputable house on all Florists' Supplies, Seeds, Bulbs and **CUT FLOWERS** in many instances we can go them one better, as we are strictly **Headquarters** on many novelties and carry the goods in regular stock with which to meet the demand. Below we offer some special bargains on staple goods. Prices quoted good for one week from date, October 17, 1901. We will offer weekly special low prices on different seasonable goods, and it will pay you to keep your eyes on our adv. Send your orders quick to get advantage of reduced prices.
Send us your orders if you are looking for right prices, prompt shipment, fresh, clean goods. Should you receive lower quotations, remember we will meet them, or go them one better.

REMEMBER PRICES QUOTED ARE GOOD ONLY ONE WEEK.

TIN FOIL, made expressly for our trade, 5 or 7-inch width, 25 lbs., \$2.25; 50 lbs., \$4.25; 100 lbs., \$8.00.
TOOTH PICKS, Tower & Cutter's No. 1 B. 20 boxes, \$1.00; per case, 100 boxes, \$4.75.
SPHAGNUM MOSS, clean and fresh from the swamps, per bale, 75c; 10 bales, \$7.50.
CAPE FLOWERS, 1st quality, white, per lb., 85c; 10 lbs., \$7.50.
CAPE FLOWERS, 1st quality, colored, per lb., \$1.40; 10 lbs., \$13.
BOUQUET PINS, finest grade, per 1000: 1-in., 40c; 1½-in., 60c; 2-in., 80c; 2½-in., \$1.00; 3-in., \$1.30; 3½-in., \$1.50; 4-in., \$1.60.
CANE STAKES, selected stock, per 1000, \$3.50.

CYCAS LEAVES, best stock in Chicago. 16 to 30-inch, assorted, per doz., \$2.00; 30 to 48-inch, assorted, per doz., \$3.00.
DOVES, 1st quality birds, assorted positions, each, 50c; per doz., \$9.
RIBBONS, our own importation of finest satins. Per bolt: No. 9, 8c; 12, \$1.00; 16, \$1.15; 22, \$1.25; 30, \$1.50; 40, \$1.75. The quality of Ribbon we offer at the above prices must not be compared with the cheap grades offered by other firms, and generally renamed and relabelled. Our Ribbon has the original factory brand label on every bolt.
BOUQUET GREEN, just received, fresh from the woods. Per case, \$1.00.
GREEN SHEET MOSS, fresh from the woods. Per bag (about same quantity as bbl.) \$1.75.

REMEMBER US ON YOUR ORDERS FOR HOLIDAY GOODS.

We are strictly headquarters on **Green, Holly, Mistletoe, etc.** Send us a list of your wants. We are always pleased to quote prices.

McKELLAR & WINTERSON'S MODERN SUPPLY HOUSE,
45, 47, 49 Wabash Ave., CHICAGO.

Nephrolepis Davallioides Furcans.....



Undoubtedly one of the most valuable of the Sword Ferns, and preferred by many to the Boston Fern, always scarce and in good demand. We offer a fine large stock.

6-inch pots 60c each 7-in. pots, extra heavy, \$1.00 each
7 75c 8 2.00

CIBOTIUM SCHIEDEI.

The only Tree Fern worth growing. Graceful, Decorative and as Hardy as a Palm.

5-inch pots \$1.00 each 7-inch pots \$1.50 each
9-inch pots \$2.50 each

Our Quarterly Wholesale List has just been issued and offers a full line of Decorative Plants and all Seasonable Stock.

Our Decorative Plants have never been in better condition than this season. Our display at the recent meeting of the S. A. F. O. H. was awarded the silver cup offered by the Buffalo Florists' Club for the Best and Most Complete Display.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

HARTFORD, CONN.

The carnation is Hartford's favorite flower as the additional glass devoted to it testifies. John Coombs has erected this summer two houses each, 30x150, devoted exclusively to the divine flower. This is in addition to his usual supply. A visit to his place shows everything in a thrifty condition.

George S. Osborn is giving extra space to his specialty, the carnation; palms, etc., having been dropped. He has a few of the Indianapolis seedling, Mrs. E. A. Nelson, for trial; also a batch of the Columbus. Both these varieties will be reported on by him later.

Violets are looking well with the various growers, but George Goodwin still wears the crown of the violet king; his carnations are also in the pink of condition.

A visit to the old veteran, Mr. Whiting, found him on deck in spite of his 78 years and still looking forward to up-to-date methods.

Downtown stores report a very dull summer.

Joe Coombs is back again in his place, after a siege of typhoid, looking thirty pounds heavier.

James Young has opened a store nearly opposite Coombs'.

Trade is starting up with roses and violets too plenty, carnations short and chrysanthemums hardly in. The prospect is bright for a good supply of everything and prices promise to be higher.

O.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

Messrs. Peter Henderson & Co., of New York, N. Y., register the following roses:

Mrs. Theodore Roosevelt, H. T., of the La France type; free-flowering, a strong grower; clear, creamy white, with pink shadings; flowers very full; never show a center.

Mark Twain, H. T., very free-blooming and vigorous; flowers a rich, satiny pink, long pointed buds.

John B. Trude, Alderbend, Clinton county, N. Y., registers carnation Dr. W. Seward Webb; flower, pink; strong clove scented, fringed, deep and very full; 3 to 3½ inches in diameter; buds very long and pointed; habit strong, upright; stems stiff; height, 2 feet; foliage, light green, white joints.

WM. J. STEWART, Secretary.

IT'S A GO!

The greatest Flower Show ever held anywhere, will be held in Convention Hall, Kansas City, Mo., Nov. 18th to 23d, under the management of the Convention Hall directors. The services of Mr. John Thorpe, a man of National Reputation, have been secured as superintendent. The same class of men who rebuilt Convention Hall, the greatest Hall in the world, in 90 days are back of the enterprise. Mr. R. E. Richardson, who "lit the World's Fair" in Chicago in '93, now a resident of Kansas City, will have charge of the electrical effects, and intends to use 2,500 to 3,500 incandescent lights in harmony with the flower effects. Liberal premiums, guaranteed by the Convention Hall directory, will be offered. Premium lists ready in a few days. No grower, exhibitor or lover of flowers can afford to miss the opportunity to "see" and to "show." The entire affair will be distinctively Japanese, and

"Mum's the Word"

For Particulars and Premium Lists, Address

F. J. TAGGART,

Director General, Flower Show, KANSAS CITY, MO.

All Telephone and Telegraph Orders
Given Prompt Attention.

Poehlmann Bros. Co.

40,000

Chrysanthemums

Fifteen Houses. We are now cutting fine blooms of the best sorts in quantity.

Beauties

Twelve Houses. They are in fine shape and producing the kind of flowers you want.

Anything

else you want in the line of Cut Flowers.

WHOLESALE GROWERS
..OF AND DEALERS IN..

CUT FLOWERS

31-33-35
Randolph Street,
CHICAGO.

Tea Roses

Thirty-six Houses. All in the best possible condition and producing high grade stock.

Carnations

Eight Houses. All the best sorts grown right and cut right for shipping.

Greenhouses

**MORTON GROVE,
ILLINOIS.**

CHRYSANTHEMUMS!

We are now receiving the first of the cut from 40,000 to 50,000 plants of the best standard and fancy varieties. Among the standard sorts are

IVORY, MRS. ROBINSON, MRS. WEEKS, MRS. JONES,
GLORY OF PACIFIC, MRS. PERRIN, VIVIAND-MOREL,
W. H. CHADWICK, BONNAFFON, GOLDEN WEDDING
and all other good standard varieties.

Among novelties we will have

COL. D. APPLETON, WHITE BONNAFFON,
TIMOTHY EATON, ZENO and others.

Our Rose, Carnation and Violet growers have their stocks in fine shape and we shall be especially strong in these this season.

Everything in Cut Flowers

may be had in quantity and highest quality from "The Old Reliable."
Send for Weekly Price List.

E. H. HUNT, 76-78 Wabash Avenue,
CHICAGO.

MUMS

35,000....

ALL BEST STANDARD VARIETIES.
WE CAN GIVE YOU THE KIND OF
STOCK YOU WANT.

...FOR HIGH QUALITY...

Brides, Maids and Beauties

Send to us. **THERE ARE NONE BETTER.**

Our Carnations are also **A No. 1** and cannot fail to please you.

A FULL LINE of everything the market affords.

NO ONE in this market can give you **better stock or better service** than we can.
SHIPPING ORDERS solicited, and they will be promptly
cared for to your satisfaction. Write us your wants.

J. A. BUDLONG

WHOLESALE GROWER AND SHIPPER OF CUT FLOWERS,

37-39 Randolph St.

...CHICAGO.

MILWAUKEE.

The Market.

The late frosts have about killed all outdoor stock, so demand is brisk enough for all indoor grown to clean up the supply. Good shipping roses and carnations are short of demand, but the arrival of mums will relieve the demand somewhat. Violets have also made their appearance and are selling well. In mums Fitzwygram and Glory of Pacific predominate, and some yellow have appeared in small lots.

Business in general for October is fully up to previous years, especially shipping trade. Golden Gate roses are quite plentiful and seem to drag in sales somewhat, a great many being substituted on orders when Maids and Brides are scarce. It is not much called for by shipping trade, but perhaps as it gets to be better known the demand will increase.

Bowling.

The Bloomer team, composed mostly of florists, leads all the clubs in the American Ten Pin League, having lost but three games in fifteen played, which is a pretty good start, considering the strength of some of the clubs in the league. Many prizes are hung up and the Bloomers are out for the \$100 team prize for first place.

C. C. P.

CARNATIONS FOR SUMMER BLOOM.

Will some one please give a list of the best varieties of carnations for summer blooming in the field?

S. S. P.

Dreer's Importations of Azaleas.

LARGEST IMPORTS ❁ FINEST VARIETIES ❁ BEST VALUES

Place your order now for early shipment by freight, and save heavy Express charges later in the season.

	Per doz.	Per 100		Per doz.	Per 100
10 to 12-inch crowns	\$4.50	\$35.00	16 to 18-inch crowns	\$12.00	\$90.00
12 to 14-inch crowns	6.00	45.00	18 to 20-inch crowns	25.00	200.00
14 to 16-inch crowns	7.50	55.00	20 to 24-inch crowns	36.00	300.00

There is a great scarcity of Mme. Van der Cruyssen this season, but we are in position to still supply ten per cent of this variety in assorted lots.

HENRY A. DREER, 714 Chestnut St., Philadelphia.

Mention The Review when you write.

ARE YOU INTERESTED IN

Boston Ferns?

We are in a position to supply you with the best 5, 6 and 7-in. Write us for prices. Also have a fine lot of

SPRENGERI AND PLUMOSUS

in 2, 2½ and 3-inch each, ready for a shift. These will make you money.

A few hundred fine **PRIMULAS.** Write

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Always mention The Florists' Review when writing advertisers.

VEGETABLE PLANTS!

CABBAGE.—Jersey and Chas. Wakefield, Succession, Flat Dutch, and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

LETTUCE.—Grand Rapids, Big Boston, Boston Market and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

CELERY.—Giant Pascal, Golden Heart and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000.

TOMATOES.—Lorillard, Mayflower, Paragon and Dwarf Champion; from seed bed, 50c per 100. Lorillard and Mayflower from 2½-inch pots, \$2.00 per 100.

EGG PEPPERS.—N. Y. Improved, 50c per 100. **PEPPER.**—Ruby King, 50c per 100.

If wanted by mail add 10c per 100.

Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

Always mention the Florists' Review when writing advertisers.

HIGH GRADE STOCK

can now be supplied in quantity by us and we are prepared to meet all demands. We especially request shipping orders, which we are in a position to fill with the finest stock, packed right.

We are now receiving a **big cut of fine roses**, and we are especially strong in extra grade **BEAUTIES** from our New Castle rose houses.

We shall handle a big cut of **MUMS**, and some especially fine Mrs. Robinson are now ready. A full line of other varieties coming.

Good violets are now coming in. We handle everything in Cut Flowers and can supply all your wants at all times.

Regular shipping orders given special attention.

BENTHEY & CO., Growers and Jobbers
of CUT FLOWERS,
SALESROOM,
Greenhouses, 35 Randolph St., CHICAGO.
NEW CASTLE, INDIANA.

MUMS! 30,000 OF THEM

COMING NOW.

WE WILL CUT IN QUANTITY NEXT WEEK.
EARLY VARIETIES READY NOW.

If you want the best at right prices let us have your orders.
We can satisfy you in every particular.

BULBS. We are forcing 300,000 bulbs again this season. When you want bulbous flowers remember we are headquarters.

We carry a FULL LINE OF ALL SEASONABLE
CUT FLOWERS AT ALL TIMES.

A TRIAL ORDER will convince you that we have the stock and correct facilities for handling it.

FRANK GARLAND,

Wholesale Grower and Shipper of

55-57 Wabash Ave. Cut Flowers, CHICAGO.

CINCINNATI

Various Items.

The past week we had more flowers in this market than we have had at any other time this season. Roses, especially were in large supply and sold at correspondingly low prices. The best grades were held well to quoted prices, for most of the stock was of second and third grade. As usual, Meteors and Beauties were not in great enough supply to fill all orders, especially for the better grades. It seems strange that with the large number of Beauties that are grown this market has never yet been able to get enough to go around. There is always a brisk demand for them, and when they are of good grade they sell at sight.

Violets have made their appearance and are of very good quality. They are grown in the mountains of Virginia. It seems that the high mountain climate is just what the violets need, for they are grown by the same people year after year with uniform results. The blooms bring from 25 to 50 cents per 100.

Some very good valley is to be had at 4 cents. Cosmos, in very good varieties, is being cut by several growers; price, 25 cents per bunch. Smilax is very scarce; in fact, there is none in the market that can be called good. What there is sells at 15 cents per string.

The earlier varieties of chrysanthemums are coming in and sell at from \$1 per dozen to 15 and 20 cents each for extra choice, with supply about equal to the demand. Prospects are good for a large cut this season, and Cincinnati will be strictly in it when it comes to getting first-class blooms.

H. M. Altick, Dayton, O., has a white sport from Glory of Pacific which bids fair to be a good thing. It is identical with Glory of Pacific in growth and form, but is pure white in color.

There was only one variety of chrysanthemum judged by the committee on Saturday. This was a large white named C. Holst, which originated with Mr. C. Holst, of New Orleans, and exhibited by E. G. Hill Company, of Richmond; height, 3 1/2 feet; bloom, 6 1/2 inches; form on order of Merry Xmas; first crown bud taken; bloom cut October 11.

The regular meeting of the Florists' Society was held Saturday. The principal business was making up a programme for the coming monthly show. Some good prizes will be offered. The first exhibition will be a chrysanthemum show, which will be held in the society's clubrooms some time in November.

Louis Pfeiffer & Sons have closed their Newport, Ky., place and have opened a store here at Race and Eighth streets.

John Evans and E. G. Hill, of Richmond, Ind., and William Lodder, of Hamilton, Ohio, were visitors this week.

C. J. OHRER.

THE GEORGE WITTBOLD CO., Chicago, have just issued a very handsomely illustrated and finely printed retail catalogue that is worthy of special note. The numerous fine half-tone engravings are printed on enameled book paper, with abundance of margin, giving the effect of a portfolio rather than a catalogue.

Mr. KISCO, N. Y.—No exhibition will be held by the local organization this year, but it is expected that one will be held in 1902.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF
AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON

STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

WHOLESALE CUT FLOWERS

Roses and
Carnations
A Specialty....

WHOLESALE
GROWER OF

PETER REINBERG,

Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS.
Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

C. A. KUEHN

WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

The Cincinnati Cut Flower Co.,

416 Walnut St., Wholesale Florists,
CINCINNATI, O.

Consignments Solicited.
Special Attention given to Shipping Orders.

Mention The Review when you write.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.

32, 34, 36 Randolph St.
CHICAGO, ILL.

Mention The Review when you write

BENTHEY & CO.

F. F. BENTHEY, Manager.

WHOLESALE AND
COMMISSION Florists, Consignments
Solicited.

35 Randolph St. CHICAGO.

Mention The Review when you write.

WIETOR BROS.

Wholesale
Growers of...
Cut Flowers

All telegraph and telephone orders
given prompt attention.

51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS

H.G. Berning

WHOLESALE
FLORIST,

1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.
Telephone Klnoch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

KENNICOTT BROS. COMPANY

Sells everything a first-class Florist needs.

KENNICOTT BROS. COMPANY

Always fill orders in all branches when others fail.

KENNICOTT BROS. COMPANY

Smilax as cheap, if not cheaper, than others.

KENNICOTT BROS. COMPANY

Wholesale Commission Florists.
DEALERS IN ALL KINDS OF FLORISTS' SUPPLIES.

KENNICOTT BROS. COMPANY

Our Adiantum, Smilax, Galax and common Ferns are as good as the best.

Mention The Review when you write.

FRANK GARLAND,
WHOLESALE GROWER
and Shipper of
CUT FLOWERS,
55-57 Wabash Avenue,
TEL. CENTRAL 3284. CHICAGO, ILL.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale
Growers of
and Dealers in **Cut Flowers.**
All telegraph and telephone orders given prompt
attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

Holton & Hunkel Co.,
Wholesale
Cut Flowers and Supplies
Milwaukee, Wis.
Mention The Review when you write.

**Maplewood Cut Flower and
Plant Co.,** GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We
have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

Always mention the Florists' Review when
writing advertisers.

**MICHIGAN
CUT FLOWER EXCHANGE.**
WM. DILGEE, Manager.
Wholesale Florist Commission.
Full line of Florists' Supplies and Decorations
Special attention to shipping orders.
26 Miami Avenue, DETROIT, MICH.
Mention The Review when you write.



**WHEN IN DOUBT
BUY FROM
ROBINSON
Dagger or
Fancy Ferns,
Green or
Bronze Galax.**

A No. 1 QUALITY.
Write for prices on large quantities. We can
fill your orders in any amount.
HENRY M. ROBINSON & CO.
Tel. 2618 Main. 36 Court Sq., Boston, Mass.

**Southern
Wild Smilax...**
NEW CROP NOW READY.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.

**YOU WILL FIND ALL THE BEST
OFFERS ALL THE TIME IN THE
REVIEW'S CLASSIFIED ADS.**

Dutch Bulbs Ready.

**NEW CROP PANSY,
CINERARIA, CYCLAMEN.**

PANSY, SUPERB MIXED,
1/2 ounce 75c; 1 ounce.....\$5.00
CINERARIA, GIANT PRIZE,
Trade packet..... 50c
CYCLAMEN, CALIFORNIA GIANT,
1000 seeds.....\$6.00

Write for full catalogue if not received.
W. C. BECKERT, Allegheny, Pa.
Mention The Review when you write.

Irish Juniper. Extra heavy.
4-ft. trees.
18 to 24 inches... \$ 8.00 per 100, \$20 per 100
24 to 30 " " " 10.00 " " 75.00
30 to 36 " " " 12.50 " " 100.00
250 of each size at 1000 rate. Boxing at cost.

Rubber Plants, grown from top cuttings, strong.
12 inches.....\$0.35 each, \$3.50 per doz.
18 " " " " 50 " " 5.00 " "
20 to 24 " " " " 60 " " 7.00 " "
24 to 30 " " " " 80 " " 9.00 " "
1000 each of Brides and Maids from 3-inch pots,
strong, \$4.00 per 100.
1000 Golden Gates, 2 1/2-inch, strong, \$3.00 per 100.
1 can use Cyclamen, Primrose and Palm plants
in exchange.

JOSEPH HEINL, Jacksonville, Ill.
Mention The Review when you write.

Pansies Worth Raising.

(NO MORE SEED.)
Good Plants, \$4.00 per 1,000; \$2.50 per
500, f. o. b. express here. Cash with order.
CHR. SOLTAU, 199 Grant Av.,
Jersey City, N. J.
You can take Newark and N. Y. R. R. or West
Side A. V. trolley.
Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitral, tested cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, best varieties, 2½-in., \$1.50 per 100. Cash. O. F. Scudder, Nashua, N. H.

ALTERNANTHERA.

Alternanthera, red, rounded cuttings, 40c per 100. E. L. Rawlings, Quakertown, Pa.

ALYSIUM.

Alyssum, Dubl. Giant, 2-in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.
Double alyssum, bushy, 4-in., 6c.
S. S. Peckham, New Bedford, Mass.

ARCAURIAS.

Arcauria excelsa, fine plants, 6-in. pots, 12 to 14 inches, 3 to 4 tiers, \$1.00 each; \$12.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each; \$18.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS.

SPRENGERI, \$2.50 per 100; \$20.00 per 1000.

LUMOSTIS, \$2.50 per 100; \$20.00 per 1000.

Extra fine plants, ready to shift into 3½-in. pots.

Asparagus Sprengeri, strong plants, 2¼-in. pots, \$1.25 per 100. A. plumosus nanus, strong plants, 2¼-in. pots, \$2.50 per 100. Cash. Guaranteed first-class. Buckley Plant Co., Springfield, Ill.

Asparagus, per 100: Sprengeri, 2-in., \$1.50; plumosus, 2-in., \$2.50; decumbens, 2½-in., \$1.00. Sprengeri seed, \$2.00 per 1,000; 5c per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus, extra strong and fine. Plumosus, 3-in., \$4.50; 2½-in., \$2.25; Sprengeri, 3-in., \$4.00; 2½-in., \$2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

We have a fine lot of A. Sprengeri and plumosus in 2, 2½ and 3-in., ready for a shift. They will make you money. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, 2¼-in., \$2.50 per 100. A. plumosus nanus, 2¼-in., \$3.00 per 100; 2½-in., \$4.00 per 100. Nathan Smith & Son, Adrian, Mich.

Asparagus Sprengeri, from 3-in. pots, \$2.00 per 100. Asparagus plumosus nanus, from 2¼-in. pots, strong, \$2.00 per 100.

WOODBROS, Fishkill, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings 8 feet long, 20 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri and plumosus, 4-in., \$3.50 per 100. Cash. Samuel Whitton, Springfield, Ohio.

2000 Asparagus plumosus, fine, strong plants, 3-in., \$6.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, from flats, \$2.00 per 100, express prepaid. Mitting Floral Co., Loomis, Cal.

Asparagus Sprengeri and plumosus, strong 3-in., 5c each. E. V. Myers, Florist, St. Joseph, Mo.

1000 Asparagus tenuissimus, 2½-in., \$2.00 per 100; \$25.00 per 1,000. Alfred H. Walker, Hollis, N. Y.

A. Sprengeri, fine, 2½-in., \$2.50 per 100; 3-in., \$4.00 per 100. Cash. C. L. Osborn, Sidney, Ohio.

Plumosus and Bro., Hempstead, N. Y. Henry Wetmore & Bro., Hempstead, N. Y.

Asparagus Sprengeri, strong 4-in., \$8.00 per 100. Fred Burki, Bellevue, Pa.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hille, Elkhardt, Ind.

Asparagus Sprengeri, 2-in., \$1.25 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

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Pot-grown plants of ASPIDISTRA. The green and variegated leaves. Have a large stock, in perfect condition, of both. Leaves measuring from 26 to 30 inches. Write for prices on above; also prices on bulbs, roots and plants.

F. W. O. SCHMITZ, Princebay, N. Y.

AZALEAS.

Place your order now for early shipment by freight and save heavy express charges later.

10-12 in. crowns, 3 ½ doz. doz., \$3.50 per 100.
12-14 in. crowns, 6 doz. doz., 45.00 per 100.
14-16 in. crowns, 7.50 per doz., 55.00 per 100.
16-18 in. crowns, 12.00 per doz., 90.00 per 100.
18-20 in. crowns, 25.00 per doz., 200.00 per 100.
20-24 in. crowns, 36.00 per doz., 300.00 per 100.
Mme. Van der Cruyssen is scarce this season, but we are in position to still supply 100% per cent of this variety in assorted lots.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

AZALEAS, all sizes. Varieties: Verveecana, Simon Mardner and Van der Cruyssen, \$40, \$20, \$20, \$20, \$20, \$20 and \$100 per 100. Also large plants to \$5 each. Anton Schultze, P. O. Box 73, College Point, New York City. Ask for price list.

Azalea Amoena, one of the choicest hardy dwarf shrubs. Two-year-old, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 2½-in. pots, \$15.00 per 100.

Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list.

BOBBINK & ATKINS, RUTHERFORD, N. J.

BEGONIAS.

LORRAINÉ BEGONIAS. We make the following STOCK LIST for your reference. Ask for a certain limit of space which we can devote to this plant, and this offer will be withdrawn as soon as stock is reduced to this limit.

Gloire de Lorraine, fine 2-in., \$15.00; 5-in., \$20.00; 6-in., \$75.00.

Gloire de Lorraine, plink, per 100: 2-in., \$15.00; 3-in., \$25.00; 6-in., \$75.00.

Gloire de Lorraine, erecta compacta, per 100: 2-in., \$15.00; 3-in., \$25.00; 6-in., \$75.00.

To give best results the larger sizes (above 3-in.) must be shipped in pots.

H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

REX BEGONIA. Comprising five choice varieties: 4-in. pots, \$1.50 per doz.; \$10.00 per 100. 5-in. pots, \$2.00 per doz.; \$15.00 per 100.

Johnson & Stokes, 217 Market St., Philadelphia, Pa.

BEGONIA "Pink Profession," fine, 2½-in. plants, \$2.00 per doz. Mrs. L. P. Seaton, Bricksburg, N. Y.

125 Rex begonias from 3½-in. pots, 10 varieties; the lot for \$5.00. Mrs. J. E. Patton, Trenton, Mo.

Cash. C. O. D. Greene & Underhill, Watertown, N. Y.

Begonia Rex, named varieties, 2½-in. pots, \$4.00 per 100. Nathan Smith & Son, Adrian, Mich.

Begonia Gloire de Lorraine, \$15.00 per 100; \$17.00 per 1,000. Cottage Gardens, Queens, N. Y.

Begonias Renbian, Carnot and Lesepes, 2-in., \$4.00 per 100. C. M. Niutter, Springfield, Ohio.

BERRIED PLANTS.

Jerusalem cherry, 4, 5 and 6-in., \$10.00 to \$25.00 per 100. Greene & Underhill, Watertown, N. Y.

BOUGAINVILLEA.

Bougainvillea Gabriela Sanderiana, 3½-in., \$6; 3-in., \$4; 2½-in., \$3 per 100. Cash. Jno. G. Elsie, 20th and Ontario Sts., Philadelphia, Pa.

BOUARDIA.

120 Bouvardia rosea multiflora, fine, field-grown, at 10c. S. S. Peckham, New Bedford, Mass.

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600 Browallia etc. major, 2-in., \$2.00 per 100. Alfred H. Walker, Hollis, N. Y.

BULBS.

Hyacinths, White Roman, 12-15 cm., \$2.25 per 100; \$22.00 per 1,000; choice Dutch, mixed, \$3.00 per 100; choice Dutch, separate colors, \$3.50 per 100.

Chinese longform, 7-9, \$4.25 per 100.

Chinese lilies, \$1.25 per basket of 30 bulbs, 4 baskets \$5.00.

GRIFFITH & TURNER CO., Seedsmen, Baltimore, Md.

12 100
Lilium Harrisii, 5-7-inch \$ 0.75 \$ 4.00
Longiflorum, Japan-grown, sound, healthy.
EASTER comes early. Plant now.

15 100 1,600
5-7-inch circ. \$1.25 \$17.50
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Roman Hyacinth, white 25 1.75 15.00
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1x13, Full Size 35 2.25 21.00

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12 cm. hp. 15 1.00 8.00
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FREESIA Leichtlinii, beautiful golden yellow 15 1.00 8.00

Spanish Iris, beautiful shades mixed 10 40 3.00

Dutch Hyacinth, large bulbs, extra fine, 12 cm. hp. in separate colors 50 3.50 32.00

Chinese Narcissus, mammoth bulbs, original basket, 30 bulbs, \$1.50; 20 bulbs, \$5.00.

Send for estimates on all Dutch Bulbs. Send for new catalogue. Any information. Estimates cheerfully given.

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JAPANESE LILIES. Ready for delivery.

100, 1000.
L. Auratum 8-9 \$4.00 \$35.00
8-9 doz. 9 4.75 35.00
L. Spec. Album 7-9 3.75 35.00

L. Spec. Album 9-10 4.00 35.00
L. Spec. Album 9-10 4.00 35.00
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CHINESE SACRED LILIES, per basket (30 bulbs), \$1.50; 20 bulbs, \$5.00.

Send for our AUTUMN bulb list.

JOHNSON & STOKES, 217-219 Market St., Philadelphia.

LAST CALL. Not too late to plant Easter Lilies. Per Per

Lil. Harrisii 5-7 \$4.25 \$40.00
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Our bulbs are in prime condition and will pay you well.

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Callia bulbs, sound, full size; per 100 prepaid: 3 to 4-in. in circ., \$3.00; 2½ to 3-in. in circ., \$2.00; 2 to 2½-in. in circ., \$1.00. Cash with order. Satisfaction guaranteed. Fred Hafferty, Hermosa Gardens, Santa Ana, Cal.

Choice Narcissus and Daffodils in more than 60 different varieties. Many novelties now ready for delivery. Grow your own plants. Our boxes—our own selection—give great pleasure and satisfaction, each case containing from 50 to 120 first quality cuttings. To intending purchasers catalogue free on application.

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MICHELL'S SUPERIOR HYACINTHS, red, white, pink and blue, 15 centimeters and upwards, \$2.50 per 100; \$25.00 per 1,000.

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Our wholesale price list of high-class bulbs for florists has been mailed to the trade. If you have not received a copy send for one now.

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CALADIUM, 40 best named sorts. Dry bulbs, 1 to 2½ in. diam., \$1.00 per 100, \$50.00 per 1,000; 1 to 1½ in. diam., \$0.75 per 100, \$75.00 per 1,000. Not less than 50 at above rate.

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Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc., at special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

TUBEROSE and CALADIUM etc. bulbs ready Dec. 15, 1901. For prices write to Jno. F. Croom & Bro., Magnolia, N. C.

Bulbs, all kinds. Ask for special bulb list. BOBBINK & ATKINS, RUTHERFORD, N. J.

Paper white narcissus bulbs, 80c per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Dutch bulbs ready now. Write for fall catalogue. W. C. Eckert, Allegheny, Pa.

CALLAS.

CALLA LILIES. Elliott's "Little Gem," fine for florists' use, 4-in. pots, \$6.00 per 100. Mrs. T. F. Seaton, Bricksburg, N. Y.

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1,900 candytuft. For prices address Jos. Wachtel, Catharine St., Jamaica, L. I., N. Y.

CANNAS.

Cannas, field-clumps cheap to reduce stock. Crozy, Vaughan, Henderson, Canary Bird, Ask for prices on hardy shrubs. Roney Bros., West Grove, Pa.

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Carex japonica variegata, 2 1/2-in., \$2.50 per 100. Nathan Smith & Son, Adrian, Mich.

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Surplus Carnations. Good, strong and healthy. 500 Wm. Scott, large, at \$3.00 per 100. 500 Oneda, large, at \$2.00 per 100. 500 Tidal Wave, large, at \$2.50 per 100. 500 Lizette McGowan, medium size, \$2.00. Also Pansy plants, none better for the money, at \$3.50 per 1,000. Good strong parsley roots for forcing at \$100 per 100. Cash, please. MOREL BROS., 624 East Market St., Scranton, Pa.

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Fine plants of good color of the following varieties, ready for the bench, to close out at following reduced prices: America, \$4.00 per 100; \$25.00 per 1,000. Joost, \$2.00 per 100; \$20.00 per 1,000. Evanston, \$2.00 per 100; \$20.00 per 1,000. Scott, \$2.00 per 100; \$20.00 per 1,000. Sold at 1,000 per 100.

THE HARM'S PARK FLORAL CO., Berteau Ave., Chicago.

Carnations. Field plants; fine, healthy stock. The Marquis, Ethel Crocker, Buttercup. Price, 1st size, \$5.00 per 100; \$70.00 per 1,000. 2d size, \$6.00 per 100; \$60.00 per 1,000. Gen. Gomez, Jubilee, Mrs. Jas. Deane. Price, 1st size, \$7.00 per 100; \$60.00 per 1,000. 2d size, \$5.00 per 100; \$50.00 per 1,000. Daybreak, Eldorado. Price, 1st size, \$6.00 per 100; \$60.00 per 1,000. 2d size, \$5.00 per 100; \$50.00 per 1,000. Alaska, Fortia, Sea Shell. Price, 1st size, \$5.00 per 100; 2d size, \$4.00 per 100. Sold at 1,000 per 100.

Now ready. Field-grown carnation plants, guaranteed to be strictly first class in every way, at \$5.00 per 100 for 1st size, \$4.00 per 100 2d size. Flora Hill. Argyle. White Cloud. Melba. Gold Nugget. Ethel Crocker. Frances Joost. Thos. Cartledge. Crane.

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FIELD-GROWN PLANTS.

We offer fine, strong, field-grown carnation plants at following: America, \$5.00 per 100; \$40.00 per 1,000. Crane, \$6.00 per 100; \$50.00 per 1,000. 75 Victor, 2nd size, \$4.00 per 100. Sport, \$7.00 per 100; \$60.00 per 1,000. Marquis, \$7.00 per 100; \$60.00 per 1,000. Sold at 900 per 100.

WIEIOTH BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO.

FIELD-GROWN CARNATIONS.

350 White Cloud, 2nd size, \$3.50 per 100. 400 F. Joost, 2nd size, \$3.50 per 100. 400 Evanston, 2nd size, \$3.50 per 100. 75 Victor, 2nd size, \$3.50 per 100. 150 White Cloud, 3rd size, \$2.00 per 100. 600 F. Joost, 3rd size, \$2.00 per 100. 75 Victor, 3rd size, \$2.00 per 100. Carefully packed and guaranteed to arrive in good condition.

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FIELD-GROWN PLANTS.

500 Ethel Crocker, \$5.00 per 100. 500 Genevieve Lord, \$5.00 per 100. 500 Rose Queen, \$4.00 per 100. 500 Daybreak, \$4.00 per 100. 500 Flora Hill, \$4.00 per 100. 500 Scott, \$3.00 per 100. 200 Armazindy, \$3.00 per 100. 100 Jubilee, \$4.00 per 100. Also 1000 Bride and Eve cheap.

F. E. Blake, Marion, Ohio.

FIELD-GROWN PLANTS.

Good, healthy stock. Per 100. 75 Marquis, large plants, \$5.00. The Marquis, medium, \$4.00 per 100. Ethel Crocker, large plants, \$5.00. Ethel Crocker, medium, \$4.00. Mrs. Joost, medium, \$4.00. Olympia, \$5.00. Bon Ton, \$5.00. EVENDEN BROS., Wilmington, Pa.

Carnations all sold except the following: Wm. Scott, Daybreak, Tidal Wave, Alaska, Pingree, Pierce, \$5.00 per 100. 500 Victor, \$4.00 per 100. Cash with order. F. Schackenberg, 332 Clarkson St., Flatbush, Brooklyn, N. Y.

Carnations, field-grown, clean and healthy. Crocker, Mrs. F. Joost, America, Jubilee and White Cloud, \$4.00 per 100; \$35.00 per 1,000. Cash with order, please. Baur & Smith, 38th and Senate Aves., Indianapolis, Ind.

8,000 fine, healthy, field-grown carnations, no buds on them. Ethel Crocker, Scott, Gomez, Mrs. Fisher, Lord, America, Joost, Red Wave, Snow Queen and Daybreak. 1st size, \$4.00, 2d size \$3.50 per 100. Cash. We pack light and guarantee satisfaction. CHAS. T. SEIBERT, Station B, Pittsburg, Pa.

FIELD-GROWN PLANTS of Flora Hill, Marquis, G. H. Crane, Mrs. Bradt and Daybreak, \$5.00 per 100. Evanston, Triumph, Armazindy and Argyle, \$3.50 per 100. Tidal Wave, McGowan and Scott, \$2.50 per 100. MRS. A. M. SCHAFER, 227 Balmoral Ave., Chicago, Ill.

Field-grown plants of Ethel Crocker, Wm. Scott and Frances Joost, GOODENOUGH, the most profitable white, all sold. I am booking now for good cutting stock for next season's delivery, at \$5.00 per 100. Sidney Littlefield, No. Abington, Mass.

Carnations, good, healthy plants. 2,000 Jewel and Hill, 500 White Cloud, 500 Crocker, 100 Gold Nugget, 600 Daybreak, 1,000 Crane and 100 Lord at \$5.00 per 100 for 1st size; \$4.00 per 100 for 2nd size. Carl Hawth, Springfield, Ill.

Field-grown carnations, 400 Daybreak, strong, bushy plants, \$3.00 per 100; 500 Scarlet Wave and 500 Scott, medium size, \$2.50 per 100. 300 Flora Hill, small bushy plants, \$2.00 per 100. Cash, please. CHAS. WIFFIN, Des Plaines, Ill.

Surplus Carnations. 40 Wm. Scott, 25 Hector, 1st size, at 5c each; 40 Mrs. F. Joost, 40 Victor, 40 Ethel Crocker, 30 Mrs. Fisher, 25 G. H. Crane, 25 Laura McGowan, Geo. Macco, 25 Sebec, 2d size, at 3c each. Speak quick. Geo. R. Simons, Barre, Mass.

3,000 field-grown carnations. We escaped the drought, consequently our stock is in good shape for benching. We have all the leading varieties; lowest prices quoted on application. W. E. Hall, Clyde, Ohio.

Carnations. 1000 Wm. Scott, nice plants, at \$5.00 per 100; also some seconds at \$3.00 per 100; or as they run for \$4.00 per 100. 300 Russell Black at \$2.50 per 100. W. B. Jobs, Borden-town, N. J.

Strong field-grown carnation plants. 400 Ethel Crocker, 500 Mrs. F. Joost, 150 Albertini, 125 Jubilee, 40 Victor, 50 Armazindy and Mrs. America at \$2.50 per 100. Harry White, New Holland, Ind.

800 field carnations for sale. E. Crocker, \$2.00 per 100. Wm. Scott, \$4.00 per 100; \$35.00 per 1,000. Fisher, \$3.00 per 100; \$35.00 per 1,000. L. E. Baylis, 32d and Market Sts., Wilmington, Del.

A BARGAIN—3,000 McGowan field-grown plants at \$3.00 per 100; \$2.00 per 100 for 2nd size. They are healthy plants, bushy and well-topped. Also for White Cloud, \$3.00 per 100. A. KEITER, Parker Ford, Pa.

Carnations. Strong stock. 1,500 Evelina, 600 Tidal Wave and 100 Scott, 50 Crocker, 60 Peru, 100 Ethel Crocker, 500 Daybreak at 4c. 300 McGowan, 5c. J. M. SMELY, Aurora, Ill.

Carnations. Field-grown plants of Flora Hill, Daybreak, Tidal Wave, White Cloud, Mrs. Fisher and Fred Dorner, \$5.00 per 100. McKellar Greenhouses, Chillicothe, Ohio.

Carnations. We have left 200 Jubilee, 1,000 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100, 1,000 York and 200 Scott, \$3.00 per 100. Crabb & Hunter, Grand Rapids, Mich.

A BARGAIN. Good, healthy field-grown plants. 200 Scotts and 200 McGowans, 3/4c each, or the lot for \$3.00. Cash, please. J. C. ENGBELORN, Gallon, Ohio.

Fine field-grown plants of Marquis, E. Crocker, Alma (new rose pink), Genevieve Lord at \$5.00 per 100. Armazindy, \$5.00 per 100. C. Merkel & Son, Mentor, O.

Carnations. Fine, healthy, field-grown Scott and McGowan, \$3.50; Lord, \$4.50; White Cloud and Tidal Wave, \$4.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Strong field-grown Armazindy, Bradt, White Cloud and Evanston, \$4.00 per 100, \$25.00 per 1,000. Stock in extra fine shape. Poshmann Bros. Co., Morton Grove, Ill.

FIELD-GROWN CARNATIONS in good health. McGowan, Scott and Daybreak, \$25.00 per 1,000. Cash with order. E. Leuwy, West Hooken, N. J.

FIELD-GROWN CARNATIONS. Write for varieties and prices. W. F. KASTING, 481 Washington St., Buffalo, N. Y. Genevieve Lord, the best pink, 1st size, \$5.00 per 100, \$70.00 per 1,000; 2nd size, \$5.00 per 100, \$45.00 per 1,000. H. Weber & Sons, Oakland, Md. 500 McGowan, 1,000 Scott; good strong plants from field, \$4.00 per 100, \$35.00 per 1,000, to clean up. Rutledge Nurseries, Rutledge, Pa. 500 extra fine, large Scott carnation plants, \$2.50 per 100. Wm. B. Lovell, Sabula, Iowa.

Carnations Crocker, Scott, Dana, Dean, Firefly and Fisher, \$4.00 per 100. Cash, please. R. F. Tesson, West Forest Park, St. Louis, Mo.

Field-grown carnations. A No. 1 Ethel Crocker and Genevieve Lord, \$5.00 per 100. All others sold.

DANA R. HERRON, Olean, N. Y.

Carnations. Field-grown—Eldorado, Helen Keller, Fortia, Mary Wood, Flora Hill and America. Good plants, \$4.00 per 100. James Morton, Clarksville, Tenn.

Thrifty field carnations, with plenty of roots ready now. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich. MARQUIS, size fair to large, \$5.00 per 100; \$30.00 per 1,000.

CHICAGO CARNATION CO., Juliet, Ill.

SURPLUS STOCK, field-grown, Ethel Crocker, \$4.00 per 100; Flora Hill, \$3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

500 Scott carnations, clean and healthy, \$5.00 per 100, or \$20.00 for the lot. S. S. Peckham, New Bedford, Mass.

500 Wm. Scott carnations, \$4.00 per 100. Extra good plants; not picked over. Geo. Engel, Xenia, Ohio.

Fine field-grown Crocker, Scott and White Cloud, \$5.00 per 100. Cash. J. L. Wyland, De Haven, E. D. C.

Carnations. Crane, Joost, Scott, field-grown, \$3.00. W. H. Gullett & Sons, Lincoln, Ill.

For carnations write F. Dorner & Sons Co., La Fayette, Ind.

CUT BLOOMS.

WHITE GOLDEN GATE. Forty thousand plants now in bloom. Will make exclusive contracts with one retailer in each city for present season. AMERICAN ROSE CO., Washington, D. C.

CINERARIAS.

Cinerarias, 2-in., \$2.00; 3-in., \$3.00 per 100. Cash. Samuel Whitton, 35-17 Gray Ave., Utica, N. Y.

Cinerarias, fine plants, \$4.00 and \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

CLEMATIS.

10,000 Clematis paniculata, strong, field-grown; must be sold; cheap. Send 10c for sample and prices. Frank Jenck, Box 238, Newport, R. I.

COLEUS.

Coleus Verschaffelti, 2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

CYCAS.

Eleven CYCAS REVOLUTA, 9 to 21 stems, 15 to 30 leaves per plant; will close out entire lot of 11 plants for \$150.00. WALKER, Youngstown, O.

CYCAS REVOLUTA, 1 pair, from 29-in. pots, leaves nearly 3 ft. long; W. P. Seaton, \$25.00 each; the pair for \$40.00. Mrs. L. P. Keizer, Richfield Springs, N. Y.

Cycas revoluta, 5 to 8 lvs., \$6.00 per doz.; 3 to 10 lvs., \$10.00 per doz. Cash. A. J. Baldwin, Newark, Ohio.

Cycas. Ask for special price list. BOBBINK & ATKINS, RUTHERFORD, N. J.

CYCLAMEN.

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5 plants	8	24-25	45.00
6 plants	10	24-45	5.00

KENTIA FORSTERIANA.		Inch.	High.	Per 100
1 plant	4	10	\$1.00
2 plants	4	15	\$3.00
3 plants	4	20 to 25	\$5.00
4 plants	6	24-28	12.00 100.00
5 plants	8	24-25	45.00
6 plants	10	24-45	5.00

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6 plants	10	24-45	5.00

JOSEPH HEACOCK, Wyncote, Pa.

PALMS. Strong, hardy stock.
 ARECA LUTEUSCENS, 3 plants together, 4-in., 25c; 5-in., \$1.00 and \$2.50. Extra large specimens, \$35.00.

KENTIA BELMOREANA, 4-in., 35, 40 and 60c; 5-in., 45 and 60c; 6-in., 75c and 1.00; 7-in., \$1.00; 8-in., \$2.00; 9-in., \$3.00 and \$3.50.
 KENTIA FORSTERIANA, 4-in., 35 and 40c; 5-in., 45 and 60c; 6-in., 75c and 1.00; 7-in., \$1.00 and \$1.50.

LANTANIA BORONICA, 4-in., 25c; 6-in., 50 and 75c; 8-in., \$1.00.

DRACAENA TERMINALIS, strong, 6-in., 60 and 75c.

FICUS ELASTICA, 4-in., 25c; 6-in., 50 and 75c.

PANDANUS UTILIS, 4-in., 25c; 5-in., 35c. PANDANUS VITICHI, Livistona rotundifolia, Cocos Weddelliana, Dracaena Sanderiana, etc. in regular sizes.

A large stock of strong and healthy young plants, in 2½ and 3-in. pots, of all kinds. Write for descriptive price list.

CHAS. D. BALL, Holmesburg, Philadelphia, Pa.

LANTANIA BORONICA.		20,000 cheap for cash.	Inch.	Inches No.	Price, Per 100	Per 1,000
1		3	10	10.00	100.00
2		3	10 to 13	4.00	40.00
3		3	15 to 18	6.00	60.00
4		3	18 to 21	8.00	80.00
5		3	21 to 24	10.00	100.00
6		3	24 to 27	12.00	120.00
7		3	27 to 30	15.00	150.00
8		3	30 to 33	18.00	180.00
9		3	33 to 36	21.00	210.00
10		3	36 to 39	24.00	240.00
11		3	39 to 42	27.00	270.00
12		3	42 to 45	30.00	300.00
13		3	45 to 48	33.00	330.00
14		3	48 to 51	36.00	360.00
15		3	51 to 54	39.00	390.00
16		3	54 to 57	42.00	420.00
17		3	57 to 60	45.00	450.00
18		3	60 to 63	48.00	480.00
19		3	63 to 66	51.00	510.00
20		3	66 to 69	54.00	540.00
21		3	69 to 72	57.00	570.00
22		3	72 to 75	60.00	600.00
23		3	75 to 78	63.00	630.00
24		3	78 to 81	66.00	660.00
25		3	81 to 84	69.00	690.00
26		3	84 to 87	72.00	720.00
27		3	87 to 90	75.00	750.00
28		3	90 to 93	78.00	780.00
29		3	93 to 96	81.00	810.00
30		3	96 to 99	84.00	840.00
31		3	99 to 102	87.00	870.00
32		3	102 to 105	90.00	900.00
33		3	105 to 108	93.00	930.00
34		3	108 to 111	96.00	960.00
35		3	111 to 114	99.00	990.00
36		3	114 to 117	102.00	1020.00
37		3	117 to 120	105.00	1050.00
38		3	120 to 123	108.00	1080.00
39		3	123 to 126	111.00	1110.00
40		3	126 to 129	114.00	1140.00
41		3	129 to 132	117.00	1170.00
42		3	132 to 135	120.00	1200.00
43		3	135 to 138	123.00	1230.00
44		3	138 to 141	126.00	1260.00
45		3	141 to 144	129.00	1290.00
46		3	144 to 147	132.00	1320.00
47		3	147 to 150	135.00	1350.00
48		3	150 to 153	138.00	1380.00
49		3	153 to 156	141.00	1410.00
50		3	156 to 159	144.00	1440.00
51		3	159 to 162	147.00	1470.00
52		3	162 to 165	150.00	1500.00
53		3	165 to 168	153.00	1530.00
54					

PALMS Continued.

For Sale—1 extra fine specimen plant of PHOENIX RECLINATA; height, 12 ft.; diameter, 12 in. Make an offer.

MANGLERDORF BROS. Co., Atchison, Kan.
PALMS—Latania borbonica, from 2 1/2-in. to 3 to 4 feet, \$4.00 per 100. Filifera, 2 1/2-in., \$3.50 per 100; by mail, 50c per doz. Brown & Hersey, Fairhope, Ohio.

Fandanus Vettchii, 6-in. pots, \$1.00 each; \$12.00 per doz. 7-in., \$1.50 each 8-in., \$2.00 each. John Welsh Young, Germantown, Pa.

Palms, per 100—Latania borbonica, 2 1/2-in., \$3.50; 3-in. Heliconia Belmoreana and Portulaca, 3-in., \$12.50. Morris Florist Co., Morris, Ill.

Write us for our prices on Palms and Rubbers. They will please you. Johnson & Stokes, 219-221 Market St., Philadelphia, Pa.

Kentias in all sizes. Ask for special trade list.

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You will find ALL the BEST offers ALL the time in the Review's Classified Ads.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

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 L. W. GOODELL, Pansy Park, Dwight, Mass.

50,000 Pansy Plants. The finest mixture of German and English origin, seed grown by us, mixed with 15 per cent of all the leading new varieties and Giants. Fine, strong plants, \$4.00 per 1,000; smaller plants of same varieties, \$3.00 per 1,000. Florist, Duncombe Ave., Williamsbridge, N. Y. City.

Johnson & Stokes' KINGLY collection of pansies is the finest strain of giant pansies offered. Per 1/2 trade pkt., 1,000 seeds, 20c; trade pkt., 2,000 seeds, 50c; 5,000 seeds, \$1.00; doz., \$5.00.

Johnson & Stokes, 217-219 Market St., Philadelphia.

Pansies of an extra fine, large-blooming strain, 50c per 100 by mail; \$4.00 per 1,000 by express. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Zirgibele's GIANT pansy plants, \$5.00 per 1,000, and \$1.00 for FANCIES. They are equal to any ever sent out. Denys Zirgibele, Needham, Mass.

Pansy plants, stocky, from select seed of my own growing, \$4.00 per 1000. Cash. W. J. Johnston, R. D. No. 15, Dayton, Ohio.

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Pansies worth raising. Good plants, \$4.00 per 100; \$25.00 per 500. Cash. Chr. Soltau, 39 Grant Ave., Jersey City, N. J.

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Giant of California pansy plants, \$1.00 per 100, express paid. Mitting Florist Co., Loomis, Cal.

HERR'S PANSES are all sold for this season. ALBERT M. HERR, Lancaster, Pa.

Pansy plants, 50c per 100, \$5.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Giant Trimardeau, from seed bed, \$3.00 per 1000. Cash. O. F. Searies, Nashua, N. H.

Pansies, the very best German, \$4.00 per 1000. Hugo Hook, Worcester, Mass.

Giant pansies, mixed, \$3.00 per 1000. Cash. Bryn Mawr, Chardon, Ohio.

Dbl. petunias, 2 1/2-in., \$2.50 per 100. Cash. O. F. Searies, Nashua, N. H.

PETUNIAS.

Petunias Emeraldas and Excelcor, 2-in., \$2.00 per 100. C. M. Niuffer, Springfield, Ohio.

Rooted cuttings of dbl. and fringed petunias, \$1.00 per 100. Krueger Bros., Toledo, O.

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Poinsettia pulcherrima, extra fine, 4-in., \$2.50 per doz.; 6-in., \$4.00 per doz. Nathan Smith & Son, Adrian, Mich.

"The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

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Primroses, 'Forbes' or Baby, in bloom, 2 1/2-in., \$2.00 per 100. Chinese, 2 colors, 2 1/2-in., \$2.50 per 100. Reading Scarlet, 2-in., \$5.00 per 100. Nathan Smith & Son, Adrian, Mich.

Chinese primulas, white only, 2 1/2-in., \$1.25 per 100. New Yellow Baby Primrose, 2 1/2-in., \$1.50 per 100. Cash. Morris Florist Co., Morris, Ill.

Chinese primroses, 3 1/2-in. mixed, extra large, \$4.00 per 100. Will exchange for asparagus or Yucca var. Main & Fear, Gloversville, N. Y.

Baby Primroses, extra fine, 2 1/2-in., \$2.00 per 100. Cash. W. W. Thompson & Sons, Station D, Milwaukee, Wis.

PRIMULA obconica, superb strain; 2 1/2-in. pots, ready for 4-in., \$4.00 per 100. S. M. BUR, 3533 Michigan Ave., Chicago.

Primroses, white and mixed, 3 1/2-in., \$5.00 per 200. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

100 Chinese primroses, mixed, \$2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

A few hundred fine primulas. Geo. A. Kuhl, Pekin, Ill.

ROSES.

3000 ROSES

From hardwood cuttings of the following varieties, plants very nice, for 5 and 6-in. pots: Clothilde Soupert, Francis Kruger, Duchesne de Brant, Mary Lambert, Salette, Queen of the Prairies, Baltimore Belle, Crimson, Pink, Yellow Rambler, Seven Sisters and Empress of China. C. RISMAN & Son, Trenton, N. J.

NOVELTIES. The leading European novelties, strong, healthy, field-grown or pot plants. Ask for catalogue. Peter Lambert, Telet, Germany.

Roses. Brides and Maids, 3-in. pots, \$3.00 per 100. Brides and Maids, GRAFTED, 4-in. pots, \$12.00 per 100. Walker & McLesn, Youngstown, O.

Bridesmaid, Duchesne of Albany, Perle des Jardins, Sunset, The Bride, from 3-in. pots, \$7.00 per 100; \$60.00 per 1000.

1,000 each of Brides and Maids, from 3-in. pots, \$4.00 per 100. 1,000 Golden Gays, 2 1/2-in., \$3.00 per 100. Joseph Heinl, Jacksonsville, Ill.

ROSEES. Brides, Maids and Meteors, to close into, 3-in. pots, \$3.00 per 100. R. F. Tesson, West Forest Park, St. Louis, Mo.

Pine, strong 3-year-old field-grown Whits Maman Cochet, \$10.00 per 100. Isaac H. Moss, Gettysburg, Pa.

Roses. A. F. roses, Crimson Ramblers, H. T. roses. Ask for special list of prices. BOBBINK & ATKINS, Rutherford, N. J.

Roses. 2 1/2-in. Brides and Maids, \$2.00; 2 1/2-in., \$3.00 per 100. W. H. Gullett & Sons, Lincoln, Ill.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

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RUBBERS

High. 6-in. Pot. Per 12. Per 100 39 to 24 in. 6 in. \$4.75 \$35.00 34 to 36 in. 6 in. \$5.50 40.00

Branching, two or more brnsches, 6-in. pot, \$7.00 per 12; \$60.00 per 100.

GROVEDALE NURSERIES, Phila., Pa. Fisher's Land and Wyming Ave. A. Mallon, Jr., Manager.

I have a few thousand Ruber, 3-in. pots, top cuttings, for 8 leaves, for immediate delivery; also will take orders for fall or next spring delivery at—considering stock—the following low prices: 47, 100; \$18.00 per 100 in lots of more than 100 and less than 600; \$15.00 per 100 in lots of 600 and over.

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Ficus elastica, fine strong plants, with leaves to pot, perfect in shape, \$2.00 per doz.; 18-in. to 12-inches, \$3.00 per doz. 14 to 16-inches, \$3.50 per doz. 18 to 20-inches, \$4.00 per doz.

A few large plants, 4 to 6 feet high, at \$1.00 each. All packed light and satisfaction guaranteed. H. JACKSONVILLE, Ill.

CINCINNATI FLORAL CO., 2339 Harrison Ave., Cincinnati, O.

Rubber plants, strong, grown from top cuttings, 24-in., 35c each; 30-in. per doz.; 18-in., 60c each, \$5.00 doz.; 20 to 24-in., 60c each, \$7.00 doz.; 24 to 30-in., 80c each, \$9.00 doz. Joseph Heinl, Jacksonsville, Ill.

300 Ficus elastica, \$3.00, \$4.00 and \$6.00 per doz. Extra large, 4 ft. high, full of leaves, \$10.00 per doz. Louis Unverzagt, Springfield, Ill.

RUBBER TREES, one pair round-leaved, 16-in. pots, \$6.00 each; \$10.00 pair. Mrs. L. P. Seaton, Richfield Springs, N. Y.

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Finest Giant pansy seed, critically selected, mixed, 4,000 seeds, \$1.00 per pkt., 50c. Pansy Buffalo, new Giant, fringed and ruffled, mixed, 600 seeds, 60c. Cyclamen giganteum, giant-flowering, mixed, 200 seeds, \$5.00 per pkt., 60c. Chinese primroses, finest grown, mixed, 600 seeds, \$1.00; 1/2 pkt., 60c. Cinerarias, finest dwarf, 1,000 seeds, 60c. John F. Rapp, Siretmanstown, Pa.

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French Cyclamen persicum seed, selected and saved from specimen plants grown at the Imperial Gardens of Sans Souci. Colors: White, rose, bright red and brick red, at \$1.00 per 100 seeds. Limited quantity only.

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Choice selected stock of Grand Rapids forcing LETTUCE SEED, 20c per doz.; 2 oz., 25c. S. W. Pike, St. Charles, Ill.

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Violet Princess of Wales, \$9.00 per 1000, prepaid. Send for trade list.

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SMILAX, 1500 strong 2 1/2-in. pots, to CLOSE OUT at once, \$1.50 per 100, \$15.00 per 1000, or \$1.00 for the lot. H. P. Owen, Toughkenamon, Pa.

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Stevia var., 2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

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Vegetable plants. Cabbage and lettuce, all the leading varieties, cheap and good. Write for price. J. S. Lintlich, Woodwardsville, A. A. Co., Md.

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Grand Rapids lettuce plants at 15c per 100. Good plants. John H. Trementann, Delphos, O.

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Variegated vinca, field-grown, \$4.00 per 100. J. A. **Wibe**, Downers Grove, Ill.

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100,000 VINES.

Ampelopsis Quaquefolia. Extra strong, 3 years, field grown, \$5.00 per 100, \$40.00 per 1,000.

Ampelopsis Vitifolia. Extra strong, 3 years, field grown, \$7.00 per 100, \$60.00 per 1,000; strong, 3 years, 4-in. pots, \$5.00 per 100.

Clematis Patriciana, 3 years, field grown, \$3.50 per 100, \$20.00 per 1,000; 3 years, strong, field grown, \$6.00 per 100, \$50.00 per 1,000.

2 English. 4-in. pots, \$1.00 per 100, \$8.00 per 1,000; 3 years, strong, 4-in. pots, \$1.50 per 100, \$12.50 per 1,000.

Honeyuckle. Aurea. Reticulata. Brachy-poda, Halliana. Japonica or Evergreen. 2 years, strong, field grown, \$5.00 per 100, \$40.00 per 1,000; 3 years, strong, field grown, \$6.00 per 100, \$50.00 per 1,000. Send stamps for samples.

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VIOLETS. Fine field-grown clumps CALIFORNIA, \$5.00 per 100. L. H. **CAMPBELL**, \$5.00 per 100. **PRINCESS** 1,000. **WALDES**, \$5.00 per 100. **BOSTON FERNS** from bench, fit for 5-in. pots. **S. SPRENGER**, 4-1/2, 12c. **ALLEN'S DEFLANCE MIGNONETTE**, 2 1/2-in., \$3.00 per 100. Cash, please.

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VIOLETS. Marie Louise, strong, field-grown plants, perfectly clean and healthy, \$3.50 a 100; \$30.00 a 1,000. Second size, \$3.00 a 100; \$25.00 a 1,000. Our stock will please you. Give us a trial. Write for prices on large lots. Cash, please. R. **Kilbourn**, Clinton, N. Y.

Violets. Princess of Wales, field-grown, \$5.00 per 100. California, field-grown, \$5.00 per 100. Princess of Wales and Lady Campbell, 3-in. pots, \$3.00 per 100. The above are in bud and bloom. **Nathan Smith & Son**, Adrian, Mich.

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Violet clumps all sold but we have 1,500 Marie Louise, 3-in. pots, \$3.50 per 100, and 1,000 Swanley White, 3-in. pots, \$2.50 per 100. Geo. **Engel**, Xenia, Ohio.

La France violet plants. Strong field-grown clumps from sand struck cuttings, \$5.00 per 100, \$40.00 per 1,000. **Albert H. Brown**, Westborough, Mass.

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Good field-grown California violet plants, \$1.00 per 100; \$5.00 per 1,000. Cash with order. Sample free. **John Wolf**, Savannah, Ga.

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Princess of Wales violets, 2 1/2-in., \$3.00 per 100; \$25.00 per 1,000. Cash. C. **Merckel & Son**, Mentor, Ohio.

Field-grown violets, 5,000 Lady Campbell and 10,000 Princess of Wales. Wm. Sim, Clifton-Bluffs, Mass.

MARIE LOUISE violets, strong plants, \$2.50 per 100. Mrs. L. P. **Seaton**, Richfield Springs, N. Y.

3000 Princess of Wales, fine, large field-grown plants, \$3.50 per 100. Cash, please. **Chas. Wiffin**, Des Plaines, Ill.

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To Exchange—Irish Junipers, Rubber plants and Roses to exchange for Cyclamen, Primroses and Palma. **Joseph Heintz**, Jacksonville, Ill.

To Exchange—Chinese primroses, 3/4-in., at \$4.00 per 100 for asparagus and Vinca var. Main & Ear, Gloverville, N. Y.

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Wanted—White and Pink Maman Cochet and Kaiser roses in 3 or 4 in.; Flora Hill, Crane and other great Macao field-grown carnations. As we need a large amount of the above stock we wish to buy it of one firm so that it will be forwarded in one shipment. Address **Steinhauser & Egle**, Pittsburg, Kan.

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Florists' Boxes: The J. W. **Serton Mfg. Co.**, 241-247 S. J. **Chicago**.

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H. **Schultz & Co.**, 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Fancy and Dagger ferns always on hand. Also a full line of hardy ferns, mosses, bouquet ferns, laurel festooning, etc. **Robbisco & Co.**, 36 Court Square, Boston, Mass.

For Wild Smilax, Long Needle Pines, Sabal Palm Leaves, Green Sheet Moss, Leucothoe Sprays and Fern Leaves, write **Geo. M. CARTER**, Evergreen, Ala.

Dagger or Fancy ferns, 75c per 1000. Laurel festooning, 4, 5 and 6c per yard. **Crowl Fern Co.**, Hildreth, Mass.

Southern Wild Smilax, new crop ready now. **Caldwell The Woodsman Co.**, Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to **McCellar & Winterson**, 45, 47, 49 Washburn Ave., Chicago.

If you read these advs. others would read yours.

FERTILIZERS.

PURE BONE MANURE—The brand we are selling has no superior. 50 lbs., \$1.50; 100 lbs., \$2.90; 200 lbs., \$5.00; 1,000 lbs., \$14.00; ton, \$27.00.

FULVERIZED SHEEP MANURE—One of the most effective fertilizers. Price, per sack of about 3 bushels, weighing 20 to 300 lbs. \$1.50; 500 lbs., \$5.00; ton, \$15.00.

HORN SHAVINGS—Especially useful where bedding plants are largely grown. 25 lbs., \$1.00; 100 lbs., \$3.50; 1,000 lbs., \$25.00.

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FLORISTS' SUPPLIES.

VIOLET TIN FOIL, 50 cents a lb.; 10 lbs. for \$4.50. **VIOLET CORNS** and **TASSELS**, all styles and colors. Samples cheerfully forwarded on request.

REBONS! REBONS! For every conceivable purpose in the florists' business. All widths, shades and qualities. Color cards and samples forwarded. A postal card does it.

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The Florists' Manual, by **William Scott**, is a whole library on Commercial Floriculture. Sent in your order now. Florists' Pub. Co., Chicago.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothoe sprays, address the introducer.

Harlan P. Kelsey, 218 Tremont, Bldg., Boston, Mass.

Reduction in price of Bronze Galax. **DELIVERED FREE** anywhere in U. S. for ONE DOLLAR per thousand. **American Rose Co.**, Washington, D. C.

The new green **GALAX** shipped by express; quality good. **Bronze GALAX** shipped from cold storage, New York. Write for prices. **J. G. Lovén**, Montezuma, N. C.

Bronze and green galax leaves. Write for prices in large quantities. **H. M. Robinson & Co.**, 32-36 Court Sq., Boston, Mass.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. **Crowl Fern Co.**, Millington, Mass.

Galax leaves, \$1.00 per 1000 delivered. **Geo. M. Carter**, Evergreen, Ala.

GARDEN TOOLS.

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GLASS, ETC.

Twemlow's Old English Glazing Vial, Semli-Liquid, made only in America by **Hammond's Paint and Stng Shot Works**, Fishkill-on-Hudson, N. Y.

Try **LUCAS** for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write **JOHN LUCAS & CO.**, Philadelphia, Pa.

We make special greenhouse putty. Price on application. **Lord & Burnham Co.**, Irvington-on-Hudson, N. Y.

Improved greenhouse glazing pots, positively the best made. **Chas. T. Siebert**, Station B, Pittsburgh, Pa.

Importers and jobbers of greenhouse glass. **Wheeler-Steessel Co.**, 72 Sudbury St., Boston, Mass.

Greenhouse glass, Benjamin H. **Shoemaker**, 205 to 211 North Fourth-st., Philadelphia, Pa.

Greenhouse glass a specialty. **Sprague, Smith Co.**, 297-299 Randolph St., Chicago.

HOSE.

Bull Dog Garden Hose is made by **Boston Woven Hose & Rubber Co.**, Chicago & Boston.

Good Hose. **J. G. & A. Esler**, Saddle River, N. J.

Fenn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikotene. Does not injure the most sensitive plants. Indorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one plant of Nikotene. Sold by seedsmen. **Circus** free.

Skabeura Dip Co., Chicago.

Rose leaf extract of tobacco will save you money. For free booklet write **Kentucky Tobacco Product Co.**, Louisville, Ky.

Sluazhot, Grape Dust, Etc. **B. Hammond**, Fishkill-on-Hudson, N. Y.

LEAF MOLD.

100 lbs. best leaf mold at 50c per bbl. **F. Danley**, Macomb, Ill.

PAINT.

Hammond's Greenhouse White. **B. Hammond**, Fishkill-on-Hudson, N. Y.

POTS.

Red pots, Azalea pots, Bulb and Seed pans, Fern dishes, etc.

Azalea pots, also suitable for Boston ferns, 6-in., 60c per doz.; 7-in., 70c per doz.; 8-in., 90c per doz.; 10-in., \$1.25 per doz.

Bulb and seed pans with rim, per 100: 6-in., \$3.75; 7-in., \$4.75; 8-in., \$5.25; 10-in., \$8.00; 12-in., \$10.00.

Fern dishes with rims, per 100: 5-in., \$3.25; 6-in., \$3.75; 7-in., \$4.75; 8-in., \$5.25.

Special prices on large quantities. No charge for packing.

C. C. POLLWORTH CO., Milwaukee, Wis.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. **Hews & Co.**, North Cambridge, Mass.

Standard Flower Pots—If your greenhouses are within 500 miles of the Capital, write us; we can save you money. **W. H. Ernest**, 28th and M Sts., N. E., Washington, D. C.

The **Whilldin Pottery Co.**, Incorporated, Manu-facturer of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

POTS—Continued.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-365 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Red Standard Pots, the best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

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Red Pots. Colesburg Pottery Co., Colesburg, Iowa.

POWDER BLOWERS.

The Peerless Powder Blower. Distributes equally well Sulphur, Lime, Slug Shot, Tobacco Dust, Paris Green, etc. Price, \$4.00. O. B. Chicago, Edw. E. McMorran & Co., Manufacturers, 15-21 N. Clinton St., Chicago.

TIN FOLI.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Patent Co., Kingston, N. Y.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10-bale lots, \$5.50. Send for sample bale. Z. C. Jewett & Co., Sparta, Wis.

TOBACCO DUST.

Tobacco dust, \$1.25 per 100 lbs., \$2.25 per 200 lbs., \$4.50 per 500 lbs., \$8.50 per 1,000 lbs.

Van Ruyper glazing points, 60c per 1,000, \$5.00 per 10,000.

Galvanized plant stakes for carnations: 3/4-ft. \$3.85 per 100; \$7.00 per 1,000
4-ft. 1.00 per 100; \$ 8.00 per 1,000
5-ft. 1.20 per 100; \$ 9.50 per 1,000

GRIFFITH TURBINE CO., Seedsmen, Baltimore, Md.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal as well as vertical stakes for roses, carnations, chrysanthemum, etc. Easily put on and easily taken off and are durable. Sample 100, prepaid, for 60c. H. Thaden & Co., Atlanta, Ga.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoo Bros., 226 North 9th St., Brooklyn, N. Y.

DO NOT TIE UP roses or carnations until you have read our circular on wire. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clasp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterston, 45 47, 49 Wabash Av., Chicago.

Emil Stevens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

SAN FRANCISCO.**The Dahlia Show.**

The Pacific Coast Horticultural Society held a dahlia show September 16 in Mission Opera House, Mission street, San Francisco. The show was a small one but a very good one for a starter. The dahlias, doubles and singles, cactus and pompons, were splendidly staged and made a brilliant display. The constant stream of members and their friends who passed in front of the tables were high in their praise of the prize winning exhibits and declared our dahlia show the finest ever witnessed in San Francisco. The prizes were awarded as follows:

Golden Gate Park, first prize for best collection of dahlias; 30 varieties.

Jos. Thompson, first prize for best ten cactus dahlias; and for best six show dahlias, and for best flower in the exhibition.

Wm. Eldred, first prize for best ten decorative dahlias, and for best seedling dahlias.

Wm. Bagge, first prize for best fancy dahlias, and for best double dahlias.

T. Monroe, first prize for best double dahlias.

Exhibits were also made by Mr. T. Seedman, Santa Cruz; C. B. Alexander, San Francisco, and T. Lee, Del Monte.

After the show was over President H. Plath made a little speech on behalf of our society and its first exhibition.

Mr. Jos. Thompson was called upon for a few words and they came gallantly, in his usual style. Mr. Thompson hoped that flower shows such as our dahlia show would be held frequently and reasonable cash prizes offered. He said that the honor of winning a first prize with a well-grown bloom or plant was more to be proud of than the actual cash.

Mr. John MacLaren, superintendent of Golden Gate Park, was the next speaker. He declared the dahlia exhibits the finest he had ever seen and hoped the next show given by the society would be a chrysanthemum show and that it would be a good one and urged every member to do his best to make it such.

Mr. E. Jaeger spoke a few words, from the retailer's point of view, for the dahlia as a store flower. Mr. Jaeger said: "That if the dahlia had the keeping qualities of the chrysanthemum the mums would not be in it with the dahlia as a cut flower." The many beautiful tints and exquisite formation of the blooms, especially in the cactus varieties, Mr. Jaeger thought, ought to place the dahlia on an equal footing with the rose, carnation and chrysanthemum.

Mr. Bagge was next called upon for a speech but he declared that he left his speech at home. If the few words spoken by Mr. Bagge are a sample of the speech left at home he had better bring that speech with him next meeting night. Mr. Bagge made the speech of the evening and gave the members the pedigree of the dahlia as far back as Solomon's time, if I am not mistaken.

Mr. J. M. Duncan, an amateur, gave us a little talk on window boxes. Mr. Duncan believed that passersby on the street took more notice of his window boxes than they did of his wares and was glad that prizes were to be offered for window gardening in San Francisco. Mr. Duncan also spoke of his success as an amateur in the north of Scotland where he first visited a flower show and on seeing the vegetable exhibit declared he had better vegetables in his "ane kale yard." Why don't you exhibit them, said the managers. Mr. Duncan did exhibit after that and won first prizes for cabbages five years in succession.

Mr. Wm. Eldred showed some seedlings from Roemer's Contriti that were much admired. The colors were in pink, some being beautifully marbled with pink and altogether distinct from the white form of that poppy.

Various Notes.

Mr. T. Stevenson, the London florist, sent one of his messenger boys to an undertaking establishment with a floral design a few days ago. When the little chap arrived at the parlors the under-

taker told the boy to take the design to the back part of the building and in going through, the inquisitive little fellow took a peep into a casket containing a corpse. Just at that moment escaping gases from the mouth of the dead man caused peculiar sounds to arise from the casket. The boy dropped the floral design and bolted back to Mr. Stevenson's store—"Say, Mr. Stevenson, that dead man up at the undertaker's is alive!" Upon inquiry Mr. Stevenson found that escaping gases were the cause of the boy's fright.

Mr. James Cleary is home from his trip east. It is an hour well spent to listen to Mr. Cleary's description of his reception by eastern florists. The electrical display at Buffalo he describes as fairlyland; also the bedding done on exposition grounds as something he never dreamed of. Mr. Cleary was well pleased with his trip.

Mr. H. G. MacGowan, Peidmont Nurseries, has his place in fine shape. His rose houses never looked better and very little mildew, if any, can be seen.

Mr. H. Prentice, Washington street, Oakland, is the proud possessor of a beautiful little baby boy, which makes four to date. Howard, you are a good provider.

The California Nursery Co. are hauling large quantities of tule from Niles Lake, which is used in immense quantities to pack nursery stock for shipment.

E. Gill, Oakland, is cutting large quantities of outside roses, Kaiserins, Brides, Liberties, Testouts, Sieberichs and La France. He has 30 acres to cut from. The recent rains brought them out nicely.

Mr. Charles Hasselbacher, Oakland, Cal., died on October 11. Mr. Hasselbacher was one of our largest rose growers and I can well remember some fifteen years ago when he began growing roses the immense profits he made in growing La France, that famous rose, and a great seller in those days, bringing as high as \$1 per bloom. Mr. Hasselbacher was a native of Germany and leaves a widow; no children.

A report comes from Honolulu that Mr. Joseph Carbone died at that port early in October. Mr. Carbone was at one time a member of the firm of Carbone & Monti, Kearney street, San Francisco. In later years he has been known as the introducer of the famous California violet, from which he cleared over \$30,000. Mr. Carbone leaves a widow and one son. J. N.

SPRINGFIELD, O.—Charles M. Nuffer has purchased the greenhouses and property of Thomas J. McBeth. He will remodel them at once and build four new houses in the spring.

HOLYOKE, MASS.—Gallivan Bros. have opened a floral store at 70 Dwight street. The firm is composed of Daniel and Dennis Gallivan, both of whom were for years in the employ of E. D. Shaw.

PRINCETON, ILL.—N. P. Colberg has sold his business to Oscar Lindstrum, who will continue it.

PLEASANT HILL, Mo.—Mr. George M. Kellogg's stock is looking fine and he reports business as very good.

IF YOU have a good thing, push it along through the REVIEW's classified ads.



LATANIA BORBONICA.

LATANIAS

We have a big stock of Latania Borbonica, the best selling Palm. It is all good value at the price, the 5, 6 and 7-inch sizes particularly so.

Let us have your order **NOW** while shipments may be made safely by freight.

Latania Borbonica	Pot.	Height.	Leaves.	Each.	Doz.	100
"	2 1/2"	12	5	to 6	3.60	4.00
"	3"	12	5	to 6	1.00	8.00
"	3 1/2"	12	10	to 15	80.15	1.50
"	4"	15	10	to 18	25	3.00
"	5"	18	20	to 24	6 to 7	50
"	6"	18	20	to 24	6 to 8	75
"	7"	22	20	to 28	7 to 9	1.00
\$						

BOSTON FERNS. We have extra strong bushy plants in the following sizes: 5-in., \$1.00 per doz., \$30.00 per 100; 6-in., \$3.50 per doz., \$35.00 per 100.

We are sold out of Nephrolepis Wiltheoldii in sizes larger than 4-inch at \$5.00 per doz. If you want any of these order at once—they are going fast.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

ASPARAGUS.

Our stock is large and in splendid condition.

SPRENGER.			PLUMOSUS NANUS.		
2-in. put.	3 in. put.	4 in. put.	2-in. put.	3 in. put.	4 in. put.
3	1.00	8.00	3	1.00	8.00
4	1.50	12.00	4	1.50	12.00
5	2.00	15.00	5	2.00	15.00
6	2.00	4.00			
7	2.00	6.00			
8	2.00	9.00			

From seed boxes, \$25.00 per 100.

Mention The Review when you write



**Big...
Bargains
in Palms.**

To make room quick
I will sell very
CHEAP FOR CASH.

Kentia Belmoreana.	
3-in., strong, fit to shift in 4-in.	\$18.00
4-in., " " " " " 5-in.	33.00
5-in., " " " " " 6-in.	50.00
Kentia Forsteriana.	
3-in., strong, fit to shift in 4-in.	\$15.00
4-in., " " " " " 5-in.	30.00
5-in., " " " " " 6-in.	50.00
Latania Borbonica.	
4-in., strong, fit to shift in 5-in.	\$ 15.00
5-in., " " " " " 6-in.	30.00
6-in., " " " " " 7-in.	50.00
7-in., " " " " " 8-in.	100.00

8000 Carnations.
Fine healthy, bushy, well grown field plants, no buds on them: E. Crocker, Scott, Gomez, G. Lord, Mrs. Fisher, America, Joost, Red Wave, Snow Queen, Florida, Daybreak, 1st size, \$4.00; 2nd size, \$2.50. **Cash with order.**
I study to please every patron and pack carefully in light boxes. I guarantee entire satisfaction and big value for the money. We have three express companies—Adams, American and United States.

Chas. T. Siebert, Pittsburg, Pa.
Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Ads.

Burpee's Seeds Grow

XXX SEEDS

PANSY—FINEST GIANTS. critically selected, mixed; 400 seeds, \$1.00; half pkt., 50c.

PANSY "BUFFALO." New Giant Fringed and Ruffled, Grand, mixed, 600 seeds, 50c.

CYCLAMEN GIGANTEUM. Giant flowering, mixed, 500 seeds, \$1.00; half pkt., 50c.

CHINESE PRIMROSE. Finest grown, mixed, 500 seeds, \$1.00; half pkt., 50c.

CINERARIA. Finest dwarf, 1000 seeds, 50c.

JOHN F. RUFF, - - - Shipmanstown, Pa.
The Home of Primroses.

Mention The Review when you write.

HARDY HERBACEOUS PERENNIALS.

Field-grown plants, as follows: *Cypripedium Laneola*, *Gaillardia Grand Aquilegia*, mixed; *Aquilegia Chrysantha*, *Anthrinum*, mixed, choice colors; *Anthrinum Queen of the North*, *Hemerocallis Flava*, *Hardy Pink*, 5 varieties, \$3.00 per 100. **PANSIES**—extra fine strain, large blooming, 5c per 100 by mail; \$4.00 per 100 by express. Cash with order please.

CHARLES S. DUTTON,
85 W. 12th St., Holland, Mich.
Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.

Big Bargains!

TO MAKE ROOM.

	Per 100
Chinese Primulas, white only, 2 1/4-in.	\$ 1.25
Cinerarias, 2 1/2-in.	2.00
New Yellow Baby Primrose, 2 1/4-in.	1.50
Smilax, 2 1/4-in.	1.00
Latania Borbonica, 2 1/2-in.	3.50
Kentia Belmoreana, 3-in.	12.50
Kentia Forsteriana, 3-in.	12.50
Pansy Seed, choice mixed, \$3.00 per doz.	
Pansy Plants, 50c per 100 by mail, \$4.00 per 100 by express.	

CASH—

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,
RICHMOND, INDIANA.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Ads.

TORONTO.

We have been so eager to demonstrate to their royal highnesses, the Duke and Duchess of York, our almost excessive loyalty that business outside of a few funeral orders and a number of unimportant weddings has been at a standstill. The decorations for the affairs gotten up in honor of our guests exceeded by far anything ever before attempted here. Tidy and Dunlop secured the best of the orders.

Roses have been plentiful the past week. Carnations and violets are still scarce.

H. Dale, of Brampton, is sending in some splendid stock at present, notably his Lily of the Valley, which is as fine as ever shown here at this time of the year, and his Morgans and Beauties are exceptionally good.

Mums are scarce, and it looks as if the general crop were going to be late with us this year. Butterworth, though, has some splendid stock well on the road to market.

Asparagus, ferns and smilax are scarce and in good demand.

Sinclair, our new commission merchant, reports good trade, with stock scarce. His stock of supplies has just arrived. C. W.

SALT LAKE CITY, UTAH.

Lorenzo Snow, fifth president of the Mormon church, died Thursday, the 10th inst. Funeral services were held in the Tabernacle Sunday. The floral offerings were numerous and many beautiful pieces were among them. The Huddart Floral Company, R. E. Evans and Morris Floral Company furnished most of the designs.

The Salt Lake Floral Company has commenced cutting carnations and roses. A house (20x260) of mums grown to single stems is promising a fine cut in the near future; in fact, their place throughout presents a fine appearance for the time it has been in operation. They have just completed a propagating house 8x50. They expect to open their retail store on Main street about November 1. J. H. M.

VANCOUVER, B. C.

Mr. James Pont, of the Vancouver Floral Co. has returned from a visit to his old home in England. He took in New York and the Pan-American on his way back, and looks ten years younger as the result of his trip. His good wife accompanied him.

The well-known firm of Walker & Robinson, of the Georgia street greenhouses, have dissolved partnership. Mr. Walker remaining in business at the old stand, while Mr. Robinson has started a new set of greenhouses at Cedar Cottage.

Your humble servant is busy building another greenhouse and getting ready for another trade. M. J. HENRY.

NEW YORK EXHIBITION.

Mr. John Young offers a silver cup, value \$25, for the best display of the carnation, Governor Roosevelt, to be competed for Thursday, October 24, at Madison Square Garden, at the exhibition which will then be in progress, under the management of the New York Florists' Club. JAMES W. WITHERS, Secretary Exhibition Committee.

...FOLDING... Cut-Flower Boxes.

WE HAVE A BOX THAT WILL PLEASE YOU.
IT IS MADE RIGHT
AND THE PRICES ARE RIGHT.

FREE: We will send free a Sample Box and our prices on all sizes on request.

Don't fail to get our samples and prices before buying elsewhere.

HOLTON & HUNKEL CO., Milwaukee, Wis.

Mention The Review when you write.

Field-Grown Carnations.

To Close Out at Following Reduced Prices:

Fine plants of good, clean stock of the following varieties, ready for the bench:

America.....	\$4.00 per 100;	\$35.00 per 1000
Joost.....	25.00 "	
Evanson.....	20.00 "	
Scott.....	20.00 "	

250 at 1000 rate.

The Harms' Park Floral Co., Berrean Av., CHICAGO.

Mention The Review when you write.

GOODENOUGH The Most Profitable White Carnation.

PLANTS ALL SOLD. I am booking orders now, for rooted cuttings for next season's delivery, at \$5.00 per 100.

Field-grown plants of Wm. Scott, Ethel Crocker and Frances Joost.

SIDNEY LITTLEFIELD, North Abingdon, Mass.

Mention The Review when you write.

THRIFTY FIELD.....CARNATIONS

WITH PLENTY OF ROOTS
READY NOW All the best varieties.
Write for prices.

GEO. HANCOCK & SON,
Grand Haven, Mich.

Mention The Review when you write.

20,000 Field-Grown..Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching.
Flora Hill, Melba, Crocker, G. Lord, E. Lippincott, America, Crane, Maceo, Bradt and Sandusky. Lowest prices quoted on application.

W. V. HALL, - - Clyde, Ohio.

Mention The Review when you write.



HITCHINGS & CO.
233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING.
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

Mention The Review when you write.

MARQUIS

Size Fair to Large,
\$5.00 per 100,
\$30.00 per 1000.

CHICAGO CARNATION CO.
JOLIET, ILL.

Mention The Review when you write.

CARNATIONS....

FIELD PLANTS. Speak Quick if you want them.
Genevieve Lord, the best pink, strong,
1st size, \$8.00 per 100, \$70.00 per 1000; 2d size, \$5.00 per 100, \$45.00 per 1000.

Chrysanthemum Stock Plants, write for varieties and prices.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

CARNATIONS.

E. Crocker, field grown, per 100... \$4.00
F. Hill, field grown, " ... 3.00
200 Chrysanth. Primroses, mix, " ... 2.00

CASH.

JOS. H. CUNNINGHAM, DELAWARE, O.

Mention The Review when you write.

Joseph Heacock

OFFERS THE FOLLOWING

PALMS

They are home grown, strong and healthy, free from insects and disease, and are of unusual good value at prices quoted.



KENTIA BELMOREANA.

AREA LUTESCENS.		Per doz.	Per 100	Per 1000
2-inch pot, 1 plant in pot,	10 to 12 inches high	\$ 1.00	\$ 5.00	\$45.00
4 " " 3 " "	15 " "	3.00	25.00	
6 " " 3 " "	20 to 22 " "	9.00	75.00	
6 " " 3 " "	24 to 26 " "	12.00	100.00	
8 " " 3 " "	30 to 36 " "	Each	Per doz.	
10 " " 3 " "	42 to 45 " "	3.25	\$30.00	
		5.00		
KENTIA BELMOREANA.		Per doz.	Per 100	Per 1000
2½-inch pot, 3 to 4 leaves,	8 inches high	\$ 1.50	\$12.00	\$100.00
3 " " 4 to 5 " "	9 to 10 inches high	2.50	20.00	
3 " " 4 to 5 " "	10 to 12 " "	3.00	25.00	
4 " " 5 to 6 " "	15 " "	4.50	35.00	
4 " " 5 to 6 " "	18 " "	6.00	50.00	
6 " " 6 " "	24 " "	Each	Per doz.	
6 " " 6 to 7 " "	26 to 28 " "	1.25	\$15.00	
8 " " 6 to 7 " "	30 to 32 " "	1.50	18.00	
		3.00	36.00	
KENTIA FORSTERIANA.		Per doz.	Per 100	Per 1000
2½-inch pot, 4 leaves,	8 inches high	\$ 1.50	\$12.00	\$100.00
3 " " 4 " "	12 " "	2.50	20.00	
4 " " 4 to 5 " "	15 " "	Each	Per doz.	
6 " " 5 to 6 " "	30 " "	\$ 1.25	\$15.00	
6 " " 6 " "	36 to 38 " "	1.50	18.00	
7 " " 6 to 7 " "	38 to 40 " "	2.00	24.00	
7 " " 6 " "	36 to 42 " "	2.50	36.00	
8 " " 7 " "	42 " "	3.00	36.00	

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Kentia Forsteriana (Made Up Plants)
8-inch pot, 4 plants in pot, 36 inches high, each, \$3.00.

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We have left 200 Jubilee, 1000 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100. 1000 New York and 200 Scott at \$5.00 per 100.

VIOLETS—500 Swanley White and Lady Campbell, from 2½-inch pots, at \$2.00 per 100.

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Crocker, Scott and White Cloud that are extra fine, at \$5.00 per 100. Cash with order. Address

J. L. WYLAND, De Haven, Pa.

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Grower of
**ROSES and
CARNATIONS,**

BLOOMSBURG, PA.

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BY L. L. LAMBORN.

Fourth edition just out, rewritten and brought up to date and contains nearly 200 pages of valuable information, such as every successful Carnation grower ought to know. Price \$1.50 by mail. Money back if it is not worth it. Table of contents on application. Address

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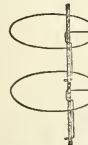
PER 100, 50 cents.
PER 1000, \$3.00.

Paper White Narcissus Bulbs.....	Per 100	\$.80
Asparagus Sprengeri, 2-in. pot.....	1.50	
Plumosus, 2 " " " " " " " " " "	2.50	
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Armazindy, Pradt, White Cloud and Evanston, \$1 per 100; \$55 per 1000. Stock in extra fine shape.

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GERANIUMS:	Per 100
Silver Leaf, 2½-inch.....	\$4.00
Mrs. Pollock, 2½-inch.....	4.00
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per 1000, \$15.00.	

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Terms Cash or C. O. D.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO. 520-535 Caxton Building, 334 Dearborn Street, Chicago.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per Inch, \$1.00; 1/2 page, \$15; full page, \$30. Discounts, 5 times 4 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

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This paper is a member of the Chicago Trade Press Association.

The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

Table listing advertisers and their addresses, including American Rose Co., Anling, E. C., Ball, C. D., etc.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



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Traveling Representative: U. CUTLER RYERSON, 108 Third Ave., Newark, N. J.

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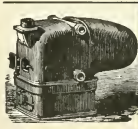
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Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus. Send Four Cents for Catalogue.

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NOW READY.

Delivered Price anywhere on lots of one dozen or more Guaranteed in every way.

THREE SIZES.

- 3 ft. x 6 ft. 3 rows 10-inch glass
- 3 ft. 3 in. x 6 ft. 4 " " 8 "
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Clear Cypress, 1 1/2-in. thick without paint or glass.

Red Cedar Posts.

All Heart Cypress Lumber for greenhouses. Write for circulars, plans and estimates.

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Special Shades. Special Designs. Plain or Colored.

Write today for samples and prices.

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Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

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15 to 621 Sheffield Ave., CHICAGO, ILL.

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A Complete Reference Book for Commercial Florists

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Duplex Iron Gutters.

Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 2 inches of shade. No drip whatever from glass or gutter.

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Every Grover should have one. Lightens your Toil. Saves Time and Money.

Distributes equally well Sulphur, Lime, Slug Shot, Tobacco Dust, Paris Green, etc. Price \$4 00 F. O. B. Chicago.

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The results from my asparagus adv. show that your valued journal has a wide circulation among florists. I get orders from Atlanta, Ga.; New Orleans; San Antonio, Tex.; Salt Lake City and Florida.—H. P. OWEN, Toughkenamon, Pa.

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Nursery... .. Florists'... Catalogues

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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMAN - CIRCULAR FREE - SKABCURA DIP CO. CHICAGO.

Kill AND SAVE THE BUGS!

THE FLOORS QUICKLY DOES IT.

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For Sale by Seedsmen. For Free Pamphlet write to

ALL-ROUND INSECTICIDE on the Market.

The Kentucky Tobacco Product Co., Louisville Ky.

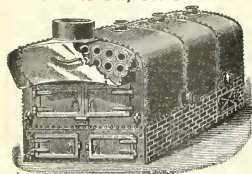
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FIVE TIMES AS MANY.

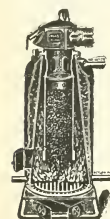
I spent \$2 in the classified columns of the REVIEW and as a result sold five times as many plants as I did through \$25 worth of advertising in another paper. This is experience that can't be gainsaid.—G. P. MOORE, Ocean City, N. J.

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Greenhouse Boiler,
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GREEN FLY, MEALY BUG, RED SPIDER, OR THRIPS?

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Fumigating Compound.

Circulars on application. Will not damage flowers or foliage.

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FULL SIZE
N P 2

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Greenhouse Construction Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York office on receipt of five cents postage for each.

LORD & BURNHAM CO.
GENERAL OFFICE AND WORKS:
Irvington-on-the-Hudson, N. Y.

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High Grade BOILERS

Get our Catalogue. For GREENHOUSES. STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

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Evans' Improved Challenge Ventilating Apparatus.

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is giving satisfaction.



Write for Catalogue containing testimonials of the leading growers.

GEO. M. GARLAND, DES PLAINES, ILL.

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233 MERCER ST., NEW YORK.
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PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. GREENHOUSE BUILDING

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, OCTOBER 24, 1901.

No. 204.

\$ ASPIDISTRA! \$

Pot-grown plants, the green and variegated leaves. Have bought a large stock of both. Leaves measuring from 20 to 30 inches, in perfect condition.

Write for prices on the above, as well as all other bulbs, roots and plants.

\$ F. W. O. SCHMITZ, \$ PRINCEBAY, N. Y.



Michell's Superior BULBS. Forcing TULIPS.

Extra large, 1st size, Standard varieties.

La Reine, white and rose	Per 100	\$0 70	Per 1000	\$6 50
Belle Alliance, deep red	"	1 15	"	9 50
Cottage Maid, pink and white	"	1 00	"	9 50
Yellow Prince, yellow	"	1 20	"	10 00
Keizerskroon, red and yellow	"	1 20	"	10 00
Tournesol, double red and yellow	"	1 40	"	12 00

Send for our complete Wholesale Bulb Catalogue.

HENRY F. MICHELL, 1018 Market St. PHILADELPHIA, PA.

KENNICOTT BROS. COMPANY, Wholesale Commission Florists AND DEALERS IN All kinds of Florists' Supplies, 42 and 44 E. Randolph St., CHICAGO.

.....WHOLESALE PRICES.....

Brides and Maids	per 100	\$2.00 to \$4.00
Meteors	"	2.00 to 4.00
Perles	"	2.00 to 4.00
Chrysanthemums	per doz.	1.25 to 2.40
Carnations	per 100	1.00 to 1.50
Violets	per 100	1.00 to 1.00
Valley	"	4.00 to 5.00

BEAUTIES. 24-inch and over	per doz.	\$1.75 to \$2.00
20-in. stems	per doz.	1.50 to 1.75
15 "	"	1.50
12 "	"	1.00
Short	per 100	4.00 to 6.00

Asparagus	per string	\$0.60 to \$0.75
Adiantum	per 100	.75 to 1.00
Sinlix	per doz.	2.00 to 2.40
Galax, green	per 100	\$1.00
Galax, bronze	"	1.75
Ferns	"	1.50
Asp. Sprenger's and Asp. Pinnatus sprays	"	2.00 to 3.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

WM. F. KASTING WHOLESALE COMMISSION FLORIST....

ROSES, CAERNATIONS
And all kinds of Seasonable Flowers in stock.
ALSO DEALER IN FLORISTS' SUPPLIES AND WIRE DESIGNS.

481 Washington St. BUFFALO, N. Y.

Open from 7.30 a. m. to 6.30 p. m.



Give Us a Trial. We Can Please You.

We are booking ADVANCE ORDERS now for BOUQUET GREEN, HOLLY,

Evergreen Wreathing and Christmas Decorations.... Will be pleased to name interesting prices.

Fall Importation of L. AURATUM and RUBRUM now ready.

LILY OF THE VALLEY, HAMBURG and BERLIN, ready soon.

Bone Meal, Cane Stakes, Mastica, Spharatum, Tobacco Stems and full line of Supplies. Send for Price List.

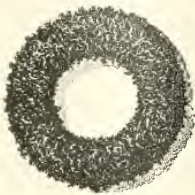
W. W. BARNARD & CO. 161-163 EAST KINZIE ST., CHICAGO.

CUT BLOOMS WHITE GOLDEN GATE FORTY THOUSAND PLANTS NOW IN BLOOM.

Will make EXCLUSIVE CONTRACTS with one retailer in each city for present season.

AMERICAN ROSE COMPANY, - WASHINGTON, D. C.

TIME HAS ARRIVED



to place your **Holiday** orders for **Xmas** goods, such as **Immortelles, Moss Wreaths, Cape Flowers, Statice, Metal Designs, Red Immortelle Stars and Xmas Bells, Birch Bark Crosses**, either straight or slanting, and our entirely **New Christmas Wreaths in Green or Grey. Don't fail to see them.**

We carry the **finest assortment** of these goods in the country, and handle **only the best. Our Prices are never higher** than you pay for **inferior quality** elsewhere. By placing your orders with **us** you can feel **satisfied** that you will receive the **best value** consistent with quality of A No. 1 goods. We carry **no inferior stock.** Prices on application.



M. RICE & CO.

Importers and Manufacturers,

Leading Florists' Supply House.

CATALOGUE FOR THE ASKING.

918 Filbert Street, PHILADELPHIA, PA.

Mention The Review when you write

Thorburn's BULBS

Our Wholesale Price List of High Class Bulbs and Flower Seeds for Florists has been mailed to the trade. Anyone who has not received a copy is invited to send for it now. We are the oldest Bulb importing firm in America.

J. M. THORBURN & CO.

36 CORTLANDT STREET. NEW YORK.

ORCHIDS..

Our stock of Orchids this fall is unsurpassed in quality and price. A number of varieties are now in sheath or spike.

WRITE FOR PRICES.

Lager & Hurrell, Growers and Importers, Summit, N. J.

Mention The Review when you write.

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H. Bayersdorfer & Co.

FLORISTS' SUPPLIES,

50, 52, 54 and 56 North Fourth St., PHILADELPHIA, PA.

Mention The Review when you write.

A. HERRMANN,

Manufacturer of Floral Metal Designs, Importer and Dealer in Florists' Supplies, FACTORY, 708 First Ave., bet. 40th and 41st Sts.

OFFICE and WAREHOUSES, 404, 406, 408, 410, 412 E. 24th Street, NEW YORK. WRITE FOR NEW CATALOGUE.

Mention The Review when you write.

SIGMUND GELLER,

FLORISTS' SUPPLIES

Complete Stock, New Goods. New Illustrated Catalogue now ready. Send for it.

108 W. 28th St., near 6th Av., NEW YORK.

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REED & KELLER,

119 & 122 West 25th St., NEW YORK, N. Y.

Manufacturers of Florists' Wire Designs,

Importers and Dealers in Florists' Supplies.

Galax Leaves and all Decorative Greens.

Always mention the Florists' Review when writing advertisers.

FLORISTS' CALENDAR FOR OCTOBER.

We reduced to clear out for Easter planting our well known RELIABLE stock of

Lil. Longiflorum.	12	100
5x7 inch etc.	.....	\$0.25 \$1.75
6x8 "	.....	40 2.50
7x9 "	.....	50 3.50
8x10 "	.....	80 6.00

Longiflorum Multiflorum, earliest flowering. Try at least one dozen of these for Easter. We still have sizes 5x7 at \$2.00 a 100; 6x8 at \$3.00 a 100; 7x9 at \$4.50 a 100.

Hyacinths, 15 cm. up, superb stock	12	100
In separate colors	.....	\$0.50 \$3.50
Dutch Romans, your choice,	.....	40 2.50
named stock	.....	75 5.00
Dutch, 17-18 cm., named stock	.....	85 6.00

Narcissus You Non, extra	12	100
double nosed	.....	\$0.25 1.75
do	.....	30 1.50
do	.....	20 1.00
Trumpet Major, extra size	.....	39 1.25
Choice Sacred, 30 bulbs to basket	.....	\$1.50

One mid. 120 bulbs, 4 baskets, \$3.00

Extra Offer Paper White Grandiflora.

We wish to sell out a late consignment and offer at import price:

12 cm. up	.....	100	1000
.....	.....	\$0.65	\$5.50
15 cm. up	.....	80	7.00
.....	.....	20	1.00
Calla Richardson albomaculata, spotted Calla	.....	12	100
Extra large, monster	.....	\$0.50	\$3.00
Second size	.....	40	2.00

READY FOR FALL PLANTING.

Lil. Auratum (very scarce this season)	.....	50c for 12	\$3.00 a 100.
6x8-inch	.....	0.6c	4.50 "
8x9-inch	.....	8c	6.50 "
9x11-inch	.....	\$1.50	10.00 "

Lil. Rubrum, Album, Melponense ready.

Write for prices on anything not on list. Estimates on larger orders cheerfully furnished.

JUST RECEIVED FROM AUSTRALIA.

Fresh 1800 Crop Kentia Seed, Belmonte and Forsteriana, either, 100 seeds, 50c; 1000, \$4.00.

Coming - Fresh seed of Asters, Sweet Peas, Cosmos, Verbena, etc.

Address **H. H. BERGER & CO.,**

47 Barclay St., New York.

Est. 1878. P. O. Box 1859.

THE RETAIL FLORIST.....

Exhibitions.

We are on the eve of all the annual flower shows throughout the country and there is much calculation and anticipation in the minds of many florists. A public demonstration of ability is actually a necessity. To win and keep trade the florist must at all times show, and show his very best, and we wonder why it is that that spirit doesn't more generally crystallize at the annual flower shows where the necessity seems so much greater.

The majority of retailers will go to expense in making up special designs for their windows and often these designs cost more and are prettier than those seen at exhibitions. In this light they cannot be accused of impecuniosity. What, then, is the cause of the seeming indifference toward flower shows? Is there a general understanding that art is not understood by the average judge appointed to dispense honors at these annual events, and that the average retailer prefers to keep out rather than be made a victim? Well, if it be so the remedy is in the retailers' own hands; they are sufficiently strong in any city to dictate the policy and workings of any floricultural club, and their failure to do so is rather a reflection upon their branch of the trade.

It is to the matter of non-competitive exhibits that we would draw special attention. There are so many beautiful things not mentioned in schedules, whereby every retailer can win more than mere cash or cup for a prize. There are designs in plants for instance. With a little timber, cork-bark, green sheet moss and some plants we can make a grotto, or arch, or arbor, or cosy den effect that will attract more attention than all your formal benches put together. Or get a mantel or mirror, and what cannot be done with mirrors? Put one on the floor for water effect and others standing to lend distance. The people look for ideas at a show and it costs less than you imagine to enchant them. It's easy to make a miniature lake. Get a large mirror, lay it flat on the floor, get some sand and pebbles and a piece or two of rock, make an imaginary shore at one end, and fringe all around with *Lycopodium denticulata*; you can finish off with taller plants, making vistas and attractive little nooks here and there with or without other mirrors. In many cases water can be used instead of a mirror, and it can be made to trickle over and down rocks. Other places there are where electricity can be utilized in many ways.

In the matter of table decorations we have before us now several letters asking for advice as to what to use at different shows, and in all cases we advise a strict adherence to the language of the schedule. Language and intent in many schedules are indeed illogical paradoxes. Quality of course adds value to any design, but there is too much weight given to quality in the case of table dec-

orations. Where a grower happens to be judge he will invariably give the award to size of flower, ignoring the form or finish of your work. In the case of any flower outside chrysanthemums, the finer the better, but especially for small tables, medium sized chrysanthemums are preferable. Harry Balsley or Helen Bloodgood for pink, Bonnafon for yellow, are very good types to work with. The fol-

left clear for dishes and service. Don't make your decorations oppressively heavy nor formal; have your flowers arranged unevenly, yet even in outline. No flower should touch the other, and each should be so placed as to show its best from the side. Huge corsage bouquets tied with ribbon are no longer used; just a fine flower for each guest; if it be a chrysanthemum the dense foliage is taken off and a spray of Farleyense is substituted; better to have the gentlemen's flowers pompons.

In the uptodate table decoration the same variety of flower is used for all the guests. Ribbons are no longer used in first class table work unless where velvet is used on the flowers to be worn. The service or dishes count for overmuch at most shows and the rich florist gets a chance to show the power of wealth. Of course a fully finished table is a



Large Corsage Bouquet of Orchids.

orage of *Acer atropurpureum sanguineum* will go best with white flowers and *A. atropurpureum dissectum* best with yellow. Ferns, such as *Adiantum Farleyense* will go with any color, but autumn foliage does not go well with reds or pinks.

Always select a round or oval table and everything on it should harmonize. The rule to rigidly observe is that from eighteen inches to two feet should be

nice thing, but not all florists can afford to put one up. There should be a class for all where flowers and design alone are considered. The use of flat baskets permits of a more studied or formal style of decoration and it is usually the easiest form to arrange; finer work can often be done by using a large low bowl.

A very important point is to arrange your flowers so they will not obstruct

the view. It's the finish that counts for much all the time. It isn't necessary to overcrowd a table to make it look rich; an overcrowded table is vulgar; richness depends on material and form that require delicacy of touch to display them properly.

Chrysanthemums can be used to good advantage in wedding decorations and you can easily arrange an arbor with a few plants and two large vases of these flowers. Often the simplest material can be put to splendid use. At the recent wedding of young Rockefeller, who is considered the richest young man in the world, a large building was specially erected for the occasion; the interior was draped with white cheese cloth and upon this were garlands of wild smilax, the canopy was in the shape of a sea shell and was made of green sheet moss, there was a wealth of flowers used in the room, but the best work was done where brains were used in arranging even commonplace stock, such as wild smilax and green moss, and this will apply to your work at exhibitions. Get in line and show what you can do, whether there is a class for it or not; public appreciation and self satisfaction are worth catering to. IVERA.

ORCHID CORSAGE BOUQUETS.

The two examples of orchid corsage bouquets shown this week were specially made for this department last spring. The larger one is composed of two spikes of *Cattleya speciosissima*. It shows about the choicest corsage bouquet that can be made.

This size is intended to illustrate what is the proper thing where expense is not considered—at dinner or theater parties. No greens are used, simply cattleyas, with colored velvet ribbon twisted around the stems and tied in a short bow. Greens would destroy the beauty of these flowers and would make them look cabbage when worn. Then again, dresses usually worn at formal dinners or at the opera are so delicate in color or texture that greens both injure the dress and destroy the whole effect. These flowers are *Flora's diamonds*, and must be so considered and worn.

The smaller bouquet is one spray of *Cattleya Trianae*, and is intended to show what can be offered and worn at any time or occasion. The baby ribbon used is the exact color of the petals; it is just a little too long in the streamers. This size bouquet looks very pretty when worn as a shoulder spray. It is more generally used to extend the frontage of décolleté dresses, but it can be worn on the street. Where specially choice flowers are wanted, or the dresses are of an expensive kind, florists should recommend cattleyas; they will be very stylish this winter, and it is hoped the growers will assist in keeping the flower popular by putting a steady and reasonable price on them.

The flowers in the illustrations were grown by Arthur Herrington, Madison, N. J., and were kindly loaned to us for this purpose by Thomas Young, Jr., who wholesales them. The photographs scarcely do the flowers justice, as they were some of the finest seen here. IVERA.

ROSES.

Style of House.

The best style of a house in which to grow roses has been a much debated

question which is apparently still unsettled, some growers preferring long-span-to-the-north; some long-span-to-the-south, and there are others who claim an equal-span to be best.

The object desired by a grower being a maximum of sunshine with a minimum of shade seems to be easiest obtained with a three-quarter-span, long-span-to-the-south. This is the style adopted by the majority of growers who want winter blooms. For summer roses an equal-span house running north and south answers the purpose better, the sun being on the end of the house during the hottest part of the day, the sash bars afford quite a bit of shade to bud and leaf, giving them more time to develop. Winter crops in such houses, while of excellent quality, are slower and more irregular than in houses with a southern exposure. A good, up-to-date grower will soon adapt himself to the conditions and produce good roses from any of the existing styles of modern houses.

Benching.

The most common style of bench used is table-bench, which can be of any width to suit the requirements of the house, with side boards 5 inches deep and board bottoms. The boards for bottoming should be 5 or 6 inches wide and a space of one inch left between each board for drainage. This is the easiest and quickest to build and taking first cost into consideration, the cheapest. The one great drawback in this kind of a bench being the everlasting repairs it entails, which needs to be done at the season when there is least time to attend to it.

Tile-bottomed benches do away in a great measure with repairing. In the construction of a bench of this kind there is little difference from the other; simply substituting tile or half-tile for boards and filling in between the shoulders of the tiles with coarse gravel; this, after being covered with sod or litter to keep the soil from running, makes the most perfect drainage that I know of. We have been using such a bench for the last four years and while the initial cost runs considerably higher, the repairs, up till now, have amounted to absolutely nothing. The stock is more vigorous and the cut much better than on benches with board bottoms in the same house.

Soils.

Good stock can be successfully raised on many kinds of soil from black muck to that yellow, fibry loam so much sought after. To get soil in good condition for planting it should be collected some time previous to using. The top spit to a depth of 6 inches from well-sodded pasture land, put in a neat pile with one-fifth well-rotted stable manure added and allowed to stand for two weeks before being chopped and then turned over in another week and the manure thoroughly incorporated with it will make it ready to put on the bench.

This work can be done in the fall or early in the spring; the soil collected in the spring is less liable to grow green scum on the surface than that which has been in the pile all winter. RIBES.

BEDS OR BENCHES.

Which is better for two-year-old dormant roses, beds or benches? Should they be cut back when planted or after

they commence to break? The roses to be planted are Beauties and Kaiserins, own roots. M.

American Beauties will succeed best if planted on a table bench. If planted in solid beds they are apt to run to wood, and having no control of the roots it would be a hard matter to get them to bud during the winter.

Dormant stock should be planted without being pruned; the pruning to be done after the eyes have started. If the tops are too heavy they can be reduced but not too near the eyes you wish to break. Give one good watering after planting, then allow the bench to become medium dry; syringe every bright day, and keep the temperature at 50 degrees till the eyes break; after that give water more freely and gradually raise the temperature till 58 degrees is reached.

It is now either too late or too early to do much with dormant Kaiserins. The stock can easily be kept dormant till after the middle of January, when they can be planted in solid benches and treated in the way recommended for Beauties. If planted and started now the growth will be weak as at its best it is but a poor winter grower, but when started early in spring it makes one of the best early summer roses and continues to bloom till late in the fall. RIBES.

CARNATION NOTES.

Firing.

The season is here now when fire will be needed almost regularly and great care and judgment is required from the man who runs the place through the nights. During October and early November there is perhaps more danger of ruining the season's prospects than there is at any other time after the plants are housed. It takes careful watching both day and night now so that there is fire when it is needed, and no artificial heat when it is not needed. One night is liable to be warm enough to keep the ventilators up a foot or more and the next night is likely to see the mercury hovering around the freezing point, so you must be ready to fire up at any time and when it is warm enough you should have the ventilators up. Carnations like a fresh bracing atmosphere above all things, but if the wind is high and raw you must keep the ventilators low enough to prevent cold draughts from striking the plants.

Watering.

You are most likely to be cutting some blooms by this time and the temperature should be kept as regular as possible to keep the calyxes from splitting. If there are no signs of red spider we syringe less frequently after about the middle of October, once or twice each week is enough if it is done with good force and whenever possible syringe the plants from both sides and only do it on bright days. Water is also given more sparingly at the roots, especially to those varieties which are subject to bacteria. You want to work toward keeping the grass of such varieties firm at all times and right at this time is when the damage is most often done. If you notice the soil getting too wet dust the plants and the soil with lime.



Small Corsage Bouquet of Orchids.

Disbudding.

If you have all the supports in place and the benches clear of weeds and other litter you have the greatest part of your work done and from now on it takes brain rather than muscle to insure success. Keeping the plants within their allotted spaces and keeping the flower stems disbudded should be looked after right along and don't wait until the plants lay all around the bench before you put them into place and don't wait until the main bud is about ready to open before you do the disbudding, but go over them every few days and the faster they grow the oftener you must go over them. Disbudding should be done as soon as the buds are large enough to handle without injuring the main bud or the stem.

Propagating.

You can save all the good strong cuttings of such varieties as F. Hill, E. Crocker, Wm. Scott, G. H. Crane, and perhaps a few other varieties, and put them in sand. They will make fine stock for blooming next summer if planted out of 3-inch pots in the spring and pinched several times during the winter. But keep only strong cuttings and throw out all those thin small ones from near the top of the stem.

If you have any plants left in the field which were too small to plant in

the benches they can be potted now into 4-inch and wintered in a cold-frame and planted out again in the spring when they will begin flowering earlier than cuttings which were struck during the winter. A. F. J. BAUR.

CHRYSANTHEMUMS.

Once more the season of the fall queen is well under way; and while the poet is sadly talking about "The melancholy days, the saddest of the year," and so on, the mum grower is making his pilgrimage of love to his brother growers, to see what is new and what the harvest will be.

The days are not "melancholy days" for him. He finds too much to interest him comparing the new varieties with the old and watching the fruition of his labors and hopes and fears of the past few months. The "melancholy days" come later when he makes elaborate preparations to beat everybody at his local show and the other fellows get in just a little ahead of him and scoop all the prizes.

How many men I wonder can view with equanimity their pets being ruthlessly turned down! Is it to be wondered at that the judges' decisions are questioned sometimes? I wonder sometimes they don't get mobbed. I never heard of a judge getting hung; but any hotel proprietor in the immediate vicini-

ity of the exhibition hall will testify to the fact that the rank and file often make frantic efforts to drown the judges' decision, if not the judge himself. And a florist never takes water—his life is too strenuous for that.

I should like to see a chrysanthemum exhibition in every town throughout this broad land. The mum is a cheap flower, it is the flower of the people; even the poorest can raise a few in their back yard, if they can raise nothing else.

The mum is a great educator. If you can get people interested in an easily grown flower it will not be long before they are wanting to grow other kinds and the possibilities of extending the florists' business in this direction are boundless.

Therefore I say let every town get up a flower show, no matter how small the town or the show. "Great oaks from little acorns grow." I know that the standard of quality of cut flowers has been raised immensely in my own town since the yearly exhibition has been held.

Competition is the life of trade. Competition also means effort and continued effort always means progress. The florist is almost the only tradesman that is content to hide his light under a bushel. In any other business the manufacturer is always trying to bring his wares before the public. He will spend enormous sums in advertising and rarely makes a mistake in so doing. Many a florist when he is asked to help out an exhibition will tell you that it wont pay him. Yet what better advertising could he get?

While it is a sorrowful fact that exhibitions rarely show a balance on the right side of the ledger it does not follow that conditions will be always thus.

The only trouble with us at the present time is that as Mr. Dooley remarks, "We ar-re a great people. We ar-re that. An' the best iv it is we know we ar-re."

When we are willing to take pattern from older countries in some things we may even yet see a crowded flower show. But it will never be until the common people become flower lovers and flower growers.

Flowers intended for exhibition should be very carefully packed if they have to travel any distance, as they bruise easily, particularly the whites. If the heads are protected with tissue paper to keep them from rubbing against one another and are then tied to slats nailed across inside the box they will travel a long distance without injury.

It is a poor policy to pack the flowers one row above another in a box without any means of keeping the top layers from bearing down on and crushing every semblance of shape out of the lower tier. A double layer is all that should ever be placed in a box unless the slat method is followed.

A point that should always be observed in shipping the flowers in a cut state is to see that they stand from twelve to twenty-four hours in water before being packed. They will then fill up the stems with water and will arrive at their destination in a perfectly fresh condition.

We shall endeavor to compare some of the new varieties with the old, as they have behaved with us this year, but we will leave it until the season is at its height. Some of them have done splendidly while others I am afraid will not live up to the promise of their youth.

BRIAN BOU.

MISCELLANEOUS SEASONABLE HINTS.



Hardy Plants.

From now till freezing up time is the best season for transplanting nearly all the best hardy perennials. I know of no important exception except the pyrethrum, which should have been propagated in May or June and planted out in September. Mr. Charlton, of Rochester, N. Y., and there are few better authorities than he on herbaceous plants, as well as being an all round gardener, remarks that the tenuifolia type of paeonias should always be transplanted in the fall.

Although most of our hardy perennials are very hardy a protection of some litter or leaves will well repay the labor. Remember that you do not divide or transplant every year and with some not oftener than in five or six years, therefore the soil cannot be dug too deeply or too well enriched. Most of us have more time for the next two or three weeks than we have in the spring, so make use of it now and although few act entirely up to the old axiom, it is still good advice to never put off till tomorrow what can be done today.

Wintering Bulbs and Tubers.

When you lift your dahlia roots cut off the tops seven or eight inches above the ground, shake the soil off the tubers and store in some cool dry place. Beneath a bench in a cool house will do, but put them on boards and avoid drip. On shelves in a root-house is the very best place but we don't all have root-houses.

Medialous corms keep very well in any shed where it is above freezing. I am sure I have seen gladiolus bulbs frozen in the ground and being undisturbed come round all right, but when out of the ground they want no frost.

We used to think it scarcely worth while to keep over the *Caladium esculentum* bulbs. They are certainly very cheap, but as we lose none now we think it worth while to dig them up, cut off the tops and lay them on boards beneath a rose or carnation bench. Treated in this way you will lose none.

Bananas are now largely grown for tropical beds. It is the Abyssinian species (*Musa ensete*) that is most suitable. You can not winter them in a growing state. They would take up more room than they are worth. They get covered with thrip and red spider unless constantly syringed, and even if you did produce fine leaves during winter they would be blown to pieces when first put out. Trim off the leaves and some of the roots and store away in some shed with their roots covered with soil and only enough moisture to keep them alive.

Araucarias.

You will be getting in some plants of *Araucaria excelsa* about now. They don't want a warm, moist house unless you want them to make a quick, soft growth, which is not at all desirable. After a week or two of careful treat-

ment, avoiding draughts and with an occasional syringing, they will do well in a light house, medium temperature and plenty of fresh air. They are most assuredly a good plant for the dwelling house with anything like decent care.

Boston Ferns.

If you planted out a lot of young Boston ferns in June to make plants for winter sales you should now get them established in pots. The best plants are grown entirely in pots but planting them out is a quick way to get a plant. Give them the fullest light after they are established in pots; they want no shade.

WILLIAM SCOTT.

CHRYSANTHEMUMS.

The white and yellow Fitzwygram, being one of the earliest varieties grown, we commenced cutting from the bench the 1st of October and they were all gone by the 15th. We then reserve our stock plants, both for making our own stock for another year and such as we would wish to sell, from the best and healthiest plants as well as those that produced the most perfect flowers. And in that way we think we keep our grade of flowers better than in keeping "any kind" of stock plants.

Lady Harriett and Primo have all been cut and sold by the 20th. Bergmann being planted on the bench come earlier, I think, than those in pots, grown in the same house, so that the Bergmann in the bench have been cut, while those in 6 and 7 inch pots, grown mostly to cut them on a plant, expecting to cut them, have not all matured yet. They will last a week or ten days. The Glory Pacific are in full sway, there being quantities of them at this season of the year and will be until the 1st or 15th of November; then there will be less.

Glory Pacific to be grown at its best, I think, needs a north and south house where it does not get the direct rays of the sun, and being grown cool, develops the flower much more perfect and a good clear pink in color. And they can be grown with three to four flowers to a plant as well as one to a plant; as the foliage is so heavy they require more space on the bench between the rows than the other early varieties. We are able to wholesale the best Pacifics at from \$1.50 to \$2.00 per dozen, while the smaller ones go at \$6, \$8 and \$10 per hundred.

Robinson will be ready to cut by the first of November, from present indications. We think this a good mid-season white. But they are only at their best and most profitable we think, by growing one to two flowers on a plant. In fact I prefer two, as with only one on a plant the neck grows too long and the plant too heavy, while with two to a plant the strength is divided between the two blooms so they are not so large nor the stems so long and they develop

sooner. They are developing fast and are about the size of a saucer.

Mrs. E. D. Smith has promise of being a fine deep, rich yellow. The foliage is everything that could be desired. A beautiful cut leaf, foliage well up to the flower, and stems from half to three-quarters of an inch thick, and from three to four feet long. They will be ready to cut in time for the flower shows, as the blossom is about six inches across now. M. S. Vesey.
Ft. Wayne, Ind.

PHILADELPHIA.

The Market.

The cut flower market is becoming active. October weddings have been numerous to the extent of making Bride roses almost scarce at times. The supply has slightly decreased, thanks to cooler weather, and most varieties of flowers show far less waste than a week ago. Shipping orders consume many of our choicest flowers; this city is fast becoming a great center of distribution for cut flowers, which are sent from the New England states to Florida and far west of the Ohio, in satisfactory condition.

Beauties, for which this city is famous, sell well at from 75c to \$3 a dozen, a few selected \$3.50 a dozen. Tea roses are moving better than at any time this fall; \$3 to \$5 a hundred is the price. Carnations are coming in more freely but there are not enough good ones in the market. White is especially scarce. The buyers complain that in many cases the stems are cut too short; \$1.50 to \$2 a hundred is the ruling figure for select stock. Violets are improving and sell well. S. S. Pennock sent some fine doubles to New Haven for the Yale Bi-centennial this week. They bring 50 to 75c a hundred, singles 15 to 25c a hundred. Valley, what about valley? Why, this city will soon become famous for its valley as it now is for its Beauties.

A. J. Pennock has fairly earned the title of the Valley King, he is sending his brother the finest sprays of this flower ever seen here; great long stems, bearing a profusion of large perfect flowers with deep green foliage, that has made at least one of the New York valley specialists marvel. The price for this special stock is \$5 a hundred as they run, with the selected held at \$6. Asparagus is moving well at 35 to 50 cents a bunch. Smyth ditto at 12 to 15 cents a bunch. Chrysanthemums are only selling fairly well; the price has fallen, \$1.50 will buy pretty nearly the best dozen offered.

Caspar and Geo. L. Pennock are sending in some Golden Gate to their brother that readily bring 8c. The roses are superb with thick stems and luxuriant foliage.

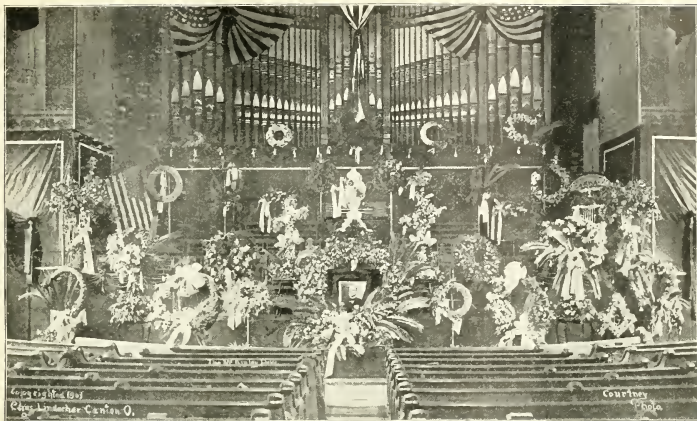
Cosmos is good and plentiful. Dahlias are becoming poor.

Notes.

Leo Niessen put a fine new wagon on the street last week. His name is in small letters on the side, the idea being that the retail florists prefer an inconspicuous looking vehicle in front of their stores; not one whose splendor might out rival their own.

Geo. M. Moss received his first shipment of valley this week.

Fred Ehret's wholesale commission



Flowers in the church at the President's funeral, arranged by Chas. Lindacher, Canton, O.

house makes a pleasing impression with its effects in green and white. Business is improving here.

Charles Mecky, 17th and Erie avenue, has turned nearly his entire place into chrysanthemums. A conservative guess would credit him with from 15,000 to 20,000 pots of this queen of autumn. The plants are in sixes and eights, limited to from half a dozen to a dozen flowers each. All are clean and vigorous. The varieties grown are White, Mme. Bergman, Ivory and L. Canning, a fine pot sort. Pink, Glory of the Pacific, Pink Ivory and Maud Dean, Yellow, a sort called Jones, Major Bonaffon and W. H. Lincoln. One bench is devoted to plants for cutting. Mrs. Henry Robinson (white) and Philadelphia (lemon yellow) are the varieties. No reds or fancy colors are grown.

A bench of Kaiserin planted out for stock are growing freely. Stevia serrata, azaleas, and poinsettias are being brought forward for Christmas. The place is well worth a visit. The flowers are of excellent quality and are expected to be as good or better throughout the season.

E. R. Robins, for over fifteen years in charge of the landscape gardener's office at Horticultural Hall in Fairmount Park, is dead. A worthy man who will be missed.

John and W. H. Westcott have two houses of rubbers that have proved excellent stock.

Edwin Lonsdale has shipped many of his best crotons to New York.

Wm. J. Baker has been receiving some fine Glory of the Pacific.

Charles E. Mechan is confined to his home by illness.

Though informed of the fact at the time the announcement of the golden wedding of Mr. and Mrs. Joseph Kift on Oct. 7 was inadvertently omitted from this column.

The hustler's arms are sore from something else beside heavy boxes.

PHIL.

BUFFALO.

Flowers and Glass.

I don't know that there have been many social events calling for a lavish display of flowers, but flowers for sadder occasions have been in great demand. Some real good roses are now to be had, Bridesmaids and Brides and Beauty being 90 per cent of all sold. I don't remember that American Beauty was ever in better demand. Golden Gate we hear little talked about. I think if our customers saw more of it there would be a great demand. From the quantity grown in the east, particularly round Philadelphia, Baltimore and Washington, there must be a good demand somewhere.

We have had rather an extra fine lot of cattleya blooms and they have not gone to waste, yet outside of good design work there is not yet a demand for them and 99 out of every 100 flower buyers see more beauty in a rose. There has never in previous years been such fine carnations at this season. How strange it would be not to have Lawson, Crocker, Prosperity and Morning Glory just now. I mention these varieties because whatever their merits later they are now giving us grand flowers and Mrs. Lawson is the king, queen and czar of them all.

Chrysanthemums are selling almost as fast as they are fit to cut, and at quite as good prices as last year. Speaking about prices should we not get at least 25 per cent more for all our flowers and plants than we did two years ago? Labor has been high; hard coal with us is \$5.50 per ton and hard coke \$4.50. And how about glass? Ordinary double thick such as greenhouse men use is \$6.00 per box for 16x24. It is almost impossible for anyone but a capitalist to build just now and demand for greenhouse products will soon overreach the supply. I would like to see the glass trust put it up to \$17.50

a box and that might convert one or two of our hard shell protectionists that trust made articles that can and are sold in foreign markets at much less than in our domestic markets, need little protection. Then there is the man who says: "Keep up the price of glass and that will stop building and we will get better prices." That's too barbarous a proposition to need comment. Glass can be made and sold at \$3.00 per box with a good profit for all and the other \$3.00 is robbery which breeds honest indignation and worse.

I received from the Pittsburg and Allegheny Gardeners' and Florists' Club a copy of the resolution they were so kind as to pass on my efforts in the horticultural department of the Pan-American. As it was an entire surprise to me it was all the more appreciated. I have thanked them most sincerely. Such words and actions as theirs will always make me look back at my work here with the greatest pleasure and I hope, pardonable pride, and any worry or friction (and there was only a little) is already forgotten, and I am happy and grateful to the florists of the country one and all.

Pan-American.

Hard frosts have at last taken the color from our grounds, and cannas, geraniums, salvias and other gay flowers are now but a memory. Yet we are not looking shabby. The gladiolus, tritoma, anemone, phlox and a few other perennials are still holding up against the coming winter and these beautiful autumn days, the pleasantest of all the year, is yet a good time to visit the dying exposition. I am thankful to you and the other floricultural papers for publishing in full the premium list of the chrysanthemum show, which opens next Monday, the 28th.

Mr. Burt, of Taunton, Mass., has made another grand display of cactus and show dahlias. This is the fourth trip Mr. Burt has made with his wonderful

flowers and we sincerely hope it has paid him to do so. Mr. W. P. Peacock, of Atco, N. J., also sent another fine lot, embracing all classes. The Henry A. Dreer firm has kept their booth very gay for weeks past with a fine collection of hardy perennials, and the display of James' Vicks' Sons has been very attractive the entire summer with wares of their specialties, gladiolus, asters, dahlias, lilies and many herbaceous plants.

The display of fruit has been for some weeks past not only great in quantity but marvelous in quality. Apples from Wisconsin and Michigan are wonderful to look at. Nova Scotia is showing a splendid lot of apples and it carries us back to schoolboy days to see Ribston Pippin and Blenheim orange again. Of all the wonderful fruit for size and color the state of Washington takes the bun. But there are other states making magnificent displays. Nebraska, under the care of that most estimable man, J. H. Haddonson, has been a thing of beauty for months. New York state has tons of native grapes. A very attractive exhibit is a fine lot of exotic grapes grown by D. M. Dunning, of Auburn, N. Y., and most attractively arranged by Julius Heinrich, the representative of Peter Henderson & Co. Mr. Heinrich has a genius for this sort of thing and seems in his glory when getting up something original.

Some people who have been working for the exposition for the past two years will let out a sigh of relief when the last canna root is shipped to its owner. Yet it is sad to think that in two weeks this beautiful spot will be pandemonium let loose. W. S.

CHICAGO.

The Market.

The recent warm sunny days and cool nights have resulted in very considerably increasing the supply of roses and the quality has improved, too. All other stock is being received in large quantities, the only item that is not in sufficient supply to more than meet all demands being white carnations, and there is no important scarcity in these.

In roses excellent stock can now be had for \$4 and only a very few extra select bring as high as \$5. Ordinaries go at \$2 to \$3 and job lots of poor grades are cleaned up at about the buyers' own figures. Shipping trade holds up very well but local demand is decidedly light for the season.

On carnations \$1.50 is practically the top price now, only a very few specials reaching as high as \$2 and the great mass of poor stock being jobbed off at very low figures. Chrysanthemums of the best grades are moving very well but small stock and poorly colored Pacifics do not sell. Some very extra Robinsons have brought as high as \$4 a dozen but they were phenomenally good. Really good mums can be had at \$2 to \$2.50, with first class ones at \$3, and many are sold at \$1 to \$1.50.

There is an abundance of good stock of all kinds in the market now and buyers should be in luck.

Club Meeting.

At the meeting of the Florists' Club last Friday evening the annual election of officers resulted as follows: E. F.

Winterson, president; John Reardon, vice president; Geo. W. Wienhoeber, recording secretary; C. J. Reardon, financial secretary; Edgar Sanders, treasurer. Trustees: Geo. Woodward, Jos. Reeve, G. L. Grant, F. F. Bentley, W. N. Campbell. Treasurer Sanders' annual report showed a balance of \$182.78 on hand.

The sum of \$50 was appropriated for a special premium at the coming exhibition. Reporting regarding the exhibition Mr. Kudd said the arrangements for tickets for club members were more satisfactory than last year. The president was appointed a committee of one on transportation for the year. The new officers were constituted a committee to arrange for the annual banquet to be held flower show week. Arthur O'Brien and C. J. Reardon were elected to membership.

Mr. Sanders said he had left his sporting paper at home but endeavored to give the substance of it. He urged the necessity of members getting their wives and sweethearts interested in the entertainment features and suggested a ball as a start in this direction.

Mr. John Thorpe was present and told of the preparations for the big exhibition in Kansas City. Among other big premiums he mentioned one of \$500 for the best seedling chrysanthemum. The cordial good wishes of the club were extended by vote. Messrs. Risch, Campbell and Hauswirth were appointed a special finance committee to audit the treasurer's report. W. L. Rock, Kansas City, was present as a visitor.

After the meeting the entire assemblage adjourned to a neighboring restaurant on the invitation of President-elect Winterson and things happened for an hour or so. A feature of this session were the songs by Charley Balluff assisted by the chorus.

The next meeting will be held Friday evening, Nov. 1.

The Annual Exhibition.

Arrangements are practically completed for the annual exhibition of the Horticultural Society, to be held at the Auditorium, Nov. 5 to 9. The revised premium list is about complete and copies may be had by addressing Edwin A. Kanst, assistant secretary, 5700 Cottage Grove avenue.

Among the new features this year will be an additional competition in table decorations, the prizes for which will be contributed by the lady judges, with Mrs. J. J. Glessner as chairman. Their idea is to encourage florists to produce and customers to buy inexpensive decorations and to place especial importance upon skill and taste in arrangement. These prizes are as follows:

On Wednesday—For table decorations in flowers that the exhibitor would furnish to any customer for a price not exceeding \$12. 1st prize, \$20; 2d prize, \$10; 3d prize, \$5.

On Thursday—For table decorations under same conditions, the price not to exceed \$10. 1st prize, \$20; 2d prize, \$10; 3d prize, \$5.

On Friday—For table decorations under same conditions, the price not to exceed \$8. 1st prize, \$25; 2d prize, \$10; 3d prize, \$5.

On Saturday—For table decorations under same conditions, the price not to exceed \$5. 1st prize, \$25; 2d prize, \$10; 3d prize, \$5.

Various Items.

Peter Reinberg has been cutting an exceptionally large lot of fine Beauties this season and is now showing some Liberties that are strictly first class.

Recent visitors: J. Austin Shaw, New York; Henry Smith, Eli Cross, Chas. Chadwick and Mr. Hannah and daughter, Grand Rapids, Mich.; H. Hills, Elkhart, Ind.; Mrs. Shepard, Rochester, Ind.; Clark M. Weaver, Pawpaw, Ill.; Mrs. Vanderlip, Elkhart, Ind.; W. L. Rock, Kansas City; J. A. Peterson, Cincinnati.

The injury to Robt. Northam's eye happily proved less serious than was feared and he is again attending to business.

John Muno has returned from St. Paul and reports a good time.

Frank Howard, formerly of the Washington Park greenhouses, is now gardener for Mrs. Geo. M. Pullman. Mr. John Algots, who was gardener there many years, has engaged in other business.

Edwin Cone's sons are erecting a house 14x50 at Walden station on the Rock Island and will engage in forcing lily of the valley and growing of mushrooms. They will also engage in market gardening.

Bowling.

In the fourth series of tournament games, rolled last Tuesday evening, there was a shortage in players and some 4-men teams were permitted. The Wholesalers took three games from the Miscellaneous and the Retailers two from the Growers. Following are the scores:

RETAILERS.

F. J. Hauswirth	168	144	154
J. Hueber	104	71	147
E. Hauswirth	123	138	133
Geo. Asmus	210	189	157
	695	642	591

GROWERS.

G. Stollery	167	135	160
F. Matti	160	150	161
J. Skinner	138	142	133
F. Stollery	153	163	158
	587	590	667

WHOLESALEERS.

Jos. Foerster	155	172	130
W. S. Hedron	136	120	140
Jno. Sterrett	136	126	167
E. Winterson	131	128	171
C. Hughes	153	125	132
	608	714	743

MISCELLANEOUS.

C. Balluff	113	142	168
C. Frauer	129	144	121
C. Burges	67	75	75
J. A. Shaw	116	151	169
G. L. Grant	172	185	185
	529	676	608

Results to date—	Won.	Lost.
Growers	5	5
Retailers	6	6
Wholesalers	6	6
Miscellaneous	5	7

After the games the annual meeting was held. Officers for the new year were elected as follows: F. J. Hauswirth, Pres.; Chas. Balluff, Vice-Pres.; Jos. Foerster, Sec. and Treas.; Geo. Asmus, Capt. The prize of a sewing machine offered by Henry McCall, city manager of the Milwaukeeans for a match to be played during flower show week, three games by 6-men teams.

EDGAR F. WINTERSON.

We present in this issue an excellent portrait of Mr. Edgar F. Winterson, President-elect of the Chicago Florists' Club. "Ed" Winterson has a host of friends in the trade and all will be pleased to know that he has been honored by the Chicago florists with the chief office in the local club.

Mr. Winterson was born in Bristol, England, June 21, 1869, but his parents came to America when he was only a year old, and his recollections of his



E. F. Winterson, President-elect Chicago Florists' Club.

English birthplace are somewhat obscure. His parents settled in Chicago and the subject of this sketch attended the public schools until he was 11 years of age when he had his first experience in floriculture at the private place of Dr. W. Clarke, on the west side. At the age of 13 years he entered the employ of T. J. Corbrey, then in the retail business, and when the latter started in the wholesale line at the old Cut Flower Exchange Mr. Winterson was transferred to the wholesale trade, and in it seems to have found his best hold. After leaving Mr. Corbrey he was with E. H. Hunt for a year and then in 1895 he and Charles McKellar started the business now carried on by the firm of McKellar & Winterson. He is married and has two children.

Mr. Winterson is always enthusiastic in any movement looking to the advancement of the general good and is a worker, and his administration as president of the Florists' Club will undoubtedly be a live and progressive one.

ST. LOUIS.

The Market.

Trade continues fair with white flowers of all kinds in good demand. Chrysanthemums are beginning to come in freely but are mostly Glory of Pacific and Bergmann; fancy varieties are as

yet scarce but will soon be as plentiful as the common sorts. The retailers are all carrying a good stock of these flowers but the demand is slow.

In roses the demand for Beauties is steadily increasing. First grades have advanced to \$2.50 and \$3, and from that down to \$6 per 100 for shorts. The smaller varieties are beginning to feel the increasing supply of chrysanthemums, still prices are about the same as last week's quotations. There are plenty of Maids, Brides, Meteors, Gates and Perles coming in and they are selling at about \$10 per 1,000 for fair stock; good firsts bring from \$3 to \$5 per 100. A few Greeks from Chicago are in town and are buying up all the surplus stock in 1,000 lots.

Carnations are in good steady demand (none to be bought up by Greeks in 1,000 lots) and anything good brings \$2, but the bulk of the stock is sold at \$1 per 100. Violets are coming better each day and with good color but rather short stems; 20 and 25 cents per 100 is the price. Cosmos is now very fine with good long stems at 50 cents per 100. Some very fine valley brought \$3 and \$4 the past week; demand fair. Outdoor stuff is now over, several frosts having killed everything.

The wholesalers say that the shipping trade has started off satisfactorily and quite a large number of shipments have been made the past week.

Chrysanthemum Show.

The chrysanthemum show next month promises to be a good one. Quite a number of special prizes came in this week from society people. The programme is now in the hands of the printer and the committee expects by the end of the week to send them out among the growers. Chairman Meinhardt and the rest of the committee expect to make some money this year as the show will be larger than last year and the location better. Prof. Rantenberg's band has been engaged to furnish music for the occasion.

Notes.

Mrs. Sarah Young, mother of John, James, Harry, William and Charles Young, Mrs. Wm. Ellison and Mrs. Henry J. Helwig, died last Saturday at 7 a. m. The funeral took place Monday at 2 p. m. at the residence of her daughter, Mrs. Wm. Ellison, 5423 Vernon avenue. Many floral designs were sent by friends in the trade and nearly all the florists went to the house to pay their last respects, and to extend their sympathy.

John M. Hudson, once prominent in florist circles in St. Louis and Philadelphia, is now proprietor of the Livertome Water Co., 18th and Olive streets.

Mr. J. E. Windt, the Bayard avenue florist, will this year have some extra fine chrysanthemum plants. The cut flower business is also on the increase and he expects to have a prosperous season.

Oscar Heile, South Broadway, reports that the cut flower business is very good with him, especially in funeral work. Oscar and his famous dog "Lump" can be seen at the wholesale houses every morning.

Charlie Juengel, South 14th street, has just finished building a fine residence on his place. From the looks of things about the place, Charlie will do a good business this season.

Bowling.

The florists bowled three games Monday night with the great World's Fair team, which is captained by the world-famed Martin Kern, and won all three. This gives the boys 11 games won and only one lost, which gives them a strong hold for first place. Quite a number of florists were on hand to see us bowl. Beneke was high man with an average of 193 2-3, Ellis coming in second. The scores were:

Florists—	B. E.	1	2	3	Total.	Ave.
J. J. Beneke	...	4	153	221	177	581 193 2-3
C. A. Kuehn	...	2	13	191	196	412 147 2-3
Wm. Adels	...	5	5	161	150	164 475 158 1-3
John Sturtz	...	5	7	158	160	127 445 148 1-3
P. M. Ellis	...	2	167	168	218	443 148
		15	31	815	891	787 2498 166 3-15
		B.	E.	1	2	3 Total. Ave.
World's Fair	...	16	34	814	882	709 2406 167 6-15

BOSTON.

Trade Conditions.

We are in statu quo—wherever that may be! Roses, pinks, violets, in fact everything but chrysanthemums and candytuft have been trying to shorten up a bit, but the two exceptions more than overcame the threatened dearth of flowers so that prices are lower upon everything now than ever before at a corresponding date. Early varieties of the "Queen of Autumn" are excellent in quality but \$1 per dozen is the limit upon them and \$2 per 100 is sometimes

accepted upon small sizes. Pinks rarely get above the two-cent notch and ordinary roses more rarely reach ten cents. A few choice three-foot Beauties are bringing \$3.50 per dozen, and smaller sizes of all kinds of red roses are very plentiful.

Well, what is the news, anyway?
J. S. MANIER.

NEW YORK.

The Exhibition.

The great Madison Square Garden flower show held under the auspices of the New York Florists' Club, was opened to the public at 2 o'clock Monday afternoon. There was some misunderstanding between exhibitors and the management as to the time of opening the exhibition. The schedule called for all to be finished by 6 p. m., consequently there was some confusion when the doors were opened. However the boys soon got their material in shape and from one or two points it is the best show we have had here in years. There are more orchids on exhibition than have ever been seen before at an American show; the variety is somewhat limited, but the quality of bloom is great, and they are well arranged. Then again this show excels all others in the size and quality of palms. There is a scarcity of flowering plants and cut flowers such as chrysanthemums, roses, etc., but no doubt there will be a fine showing of these by the end of the week. The competition is not very keen, and many of the classes have not been entered for, but nevertheless there is sufficient to make it interesting.

The hall is decorated with flags and bunting and a little roping. A military band dispenses music and 50 cents admission is charged. An old time newspaper man, Mr. Charles Chamberlain, is in charge of the press room, and he is ably assisted by Harry Bunyard, who has done great service in supplying the papers with information and illustrations. One new feature, and one worthy of highest praise, is that the club has engaged a photographer to take views of all the exhibits, copies of which are supplied to the press gratis, and there is a regularly equipped reception and writing room where newspaper men can partake of the club's hospitality. The result of all is that nearly all the daily and Sunday papers have given much space to this show. As we are writing this on Tuesday morning we cannot even venture a prediction as to the financial success, but are sure it will be a success from a plantsman's point of view.

As to the individual exhibits William Duckham, gardener to D. Willis James, Madison, N. J., has a magnificent lot of plants in the several classes. In class 185, group of foliage plants covering 150 square feet, he has staged many beautiful palms and some highly colored foliage plants. The gem of this group is a nice piece of Phoenix Roeblinii in class 25, table of decorative foliage plants to occupy 15x3½ feet, he put up a finely grown lot of plants among which were several new dracaenas and new crotons, the prettiest of which was a narrow leaved variety called "Her Majesty." This lot was edged off with Adiantum rhodophyllum and Selaginella Martensii, making a pretty finish. For 12 stove and greenhouse plants Mr. Duckham exhibited grand specimens of *Dracaena Godseffiana*, *Ludovia erenifolia*, *Maranta San-*

deriana, *Curmeria Leopoldii*, *Calamus Jamesi*, *Maranta virginialis major*, *Dracaena Sanderiana*, *Cyanophyllum magnificum*, *Carludovicia atrovirens*, *Rhopaloblasta* species, a great beauty and destined to be popular; *Kentia Sanderiana*, and *Araea Alivica*. Some of these are new and the only ones of their kind in the country. For specimen *Dracaena* he put up the finest piece of *D. Sanderiana* ever seen here.

Arthur Herrington, gardener to H. McK. Twombly, Madison, N. J., exhibited the largest palm that was ever put up at a show in New York. It is a superb specimen, *Latania borbonica*, over 30 years old, about 20 feet in height and covers about 350 square feet. It required twelve men with blocks and tackle to put it in position, and we regret to say that the veteran James Dean came very near being seriously hurt in helping with this plant. His little finger was nearly cut off and his left side is injured, only slightly we hope.

Mr. Herrington is the only exhibitor of chrysanthemum plants. They are all in 6-inch pots, single stems and in boxes. In class 51 for 25 one variety he put *soliel d'Octobre*; in class 52, 12 whites, Mrs. H. Robinson; six plants, one variety, Col. Appleton; 12 plants, one variety, Mrs. H. Robinson; six plants, distinct varieties, with Robinson, Mutual Friend, Iora, Henry Hurrell, Harry Sun-derbruck and V.-Morel; in the several classes calling for six and twelve plants in a box Mr. Herrington entered with Mrs. Robinson and Henry Hurrell. They were all fine blooms considering the season. The same exhibitor staged six elegant pieces of *Cattleya labiata* in class 33, and five bunches of *Gros Colmar* and *Black Alicante* in class 151, greenhouse grapes.

Geo. Hale, gardener to E. D. Adams, Scabright, N. J., exhibited in several classes. For six ferns he had very fine specimens of *Weymogrannum chrysophyllum*, *Davallia Fijiensis*, *Polypodium aureum*, *Nephrolepis exaltata Bostoniensis*, *Blechnum brasiliense*, *Nephrolepis rufescens tripinnatifida*, the latter the best plant in this section. For 12 stove and greenhouse plants he arranged *Maranta regalis*, *Cycaus revoluta*, *Asplenium nidus*, *Maranta nitens*, *Dion edule* in flower, *Maranta zebra*, *Pandanus Veitchii*, *Alocasia violacea*, *Maranta princeps*, *Anthurium crystallinum*, *Dracaena Massangeana*, *Schismatoglottis crispa* and *Heliconia aurea striata*. In the class for specimen cycaus he had an exceptionally fine *C. revoluta*.

William Anderson, gardener to F. A. Constable, Mamaroneck, N. Y., exhibited the largest Boston fern ever seen here. It had an extended spread of 12 feet, a gigantic specimen, entered for the specimen fern, and he also showed grand specimens of *Davallia Mooreana*, *Davallia Fijiensis* and *Nephrolepis exaltata Bostoniensis*.

In the class for three ferns Lehnig & Winnefeld of Haackensack, N. J., were the sole competitors. In the classes for cyclamen, the plants shown were very good for the time of the year; those entered for the 12 plants were well in bloom, and those for the 6 plants were the new fancy leaved sort originated by this firm.

W. Brennecke, Hempstead, L. I., was alone in the classes for geranium plants. He showed nice plants of the varieties John Doyle, Caesar, Beaute Poitevine, Mme. Landry, C. Morel, J. B. Varonne and Jean Vivaud.

A. L. Miller, of East New York, made an extra fine display of his beautiful white *dahlia Camelliflora*; his table was a mass of white flowers and showed that Mr. Miller knows how to grow dahlias.

H. Beauieu of Woodhaven, displayed his seedling and fancy dahlias, many showing considerable merit, and J. L. Childs made a great showing of *Tritoma Pfitzeri*. G. H. Fleming and L. A. Martin also showed several vases of dahlias.

Lager & Hurrell, the orchid specialists of Summit, N. J., exhibited a magnificent table of orchids. The center was a branched tree about 12 feet in height, covered with great sprays of growing *Oncidium varicosum*. The table beneath was a mass of elegant *Cattleya labiata*, C. Gigas, C. Bowringiana, many of this firm's new hybrid *cattleyas*, and some very fine *cypridifloras*, *Vanda caerulea*, in fact specimens of all the orchids at present in flower. It was a splendid exhibit and attracted great attention.

W. A. Manda, South Orange, N. J., put up a very choice lot of orchids, among which was a specimen of *Cattleya St. Ledgeriana*, said to be the first blooms of that variety seen hereabouts.

Siebrecht & Son, of New Rochelle, came out heavy in several large classes. Their table of orchids was very grand and was beautifully arranged in natural rock work; it was a mass of floral gems comprising *Odontoglossum crispum*, the only piece at the show, O. grande, *Oncidium varicosum*, a superb *Oncidium crispum* and a great showing of *Cattleya labiata*; they had 47 varieties of orchids in this collection.

There were several new plants of American origin entered for the medals offered by the Society of American Florists and Ornamental Horticulturists (wish that name was shorter for the sake of the time it takes to write it). Arthur Herrington entered three plants of a new *Adiantum* after the form of A. Williamsii. E. Dressel offered three new dracaenas of the *amabilis* and *terminalis* types. W. A. Manda put up a new hybrid begonia, a cross between the Rex and flowering kinds, with very pretty foliage, and a new broad leaved pandanus of very striking form. William Duckham staged a new dracaena named D. Curtisii, with fine broad and highly colored foliage.

Mr. Duckham entered for 6 specimen dracaenas with D. Youngii, D. Lenting-iosa, D. Charles Dissel and some fine seedlings.

Siebrecht & Son showed a grand specimen of *Cycaus circinnalis*, and in class 20, six palms, entered with *Caryota urens*, *Latania ruhra*, *Latania aurea*, *Chamaerops staurocantha*, *Thrinax radiata* and *Crocyloxon niveum*. For specimen palm they staged *Thrinax argentea* and *Phoenix Roeblinii*, the latter the largest specimen of this grand palm at present in the United States. For three ferns they offered *Davallia Fijiensis*, *Nephrolepis cordata compacta* and *N. Washingtoniensis*.

There was a splendid exhibit of evergreens. W. A. Manda staged 130 varieties; Siebrecht & Sons, 90; W. H. Moon Co., 60; Samuel Parson & Sons and Bobbinck & Atkins immense groups. This was the finest show of evergreens ever put up at a show in the United States, and the nurserymen mentioned deserve great credit for their spirit of enterprise.

W. H. Waite, gardener to Samuel Un-

termeyer, Yonkers, N. Y., did himself proud with the many fine exhibits he arranged, and Julius Roehrs staged some of the finest palms and foliage plants to be seen anywhere; his orchids were very fine and artistically arranged.

W. A. Manda filled an immense space. We were informed he sold his specimen *Kentia Forsteriana* for \$300; it had 22 leaves and was 16 feet high. Among his stove and greenhouse plants was a gigantic *Encoplyrtus* - pungens glauca, a cover 100 years old, and a *Dion edule* the oldest in the country. He showed a fine *Kentia Belmoreana* 12 feet high, with 25 leaves.

J. H. Troy, New Rochelle, had the prettiest arranged group in the show. It was of bamboos and he deservedly got first for it. He also showed a group of dwarf Japanese plants.

There was the keenest competition of all in the vegetable classes. Messrs. Duckham, Taaffe, Scott and Counce deserve special praise for these exhibits.

R. & J. Leach, Jersey City, made an exhibit of chrysanthemums in pots to cover 100 square feet.

Superb specimen bay trees were shown by Julius Roehrs and Bobbink & Atkins. Prospect Park, Brooklyn, N. Y., and W. A. Manda made very creditable exhibits of cacti, among which were many rare varieties. L. Schmutz, Flatbush, N. Y., and Fred Dressel showed groups of branched rubbers.

W. W. Edgar, Waverly, Mass., sent a fine specimen adiantum and a nephrolepis of splendid growth.

C. W. Ward exhibited a very dainty group of *Begonia Gloire de Lorraine* and a group of *Canna Black Beauty*, which showed up finely. He also exhibited vases of his new carnations. Gov. Roosevelt and Viola Allen, the latter a gem in pink and white. We must leave a fuller description till next week.

Partial List of Awards.

For best group of ornamental foliage plants, covering a space of 250 square feet, 1st, \$100, was won by Julius Roehrs; 2nd, \$50, by Siebrecht & Son; 3rd, \$25, by W. A. Manda.

Group of foliage and flowering plants, covering 100 square feet, 1st, \$50, Julius Roehrs; 2nd, \$25, Siebrecht & Son.

Twelve stove and greenhouse plants, 1st, \$25, Wm. Duckham; 2d, \$15, Geo. Hale. Six ditto, 1st, \$15, W. A. Manda.

Six ferns, 1st, Geo. Hale. Three ferns, 1st, Wm. Anderson; 2nd, W. A. Manda. Specimen fern, 1st, Wm. Anderson; 2nd, Siebrecht & Son. Three selaginellas, 1st, Wm. Anderson. Six specimen dracaenas, 1st, Wm. Duckham; 2nd, W. H. Waite. Three ditto, 1st, W. H. Waite; 2nd, W. A. Manda. Single dracaena, 1st, Wm. Duckham; 2nd, W. H. Waite. Specimen pandanus, 1st, W. H. Waite, with *Pandanus Baptistii*.

Julius Roehrs was first for three araucarias and C. W. Ward on collection of begonias.

Six table plants in 6-in. pots, 1st, Wm. Anderson; 2nd, W. A. Manda. Single specimen palm, 1st, W. A. Manda; 2nd, Siebrecht & Son. Specimen cypas, 1st, Howard Nicol; 2nd, Geo. Hale. Two adiantums, 1st, H. Nicol.

Table of decorative foliage plants, 15x31 feet, 1st, Wm. Duckham; 2nd, H. Nicol. Group of bamboos, 1st, J. H. Troy. Group of evergreens, 1st, Parsons & Sons; 2nd, Siebrecht & Son.

Wm. Brennecke was first in both classes for geraniums.

In the chrysanthemum plant classes Arthur Herrington took first for 6 plants, 25 plants, 12 plants, 6 single stem plants and 12 plants white. Leach Bros. were first on group to occupy 100 feet. A. Herrington took four firsts on chrysanthemum plants in boxes.

For best and largest collection of foreign grapes Mrs. Hoyt was first. Two bunches of black grapes, 1st, A. Herrington; 2nd, Wm. Scott. Collection of peaches, 1st, W. H. Waite.

Display of 6 standard and 6 pyramid bay trees, 1st, Julius Roehrs; 2nd, Bobbink & Atkins. Group of foliage plants covering 150 feet, 1st, Wm. Duckham; 2nd, Nicholas. Best exhibit of cacti, 1st, Prospect Park; 2nd, W. A. Manda.

Bowling Match.

Monday night was a gala night on the New York alleys. The match between the New York and Philadelphia teams was rolled off and the New Yorks won the first two games. The return match will take place on the Philadelphia alleys on the evening of November 12, which is the opening night of the Philadelphia show. The highest total in the six games is to decide the winner and the Philadelphians vow to get even on their own alleys. Sorry we haven't time now to describe this affair properly. Following are the scores:

NEW YORK.		
T. J. Lang.....	295	377 194
A. S. Burns.....	173	167 321
F. Traudly.....	138	126 174
P. O'Mara.....	181	164 143
F. Lentz.....	152	164 149
J. Theilmann.....	125	146 167
	984	954 857
PHILADELPHIA.		
G. Moss.....	145	155 169
H. Starkey.....	154	179 153
W. Gibson.....	136	154 174
W. C. Watson.....	117	120 123
R. Kift.....	156	156 160
J. Habermann.....	129	119 128
	837	847 927

BALTIMORE.

Various Items.

We have had another week of ideal autumn, the atmosphere like crystal and the sky bluer than Naples. In some localities frosts have destroyed tender vegetation, but in the hills and in the city the heds and foliage plants are untouched. Those florists who retail their stuff gain by the delay which affords them ample supplies of outdoor flowers, but such as buy are anxious for a cessation of those materials. Trade to this date (Oct. 21) keeps fairly up to the average season. The supply and quality of roses improve; carnations continue short of the demand, dahlias are about done. Fine mums so far are not abundant—inferior stock is more plentiful. Weddings are numerous.

The Florists' Exchange, which is the clearing house here for growers and buyers of cut flowers, and which has steadily increased its business, has long found its present quarters on Park avenue inadequate to its operations, and the management has at last found a new location. This is a store of such size on N. Eutaw near Franklin street, as to afford ample accommodation for the trade and much greater convenience and comfort to the patrons of the house, and its employees as well.

Messrs. C. E. Smith & Co. (Mrs. Eicher, manager) had an opening a few days ago of their large new store on

Liberty street near Fayette; the display of plants and cut flowers being very effective. These premises give the largest area of space on one floor of any florist here, and the firm does a large and ever increasing business.

In these notes of last week the printer's types, or a bad pen, transformed the Sunrise rose into Sunshine—a slip readily perceivable. Sunrise, a sport from Perle, shows so distinctive a character that in the bud it cannot fail to be popular, though of course its scarlet and copper color will not admit of its use for funeral work, which in this section is now mainly the employment found for the Perle.

Progress is being made with the investigation by committee of the city council of the Park Commission's books and accounts, and when that is completed other branches of the inquiry will proceed. The employment of counsel for the board was not allowed by the committee.

CLEVELAND VISITS DETROIT.

On a recent Saturday evening a bevy of Cleveland florists took the boat for Detroit with a view to a peaceful invasion of Michigan. There were Adam Graham, J. M. Gasser, Herman Hart and Benny, that mountain of good nature, Bro. Kennedy, of the Gasser Co., Mr. Gibson, of the Lake Shore R. R., and by a special providence the "wandering minstrel," whose mission it is to record the event.

At precisely 11:59 Saturday evening the festivities on the boat ceased and the travelers "turned in" (but what they had already turned in before that hour it is unnecessary to mention). The promised storm did not materialize, the "sleep of the just" was not disturbed and at 8 a. m. the weary mariners came to anchor at Phil. Breitmeyer's city haven.

A little bird had carried the news of our coming and "Phil" was up bright and early with his usual hearty welcome. Mr. Dilger, of the new "Cut Flower Exchange," was also awake and the day's "services" at once began. Under the master guidance of Mr. Breitmeyer the procession started and when it ceased to "proceed" the foot of the boat summoned the Clevelanders to return, long after 10 o'clock p. m.

The first visitation was at Bro. Rackham's, where the carnation king had everything in apple-pie order. Adding his presence to the regiment the Mount Clemens special car was "held up" and the 20-mile journey to the city of sulphur began. The balance of the forenoon was devoted to the great Breitmeyer plant, one of the largest in the country, and a most thorough investigation of every part of it was enjoyed, the genial Fred leading the way. Of especial interest were the three immense new Beauty houses, the stock in which was simply perfect. Such color and stems and profusion of bloom can be found nowhere else in Michigan, and Mr. Gasser thought they "couldn't grow such Beauties anywhere else on the continent."

Fred's supply of "home-made wine" never gives out—though Fred gave out a good deal of both colors while "the bunch" were visiting Grandma Breitmeyer, whose good health and cheery welcome never seem to decrease. "Justice" is a weak word to express what was "done" to the elaborate Sunday

dinner, which Mrs. Fred Breitmeyer gracefully presided over. An early and somewhat "cramped" breakfast on the boat left lots of room for appreciation of the chickens and "tue like mother used to make" and the cheers and tiger given in honor of the fair hostess were loud and hearty. A graceful speech by the genial Scotch orator of the party and an eloquent reply by Phil closed the happiest hour of the day.

The "violet king" was next visited and his fine new houses are indication enough of "prosperity." Klegg's violets are known all over the west. Already he is cutting an average of 5,000 daily and the anticipated yield for the season he safely places at a million. At every place the crowd grew—and the "visited" joined the original, until after an afternoon call on John Carey and Jas. Taylor, the necessity for a special car developed and the return to Detroit was made. The Carey and Taylor "plants" were found to be up-to-date, including Mrs. Carey and the children. Sullivan's home and greenhouses, looking "spick and span," were passed on the way, but he was invisible.

After a call at Breitmeyer's city greenhouses it was intended to visit Gus Taepke and Bro. Schroeter, but the shades of evening were falling and another visit will have to be made to do the boys justice.

In fact the Clevelanders were so well treated they actually hinted at their willingness to make the voyage every other Sunday if they could get Detroiters to reciprocate.

At a "summer resort" the closing ceremonies began at 6 o'clock and another elaborate banquet consoling the inner man. Over the coffee and cigars occurred another "violet of reason" interspersed with Adam's Bible stories. This was followed by an hour at the delightful home of Mr. Phil. Breitmeyer, where his charming wife did the fare-well honors so generously that a hustle was necessary to catch the boat for home.

AUSTIN.

MORRIS CO. GARDENERS' AND FLORISTS' SOCIETY.

Messrs. Moore, Hentz & Nash, wholesale commission florists of New York, being of the opinion that the actual growers of any flowers that take a prize should be recognized and rewarded in some way as well as the owner and exhibitor, have offered four handsome medals for that purpose to be competed for at the sixth annual flower show of the Morris County Gardeners' and Florists' Society, November 5 next. They elect that the prizes shall be awarded as additional prizes as follows: One to go with the first prize for eighteen American Beauties; one with first prize for twelve Brides; one with first prize for twelve Bridesmaids; to be grown on commercial establishments only; and the fourth to go with the first prize for best exhibit of chrysanthemums, open to both private and commercial growers. In the event of anyone being both grower and exhibitor taking the first prize he shall also be entitled to the medal offered in that class.

Messrs. Moore, Hentz & Nash hope by these means to create a spirit of competition among the actual growers of flowers that may lead to good results in future as the possession of the medal will be good evidence of ability in the

holder's favor when seeking another position.

The society has very gratefully accepted this offer and by so doing endorsed the sentiments contained therein.

C. H. ATKINS, Secretary.
Madison, N. J.

[CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings and sports: New York, October 19.—McMillan & Sons, Hudson Heights, N. J., exhibited Cremo, sport from Glory of Pacific, light yellow, Japanese reflexed, which scored 85 points commercial scale.

Philadelphia, October 19.—Wm. Paul Binder, Rider, Md., exhibited No. 10, a white Japanese variety scoring commercial scale 81 points.

EDWIN LONSDALE, Sec'y.

DENVER, COLO.

Various Notes.

The Denver Florists' Club decided on Friday, the 11th, that they would abandon the proposed fall mum show. It will be a great disappointment to many.

We visited several establishments and found everything in good shape for this time of year.

A. Balmer, of Montclair, has had good success with his asters this fall, both as to quality and for the sale of them. His carnations are in good condition, but a little late coming into bloom. We find that a good many florists have their hobbies, and that of Mr. Balmer is taxidermy. Of birds he has a fine collection. They embrace so many varieties and are mounted so naturally that one nearly forgets to think of his flowers.

We next stopped at Fred Hall's, but only got a glimpse of what was in his houses, as he was going to church and told us he had to lock up. Could see, however, that he was growing mostly roses.

Our next stopping place was at C. J. Hurts' place, in Harmon, which is mostly in roses, which were in splendid condition.

Then we came to Newlander & Rollins'. We never saw their place look so clean and businesslike as it does this fall. Their new house is planted in carnations, the finest plants we saw on the trip. They believe in late planting. They were lifted and planted about the 20th of September.

The wholesale greenhouses of Mrs. R. Mauff were our next objects. There we found they had added several new houses, all of which were planted to carnations. Several of their houses have last year's plants of roses, which are looking pretty good at the present time. Their asparagus house is looking especially fine; part of it is newly planted; and, by the way, this is the only house devoted to asparagus that there is in the city.

At the Park Floral Company's place everything is in fine condition. They are cutting mums that are good. In carnations they are growing largely of Lawson and Marquis, which at present, owing to short stems, bring the same price as the other varieties. They had a display of Liberty roses in their window last week which attracted the attention of all that passed.

The mums now coming in will relieve the strain on carnations, of which there

has not been enough to supply the demand. Carnations are retailing for 50 cents a dozen. Roses, of which there is now coming in some elegant stock, run from \$1 to \$2.50 a dozen; mums from \$1.50 to \$3.50 a dozen. THORNE.

NEW BEDFORD, MASS.

Various Notes.

Business is picking up some and occasional funeral work keeps the florists of this good city drifting along to better times. Violets and chrysanthemums have made their appearance, though the first of the mums came from Boston and at a stiff price. Carnations are rather scarce at present, especially Daybreaks and whites.

Most of the florists are growing the Imperial violet this year, only a few having the Campbell and Marie Louise. All are fairly clean and ought to produce good crops.

Some building and changes have been going on this summer. H. A. Jahn has moved some of his houses so that he now has his whole range connected. His carnations and violets are in fine condition and they will have to yield to their fullest capacity in order to keep "Jimmy" at the store in supply the coming season.

E. Y. Pierce has built a new rose house about 75x20, and the stock is doing fine. Mr. Pierce is the introducer of the Imperial violet in this city. His stock did remarkably well last season and this induced everybody to get stock of him for this season, and judging from appearances all will have good results.

The greenhouse formerly owned and run by Charles Waite has been sold and removed and is to be used for growing vegetables.

Kraber has rented Holcomb's greenhouses on Walnut street again and will run them in connection with the place on Tremont street.

William Pierce, Jr., has had his store remodeled and painted and is ready to do a rushing business the coming season. All the greenhouses except two belonging to the late William Pierce, Sr., have been torn down and sold; the remaining two are being run by his son, William Pierce, Jr.

The city has built another large greenhouse at Oak Grove Cemetery, so George Brennan, the gardener, will have enough to keep him busy. Mr. Brennan passed through a severe illness a short time ago, but is now well and about again.

The commons have looked very bright the past season both with cannas and showy annuals, thanks to the good care of George Smith, who grows most of the stock used for this purpose in hotbeds and cold-frames.

Fred Levigue, of Fall River, was a recent visitor. X.

PATCHING BROKEN GLASS.

For patching small holes in our glass we find that a preparation made of white shellac and wood alcohol makes a glue that holds securely, oftentimes enabling us to cover the hole with a small piece of glass instead of putting in a whole new light. GEO. M. KELLOGG.

Pleasant Hill, Mo.

THE annual Thanksgiving Number of the FLOWERS' REVIEW will be issued Nov. 14. Prepare advs. now.

SAMUEL S. PENNOCK, WHOLESALE FLORIST

OFFERS OCTOBER SPECIALTIES.

VALLEY, THE FINEST IN AMERICA. ORCHIDS, RIBBONS.

Long Distance Telephone. 1612-14-16-18 Ludlow St., PHILADELPHIA, PA.
Store open from 7:30 a. m. to 9:00 p. m.

Mention The Review when you write.

LEO NIESSEN OCTOBER SPECIALTIES.....

Wholesale Florist, Valley, The best in the market.
N. W. Cor. 13th and Filbert Sts. **Smilax,** Fine Strings in quantity.
PHILADELPHIA **Chrysanthemums,** Choice blooms in best colors.

LONG DISTANCE TELEPHONE.
Open 7:00 a. m. to 9:00 p. m.

Mention The Review when you write.

Mushroom Spawn. SUPERIOR ENGLISH MILLTRACK. A FRESH IMPORTATION.



From a celebrated maker whose Spawn has given our large dealers the most satisfactory results. A trial order will convince you of its superior quality and great productiveness, and that there is none better obtainable. Per brick (of about 1 1/2 lbs.) 15c; postpaid, 25c. 25 lbs., \$1.50; 100 lbs., \$6.00; 1000 lbs., \$65.00. 250 lbs. sold at 1000-lb. rate. Special quotations will be made on 500-lb. or over quantities.
JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

GEORGE M. MOSS, WHOLESALE FLORIST,

32 S. 17th St., PHILADELPHIA, PA.

Long Distance Telephone 1-45-50 D.
Consignments of first class Carnations, Roses and Violets solicited.
SPECIALTIES—CHDICE BEAUTIES, BRIDES, MAIDS and VALLEY
Mention The Review when you write.

FRED. EHRET, WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.
1403-05 Fairmount Ave., Philadelphia.
Long Distance Telephone.
Mention The Review when you write.

EDWARD REID, WHOLESALE FLORIST

Specialties—Chrysanthemums, Beauties, Brides, Maids and Carnations. Everything in Cut Flowers. We carry the largest stock of Carnations in the State.
Bell and Keystone Telephone.
1526 Kanakon Street, 1 Block from City Hall, PHILADELPHIA.
Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburgh, Pa.
Mention The Review when you write.

Express Prepaid

ASPARAGUS PLUMOSUS NANUS, from flats, \$2.00 per 100.
NEW GIANT OF CALIFORNIA PANSY PLANTS..... \$1.00 per 100
NEW GIANT OF CALIFORNIA PANSY SEED, trade pkt., 25c. 1/2-oz., \$1.00—getting scarce.

Mitting Floral Co., Loomis, Cal.

Mention The Review when you write.

QUALITY TELLS—PRICE SELLS.

Asparagus Spre., 2-inch \$1.25 per 100
Daisies White Marg., 2-inch..... 2.00
Asters/maids, red, ruffled 40 "

If you want Geraniums write us.

E. I. RAWLINGS, QUAKERTOWN, PA.
Mention The Review when you write.

CLEVELAND.

Correction.

In the notes appearing on page 581 of our issue of October 10 an unfortunate error was made in preparing the copy for the printer in which the name of G. M. Naumann was omitted and through this blunder the credit of being the annual winner of the first prize at the Sheriff Street market was given to another grower, who was probably much surprised at the honor thus thrust upon him.

Mr. Naumann was the grower mentioned as the prize-winner by our correspondent and the error in print was ours, not his. We tender our apologies to both growers and to our correspondent.

SPRINGVILLE, N. Y.—Geo. Staffinger has purchased the entire range of glass of L. D. Chandler, amounting to about 4,000 square feet, which he is removing and will re-erect next to his own range. Mr. Chandler is old and in poor health and will retire from the business. Edw. Wyatt has gone out of the florist business, growing only vegetables, for which he uses one greenhouse 10x60 and six acres of land. His sales are local. Mr. Staffinger makes a specialty of carnations and they are looking well. We had our first snow of the season Oct. 16, two inches, but it lasted only a day.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.
Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—An all-around man, one who understands growing pots, carnations and general stock. Address Box 178, Sharon, Pa.

WANTED—To rent or lease an up-to-date range of glass, 10.00 to 14.00 feet of glass, in good locality, well stocked. In answering give full particulars, etc. W. H. Thompson, Florist, Cleveland, Ohio, care General Delivery.

FOR SALE—Cheap for cash; a well established florist business in a good southern Illinois town; contents and trade, contained in three boxes. For full particulars address A. K., care Florists' Review.

SITUATION WANTED—In retail store, or in commercial place; two years' experience in carnations and bedding plants; good recommendation from employer; see if, state wages with board and room. Clarence E. Bruce, Randolph, Vt.

SITUATION WANTED—Experienced carnation grower. Address Grower, care Florists' Review.

FOR SALE—An old established florist business, centrally located in a thriving Western New York city of 12,000 inhabitants; the only florist in the city; 5,000 square feet of glass and store all in perfect condition; natural gas fuel with moderate rates; or will take partner with some experience; \$2.00 or more results; best of reasons given; for full particulars, address G. H., care of Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR RENT OR SALE—A money-making florist business in beauty of Texas, to a reliable and industrious party with some cash and security will get all necessary assistance from owner if desired; cut flowers and decorations are specialties; will give position for a time for examination if wanted; do not write if not in earnest; price, \$2,000.00. Address Texas, care Florists' Review.

WANTED—100 feet 2-inch pipe, 100 feet 1 1/2-inch pipe and fittings; 5 boxes glass, 12x16. Adbl. strength; state price. Address 361 State street, Conneaut, Ohio.

FOR SALE.

13,000 Names of people who own fire laws, covering every State in the Union, arranged alphabetically, according to states and towns. List was gathered from reliable sources, from Jan. 1st to April 1st, 1900. Has been thoroughly tested. Will furnish the list at a reasonable price. (Will furnish good reference if desired.) Address X, care of Florists' Review, Chicago, Ill.

FOR SALE.

A fine piece of property for florists' purposes in Baltimore.

I offer for sale a ten acre lot fronting 500 feet on the north side of the New North Boundary Ave., with a frontage of 500 feet on St. George Ave. (50 feet wide), and a 50-foot ave. to the east, giving three fronts, that is especially desirable as a location for a florist. It is all lawn except immediately around the house. Improvements are a 12-room dwelling and No. 1 outbuilding, all in good repair. The neighborhood is well built up and is only 24 minutes from the city hall, County taxes and city conveniences. Five-cent car fare; car every three minutes; all-night cars. Only four squares from city hall.

Price \$15,000. Terms easy. Address **BALTIMORE, care Florists' Review.**

ATTENTION! Growers of Cut Flowers ofCook County..... ATTENTION!

DO YOU CONSIDER YOUR PRESENT WAY OF MARKETING YOUR CUT AN IDEAL ONE?

If not send your address to **Lock Box 262, Chicago**, and learn of a plan supported by some of Cook County's best growers, whereby your entire cut can be handled at the **actual cost** of selling, **without paying any profit to the middleman**. The arrangement proposed is a **mutual one**, benefiting everybody alike. **Good growers only** are wanted, owning from 5,000 to 50,000 feet of glass. If you are such, **join us**. 150,000 feet of glass was virtually pledged within a day. We want this tripled.

Mention The Review when you write.

KANSAS CITY, MO.

The Exhibition.

"Everything pertaining to the progress of the coming great flower show is working to the satisfaction of those in charge of the arrangements," said Director General Taggart last Monday. The various committees have been appointed and are made up of the leading business men of the city, who have assumed their respective duties with the enthusiasm and determination so characteristic of the western man. The premium list will be issued in a few days and is to be absolutely free of advertisements. The yellow mum will be the official flower of the show. Several hundred badges designed in the shape of the chrysanthemum flower will be worn as a novelty for advertising the show and "Mum's the word" will appear on the badges.

An interesting feature of the show will be a carnation contest. The red carnation was the favorite flower of the late President McKinley. In order to perpetuate that fact in the floral annals of the country, a special prize of \$100 has been offered by Mr. F. D. Crabbs for the best red carnation plant exhibited at the show, provided that it be a new bloom and that it be named the McKinley carnation.

An effective way of keeping the matter before the public is the offering of premiums to the downtown merchants for the best decorated windows in floral and electric displays, during the week preceding the show. This plan is a happy idea originating with Mr. Taggart and the merchants are responding enthusiastically. Premiums for the window displays were solicited from the florists, and Arthur Newell, Samuel Murray, W. L. Rock and G. M. Kellogg each gave \$50, Alfred Broman \$25, Miss Dalley \$25, and Mrs. E. Edgar \$10.

Business.

Business is coming on very nicely. Weather is quite Indian summer-like, which is hastening the supply of roses. No good violets in this market yet. Mums are coming right along and are quite popular with the patrons of the horse show this week.

R. S. Brown & Son are cutting some fine five-foot stemmed Yellow Monarch. Asparagus, smilax, and, in fact, all green stock is decidedly scarce here this fall. With the use of autumn foliage, and flowers plentiful, the storekeepers are able to make attractive window displays. H. J. M.

FALMOUTH, MASS.—H. V. Lawrence has added a new carnation house 21x100.



Wholesale Growers of CUT FLOWERS

We are better than ever prepared to take the best of care of your orders. Our stock is in fine condition and we can supply high grade flowers that will give the best of satisfaction.

WHEATON BROS.

51 Wabash Ave., CHICAGO, ILL.

WHOLESALE PRICE LIST.

Am. Beauty, extra long stem, per doz.	\$2.50 to \$3.00
" " 21-inch stem ..	2.00
" " 20 " " " " "	1.50 to 1.75
" " 15 " " " " "	1.00 to 1.25
" " 12 " " " " "	1.00
" " 8 " " " " "	.75
Meteor	per 100, 3.00 to 5.00
Bridesmaid	3.00 to 4.00
Bride	3.00 to 4.00
Gates	4.00 to 6.00
Perle	3.00 to 4.00
ROSES, our selection ..	2.00
Carnations, common ..	1.00
" " fancy	1.50 to 2.00

All other stock at lowest market prices. No charge for packing.

Subject to change without notice.

Mention The Review when you write.

Dreer's Importations of Azaleas.

LARGEST IMPORTS & FINEST VARIETIES & BEST VALUES

Place your order now for early shipment by freight, and save heavy Express charges later in the season.

	Per doz.	Per 100		Per doz.	Per 100
10 to 12-inch crowns	\$4.50	\$35.00	16 to 18-inch crowns	\$12.00	\$90.00
12 to 14-inch crowns	6.00	45.00	18 to 20-inch crowns	25.00	200.00
14 to 16-inch crowns	7.50	55.00	20 to 24-inch crowns	36.00	300.00

There is a great scarcity of Mme. Van der Cruyssen this season, but we are in position to still supply ten per cent of this variety in assorted lots.

HENRY A. DREER, 714 Chestnut St., Philadelphia.

Mention The Review when you write.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

HARDY HERBACEOUS PERENNIALS.

Field-grown plants, as follows: Coreopsis Lanceolata, Gaillardia Grand Aquilegia, mixed; Aquilegia Chrysantha, Antirrhinum, mixed, choice colors; Antirrhinum Queen of the North, Hemerocallis Flava, Hardy Pink, 5 varieties, \$8.00 per 100. PANSIES—extra fine strain, large blooming, 3c per 100 by mail; \$4.00 per 1000 by express. Cash with order please.

CHARLES S. DUTTON,
85 W. 12th St., HOLLAND, MICH.

Mention The Review when you write.

VEGETABLE PLANTS.

CABBAGE and LETTUCE, all the leading varieties, cheap in large lots. Write for price.

J. S. LINTHICUM, WOODWARD AVENUE,
A. A. Co., Md.

Mention The Review when you write.

This Week Special Bargains

we offer the following **ON SUPPLIES:**

GREEN SHEET MOSS, fresh from the woods, per bag (about same as hbl.), \$1.75.
SPHAGNUM MOSS, two cars just received from swamps, 5 bales, \$1.00; 10 bales, \$7.50.
TIN FOIL, made expressly for our trade, 10 lbs., 90c; 50 lbs., \$4.25; 100 lbs., \$8.00.
TOOTH PICKS, Tower & Cutters's, No. 1 B, 20 boxes, \$1.00; per case, 100 boxes, \$4.75.
WIRED TOOTH PICKS, machine made, a time saver, per box of 10,000, \$2.00.
CYCAS LEAVES, perpetuated, finest quality, 24 to 40-inch, assorted, per dozen, \$2.00.

CANE STAKES, new crop, 5 feet long, per 1000, \$2.00; 10,000 for \$18.00.
RAFFIA, fresh consignment just received, 10 lbs., \$1.50; 100 lbs., \$13.00.
RIBBONS, finest satin, per bolt, No. 12, 95c; No. 16, 81.15; No. 22, \$1.25. All colors.
RUBBER HOSE, excellent quality, florist hose, per 100 feet, coupled \$1.00.
CHEVILLE, all colors, small, per roll, 20c; dozen, \$1.50. Medium, per roll, 45c; dozen, \$1.75.
NEW KORAL LETTERS, per 100, script, \$3.50. We are sole Chicago Agents for Koral letters.

Above quotations good for one week, ending October 31, and subject to goods being unsold.
REMEMBER we are **STRICTLY HEADQUARTERS** on all **CUT FLOWERS, SUPPLIES** and **XMAS GOODS**. Orders booked now for **GREEN, HOLLY, MISTLETOE** and other Holiday goods. Send for our lists.

MCKELLAR & WINTERSON

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

"MUM'S THE WORD."

Kansas City can have one of the greatest, if not THE greatest, Flower Shows ever held, and is going to have it. How and Why? We have the largest, best and best arranged Hall in the World to hold a Flower Show in. It is fire proof. It has pure atmosphere. It has no gas in it to poison your plants. The show will be held under the auspices of the Convention Hall Directors, all substantial business men. They will offer large premiums and pay them in full. Three hundred of Kansas City's best citizens are already at work in committees completing the details. Already exhibitors are signifying their intention of coming. Not to come to the Kansas City Flower Show will be to miss the show of the season. Write for premium list. Write for particulars to

F. H. TAGGART, Director General Flower Show,
JOHN THORPE, Supt. Kansas City, Mo.

Mention The Review when you write.

DAGGER or FANCY FERNS 75c per 1000.

Green or Bronze Galax, 75c per 1000, in 5000 lots.
 Laurel Festooning, 4c, 5c and 6c per yard.
 All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



Mention The Review when you write.

JOHN WELSH YOUNG, Wholesale Grower of

PANDANUS Veitchii

The best variegated Decorative Plant on the market to-day.
 Upsal Station, Penna. R. R., Germantown, PHILADELPHIA, PA.

Always mention the Florists' Review when writing advertisers.

Walter Retzer & Co.

2045-59 North Halsted Street, CHICAGO.

HEADQUARTERS PERFECT STOCK.
FOR

LATANIAS 7-inch, 7 to 9 leaves, \$9.00 per doz., \$70.00 per 100.

These palms cannot be excelled in quality or be duplicated for the money. Rush your orders along. First come, first served. Send for price list.

Mention The Review when you write.

ZIRNGIEBEL GIANT PANSIES.

Trade packages at \$1.00. Also plants of the above strains at \$5.00 per 100 and \$10.00 for Fancies. They are equal to any that we ever sent out.

DENYS ZIRNGIEBEL, NEEDHAM, MASS.
 Mention The Review when you write.

CHAS. D. BALL, GROWER OF Palms, Etc.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.
 Mention The Review when you write.

CINCINNATI

The Market.

The market is starting off this week in a manner that is all that could be desired. On Saturday nearly everything was cleared up, but prices were pretty low. There was an unusual supply of roses, especially pink, and they were inferior in quality. Mildew has hit a few of the boys and, though they are trying hard, it is not easy to be got rid of this kind of weather.

As usual Beauties and Meteors of good grade sold well with scarcely enough to go around. They are selling at same prices as last reported. Some very good Liberties are coming in, but the majority are short stemmed. As yet this variety does not sell up with Meteor in this market. They seem to be soft, wilt easily and are not very good keepers. A cool snap may change all this, though.

The demand for violets is picking up rapidly and prices are consequently on the rise. Some very good Lady Hume Campbell are coming in and sell for 35 to 50 cents per 100. Some Princess of Wales have also made their appearance and are very good, 50 to 75 cents per 100 is the price.

The mum is now able to say, "Go way back and sit down," to most other varieties of flowers. They are with us in full force and other flowers are obliged for the time being, to take a back seat. The demand is all that could be desired, but the price is hardly up to other years, especially for the smaller sized varieties; \$1.50 to \$2 per dozen seems to be about all the retailer is willing to pay.

A few Robinson are making their debut but they are scarcely fit to be cut as yet. Right here I would like to caution the grower about cutting his mums before they are done. Of course there is such a thing as letting them hang too long. But it is so discouraging to receive a consignment of half-open chrysanthemums, which if left on the plants a few days longer would have sold for almost double the money.

Various Items.

Mrs. Underwood, of Ludlow, Ky., has gone to Little Rock, Ark., where she will start a store. Her daughter-in-law will continue the business at Ludlow.

Mr. Phillip Vilmorin, of France, was the guest of J. Chas. McCullough on Sunday last.

The schedule for the chrysanthemum show to be given on November 9 by the Cincinnati Florists' Society, is out. This show is the first of the monthly exhibits to be given by the society. Prizes are offered and a first class show is expected.

C. J. OHMER.

We have received a copy of the final official premium list of the Indiana Floral Festival and Chrysanthemum show to be held at Indianapolis Nov. 5 to 9. Some very attractive premiums are offered. Copies may be had by addressing Wm. G. Bertermann, secretary, 241 Massachusetts avenue, Indianapolis, Ind.

You will find an adv. in the annual Thanksgiving Number of the Florists' Review a paying investment.

ST. LOUIS CITY, IA.—J. C. RENNISON is building a new house 15x300 feet.

E. H. HUNT
 THE "OLD RELIABLE" FOR
Wholesale
Cut Flowers
 Hunt's Flowers Go Everywhere.
 76 Wabash Ave. CHICAGO.
 Mention The Review when you write.

Bassett & Washburn
 76 Wabash Ave., CHICAGO, ILL.
 WHOLESALE GROWERS OF CUT FLOWERS
 AND DEALERS IN
 Greenhouses at Hinsdale, Ill.
 Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
 Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
 Write for special quotations on large orders.
 Mention The Review when you write

J. A. BUDLONG
 37-39 Randolph Street, CHICAGO.
 Roses and Carnations
 A Specialty....
 WHOLESALE GROWER OF
CUT FLOWERS

PETER REINBERG,
 Grower and Wholesaler of Cut Flowers
 600,000 FEET OF GLASS.
 Headquarters for American Beauty.
 51 Wabash Ave. CHICAGO, ILL.
 Mention The Review when you write

C. A. KUEHN WHOLESALE FLORIST
 Cut Flowers and Florists' Supplies.
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Good Plants, \$4.00 per 1,000; \$2.50 per
500, f. o. b. express here. Cash with order.
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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitral, rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, best varieties, 2½-in., \$1.50 per 100. Cash, C. F. Searies, Nashua, N. H.

ALTERNANTHERA.

Alternanthera, red, rooted cuttings, 40c per 100. E. I. Rawlings, Quakertown, Pa.

ALYSSUM.

Alyssum. Dbl. Giant, 2-in., \$3.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

ARAUCARIA.

Araucaria excelsa, fine plants, 6-in. pots, 12 to 14 inches, 2 to 4 tiers, \$1.50 each; \$12.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each. \$18.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS.

Asparagus Plumosus Nanus. Fine stock, 2½-in. pots, \$5.00 per 100. Sprenger, 4-in. pots, \$5.00 per 100. Boston Ferns, very bushy, 30 to 35-in., 4-in. pots, \$12.00 per 100. W. S. Hammond & Son, Carthage, N. Y.

SPRENGER, \$2.50 per 100; \$20.00 per 1000. PLUMOSUS, \$3.50 per 100; \$30.00 per 1000. Extra fine plants, ready to shift into 3½-in. pots. Jackson & Perkins Co., Newark, New York.

Asparagus Sprenger, strong plants, 2½-in. pots, \$1.25 per 100. A. plumosus nanus, strong plants, 2½-in. pots, \$2.50 per 100. Cash, Guaranteed first-class. Beckley Plant Co., Springfield, Ill.

Asparagus, per 100: Sprenger, 2-in., \$1.50; plumosus, 2-in., \$2.50; decumbens, 2½-in., \$1.00; Sprenger seed, \$2.00 per 1,000; 50c per 100. Cash, J. H. Cunningham, Delaware, Ohio.

Asparagus, extra strong and fine. Plumosus, 2-in., \$4.50; 2½-in., \$4.00; 3-in., \$3.50. Cash, Geo. M. Brinkerhoff, Springfield, Ill.

Asparagus, per 100: Sprenger, 3-in. pots, \$4.50; 4-in. pots, \$5.00; plumosus nanus, 3-in. pots, \$5.00. Dickerson & Belden, Box 275, Miami, Fla.

We have a fine lot of A. Sprenger and plumosus in 2, 2½ and 3-in., ready for a shift. They will make you money. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprenger, 2½-in., \$2.50 per 100. A. plumosus nanus, 2½-in., \$3.00 per 100; 2½-in., \$4.00 per 100. Nathan Smith & Son, Adrian, Mich.

Asparagus Sprenger, from 3-in. pots, \$5.00 per 100. Asparagus plumosus nanus, from 2½-in. pots, strong, \$5.00 per 100. WOOD BROS., Fishkill, N. Y.

ASPARAGUS PLUMOSUS NANUS. Cut strings 3 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprenger and plumosus, 4-in., \$8.00 per 100. Cash, Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

2000 Asparagus plumosus, fine, strong plants, 2-in., \$5.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, from flats, \$2.00 per 100, express prepaid. Mitting Floral Co., Louisville, Cal.

A. Sprenger, fine, 2½-in., \$2.50 per 100; 3-in., \$4.00 per 100. Cash, C. L. Osborn, Sidney, Ohio

Asparagus Sprenger, strong 4-in., \$8.00 per 100. Fred Burkl, Bellevue, Pa.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hills, Elkhart, Ind.

Asparagus Sprenger, 2-in., \$1.25 per 100. E. I. Rawlings, Quakertown, Pa.

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Azaleas, all sizes and varieties. Ask for special price list.

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To give best results the larger sizes (above 3-in.) should be shipped in pots. H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

BEGONIA GLOIRE DE LOIRRAINE, 3 and 2½-in., \$15.00 per 100. Guaranteed good healthy stock. Write for prices on large quantities.

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Rex begonia. Comprising five choice varieties. 4-in. pots, \$1.50 per doz.; \$10.00 per 100. 5-in. pots, \$2.00 per doz.; \$15.00 per 100. Johnson & Stokes, 217 Market St., Philadelphia.

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Begonia Rex, named varieties, 2½-in. pots, \$4.00 per 100. Nathan Smith & Son, Adrian, Mich.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1,000. Cottage Gardens, Queens, N. Y.

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Jerusalem cherry, 4, 5 and 6-in., \$10.00 to \$25.00 per 100. Greene & Underhill, Watertown, N. Y.

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Bouquainvillea Glabra Sanderiana, 3½-in., \$6; 3-in., \$4; 2½-in., \$3 per 100. Cash, J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

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Hyacinths. White Roman, 12-15 cm., \$2.50 per 100; \$21.00 per 1000; choice Dutch, mixed, \$3.50 per 100; choice Dutch, separate colors, \$3.50 per 100.

Lilium longiflorum, 7-9, \$4.25 per 100. Chinese lilies, \$1.35 per basket of 30 bulbs, 4 baskets \$5.00.

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Calla bulbous, full size; per 100 prepaid: 2 to 4-in. in circ., \$4.00; 5 to 8-in. in circ., \$2.00; 2 to 2½-in. in circ., \$1.00. Cash with order, satisfaction guaranteed. Fred Raftery, Hermosa Gardens, Santa Ana, Cal.

Our wholesale price list of high-class bulbs for florists has been mailed to the trade. If you have not received a copy send for one now. J. M. Thorburn & Co., 39 Cortlandt St., New York.

Reduced prices to loss out for Easter. Lilium Longiflorum, our well-known, reliable stock 587 inch circ. 25c per doz.; \$1.75 per 100 685 inch circ. 30c per doz.; 2.50 per 100 783 inch circ. 35c per doz.; 3.50 per 100 810 inch circ. 50c per doz.; 6.00 per 100 Longiflorum Multiflorum, earliest flowering. 783 inch circ. 35c per doz.; 3.50 per 100 We still have sizes left at \$2.90 a flower; 6x3 at \$3.00 a 100; 7x3 at \$4.50 a 100.

Hyacinths, 15 cm. up, superb stock 12 100 in separate colors.....\$0.50 \$ 3.20 Dutch Romans, your choice..... 10 2.70 named stock..... 10 2.70

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Lil. Patrum, Album, Melampore ready. Write for prices on anything not on list. Estimates on larger orders cheerfully furnished.

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Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

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Carex japonica variegata, 2 1/2-in., \$2.50 per 100. Nathan Smith & Son, Adrian, Mich.

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Surplus Carnations Good, strong and healthy. 500 Wm. Scott, large, at.....\$3.00 500 Florida, large, at..... 2.50 500 Tidal Wave, large, at..... 2.50 500 Lizzie McGowan, medium size, at..... 2.50 Also Pansy plants, none better for the money. Ask \$2.50 per 1,000. Good strong parsley roots for forcing, at 30c per 100. Cash, please. MOREL BROS., 424 East Market St., Scranton, Pa.

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Fine plants of good, clean stock of the following varieties, ready for the bench, to close out at following reduced prices: America.....\$4.00 per 100; \$35.00 per 1,000 Joost..... 25.00 per 1,000 Evanston..... 20.00 per 1,000 Scott..... 20.00 per 1,000 250 at 1,000 rate.

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Now ready. Field-grown carnation plants, guaranteed to be strictly first class in every way at \$6.00 per 100 for 2d size, \$4.00 per 100 2d size. Florida Hill. Argyle. White Cloud. Libby. Gold Nugget. Wm. Scott. Ethel Crocker. Frances Joost. White Hedge. Wm. Scott. Armaizindy. Wm. Scott. G. VAN BOCHOVE & BRO., Kalamazoo, Mich.

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Cheap close out. America.....\$30.00 per 1,000 Crane..... 30.00 per 1,000 Florida Hill..... 20.00 per 1,000 Sport..... 20.00 per 1,000 Marquis..... 30.00 per 1,000 100 Joost..... 20.00 per 1,000 WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO.

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500 Ethel Crocker.....\$5.00 per 100 500 Genevieve Lord..... 5.00 per 100 500 Rose Queen..... 4.00 per 100 500 Florida Hill..... 4.00 per 100 500 Scott..... 3.00 per 100 500 Armaizindy..... 4.00 per 100 100 Jubilee..... 4.00 per 100 Also 1000 Bride and Bridesmaid roses, cheap. F. E. Blake, Marion, Ohio.

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Good, healthy stock. Per 100 The Marquis, large plants.....\$4.00 The Marquis, medium..... 3.00 Genevieve Lord, large plants..... 4.00 Ethel Crocker, medium..... 4.00 Mrs. Joost, medium..... 3.00 EVERTS BROS., Williamsport, Pa.

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170 Triumph..... 12 Florida..... 40 Gold Nugget..... 10 Chicago..... 125 Macco..... 125 Scott..... 150 Joost..... 150 Also good stock, \$20.00 takes the entire lot. Any part of them at 4c each. C. W. NOBLE & CO., Columbia City, Ind.

\$6.00 fine, healthy, field-grown carnations, no buds on them. Ethel Crocker, Scott, Gomez, Mrs. Fisher, Lord, America, Red Wave, Snow Queen, Fortia, Marquis, Florida Hill and Victor. list size \$4.00, 2d size \$2.50 per 100. Cash. We pack light and guarantee satisfaction. CHAS T. SEBERT, station B, Pittsburg, Pa.

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Carnations, good, healthy plants. 2,000 Joost, 500 E. Hill, 500 White Cloud, 500 Crocker, 500 Gold Nugget, 600 Daybreak, 1,000 Crane and 100 Lord at \$5.00 per 100 for list size; \$4.00 per 100 for 2nd size. Carl Raath, Springfield, Ill.

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Strong field-grown carnation plants. 400 Ethel Crocker, 300 Mrs. E. Fisher, 135 Albertini, 125 Jubilee, Gold Victor, 60 Armaizindy, 1,000 America at \$3.00 per 100. Harry White, New Holland, Ind.

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Fine field-grown plants of Marquis, E. Crocker, Alma (new rose pink), Genevieve Lord at \$6.00 per 100. Armaizindy, \$5.00 per 100. C. S. Mentor, O.

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Chrysanthemums the best early varieties. Kurb, Harry A. Farr, Polly Rose and Rocky Blady, strong, healthy stock plants \$1.25 per doz.; \$8.00 per 100. Cash with order. K. Melber, Tappan, N. Y.

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WHITE GOLDEN BUTE. Forty thousand plants now in bloom. Will make exclusive contracts with one retailer in each city for present season.

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Cinierarias, fine plants, \$4.00 and \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

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Fresh English MILLTRACK mushroom spawn just received. For brick (about 1¼ lbs.), 3 lbs. 4 lbs. 5 lbs. 6 lbs. 7 lbs. 8 lbs. 9 lbs. \$8.00; 1,000 lbs., \$55.00. 250 lbs. at 1,000 lb. rate. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

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Table with 4 columns: Inch, Pot, Price per 100, Price per 1,000. Rows for 1 plant, 3 plants, 6 plants, 12 plants, 24 plants.

3 plants 8 30-36 2.50 \$30.00
12 plants 10 40-45 5.00

KENTIA BELMOREANA. Inch Pot Price per 100 Price per 1,000

Table with 4 columns: Inch, Pot, Price per 100, Price per 1,000. Rows for 2½, 3, 4, 5, 6, 8, 10.

KENTIA FORSTERIANA. Inch Pot Price per 100 Price per 1,000

Table with 4 columns: Inch, Pot, Price per 100, Price per 1,000. Rows for 2½, 3, 4, 5, 6, 8, 10.

LANTANA BORENICA. 4-in., \$6.00; 5-in., \$30.00; 6-in., \$50.00; 7-in., \$100.00.

Good, strong, healthy stock will sell cheap for the following: KENTIA BELMOREANA, 3-in., \$18.00; 4-in., \$33.00; 5-in., \$55.00 per 100.

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6-in., 3 in a pot, 20 to 24 in..... 75c each
8-in., 2 in a pot, 28 to 30-in..... \$1.00 each

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KENTIA BELMOREANA.

Pots. Leaves. High. 12 100.00
3-in. 4 to 5 10 to 12-in..... 2.50
4-in. 4 to 5 10 to 12-in..... 2.50
5-in. 6 to 7 15 to 16-in..... 6.00

6-in. 8 to 9 20 to 24-in..... 75c to \$1.00 each
KENTIA FORSTERIANA.

Pots. Leaves. High. 12 100.00
3-in. 4 to 5 10 to 12-in..... 2.50
4-in. 4 to 5 12 to 14-in..... 2.50
5-in. 6 to 7 15 to 16-in..... 6.00

6-in. 8 to 9 20 to 24-in..... 75c to \$1.00 each
7-in. 10 to 12 20 to 24-in..... \$1.25 each
8-in. 15 to 18 20 to 26-in..... \$2.50 to 2.00 each

Lantana Borbonica, 6-in., 6 to 7 leaves, very strong, 50c each.
Pandanus Utilis, 16 inches high, fine, 50c each.

Cycas, 2 pairs, 15 to 30 leaves, 2½-ft. long, grand plants, 50c per pair.

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LANTANA BORENICA, 4-in., 25c; 6-in., 50 and 75c; 10-in., \$2.00.

ERCAENA TERMINALIS, strong, 6-in., 50 and 75c.

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A large stock of strong and healthy young plants in ¼, ½, 1, 2, 3, 4 and 5 of all kinds. Send for descriptive price list.

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6-in. 24 to 26-in. Very fine. 6 to 8 75.00

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5-in. 20 to 24-in. Fine. 6 to 5 \$25.00
6-in. 30-in. Fine. 6 to 7 60.00
6 to 7 in. 24 to 26-in. Fine. 9 to 11 30.00

Not less than 50 of a class at the above rates.

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PALMS, cheap to make room. ARECA LUTESCENS, 2-in., \$2.00 per 100; 6-in., 3 plants in a pot, \$9.00 per doz.

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Kentias in all sizes. Ask for special trade list.

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Ivy, English, 2 years, strong, from 4-in. pots, 3 feet, \$16.00 per 100, \$50.00 per 1,000; 3 years, strong, 4-in. pots, 4 to 5 feet high, \$15.00 per 100, \$125.00 per 1,000.

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A. B. Campbell, Cochransville, Pa.

Good field-grown California violet plants, \$1.00 per 100; \$8.00 per 1,000. Cash with order. Sample free. John Wolf, Savannah, Ga.

Violets. 500 Swaney White and Lady Campbell from 2 1/2-in. pots, \$1.00 per 100. Crabb & Hunter, Grand Rapids, Mich.

Violet clumps, good ones. Princess of Wales, \$4.50 per 100. Californias, \$3.00 per 100. A. B. Campbell, Cochransville, Pa.

Princess of Wales violets, 2 1/2-in., \$3.00 per 100, \$25.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Field-grown violets, 5,000 Lady Campbell and 10,000 Princess of Wales. Wm. Sim, Cliftondale, Mass.

MARIE LOUISE violets, strong plants, \$3.50 per 100. Mrs. L. P. Seaton, Richfield Springs, N. Y.

La France violets, 4-in., \$6.00 per 100. Greene & Underhill, Water-town, N. Y.

TO EXCHANGE.

To Exchange—Strong, healthy field-grown carnations to exchange for geraniums, geraniums preferred, or will sell cheap for cash. Have 400 Crocker, 150 Jeon, also a few hundred transplanted pansies. Write at once. Marion Floral Co., Marston, Ind.

To Exchange—Belgian hares, blooded stock, also plants of A. Veitchii, for good, large carnations and violet plants. Geo. Staffinger, Springville, N. Y.

To Exchange—5 large Rubbers at \$6.00 each for small palms and ferns. James Morton, Clarksville, Tenn.

WANTED.

I have been having hard luck and am trying to start up my business again. Will some florists help or help out by sending some surplus stock? Can use 250 to 300 carnation plants, 75 to 100 plants, 25 callas, a few bunches of valley, old roots of geraniums or other stock. Of course I expect to pay freight. John Loehrer, Boone, Iowa.

Wanted—Quotations on Paeonies and Gypsophila paniculata wanted by Chas. Johannsen, Box A, Station 3, North Milwaukee, Wis.

CEDAR BEAN Poles.

2-in. or over at butt, 3 to 10 ft. long, \$1.50 per 100. H. R. Akers, Chatsworth, N. J.

COLD STORAGE.

Valley pips for December forcing; few boxes left of our best H. C. grade, by the box of 2,500 only at \$36.25, less 5 p. c. cash.

A. Ralzer & Sons, 53 Day St., N. Y. City.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-27 S. Jefferson St., Chicago.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

We are booking advance orders for Bouquet Green, Holly and Christmas decorations. Will make interesting prices.

W. J. Hayward & Co., 161 Kinzie St., Chicago.

Fancy and Dagger ferns always on hand. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 38 Court Square, Boston, Mass.

Long-necked Pines, Magnolia foliage, Holly, Palm crowns and Palm leaves. For first-class stock and low prices write Southern Evergreen Co., Geneva, Ala.

Dagger or Fancy ferns, 75c per 1000. Laurel festooning, 4 and 6c per yard. Crowl Fern Co., Millington, Miss.

Southern Wild Smilax, new crop ready now. Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Washab Ave., Chicago.

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PURE BONE MEAL—The brand we are selling has no superior. 50 lbs., \$1.00; 100 lbs., \$2.00; 200 lbs., \$3.50; 1,000 lbs., \$14.00; 100, \$70.00.

PALM AND GEM SHRETS and quality. One of the most effective fertilizers. Price, per sack of about 2 bushels, weighing 90 to 100 lbs., \$1.50; 500 lbs., \$5.00; 1,000 lbs., \$10.00.

HORN SHAVINGS—Especially useful where bedding plants are largely grown. 25 lbs., \$1.00; 100 lbs., \$3.50; 1,000 lbs., \$25.00.

B. H. HUNT, 76-78 Washab Ave., CHICAGO.

FLORISTS' SUPPLIES.

VIOLET TIN FOIL, 20 cents a lb.; 10 lbs. for \$4.50. **VIOLET CORDS** and **TASSELS**, all styles and colors. Samples cheerfully forwarded on request.

RIBBONS' RIBBONS' RIBBONS! For every conceivable purpose in the florists' business. All widths, shades and qualities. Color card and samples forwarded. A postal card does it.

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GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves, and Leucothea sprays, address the introducer.

Harlan P. Kelsey, 318 Tremont, Bldg., Boston, Mass.

Reduction in price of Bronze GALAX. DELIVERED FREE anywhere in U. S. for ONE DOLLAR per thousand. American Rose Co., Washington, D. C.

The new green GALAX shipped by express; quality good. Bronze GALAX shipped from Cold Storage, New York. Write for prices. J. G. Lovén, Montezuma, N. C.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-35 Court Sq., Boston, Mass.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. Crowl Fern Co., Millington, Mass.

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Twemlow's Old English Glazing Putty, Semi-Liquid, made only in America by Hammond's Paint and Sign Shot Works, Fishkill-on-Hudson, N. Y.

Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make special greenhouse putty. Price on application. Lee & Burnham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

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HOSE.

Hull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila., Pa.

HOT BED SASH.

Pure cypress HOT-BED SASH, size 3 ft. 4 in. x 6 ft., at special low price of \$10.00 per dozen while stock lasts. Try a sample dozen in Cash. The Livingston Seed Co., Columbus, Ohio.

The Florists' Manual, by William Scott, is a whole library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

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Nikoteen. Does not injure the most sensitive plants. Indorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.

Skabura Dip Co., Chicago.

Rose leaf extract of tobacco will save you money. For free booklet, write Kentucky Tobacco Product Co., Louisville, Ky.

Slugsnot, Grape Dust, Etc. E. Hammond, Fishkill-on-Hudson, N. Y.

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100 bbls. best leaf mold at 60c per bbl. F. Danley, Macomb, Ill.

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Hammond's Greenhouse White. E. Hammond, Fishkill-on-Hudson, N. Y.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 281-283 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Filter & Pottery Co., Toledo, Ohio.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Red Standard Pots, the best on the market. Keller Bros., 213-223 Pearl St., Norristown, Pa.

Red Pots. Sample pot and price list on application. C. C. Fellworth Co., Milwaukee, Wis.

Red Pots. Coleburg Pottery Co., Coleburg, Iowa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

POWDER BLOWERS.

The Fearless Powder Blower. Distributes equally well Sulphur, Lime, Slug Shot, Tobacco Dust, Paris Green, etc. Price, \$4.00 F. O. B. Chicago. Edw. E. McMoran & Co., Manufacturers, 15-21 N. Clinton St., Chicago.

RAFFIA FIBER.

Always on hand. Best Madagascar, 10 lb. lots, \$1.50; 100 lb. lots, \$12.00. Prices bale lots on application. A. Rolker & Sons, 62 Dey St., N. Y. City.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 334 Dearborn St., Chicago.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10-bale lots, \$5.50. Send for sample bale. Z. K. Jewett & Co., Sparta, Wis.

Clean, fresh, 5 bbl. bale, \$1.00; 3 bales, \$2.50; 5 bales, \$4.00. H. R. Akers, Chatsworth, N. J.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Palen Co., Kingston, N. Y.

TOBACCO DUST.

Tobacco dust, \$1.25 per 100 lbs., .25c per 200 lbs., \$.50 per 500 lbs., \$.85 per 1000 lbs.

Van Ruyper glazing paints, 50c per 1000, \$.50 per 1000.

Galvanized plant stakes for carnations:

3½-ft., \$0.35 per 100; \$7.50 per 1000

4-ft., 1.00 per 100; 8.00 per 1000

5-ft., 1.20 per 100; 9.50 per 1000

GRIFFITH & TURNER CO., Seedsmen, Baltimore, Md.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 100, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Model Extension Carnation Supports and Model Plant Stakes. Write for prices and descriptive circular. The Parker-Bruen Mfg. Co., 430 Kent Ave., Brooklyn, N. Y.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoo Bros., 236 North 9th St., Brooklyn, N. Y.

DO NOT TRY UP roses or carnations until you have read our circular on wire. H. P. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 112 Pine St., St. Louis, Mo., manufacturer of the Patent Wire Clasp Florist Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterston, 45 ft. 48 Wabash Av., Chicago.

Emil Steffens, Manufacturer of Florist's Wire Designs, 235 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 75-78 Wabash Av., Chicago.

GRAND RAPIDS, MICH.

We are having as fine a spell of Indian summer weather as one could even pray for. It did not arrive, however, until after there was a killing frost which gave business a decided impetus. Weddings and receptions are in full blast. Most of the principal ones are booked as far ahead as December.

Shipping is not so brisk as it was during the summer and up to about October 8, for the reason that most of the retail growers are now cutting enough of their own stock to meet the light demand.

Carnations are coming along finely, although, as a rule, of rather poor quality. But little first class stock is being cut with the exception of the Irene, which is the best carnation on this market.

Prices remain firm. Early mums, \$2 per doz.; Robinson, Morel, etc., just in, at \$3 per doz. Carnations, 25 to 35

cents per doz. Violets, 20 cents per doz. Icauties, \$2 to \$3 per doz.

Eli Cross is soon to take unto himself a wife. Miss Elizabeth Brower is the fortunate lady's name. Eli is building a residence where the happy couple will take up their abode.

Recent visitors: J. A. Bissinger, Lansing; Chas. Fruch, Jr., Saginaw; Chas. Noll, of the Dayton Folding Box Co., Dayton, O., and a representative of the Geo. Wittbold Co., Chicago. G. F. C.

SAN FRANCISCO.**The Market.**

Between wedding decorations and funerals the week has been a busy one and nearly all of us have had a fair share of the work. White roses have been very scarce, the demand for them being greater than for any other white flower. Chrysanthemums are keeping up their prices. Fancy blooms bring as high as \$3 per dozen; outside mums are coming in more freely and are mostly pink and white. Some pretty Vivand-Morels are in the market. Violets are plentiful and are improving in quality as the weather is getting cooler, which suits them. Lily of the Valley is becoming more plentiful.

American Beauties, \$1.50 to \$2; Brides, 25 to 75 cents; Bridesmaids, 25 to 50 cents; Meteors, 35 to 50 cents; Ceil Brunners, 10 to 15 cents; Kaisers, 25 to 75 cents; Perles, 25 to 35 cents; Carnots, 25 to 50 cents per doz. Carnations—Hobart, \$1; Crocker, 25 to 50 cents; Prosperity, 75 cents; Lawson, 25 to 50 cents; Triumph, 35 cents; mixed fancy, 25 to 50 cents; Hill, 25 to 35 cents; Scott, 15 to 25 cents; Portia, 10 to 15 cents per doz. Chrysanthemums—Madame Bonton, \$1 to \$3; Bonaffon, \$1 to \$1.50; Queen, 50 cents to \$1.50; Vivand-Morel, 75 cents to \$1 per doz. Outside chrysanthemums, 10 to 25 cents per doz. Lily of the Valley, 50 cents per doz. Princess of Wales violets, 75 cents to \$1.50. Smilax, 5 cents; asparagus, 12½ cents per string.

Chrysanthemums have been in the market since August 1. A. Galloway, of Fruitvale, brought in the first yellows, for which he received \$2.50 per doz. Pottet was next with some beautiful whites. At present the market is well stocked with all grades and colors and prices range from 10 cents to \$3 per doz. Some nice Queens and Bonaffons can be seen at the stores. Sweet peas are almost gone and what few are coming in are very poor. The same may be said of asters.

P. Hyashi, Alameda, is cutting some nice Queens and Bonaffons.

Pacific Coast Hort. Society.

A meeting of the Pacific Coast Horticultural Society was held on October 7 at Mission Opera House, Mission street, San Francisco. The election of officers for the ensuing year resulted as follows: President, H. Plath; vice president, Wm. Eldred; secretary, T. A. Munroe; treasurer, P. Cauhape; financial secretary, M. Borkheim; librarian, J. W. Bagge; ushers, J. Epstein, G. Gagne; trustees, J. Milne, E. Serveau, C. H. Baker.

With the above set of officers our society ought to run along very smoothly the coming year for all the gentlemen elected are workers and have the good of the society at heart. A chrysanthemum show may be held some time in November; but the question whether we

shall hold one or not was left over till next meeting, the third Monday in October.

Various Notes.

Mr. E. Gill (I don't mean the old man), our enterprising young Oaklander, has just finished planting his new carnation house, which 2,000 plants fill nicely; they are mostly Flora Hill, Lawson and Bradt. Ed speaks of erecting a large house for chrysanthemums, and a lath house for asters next year.

Chas. F. Fick has moved to San Mateo and seems to be well satisfied with the change.

Mr. Geo. Hansen, the well known landscape gardener of Berkeley, is on the sick list.

Mr. Chas. Hasselbacher, who has been sick for some months past, having failed to get relief through six white doctors, tried a Chinese doctor who claimed he could cure him in three weeks. The three weeks are up but no cure has as yet been effected. Stomach trouble is the cause of Mr. Hasselbacher's illness. It is hoped he will soon get well.

Mr. Sam R. Love, lately with H. M. Sanborn, Oakland, will open a store at 1153 Washington street, Oakland, about October 14. This location will place Mr. Love right alongside a sister florist, Madame P'rentice. Sam called in to see the madame a few days ago and informed her that he was not opening up alongside her place of business for meanness. "Oh, no," replied the madame, "I know you would not do that; I think it's for love." I might add that this store will be used only by Mr. Love can find a better one. It is to be hoped that he will make a success of his first venture in business, as he is a popular young man with an excellent disposition.

A few days ago one of our cheap, outside carnation growers dropped into a downtown retail store while the proprietor was in the act of showing a customer a vase of carnations at 75 cents per doz. Turning to the grower, who carried a basket, the customer inquired what he was selling. "A sella da pinka," replied the grower. "What do you ask for them," queried the customer. "Twelve dozen fora da fifty cents," said the grower. The would-be customer took a couple of dozen carnations and handing the grower 25 cents left the store. Wouldn't that jar any man paying \$150.00 a month for rent?

Mr. Thomas H. Stevenson had a vase of the new white sport from Vivand-Morel, Mrs. Ritson, in his window this week. The bud on opening is a lemon yellow but as the petals expand it fades to a beautiful white. It is a good thing and no doubt will be largely grown next year.

Mr. John Carbone, Berkeley, is cutting some very fine Prosperity carnations which bring 75 cents wholesale.

Mrs. P. Fredricks has opened a florist's store on Post street near Grant avenue.

N. Symmacoplus, Oakland, has made a contract with the Southern Pacific Railroad Co. to decorate with plants a number of south and eastbound cars, by the year. The contract calls for \$5 per car.

The Shamhan Floral Co. has had a very busy week in making funeral work. Among the pieces made by this company and which is worthy of mention, was a design made for the funeral of the late Mr. Mark Thiall, the owner of a local theater. The piece represented a stage, 10x2 feet and 7x6 feet which

was made entirely of white stock. The boxes were finished with Brides and orchids; the curtain was made of violets, Princess of Wales, bearing the word "Finale" done in stock. The design was a splendid piece of workmanship and a good proof that our San Francisco florists are strictly up to date on any kind of work.

Mr. Thomas H. Stevenson did over two hundred dollars' worth of work this week in the way of church wedding decorations and funeral designs.

One of our leading clothing establishments on Market street has been making a show of dahlias in a couple of their show windows the past few days. The blooms are staged in true exhibition style and do not fail to draw crowds.

Mr. G. N. Tyler, Alameda, is cutting some very nice Queens and Bonaffons, and sprays of Asparagus Sprengeri.

J. N.

DETROIT.

At the meeting of the Florists' Club, Oct. 16th, there was as usual a large attendance. President Holzmaek makes an efficient official and Mr. Sullivan performed his duties as secretary before taking the midnight train for Philadelphia and the flower show in New York. Detroit will also be represented there by Mr. Phil Breitmeyer.

The approaching flower show in Detroit was the principal matter discussed and complete arrangements have been made, that indicate a great success. The subscription list is remarkably free and generous, the prizes numerous and liberal and the interest about universal.

Business, too, is booming and all the retailers are busy, and everywhere there is evidence of cheerful expectation.

After the meeting, a dozen of the old bowler guard endeavored to score the averages of other days, but we cover the results with the mantle of charity.

AUSTIN.

DALLAS, TEXAS.

Business is booming and flowers are plentiful. The Texas Seed & Floral Co. are now cutting outside Beauties with stems two to five feet long and flowers perfect. Brides and Maids, and in fact all of the ever blooming class, are producing fine flowers outside. Ten acres of roses in full bloom is quite a sight.

Carnations inside are coming on finely and they will soon be cutting a fine crop. Two houses, each 20x150, of mums are in perfect condition, two flowers to a plant. A house of rose cuttings, largely from outside wood, is in fine shape and the cuttings are about ready for potting off, with hardly a miss. Many of the everblooming varieties root as freely from outside grown wood as from that grown inside.

No frost as yet and the days are warm and balmy while the night temperature drops to about 65 degrees. F. W. B.

RED OAK, IOWA.

The C. J. Anderson Company has completed its new range, which is located almost in the center of the city. They have put up about 15,000 feet, installed a 50-horse power boiler and added a good sized potting shed and dwelling. Their stock of roses, consisting mostly of Maids, Brides, Meteors and Golden Gate, is in fine condition, also carnations, such as Crane, Flora Hill, Ethel Crock-

Araucaria Excelsa

Fine Plants, 6-in. pots, 12 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,

6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

2,000 Asparagus Plumosus,

Fine, Strong Plants, 3-inch pots, \$5.00 per 100.

Dracaena Indivisa,

5-inch pots, \$25.00 per 100.

ROSES.

Fine, strong 3-year-old field-grown White Maman Cochet, \$10.00 per 100.

ISAAC H. MOSS,

Govanstown, BALTIMORE, MD.

DECIDUOUS TREES.

Maples. Norway, Sugar, Silver, Sycamore, Ash Leaved and other varieties, from 8 to 16 feet, \$20.00 to \$40.00 per 100.

Oaks. Pin, Red, Scarlet, English, Chestnut, Moony Cup, Turkey, White and Willow Leaved. Large stock. Lowest prices.

Original Plant, 6 to 12 feet, \$16.00 to \$35.00 per 100.

POPLARS - Carolina and Lombardy. **ASH, BEECH, ELMS, LINDENS.**

Full assortment of Deciduous and Weeping Trees. Descriptive catalogue and trade list on application.

THE W. H. MOON CO.,

Glenwood Nurseries, MORRISVILLE, PA.

30 miles from Philadelphia, 60 miles from New York.

Office, 702 St. Nicholas Girard Bldg.

Mention The Review when you write.

PANSY PLANTS.

Per 100
Nice plants, \$3.00 per 1000 \$ 50
Sprengeri, 2-in. pot, 150
Plumosus, 250
Decumbens, 2 1/2 " 1000
Sprengeri Seed, \$2.00 per 1000, 50

CASH. JQS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

The Model Extension Garnation Support.

Also Galvanized Steel Rose Stakes.

Endorsed by all the leading carnation growers as the best support on the market. Made with 2 or 3 circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circular.

IGOE BROS.,

226 N. 9th Street, BROOKLYN, N. Y.

er, Mary Wood, Argyle, are grown to perfection here.

Red Oak is a prosperous city, located well for shipping to surrounding towns. Business has opened up nicely and prospects are splendid for a good business.

GEO. W.

ICE HOUSES.

I would like to know how to build an ice house, what to use for foundation and what size to hold 125 tons of ice. Would like estimate of cost above the foundation, and to know if sawdust in the walls is better than tight air space.

ICE.

[Will some reader please supply the desired information and oblige. Ed.]

PREPARE advs. now for the annual Thanksgiving Number of the FLORISTS' REVIEW, to be issued Nov. 14.

ORANGES.

Best named sorts, beautiful bushy plants, blooming size, grafted two years, 12-inch, \$3.00 per 100.

CALADIUMS.

40 best named sorts, dry bulbs, 1 1/2 to 2 1/2 inch in diameter, \$10.00 per 100, \$90.00 per 1000; 1 to 1 1/2 inch diameter, \$8.00 per 100, \$70.00 per 1000.

FICUS ELASTICA.

Top cuttings, 12-inch, \$30.00 per 100.

PHOENIX--Farinifera, Pumila and Reclinata.

4-inch pots, 12-inch, 5 to 6 leaves, 1 to 2 leaves showing character, \$15.00 per 100.

6-inch pots, 24 to 30-inch, 6 to 8 characterized leaves, VERY FINE, \$75.00 per 100.

PHOENIX--Sylvestris and Tenuis.

5-inch pots, 20 to 24-inch, 5 to 6 characterized leaves, FINE, \$25.00 per 100.

6-inch pots, 30-inch, 6 to 7 characterized leaves, FINE, \$60.00 per 100.

6 to 7-inch pots, 24 to 28-inch, 9 to 11 characterized leaves, VERY STOCKY, \$90.00 per 100.

Not less than 50 of a class at above rates.

P. J. Berckmans Co.,

INCORPORATED.

Fruitland Nurseries, AUGUSTA, GA.

Mention The Review when you write.

Seasonable Stock.

We wish to call your attention to the following low prices. The stock is in fine condition and must be sold to make room.

Adiantum Capitis Veneris, 2 1/2-inch pots, \$3.00 per 100, 5-inch pots, \$4.00 per 100.

Adiantum Capitis Veneris imbricatum, 2 1/2-inch pots, \$3.00 per 100; 3-inch pots, \$3.00 per 100.

Asparagus Plumosus Nanus, 2 1/2-inch pots, \$3.00 per 100, 3 1/2-inch pots, \$4.00 per 100.

Asparagus Sprengeri, 2 1/2-inch pots, \$2.50 per 100.

Begonia Rex, named varieties, 2 1/2-inch pots, \$4.00 per 100.

Carex Japonica Variegata, 2 1/2-inch pots, \$2.50 per 100.

Cyperus Alternifolius, extra strong, 3-in. pots, \$3.00 per 100.

Geraniums, S. A. Nutt and Marvel, 2 1/2-inch pots, \$2.50 per 100.

Neprolepis Cordifolia, 3-in. pots, \$3.00 per 100.

Neprolepis Davidioides Foreans (Grosed Fern), 6-inch pots, 60c each, \$6.00 per doz.

Polystichia Pulcherrima, extra fine, 4-in. pots, \$2.50 per doz.; 6-inch pots, \$4.00 per doz.

Primroses (Forbeal or Baby), in bloom, 2 1/2-inch pots, \$2.00 per 100. (Chinese Primroses) two colors, 2 1/2-inch pots, \$2.50 per 100. Standing Scarlet, 3-inch pots, \$3.00 per 100.

Violets, Princess of Wales, field grown, \$5.00 per 100. California, field grown, \$4.00 per 100, P. of Wales and Lady Campbell, 3-in. pots, \$3.00 per 100. The above Violets are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

PRINCESS OF WALES VIOLETS

2 1/2-inch, strong, \$3.00 per 100, \$25.00 per 1000.

CARNATIONS { Marguis \$6.00 per 100
E. Crocker 6.00 "
A new one pink 6.00 "
Genevieve Lord 6.00 "
Armazindy 5.00 "

DRACAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIEGATED VINCA, field, \$4.00 per 100.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

Ciererarias

For Easter Blooming, \$2.00 per 100.

CYCLAMEN, 3-in., \$4.00 per 100.

A few hundred PRIMROSES, \$1.50 per 100.

CASH

J. W. MILLER, HATTON, PA.

Mention The Review when you write.

Nephrolepis Davallioides Furcans.....

Undoubtedly one of the most valuable of the Sword Ferns, and preferred by many to the Boston Fern, always scarce and in good demand. We offer a fine large stock.

6-inch pots..... 60c each 7-inch pots, extra heavy, \$1.00 each
7..... 75c..... 8..... 2.00 ..

CIBOTIUM SCHIEDEL.

The only Tree Fern worth growing. Graceful, Decorative and as Hardy as a Palm.

5-inch pots..... \$1.00 each 7-inch pots..... \$1.50 each
9-inch pots..... \$2.50 each

Our Quarterly Wholesale List has been issued and offers a full line of Decorative Plants and All Seasonable Stock.

Our Decorative Plants have never been in better condition than this season. Our display at the recent meeting of the S. A. F. O. H. was awarded the silver cup offered by the Buffalo Florists' Club for the Best and Most Complete Display.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.



KALAMAZOO, MICH.

Various Notes.

Trade during the past month has been steady with a fair demand for good stock. The supply of Beauties and Meeters has been good and quality fine. Carnations are becoming more plentiful every day and the quality is improving. Mums are getting more plentiful, the supply easily keeping pace with the demand.

Mr. Sam Batson, who grows carnations exclusively, has his place in fine shape. Stock strong and healthy. He has added a new supplementary boiler to his place this year.

The Dunkley Floral Co. have remodelled some of their old carnation houses; they are proposing to remodel the rest of them next summer. The new roofs are constructed on much the same plan as Michael Wimandy's new range. Their stock is in fine condition; they are cutting some fine Beauties and Kaisersins.

"Jack" Calder is cutting some nice carnations from his new house; he says they are the best in the city.

The Van Bochove Bros. are cutting very fine carnations and roses for which there is a good demand. They are also cutting some nice mums of the earlier sorts. The later sorts will be ready in about two weeks.

The Calder alluded to in my last report was not "Jack" Calder, the East Side florist, but another Calder to whom the local papers gave the same initials.

RIBES.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

M. H. Walsh, Woods Holl, Mass., registers hybrid rose Lady Gay (Wichuraiana x Bardon Job). Habit like Wichuraiana; strong vigorous grower; glossy foliage; color distinct bright pink; flowers borne in large trusses, similar to Crimson Rambler, but individual blooms larger than that variety; hardy in Massachusetts.
W. M. J. STEWART, Sec'y.

DETROIT, MICH.—Chas. Schaible and Jerome K. Stock have formed a partnership under the name of Schaible & Stock and will open a floral store at 308 Woodward avenue.

Do not fail to have a strong special adv. in the Annual Thanksgiving Number of the FLOWERS' REVIEW, to be published Nov. 14, just two weeks before Thanksgiving.

PALMS.

The following varieties and sizes of stock are of special value, being larger and in every way better stock than I have ever offered for the same price.

ARECA LUTESCENS.

In. high.	Per doz.	Per 100	In. high.	Each
4-in. pots, 3 in a pot, 16 to 18	...	\$2.00	6-in. pots, 3 in a pot, 28 to 30	..... \$1.00
6-in. pots, 3 in a pot, 20 to 24	.....	75c each	8-in. pots, 3 in a pot, 30 to 36	..... \$2.00 to 2.50

KENTIA BELMOREANA.

Leaves.	In. high.	Per doz.	Per 100	Leaves.	In. high.	Per doz.	Per 100
3-in. pots, 4 to 5	...	9 to 10	..... \$2.00	4-in. pots, 6 to 7	...	15 to 16	..... \$4.00
3-in. pots, 4 to 5	...	10 to 12	..... 2.50	6-in. pots, 6 to 8	...	20 to 24	..... \$7.50 to \$1 each

KENTIA PORTERIANA.

Leaves.	In. high.	Per doz.	Per 100	Leaves.	In. high.	Per doz.	Per 100
3-in. pots, 4 to 5	...	12 to 14	..... 2.50	4-in. pots, 4 to 5	...	16 to 18	..... \$6.00
3-in. pots, 4 to 5	...	12 to 14	..... 2.50	6-in. pots, 5 to 6	...	20 to 24	..... \$1 each
6-in. pots, 10 to 12	...	leaves, 20 to 24 in. high,	3 plants in a pot	.....	.....	.....	..... \$1.25 each
6-in. pots, 15 to 18	...	leaves, 30 to 36 in. high,	3 plants in a pot	.....	.....	.....	..... \$2.50 to 3.00 each
6-in. pots, Latania Borbonica,	6 to 7	leaves, very strong	.....	.....	.....	.....	..... 50c each
6-in. pots, Pandanus utilis,	16 inches	high, fine plants	.....	.....	.....	.....	..... 50c each
2 pair Cycas, 26 to 30	leaves,	3 1/2 feet long, grand plants,	.....	.....	.....	.....	..... \$3.00 per pair.

LEMUEL BALL, - - Wissinoming, PHILADELPHIA, PA.

Mention The Review when you write.

Come to Indianapolis.

INDIANA FLORAL FESTIVAL AND CHRYSANTHEMUM SHOW,

TOMLINSON HALL, NOVEMBER 5, 6, 7, 8 and 9, 1901.

In booming the Indianapolis Show you will help make The National Carnation Meeting a wonderful success.

Program, Premium List and Entry Blanks can be had from the Secretary.

WM. G. BERTERMANN, 241 Massachusetts Ave., INDIANAPOLIS, IND.

Mention The Review when you write.

ARE YOU INTERESTED IN

Boston Ferns?

We are in a position to supply you with the best 5, 6 and 7-in. Write us for prices. Also have a fine lot of

SPRENGERI AND PLUMOSUS

in 2, 2 1/2 and 3-inch each, ready for a shift. These will make you money.

A few hundred fine PRIMULAS. Write

GEORGE A. KUHL, Pekin, Ill.

JOSEPH HEACOCK,

GROWER OF

Fine Palms,

For Price List

SEE PAGE 637, OCT. 17th.

VEGETABLE PLANTS!

CABBAGE.—Jersey and Chas. Wakefield, Succession, Flat Dutch, and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.
LETTUCE.—Grand Rapids, Big Boston, Boston Market and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

CELERY.—Giant Pascal, Golden Heart and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

TOMATO.—Lorillard, Mayflower, Paragon and Dwarf Champion; from seed bed, 50c per 100. Lorillard and Mayflower from 2 1/2-inch pots, \$2.00 per 100.

EGG PLANT.—N. Y. Improved, 50c per 100.
PEPPER.—Ruby King, 50c per 100.

If wanted by mail add 10c per 100.

Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md.

CYGLAMEN, PESCICUM and BIGANTEUM

for Christmas Blooming.
Fine large healthy plants.
3-inch, \$5.00 per 100. 4-inch, \$8.00 per 100.
Asparagus Plumosus Nanus and Sprengeri, 4-in., \$8.00 per 100.

Cinerarias, 2-in., \$2.00 per 100; 3-in., \$3.00 per 100

Cash with order.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N. Y.



LATANIA BORBONICA.

LATANIAS

We have a big stock of Latania Borbonica, the best selling Palm. It is all good value at the price, the 5, 6 and 7-inch sizes particularly so.

Let us have your order **NOW** while shipments may be made safely by freight.

Latania Borbonica.....	Pot.	Height.	Leaves.	Each.	Doz.	100
.....	2 1/2	3	5 to 6		\$ 0.60	\$ 4.00
.....	3 1/2	12	5 to 6		1.00	8.00
.....	4	15 to 18	5 to 6		\$0.15	1.50
.....	5	18 to 22	6 to 7		.25	3.00
.....	6	22 to 26	6 to 7		.50	5.00
.....	7	22 to 26	7 to 9		1.00	10.00

BOSTON FERNS. We have extra strong bushy plants in the following sizes: 5-in., \$3.00 per doz., \$30.00 per 100; 6-in., \$5.00 per doz., \$33.00 per 100.

We are sold out of Nephrolepis Witboldii in sizes larger than 4-inch at \$3.00 per doz. If you want any of these or other plants— they are going fast.

FOR COMPLETE LIST OF STOCK SEND FOR OUR NEW CATALOGUE.

THE GEO. WITBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write

ASPARAGUS.

Our stock is large and in splendid condition.

SPRENGERI.		PLUMOSUS NANUS.	
2-in. pot.....	\$0.50 doz., \$ 3.00 100	2-in. pot.....	\$0.50 doz., \$ 4.00 100
3 " " " " " "	1.00 " 8.00	3 " " " " " "	1.00 " 8.00
4 " " " " " "	1.50 " 12.00	4 " " " " " "	1.50 " 12.00
5 " " " " " "	2.00 " 15.00	5 " " " " " "	2.00 " 15.00
6 " " " " " "	3.00 " "		
7 " " " " " "	4.00 " "		
8 " " " " " "	9.00 " "		

From seed boxes, \$25.00 per 1000.



Big... Bargains in Palms.

To make room quick I will sell very CHEAP FOR CASH.

3-in., strong, fit to shift in 4-in.	\$18.00
4-in., " " " " " "	33.00
5-in., " " " " " "	55.00
Kentia Forsteriana.	
3-in., strong, fit to shift in 4-in.	\$15.00
4-in., " " " " " "	30.00
5-in., " " " " " "	50.00
Latania Borbonica.	
4-in., strong, fit to shift in 5-in.	\$ 15.00
5-in., " " " " " "	30.00
6-in., " " " " " "	50.00
7-in., " " " " " "	100.00

8000 Carnations.

Fine healthy, bushy, well grown field plants, no buds on them: E. Crocker, Scott, Gomez, G. Lord, Mrs. Fisher, America, Red Wave, Snow Queen, Portia, Marquis, Flora Hill, Victor. 1st size, \$4.00; 2nd size, \$2.50. **Cash with order.** I study to please every patron and pack carefully in light boxes, I guarantee entire satisfaction and big value for the money. We have three express companies—Adams, American and United States.

Chas. T. Siebert, Pittsburg, Pa. **St. B.** Mention The Review when you write.

ROSES! ROSES! Grand 3 1/2-in. Bride and Maid, \$2.00 per 100; 2 1/2-in., \$1.25 per 100. Big bushy plants. Great Bargain. Crane, Joost, Scott, field grown, \$3.00 per 100. Light, careful packing. **W. H. GILLET & SONS,** LINCOLN, ILL. Mention The Review when you write.

Burpee's Seeds Grow

SPECIAL Clearing Sale!!

The following stock is occupying two of our propagating benches which we need at once and to move quick we will offer the following stock guaranteed in **FIRST CLASS** condition and worth twice the money: **15,000 GERANIUMS**, from 2 1/2-inch pots, S. A. Nutt, Alp. Ricard, Frances Perkins, E. G. Hill, Beante Poitevine, La Favorite, J. M. Gaar, La France, Mme. Braun, Mme. Jaulin, Athlete, \$1.50 per 100; \$15.00 per 1000. **5,000 Asp. Sprengeri**, strong plants, from 2 1/2-inch pots, \$1.25 per 100; \$12.50 per 1000. **1,000 Asp. Plumosus Nanus**, strong plants, from 2 1/2-inch pots, \$2.50 per 100.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool. **J. B. HEISS,** DAYTON, OHIO. The Exotic Nurseries. **SEND FOR PRICE LIST.**

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL** For Particulars Address **JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.** Mention The Review when you write.

Big Bargains!

TO MAKE ROOM. Per 100
 Chinese Primulas, white only, 2 1/2-in. \$ 1.25
 Cinerarias, 2 1/2-in. 2.00
 New Yellow Baby Primrose, 2 1/2-in. 1.50
 Smilax, 2 1/2-in. 1.00
 Latania Borbonica, 2 1/2-in. 3.50
 Kentia Forsteriana, 3-in. 12.50
 Pansy Seed, choice mixed, \$3.00 per oz.
 Pansy Plants, 50c per mail, \$4.00 per 1000 by express. —CASH—

THE MORRIS FLORAL CO., Morris, Ill.

THE E. G. HILL CO.

Wholesale Florists, **RICHMOND, INDIANA.**

YOU will find... **ALL the BEST** offers **ALL the time** in the Review's Classified Advs.

TORONTO.

The Market.

The demand for cut flowers this past week has been a considerable improvement on the trade of previous few weeks. Stock has been more plentiful with more of it than for some time back, the quality also being improved. Mums are just nicely starting, most of the early varieties coming in fairly plentiful. Roses have been good, not an over supply, though, Brides and Maids particularly being fine, of which both Dunlop and Dale are about equal as far as quality goes.

There are still a few nice dahlias being brought in by Tattle, his plants being protected from the frosts of the last week by orchards in which a number of his dahlias are planted. Some nice Meteors have been sent in by Walter Muston.

We noted some splendid specimen Boston ferns grown by Mr. Geo. Hollis in some of the down town stores. Mr. Hollis can grow ferns all right.

A Visit.

I had the pleasure of visiting the conservatories of Messrs. Grobba & Wandrey of Mimico, and seeing their array of bulbs for winter forcing. Just four years ago, about this time of the year, I paid a visit to these same men and found their establishment consisted of a single house half buried in the ground, 100 by 18 feet; today they have by faithful adherence to business and careful and scientific growing of stock increased their glass to over 50,000 square feet. They have been undoubtedly the most thrifty (call it lucky if you wish) growers in the close vicinity of Toronto within the past few years. Their bulb list will include 300,000 tulips, 32,000 daffs, 12,000 hyacinths (Dutch), 15,000 Romans, 15,000 paper whites, and 20,000 freesia. The latter bulbs are raised by themselves from seed.

Club Meeting.

The Toronto Gardeners' and Florists' Association met last Tuesday evening, the principal business being connected with the mum show next month. Committees were appointed to look after the different arrangements necessary, etc. C. W.

FT. WAYNE, IND.

Trade for the past week has been remarkably good. A number of weddings having occurred and the weather being fine has made a good demand for flowers. For as a rule trade is much better in the fall of the year if we have bright days. The cool nights have improved the quality of the flowers, especially roses and carnations.

Carnation plants have picked up and are in a better condition this fall than usual for this season of the year.

Recent visitors: Mr. Noll, of the Dayton Folding Box Co.; Mr. Byers, of the Dayton Paper Novelty Co.; Wm. Trilow, representing J. C. Vaughan.

M. S. V.

RICHMOND, IND.—A brand new \$2-pound challenge boy has arrived at the home of Mr. John A. Evans. John's advent into the nursery business seems to have met with as brilliant success as his ventilators.

...FOLDING... Cut-Flower Boxes.

WE HAVE A BOX THAT WILL PLEASE YOU.
IT IS MADE RIGHT
AND THE PRICES ARE RIGHT.

FREE: We will send free a Sample Box and our prices on all sizes on request.

Don't fail to get our samples and prices before buying elsewhere.

HOLTON & HUNKEL CO., Milwaukee, Wis.

Mention The Review when you write.

Field-Grown Carnations.

To Close Out at Following Reduced Prices:

Fine plants of good, clean stock of the following varieties, ready for the bench:

America	.... \$4.00 per 100;	\$35.00 per 1000
Joost	.....	25.00 "
Evanston	.....	20.00 "
Scott	.....	20.00 "
		250 at 1000 rate.

The Harms' Park Floral Co., Bertraw Av., CHICAGO.

Mention The Review when you write.

FOR SALE!

FINE FIELD-GROWN CARNATIONS

Crocker, Scott and White Cloud that are extra fine, at \$5.00 per 100. Cash with order. Address

J. L. WYLAND, De Haven, Pa.

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THRIFTY FIELD.....CARNATIONS

WITH PLENTY OF ROOTS

READY NOW All the best varieties. Write for prices.

GEO. HANCOCK & SON,
Grand Haven, Mich.

Mention The Review when you write.

20,000 Field-Grown..Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching.

Flora Hill, Melba, Crocker, G. Lord, B. Lipincott, America, Graue, Macao, Bradford and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.

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GREENHOUSE BUILDING,
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

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MARQUIS

Size Fair to Large,
\$5.00 per 100,
\$30.00 per 1000.

CHICAGO CARNATION CO.
JOLIET, ILL.

Mention The Review when you write.

CARNATIONS....

FIELD PLANTS. Speak Quick if you want them.

Genevieve Lord, the best pink, strong, 1st size, \$8.00 per 100, \$70.00 per 1000; 2d size, \$5.00 per 100, \$45.00 per 1000.

Chrysanthemum Stock Plants, write for varieties and prices.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Carnations..

We have left 200 Jubilee, 1000 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100. 1000 New York and 250 Scott at \$5.00 per 100.

VIOLETS—500 Swanley White and Lady Campbell, from 2 1/4 inch pots, at \$2.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.



LORRAINE BEGONIAS

....We Offer in Prime Condition

BEGONIA GLOIRE de LORRAINE.		BEGONIA PINK GLOIRE de LORRAINE	
2-inch pots.....	\$15.00 per 100	2-inch pots.....	\$15.00 per 100
5 ".....	50.00 " "	3 ".....	25.00 " "
6 ".....	75.00 " "	6 ".....	75.00 " "
BEGONIA GLOIRE de LORRAINE "ERECTA COMPACTA."			
2-inch pots.....	\$15.00 per 100	3-inch pots.....	\$25.00 per 100
6-inch pots.....		\$75.00 per 100	

This special offer is made to reduce our stock to a certain limit of space which we can devote to this plant, and will be withdrawn as soon as reduced to this limit. Without a doubt, the demand for this, the most important and valuable of all winter flowering plants, will this season again be far in excess of the supplies now in sight.

While all the Lorraine Begonias are difficult plants to handle during the spring months, we know of no other soft wooded plant which grows so freely at this season of the year, and with the most ordinary facilities you will have no difficulty in successfully growing now, and flowering it at a handsome margin of profit for the holidays.

To give best results, the larger sizes, above three-inch, must be shipped in pots.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

Queen Louise Carnation.

Being sold out of field-grown plants of this grand variety we are now booking orders for rooted cuttings for early delivery.

Price \$5.00 per 100; \$45.00 per 1000

VERBENAS

We have increased our facilities and hope to fill all orders promptly this season.

20,000 rooted cuttings now ready of our sixty finest varieties.

Price \$2.50 per 100; \$20.00 per 1000

J. L. DILLON,
BLOOMSBURG, PA.

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BOSTON FERNS.

A fine lot of Good Bushy Plants in all sizes.

We are crowded for room and must sell some. Write us for prices and samples. Both will please you.

J. F. WILCOX,

521 Broadway, COUNCIL BLUFFS, IOWA.
Mention The Review when you write.

XXX SEEDS

PANSY—FINEST GIANTS. Critically selected; 4000 seeds, \$1.00; half pkt., 50c.
CYCLAMEN GIGANTEUM. Giant flowering, mixed; 200 seeds, \$1.00; half pkt., 50c.
CHINESE PRIMROSE. Finest grown, 15 vars. mixed; 500 seeds, \$1.00; half pkt., 50c.
CINERARIA. Finest dwarf. 1000 seeds, 50c.
JOHN F. RUPP, - - - Shiremanstown, Pa.
 The Home of Primroses.

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Cheap to Close Out.

AMERICA, TRIUMPH, CRANE, MARQUIS, SPORT,
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WHOLESALE BULB GROWERS,
PETERSBURG, VA.

SPECIAL OFFER OF

Narcissus and Daffodil Bulbs

Before Replanting.

All best forcing stuff. Paper White (Totus Albus Grandiflorus). Emperor. St. Watkin. Golden Spur. Barri Conspicuus. Empress. Double Von Sion.

Lowest Prices quoted on application.

Mention The Review when you write.

500 Anemone japonica "WHIRLWIND."

Large Field-Grown Clumps.

One of the loveliest of fall flowers, with a quality of distinction all its own.

Fine for herbaceous borders.

Long stems for cutting,
\$2.50 per doz., \$18.00 per 100.

WM. B. SANDS,
Lake Roland, BALTIMORE, MD.

Strong Field-Grown CARNATION PLANTS.
Armazindy, Bradt, White Cloud and Evanston, \$4 per 100; \$35 per 1000. Stock in extra fine shape.
POEHLMANN BROS. COMPANY, Morton Grove, Cook Co., Ill.

Have a Look.

GERANIUMS:		Per 100
Silver Leaf, 2 1/2-inch.....		\$4.00
Mrs. Pollock, 2 1/2-inch.....		4.00
Happy Thought, 2 1/2-inch.....		4.00
Mars, 3 1/2-inch, bloom.....		4.00
Mars, 2 1/2-inch, bloom.....		2.00
Mrs. Parker, 2 1/2-inch.....		6.00
Rooted Cuttings, standard varieties.....	1.75	
	per 1000, \$15.00.	
Violets, 8-inch.....	4.00	
Forget-Me-Not, "Winter," 2 1/2-inch.....	3.00	
Cinerarias, fine plants.....	\$4.00 and 5.00	
Dracena, 2 1/2-inch.....	5.00	
Alyssum Double Giant, 2-inch.....	3.00	
Var. Stevia, 2-inch.....	2.00	
Coleus Verschaffeltii, 2-inch.....	2.00	
Vinca Var., R. Cuttings, per 1000, \$10.00.....	1.25	
Fuchsia, named, R. Cuttings.....	1.50	
Lemon Verbena.....	1.50	
Begonia Rex.....	2.00	
Vinca, 2 1/2-inch.....	\$2.00 and 2.50	
Jerusalem Cherry, 4, 5 and 6-inch.....	\$10.00 to 25.00	
Abutilon Savitzki, R. Cuttings.....	2.00	
Fuchsias, 2 1/2-inch, named.....	4.00	
La France Violets, 4-inch.....	6.00	
Heliotrope, 3-inch.....	6.00	
Aspidistra, variegated and green.....	6.00	

Terms Cash or C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.
Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

American Bulb Co.	420
American Rose Co.	441
Amling, E. C.	656
Ball, C. D.	653
Ball, Lemuel	656
Barnard, W. W. & Co.	641
Bassett & Washburn	656
Bayersdorfer & Co.	642
Beckert, W. C.	657
Bentley & Co.	656
Berkman Co., P. J.	653
Berger, H. H. & Co.	642
Berling, H. G.	656
Bertermann, W. G.	657
Sec'y	650
Brinkerhoff & Barnett Engraving Co.	670
Buckley Plant Co.	656
Budlong, J. A.	656
Burpee, W. Atlee & Co.	697
Caldwell The Woodsman Co.	657
Chicago Garman Co.	653
Cincinnati	658
Cincinnati Cut Flower Co.	656
Classified Ads.	658
Cottage Gardens.	654
Crab & Hanter	658
Crowl Fern Co.	653
Cunningham, Jos. H.	653
Dietrich, A. & Co.	671
Diller, Caskey & Co.	670
Ellis, E. L.	653
Dorner, F. & Sons Co.	658
Dreer, H. A.	654-666-669
673	
Dutton, Chas. S.	654
Ehret, Fred	653
Ellis, E. L.	658
Euler, John G. Sec'y	657
Garland, Frank	652
Garland, Geo. M.	673
Geller, Sigmund	642
Giblin & Co.	672
Greece & Underhill	660
Gullett, W. H. & Sons	691
Hall, W. E.	698
Rammond, Benj.	671
Harris, Geo. & Son	653
Harns Park Floral Co.	658
Hessard, Job.	660
Hetas, J. B.	692
Herrmann, A.	642
Hill Co., E. G.	662
Hippard, E.	671
Hitchings & Co.	672
Holton & Hunkel Co.	668-670-672
Hunt, E. H.	656
Iros Bros.	663
Johanna & Stolte	653
Kastner, W. F.	641
Kellogg, Geo. M.	657
Kilncoat Bros. Co.	657
Kentucky Tobacco Product Co.	671
Kroeschell Bros. Co.	672

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



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FLORIST POTS
JERSEY CITY LONG ISLAND CITY
PHILADELPHIA

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U. OTTER THYERSON,
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Will Protect Plants from Freezing in the coldest weather at a cost of one-half cent per hour.
No Danger of Fire. No Gases to Injure Plants.
No Odor. No Smoke. No Dirt.

Over 150,000 in actual use every winter by Florists, etc.

Send for Descriptive Circular and Price List to-day.

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MANUFACTURERS, General Western Sales Agent,
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See That Ledge.

Pat. Sept. 18, 1900.



THE JENNINGS IMPROVED
IRON GUTTER.

...USE OUR...

Patent Iron Bench Fittings and Roof Supports,
Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS. DILLER, CASKEY & CO., Successors to JENNINGS BROS., S. W. Cor. 6th and Berks Sts., PHILADELPHIA, PA.

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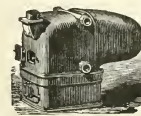
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The Model Plant Stake Co., of 226 No. 9th St., Brooklyn, N. Y., has removed to **430 Kent Ave.,** Brooklyn, N. Y., and is **NOW** The Parker-Bruen Mfg. Co.

The Model Extension Carnation Support.

Galvanized Steel Rose Stakes.

Pol Hangers, Plant Stakes and Tomato Supports.



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Feb. 18, '97.

MR. THERON PARKER,
BROOKLYN, N. Y.
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Yours truly,
DAILLEDOUZE BROS.

W. HOGOKEN, N. J.,
Feb. 18, '97.

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BROOKLYN, N. Y.
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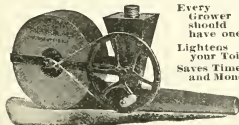
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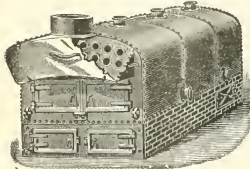


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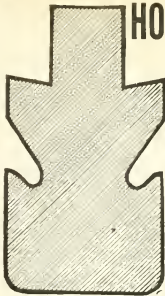
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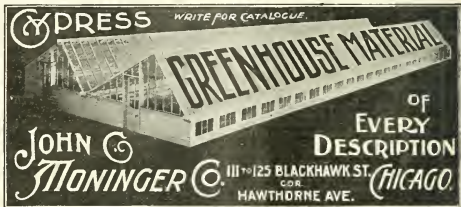
Greenhouse Catalogue, also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, OCTOBER 31, 1901.

No. 205

\$ ASPIDISTRA! \$

Pot-grown plants, the green and variegated leaves. Have bought a large stock of both. Leaves measuring from 20 to 30 inches, **in perfect condition.**

Write for prices on the above, as well as all other bulbs, roots and plants.

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NARCISSUS

Von Sion, \$1.50 a 100; \$14.00 a 1000

Trumpet Major, \$1.00 a 100; \$8.75 a 1000

Princes or Ajax, 85c a 100; \$7.75 a 1000

All are fine large Bulbs. TRY THEM.

Deal with us once you will deal with us always. Send for complete Wholesale Bulb Catalogue.

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ROSES, CARNATIONS
And all kinds of Season-
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481 Washington St. BUFFALO, N. Y.

Open from 7:30 a. m. to 6:30 p. m.



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AZALEAS Now Ready.

FINELY FORMED PLANTS.
WELL SET WITH BUDS.

LARGE SPECIMENS
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We have all LEADING VARIETIES in these sizes:—10 to 12,
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FOR THE
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Stock Plants. True to Name.

Timothy Eaton, Mary Hill, Goldmine,
Malcolm Lamond, 35c each.
Col. Appleton, Primo, Mrs. E. D. Smith, 20c each.
Lady Harriett, R. H. Pearson, 15c each.
White Fitzwygram, White Robinson.
Yellow Fitzwygram, Yellow Robinson.
Jerome Jones, Bonafon.
Basset, Western King.
Chadwick, Mayflower.
Autumn Glory, Lucie Faure.
10c each; \$1.00 per doz.
Bergmann, Fee du Champsaur, Ivory, Daisko,
Glory Pacific, 7c each; 75c per doz.
Cash or C. O. D.

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Florists' Calendar -- NOVEMBER.

NARCISSUS— 12 100 1000
Trumpet Major, extra large..... \$.15 \$.50 \$ 5.50
Von Sieg, Mammoth oblie. nose .50 1.75 16.00
Giant Princeps..... .15 .35 6.50
Stella Incomparable..... .15 .50 5.00
Mixed Single or Dble., choic-
est sorts..... .15 .75 6.60
Mixed Trumpets, superline..... .15 1.00 7.00

HYACINTHS, Blue French Bo-
mal..... .25 1.50 14.00
Dutch, extra 1st size, named..... .25 6.00
Dutch Mixed, separate colors..... .50 3.50 32.00
Dutch Roman or Miniature,
named..... .40 2.50 24.00
Jonquil Rugulosis, great
force..... .10 .50 5.00

TULIPS, finest named sorts, 10 per cent. of
catalogue prices as long as stock lasts. Write
for quotations on large lots. Cottage Maid,
D. de Farme, Chrysopea, D. v. Theol., Kos-
mundi, Pottebakker, K. Kroon, La Candeur,
Imp. Rubrum, Mon. Tresor, Parrots, Greizi,
etc.

Lil. Longiflorum, Japan grown, 12 100 1000
5X1..... \$.40 \$ 2.00 \$ 17.00
8X3..... .50 3.00 25.00
13X9..... .60 4.50 35.00

Early Longfil. Multiflorum,
5X1..... .50 3.00
Two weeks earlier, profuse
bloomer, 7X9..... .75 5.60 45.00
Lil. Auratum, Lil. Rubrum, Albom, ready,
in 5x3, 9x11, 11x12 inch sizes.
Calla Richarda, Spotted Calla, extra strong
bulbs, 12 for 50c; per 100, \$3.00.
Very fine flowering bulbs, 12 for 40c; 100, \$2.60.
Freesia Lechlii, golden yellow, beautiful, per
100, 50c; per 1000, \$7.50.

SEEDS. FRESH CROP KENTIA Seed,
every seed germinative, per 100,
50c; per 1000, \$4.00. Asp. Sprengeri, fresh crop,
per 100, 35c; per 1000, \$2.00. Cyclamen Persi-
cum Giganteum, in separate colors or mixed,
per 100, 60c; per 1000, \$5.00. Saxifrag Seed, per
100, 20c; per 1000, \$1.50.
VALLEY—Lily of Valley, ready by 20th. Em-
press brand, the finest out, per 100, \$1.50; per
1000, \$12.00; cases 2,000, \$7.50. Very fine stock,
per 100, \$1.25; per 1000, \$10.00; cases, 2,500, \$22.50
Send for our New Fall Catalogue.

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Seasonable Stock.

We wish to call your attention to the follow-
ing low prices. The stock is in fine condition
and must be sold to make room.

Adiantum Capillus Veneris Imbricatum, 2 1/2-
inch pots, \$3.00 per 100; 3-inch pots, \$5.00 per 100.
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inch pots, \$2.50 per 100.
Begonia Rex, named varieties, 2 1/2-
inch pots, \$1.00 per 100.
Carex Japonicus Variegata, 2 1/2-
inch pots, \$2.50 per 100.
Cyperus Alternifolius, extra strong, 3-
inch pots, \$5.00 per 100.
Nephrolepis Cordifolia, 3-
inch pots, \$3.00 per 100.
Nephrolepis Davalloides Furcans (Crested
Fern), 6-inch pans, 50c each, \$5.00 per doz.
Primula (Forbesii or Baby), in bloom, 2 1/2-
inch pots, \$2.00 per 100.
Violets, Princess of Wales, field grown, \$3.00 per
100. California, field grown, \$4.00 per 100. The
above Violets are in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

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High Class Bulbs and Flower
Seeds for Florists has been
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who has not received a copy
is invited to send for it now.
We are the oldest Bulb im-
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**BOSTON
FERNS.**

A Fine Lot of Good
Bushy Plants in All Sizes.

We are crowded for room and must
sell some. Write us for prices and
samples. Both will please you.

PANSY PLANTS, Best Strain,
\$4.00 per 1000.

J. F. WILCOX,

521 Broadway, COUNCIL BLUFFS, IOWA.

ORCHIDS..

Our stock of Orchids this fall is unsurpassed in
quality and price. A number of varieties are
new in sheath or spike.

WRITE FOR PRICES.

Lager & Hurrell, Growers and
Importers, Summit, N. J.

FALL EXHIBITIONS.

- Nov. 5-6—MADISON, N. J.—Morris County Gardeners and Florists' Society. C. H. Atkins, Sec'y, Madison, N. J.
- Nov. 5-7—NEWPORT, R. I.—Newport Hort. Society. A. Melkie, Sec'y.
- Nov. 7—TARRYTOWN, N. Y.—Tarrytown Hort. Society. Thos. Cockburn, Sec'y, Irvington, N. Y.
- Nov. 5-9—CHICAGO—Hort. Society of Chicago. Edwin A. Kason, Ass't. Sec'y, 590 Cottage Grove avenue.
- Nov. 5-9—INDIANAPOLIS—Indiana Floral Festival. Bertermann, Sec'y, 241 Massachusetts avenue.
- Nov. 6-8—POUGHKEEPSIE, N. Y.—Dutchess County Hort. Society. G. Gomersall, Sec'y, Fishkill-on-Hudson, N. Y.
- Nov. 7-9—CHESTNUT HILL, PA.—Chestnut Hill Hort. Society. John Marsden, Sec'y.
- Nov. 8—LAWRENCE, N. Y.—Lawrence-Cedarhurst Hort. Society. Alex. McConzie, Sec'y.
- Nov. 9—CINCINNATI, O.—Cincinnati Florists' Society. F. W. Ball, Sec'y, 416 Walnut street.
- Nov. 7-9—BOSTON—Mass. Hort. Society. Rob't Manning, Sec'y, Horticultural Hall.
- Nov. 12—ORANGE, N. J.—New Jersey Floricultural Society. Geo. Smith, Sec'y, Orange, N. J.
- Nov. 12-13—ELMHRA, N. Y.—Elmhra Hort. Society. H. N. Hudson, Sec'y, Elmhra, N. Y.
- Nov. 12-15—BALTIMORE—Baltimore Gardeners' Club. J. J. Perry, Sec'y, Gay and Eager sts.
- Nov. 12-16—PHILADELPHIA—Pennsylvania Hort. Society. David Rust, Sec'y, Hort. Hall, Broad street.
- Nov. 12-16—WACO, TEX.—Texas State Floral Society. J. W. Barnett, Sec'y, Waco, Tex.
- Nov. 13-14—HOUSTON, TEX.—Faith Home Ass'n. Mrs. M. E. Ryan, Sec'y.
- Nov. 13-15—ST. LOUIS—St. Louis Florists' Club. E. Schray, Sec'y, 401 Pennsylvania avenue.
- Nov. 14-15—MARSHALL, TEX.—East Texas Florist Ass'n. F. S. Riggs, Sec'y, Marshall, Tex.
- Nov. 12-16—DETROIT, MICH.—Detroit Florists' Club. J. F. Sullivan, Sec'y, 214 Woodward avenue.
- Nov. 13-16—TORONTO, ONT.—Toronto Gardeners and Florists' Ass'n. W. C. Jay, Sec'y, 428 Spadina avenue.
- Nov. 14-16—NEW ORLEANS—New Orleans Hort. Society. D. Newsham, Sec'y.
- Nov. 15-16—PROVIDENCE, R. I.—Rhode Island Hort. Society. C. W. Smith, Sec'y, 61 Westminster street.
- Nov. 18-23—KANSAS CITY, MO.—Convention Hall. F. J. Taggart, Director. John Thorpe, sup'l.
- Nov. ——UTICA, N. Y.—Utica Florists' Club.

[Secretaries are requested to supply any omissions in above list and to notify us of any needed changes.]

CARNATION NOTES.

Diseases.

I have never had carnations to act in the manner described by Mr. H. J. G. and I am unable to state with any certainty just what the trouble or the cause of it could be. Perhaps if I had a diseased specimen before me and a record of the treatment the plants have received I could tell more about it. It is quite evident, however, that part of the trouble is simply a case of stem-rot. Although this disease most commonly attacks the stem at the base of the plants its operations are by no means confined to that part of the plant. You will often find that certain stems and the foliage thereon are so constructed that they will hold considerable water at each joint and that after each syringing those places are filled with water, which remains there until it evaporates. If syringing is too frequent these places are wet constantly and often stem-rot results, causing the top to die off. It more frequently attacks the branches down close to the main stem, though, because the growth is more dense and cannot dry out so well there as it can up higher.

We find that when a plant once begins to die off that way it may just as well be pulled up at once and burned, as the balance of the branches will die off one after the other. The proper thing to do in that case is to burn the affected plants, discontinue syringing for a time, water sparingly at the roots and when

you do water run the end of the hose between the rows close to the soil, dust the plants with lime and give all the air you can at all times.

I cannot account for the turning yellow of the tips unless it is caused by greenfly or thrips. Either of these if allowed to multiply will cause the tips to come yellow and deformed. This turning yellow is also aggravated by too liberal a supply of water at the roots or by excessive feeding at a time when the plants are in poor condition to even take up a normal supply of food and water. They get a sour stomach, so to speak. Run them a little on the dry side and fumigate every other night for two or three weeks to rid them of aphid or thrips, as the case may be. Would also advise cutting off all the badly affected shoots, as they will produce no decent blooms, and allow the plants to make a new growth, which will be healthy if fumigating is kept up regularly and the watering is done carefully. It is very early in the season and they can be gotten into full bloom again by January, and if they are not badly affected a Xmas crop can perhaps be had.

New Varieties.

Already there are some varieties being advertised for dissemination next spring and of course each one is the best that

ing a very good plan we find is to notice what varieties are exhibited in good shape at the fall shows and then keep sharp lookout for reports on those varieties all through the season. In that way you can at least learn whether a variety is an early and continuous bloomer. For instance, if a variety is shown in good shape at the fall shows and then again at the February meeting of the Carnation Society you may depend on that variety being a money maker and you are safe in investing your money. We avoid as much as possible those varieties that are not heard from at all until mid-winter unless the blooms are extra fine.

The fall shows are being held right along now and nothing will pay you better than to take in one or more of them. You can afford to go several hundred miles for the sake of gaining information which you cannot obtain in any other way. You will not only see new carnations and old ones, but you will see many other beautiful blossoms which will make you forget for the time being all about rust and stem rot and all your other troubles at home. If you do attend any of these shows try and take along something good of your production to show what you can do and that you are alive and doing something. A grower always respects another grow-



Display of Orchids by Lager & Hurrell at the New York Show.

has ever been offered, so they claim. The disseminators in most cases are honest and conscientious men and they really believe their varieties to be just what they claim for them, and in fact most every variety that is sent out gives promise of a great future while it is growing on the originator's place. But in spite of all that and the fact that we are willing to accept the originator's statements as correct, yet we want to satisfy ourselves by having a look at the plant and bloom before we invest heavily. When we cannot make a journey to the homes of the candidates in order to see them grow-

er who can do a few things just a little better than he can. It does not need to be a mum or a carnation or a rose but any kind of a well done plant or bloom is always gladly received and given a good position on the exhibition table. If you have a carnation seedling I hope you have been wise enough to get it into good shape for exhibition this fall and you should show it now to show its earliness.

Packing Blooms.

Don't spoil a lot of good blooms by careless packing, as one often sees, but

pack them so that each bloom will come out of the box as fresh as it went into it. The best way we have found is to pack in layers and lay each row of blooms on a pillow about $\frac{1}{2}$ of an inch thick, placing the pillow, which is made by rolling up a sheet of paper, just beneath the calyx. Pack only one layer in each box, unless you can put in a false bottom and cleat them so that no bloom can move around and work loose. Place plenty of damp tissue paper between the stems, but do not sprinkle water on the blooms, as that takes the lustre off of them. The bloom should be cut and the stems stood in water at least 12 hours before packing and in many cases it is better to allow the blooms to develop their size in the cellar instead of on the plants at this time of the year.

Cutting.

Some of the pink and red varieties fade quite badly before the blooms attain their full size in this warm sunshine of early November, and these

best growing season. If sales are good at this season the temptation is strong to take another crop from the plants before throwing them out, but it is more profitable to plant a house for summer blooming than to curtail the growing season of the winter bloomers. Young stock also is sure to suffer considerably by standing in the pots during the hot weather, however carefully they may be attended to.

The soil being now in fit condition to be placed on the benches, the benches, if old, should be thoroughly cleansed by playing the hose on them with sufficient force to remove all old soil from joints and cracks, and given a good coating of hot lime wash; this, while acting as a good preservative, also destroys insects and their eggs. Some growers recommend mixing sulphur with the wash to prevent fungoid growth. Whether there is any efficacy in this I do not know, but the experiment is cheap and quite harmless to the plants.

The spaces left in the bottom of the

it through the soil, as the act of planting leaves as much around the ball as is needful, and the subsequent stirring of the surface and watering will carry the rest of it deep enough into the soil for the young roots to find. The bone should be specially prepared for greenhouse work, and not the coarser kind used by farmers, which is in many of the cheaper kinds cut with acids. It is also better to have the bone in stock some time before using, giving deleterious gases time to escape. In planting the ball should be disturbed as little as possible, simply rubbing off a little of the old surface, and plant no deeper than just sufficient to cover the ball. This will leave a little depression around the plant, which should be left in that way till the bench requires stirring. Water each plant carefully and slowly, only around the ball, and continue this individual watering for the first ten days after planting; syringe twice every bright day, but never so late in the afternoon that the plants will not have time to dry before night. There is no necessity of shading young stock that has been properly handled, however hot the weather may be. Careful and judicious watering and syringing, with all the air they can get being all that is needful. If cared for properly they will start into growth at once and make quite a growth in the first ten days.

BRIDES.

PACKING AND DELIVERY OF PLANTS.

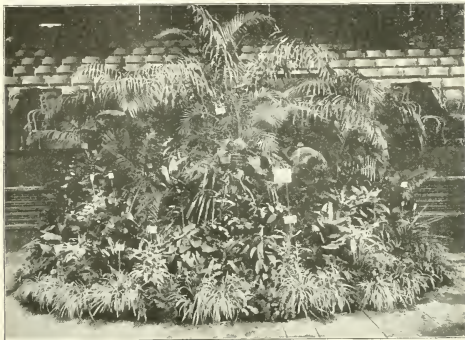
Faulty packing has been the subject of various comments by correspondents of THE REVIEW, and the lapses of shippers have been criticized more or less caustically, and doubtless this has not been done without reason.

Such mistakes as that of using an extremely heavy box, the freight or express charges on which may nearly amount to the original cost of the order, are sometimes made even by large shippers, and especially so where the custom prevails of using any old box, instead of adapting the package to the order. This practice is a prolific source of extra costs and aggravation to the consignee, and certainly may be avoided in very many instances, and it is a much more business-like method to adopt some regular system of having cases made for the purpose.

But the lumber bill on account of packing cases is no small item to the shipping florist, and the customs of the trade in our country do not at present allow of any charge being made for cases and packing, such as is looked upon as perfectly proper among the European trade, and also among nurserymen in our own country.

The shipping of plants in pots also makes some addition to the expenses of the shipper from the fact that a much greater area of box space is required and also a greater quantity of packing material. During warm weather the cost of packing is naturally much less than it is in winter, for at the latter season all boxes must be made as nearly airtight as possible, and also carefully lined with many thicknesses of paper or with one or two layers of felt paper, such as builders use for lining, and in addition to this a good layer of excelsior is placed all around the plants.

This extra material with the extra time that is occupied in doing the job brings up the cost of winter packing of tender plants to nearly 10 per cent



Group of Palms and Foliage Plants by Wm. Duckham, Gardener to D. Wiltis James, at the New York Show.

should be cut as soon as all the petals are unfolded and put in a cellar where the temperature is between 45 and 50 degrees, where they will keep growing for a week or more. Remember, too, that you should show them when they are at their very best. Last year at one of the shows I saw two vases of red carnations; the one lot was just about as large and fine as those blooms were ever to be while the other lot was evidently picked about a day before the exhibition and of course the first mentioned lot won. I saw both lots the next day and when I saw about one-half of the prize winners asleep I had learnt a lesson. It makes no difference how fine they were or will be, but you want them to be their very finest when the judge is at work. A. F. J. BARR.

ROSES.

Planting.

To secure the best results planting should be commenced in May and be all finished by the middle of June, thus giving the young stock the full benefit of the

bench for drainage ought to be covered over to prevent the soil from running through. Thin sods, or, what is better, wheat or rye straw, spread on the bottom, will answer the purpose. Spread the soil evenly, keeping the rougher parts near the bottom; fill the bench flush, then mark off along the sideboard the distances the lines are to be apart, allowing for Brides, Meteors and varieties of about the same growth one square foot to each plant. Beauties will require one and one-half feet. To give each plant an equal amount of space and light they should be planted so that the lines will run either diagonally across the bench or staggering; this also facilitates staking, syringing, etc.

If bone is to be used as a fertilizer now is the time to begin it. To get the immediate benefit the bone ought to be cut fine. To some soils it is absolutely necessary, and, in fact, all soils are benefited by its use. Twenty pounds to a bench 100x44 feet seems to be about the requisite amount to use at this time. Spread it evenly on the surface and proceed to plant. There is no need to stir



General View of the New York Show.

of the wholesale value of the plants, so it will be readily seen that this is a subject of considerable interest to the man who does a large shipping business.

The average freight-handler does not display much respect for packages, whether they contain malleable iron fittings or plants, and it therefore becomes necessary to make packing cases strong enough to bear rough handling, and with this in view the greater number of plant cases are made of either half-inch or five-eighths-inch yellow pine lumber for the sides, top and bottom, and either three-quarter or one-inch lumber for the ends, lumber of this kind being perhaps the strongest for the purpose among the cheaper woods.

In some localities poplar boards may be had for a very low price, and is a much lighter wood for box-making, but has the fault of twisting or warping badly as it dries out, and does not furnish as good a hold for the nails as the pine. But in making the boxes one should use enough judgment to have the box of the right size for the lot to be packed, else the receiver of the goods is likely to show some righteous indignation on having to pay large freight charges on a half-filled box.

Another matter that may be worthy of consideration in our box-making is the fact that extra heavy packages are liable to be more roughly handled than those of moderate weight, and consequently, it is better to avoid as far as possible making cases that will weigh more than 400 pounds each when filled with plants.

The use of excelsior as a packing material has been already hinted at in these notes, and while its use is probably more general now than that of any other material for this purpose, yet it may be well to remark some of the reasons for this fact.

In the first place, excelsior is a clean material to use about our plants; in the second place, it is a good non-conductor;

thirdly, it is not given to heating in the box, as does hay, when exposed to the moisture from the plants, and, finally, excelsior is readily procurable at a moderate price, say, about \$13 to \$15 per ton in single ton lots, and somewhat less than this in carload lots.

And another general remark in regard to the packing of plants is to pack them tightly in the boxes and to fasten them in place securely by means of cleats, so that when the box is dropped down on end suddenly there may be no disturbance of its contents.

The question of injury to stock in transit is one that comes up occasionally in the experience of every extensive shipper, and among the possible dangers are the rats that abound in many freight warehouses and on various steamship lines, some recent instances of injury of this character having been reported among some of the exhibitors at the Buffalo convention of the S. A. F.

This is rather a difficult matter to deal with during warm weather, from the fact that it is absolutely needful to give the plants as much ventilation as possible then, and in winter there is much less complaint from this cause on account of the boxes being nailed up tightly. But it is certainly safer in the case of a long-distance shipment in warm weather to fasten some screen wire over the openings in the boxes, in order to discourage the visits of rats and mice.

Of course, it is assumed by many people that a common carrier has some liability for goods in transit, though it sometimes seems as though this idea might be classed among popular fallacies when we note the results in the case of many efforts to collect damages from railroad and steamboat companies for plants damaged in transit.

The dislike of many buyers to having their plants turned out of pots for shipment may be readily understood when

we take into consideration the many patterns of pots that are in use in various parts of the country, and the consequent difficulty of re-potting without using a larger size; and, in addition to this, there are many of the retail dealers who have not all the facilities for re-potting, or even space that may be conveniently used for such purpose. There have been in the past many slipshod methods in vogue in our business, but improvements are constantly being made in the packing and delivery of plants, not only in regard to shipments sent to a distance, but also in home deliveries, for example, in sending plants from the grower to the various retail dealers in his own home city.

The elaborate delivery wagons are not all in the hands of the dealers, though up to the present time the writer does not know of any liveried drivers in charge of the wagons of growers, a clean pair of overalls being, perhaps, the nearest approach in the matter of dress so far. But, possibly, the humble grower may rise even to that height sometime in the future. In the meantime he is paying much more attention to various details connected with the proper delivery of his stock. Plants that need tying are carefully staked, and not with a section of pine board split off with a hatchet, but with neat cane stakes, or else the painted article.

Decayed leaves are all removed, and pots are scrubbed clean, and the last is by no means the least improvement that is noted, for though the plant may be intended to be placed in a jardiniere, yet that is no sufficient reason for a filthy pot, that detracts several points from its selling value and makes it an unpleasant object for the prospective buyer to touch.

It takes some little time and labor to scrub the pots of a wagon-load of plants, but still there is a good deal of satisfaction in the appearance of such a lot

and also in the fact that you are placing in the hands of the dealer stock that is really saleable and that is likely to encourage another order in the near future.

W. H. TAPLIN.

CHRYSANTHEMUMS.

The finest chrysanthemum on our benches now, that is fully ready for market, is R. Hooper Pearson. It is a finely formed incurving variety of a delicious golden yellow color. The foliage perfect, down to the bench, with leaves deeply cut. Nearly all are perfect flowers and reach full development about the same. First flowers cut Oct. 25, last will be cut Oct. 30. Wholesale price, \$4 per dozen.

Mrs. E. D. Smith, while promising fine flowers, is now showing a tendency to decay, if any dampness is present.

for two weeks. Its only fault is that it is too common, and does not sell as well as its size, form and color would seem to indicate, as the best wholesale at \$3 per dozen. The most forward of Ivory and Dalskov are now ready. While they are small compared with the newer ones, the delightful form and pure color keep them still for the best ones and they bring the highest market price for their class. The best wholesale at \$2 per dozen.

M. S. VESEY.

Fort Wayne, Ind.

CHRYSANTHEMUM OPAH.

We present herewith an engraving from a photograph taken October 7th of this new early chrysanthemum that originated with Messrs. N. Smith & Son, Adrian, Mich.

It is a cross between Lady Fitzg-

man, care John Welsh, manager Boston Flower Market, Park street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Co., 26th street and 6th avenue; James W. Withers, C. Albert Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; Geo. Stollery, E. Sunderbruch.

Cincinnati, O.—Albert Weinbruch, chairman, care Cincinnati Cut Flower Co., 416 Walnut street; James Allen, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season before or after dates fixed can have the same passed upon by specially notifying the chairman of committees.

EDWIN LONSDALE, Secretary.

Wyndmoor, Chestnut Hill, Pa.

Revised Scales of the Chrysanthemum Society of America.

Scale A.—Scale of points for bush plants and standards, single specimen or any number up to six in an exhibition where the class under consideration does not form the chief feature in the exhibition hall:

Equality of size and form of plants..	40
Excellence of bloom	25
Foliage	25
	100

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall:

Excellence of bloom	40
Equality of size and form of plants..	25
Foliage	25
	100

Scale C.—Scale of points for plants grown to single stem and one bloom. A height of not over three feet is recommended for plants in this class and pots not over 6 inches in diameter.

Excellence of bloom	40
Compact and sturdy growth	25
Foliage	25
	100

Scale D.—Scale of points on specimen blooms for commercial purposes:

Color	25
Form	25
Fullness	15
Size	15
Stem and foliage	10
Substance	10
	100

Scale E.—Scale of points on specimen blooms for exhibition purposes:

Distinctiveness	25
Color	15
Form	15
Size	15
Stem	10
Foliage	10
Fullness	10
	100

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings and sports:

PHILADELPHIA, Oct. 26.—Wm. Paul Binder, Rider, Md., exhibited Mrs. Jack O. Stafford, a reflexed, creamy white variety, which scored 83 points commercial scale. Ernest Schreiber, gardener for Wm. L. Elkins, Esq., Ashbourne, Pa., exhibited Pride of Elstowe, a rose pink, reflexed variety, which scored 88 points



New Early Chrysanthemum Opah.

We are growing Eaton and Appleton. The earliest of each are assuming form. Appleton is certainly the finest mid-season yellow yet offered. A little too late for convenient handling, but its large size and fine stem and rugged qualities indicate it the leader of its color.

Timothy Eaton, may be long survive and each day grow more portly. No flowers are yet developed. The most forward one tonight measures two feet in circumference, 17 inches from tip to tip over the top and 8 inches straight across. Its depth will still increase, but its circumference little if any.

Mrs. Robinson is now in and will be

ram and Marquise de Montemort. The blooms are $5\frac{1}{2}$ inches in diameter, and can be cut as early as October 4. Buds taken early in August give white flowers; those taken after the 20th are bluish white with deeper center.

CHRYSANTHEMUM SOCIETY OF AMERICA.

President Herrington has announced committees to examine chrysanthemum seedlings and sports on dates as follows: Oct. 5, 12, 19, 26, Nov. 2, 9, 16, 23 and 30.

Boston, Mass.—A. H. Fewkes, chair-



Group of Palms and Foliage Plants by Julius Roehrs at the New York Show.

commercial scale, 85 points exhibition scale.

New York, Oct. 26.—Wm. Kleinbein, gardener for P. A. B. Wildner, Esq., Ogontz, Pa., exhibited The Josephine, bright yellow, Japanese, incurved, scoring 87 points commercial scale, "Resembles Robt. Halliday." N. L. Moon, Carbondale, Pa., had on exhibition a bright yellow, incurved, Japanese variety, which scored 82 points.

EDWIN LONSDALE, Secretary.

PROPAGATING CHRYSANTHEMUMS.

The importance of careful selection of the cutting was strongly impressed upon me by an experience two seasons ago. All our stock had the same treatment but some stools that had come from a very careful grower and had been benched with our own produced flowers very much superior to those on our own. And the present season I notice that cuttings that were not up to the standard at planting are the same now and that the largest buds are on the plants that were thriftiest at planting.

My plan is to grow plants in the field in summer, dig and carefully heel in in a well protected cold-frame or cold house until just before the time to start propagating. They are then planted out on a bright sunny bench, or for later work planted outside in April. J. O. E.

MARSHALL, TEX.—The first annual flower show of the East Texas Flower Association will be held in this city November 14 and 15. Mr. Homer Edgar is president and F. S. Riggs is secretary of the association, both of this city. F. W. Beach, of Dallas, will be the judge at the coming exhibition.

WEEDS IN LAWNS.

Will some reader of the REVIEW who has had experience in the matter tell through the REVIEW what is the best method to clear a lawn of chickweed? The lawn was made about fifteen years ago, part shaded and part open to the sun. Reasonable expense no object.

It is mown close with horse machine all the season. I will be glad to take advantage of anything that has a reasonable show of success and will report result. SUBSCRIBER.
Conn.

The best and cheapest plan, in the long run, to eradicate chickweed from a lawn, is to plow and give clean cultivation for one summer; and, seeing that the location is Connecticut, seed down in the latter part of August or beginning of September. There are advantages in the plan—it permits of enriching the lawn, and regrading, if such may be necessary. J. A. PETTIGREW.
Boston.

NYPHAEAS AT THE PAN-AMERICAN.

In referring to nymphaeas in a recent article Mr. Scott inadvertently states that the collection of nymphaeas are my own hybrids. He is aware that I have raised and disseminated several nymphaeas, but not being familiar with these, nor the varieties in our collection at Buffalo, he has sadly mis-stated the facts, as he only mentioned hardy varieties, having omitted altogether the tender ones.

In justice to our late and lamented friend and co-worker, James Brydon, who did so much to improve and popularize these and other flowers, allow me to state that Nymphaeas Wm. Falconer,

Wm. Doogue and Jas. Brydon were raised by him, and the latter is named in his honor.

The following are of French origin: Nymphaeas gloriosa, sulphurea, sulphurea grandiflora, lucida, Robinsoni, Andreana, Aurora, fulva, Laydekeri purpurata, Marliacea chromatella, Marliacea rosea, Marliacea rubra punctata, Marliacea flammae and Marliacea ignea. Honor to whom honor is due.

W. TRICKER.

A LEASE QUESTION.

I am leasing a greenhouse, plant, and finding it small to accommodate growing business and not being able to induce owner to build, I have put up two houses on the property myself.

At the expiration of the lease will I have the right to remove the houses, or part of them, or must I leave it as it stands? O. S. Y.

An answer to the question cannot be given without an inspection of the lease. Some printed forms have a clause requiring that all improvements and additions shall accrue to the lessor.

If the matter is not covered in the lease then the lessee can remove the greenhouses he built providing they are not on brick or stone foundations and are not attached to the original buildings. Your correspondent had better consult his attorney. W. H. B.

OBITUARY.

William G. Storrs.

William G. Storrs, one of Painesville's most prominent and respected citizens and owner of large interests in the Storrs & Harrison Co., of which he was vice-president and general manager, died Tuesday, October 22, at 12:30 o'clock.

Mr. Storrs was held in the highest esteem by all with whom he was associated, and his untimely death is generally deeply regretted. He was sixty-one years old and leaves a wife and four daughters.

Mr. Storrs was born in Courtland county, New York, January 19, 1840. In 1854 he came to Lake County, Ohio, with his brother, the late Horatio Storrs, and his father, Jesse Storrs, who founded the Storrs & Harrison nursery. He was educated in the Painesville high school and spent his early life here assisting his father in the development of the new enterprise.

August 22, 1861, he enlisted in Company G, Second Ohio Cavalry, and served until September 17, 1865, when he was honorably discharged. The early part of his service was in the western army at Fort Scott and at Indian Territory. He returned to Ohio in December, 1862, and recruited through the winter at Columbus. Leaving April 6, 1863, he went to Kentucky and joined the army of the Cumberland, operating through that state until fall, when he went with Burnside to Tennessee, being among the first to occupy Knoxville. Later he engaged with Longstreet's forces in Virginia, suffering many hardships. In April, 1864, he joined the army of the Potomac, and in May was with Grant's army in the battles of the Wilderness, Spotsylvania and Cold Harbor. In August, 1864, Mr. Storrs became blind with crabs, and after much difficulty secured his removal to Cleveland, where he recovered.

Then in December, 1864, he again joined his regiment and continued in the service until the close of the war.

The marriage of Mr. Storrs and Mary E. Post, of Painesville, was celebrated September 2, 1868.

PHILADELPHIA.

The Market.

The chief feature of the market this week is the improvement seen in the quality of chrysanthemums. They are now at their best in yellow, white and pink, with a probability that good reds and fancies will appear in a few days. To show that these choice blooms are appreciated it is only necessary to say that they bring from \$2 to \$2.50 a dozen readily. The finest yellow, Miss Florence Harris, a seedling variety of Wm. K. Harris, is bringing \$3 a dozen and is easily the finest sort coming in at present. L. Hooper Pearson, J. E. Lager, October Sunshine and Mrs. Whilldin are other good yellows.

Various Items.

Independence and the other city squares have given away their summer bedding plants to many eager amateurs, who came in numbers and carried off geraniums and other plants in baskets. The work of cleaning up is nearly finished and the city forester will now plant the bed with bulbs. It may interest our readers to know the varieties and quantities used. All the bulbs furnished are named sorts and of good quality. Here is the list: Dutch Hyacinths—5,500 Gertrude, 1,500 Grand Maitre, 4,500 Alba Superbissima, 2,500 Charles Dickens, 500 Czar Peter. Single Tulips—1,200 La Reine, 6,000 Belle Alliance, 1,200 Keizers-Kroon, and 8,000 Narcissus Von Sion. Three-quarters of these bulbs are used in Independence Square, the remainder elsewhere. The firm of Henry F. Michell has filled this entire order, and also an order from Baltimore for 198,000 bulbs. In Baltimore also only the best named varieties are used, the cheap mixtures being found unsatisfactory.

time with them than in past years. The only point in favor of the above statement is that the centralization of large quantities of cut flowers causes greater depression in times of over-production, such as we naturally have in the fall, as the market grows larger. Of course, as an offset to this, prices in winter are higher than they used to be. Again, poor stock becomes less and less valuable year after year and is undoubtedly grown at a loss. The market is more critical and only good flowers pay; but good stock does pay better than it used to.

The neighborhood of Wilmington, Del., is supplying this market with quantities of fine carnations.

How is your arm?

Did it take?

George D. Clark, of the H. A. Dreer Co., is authority for a curious bulb story. His firm once sold a lot of Murillo tulips which the buyer flowered under glass; they came white and he insisted that they were La Candeur. He planted them outside and the same season they produced a second crop of flowers, this time pink, so he admitted that the variety was Murillo.

Thursday, Friday and Saturday of last week were the three heaviest shipping days in the history of the Dreer place at Riverton. The freight shipping season is nearly over. It is an interesting fact that this firm systematically go over their daily weather reports, marking off each section unsafe for freight shipments as soon as it freezes up.

As an illustration of the appreciation in which good stuff is held, one of the street men paid \$3 for one dozen chrysanthemum Miss Florence Harris this week, and he paid it willingly, too.

A number of prominent persons have visited this great shipping center during the past two weeks, among them Philip Breitmeyer, of Detroit. PULL.

BOSTON.

Trade Conditions.

Chrysanthemums: Plentiful and cheap. Best of them have been selling at \$1 per dozen until very recently, when probably as high as \$2.50 has been realized in a few cases. Early varieties going out and later kinds crowding in close behind.

Roses: Plentiful enough and cheap enough, although nearly all growers are cutting about as few as they expect to at any time during the season. A few best Beauties are worth \$4 per dozen and are nearly three feet long. Smaller red roses continue to be very small indeed, but are good for their size. Extreme pink ones have brought \$1.50 per dozen, but it takes a very good rose of any kind to command half that sum. There is also a grade that sells at only 50 cents per 100. All kinds and colors are now represented in the markets.

Pinks: Just about enough to keep things along. Best Lawsons, 3 cents, and the financial procession of prices has been filled all the way down to 1 cent or less.

Violets: This modest little atom of fragrance has been quite aggressive, selling rather the best of anything lately. Thirty-five, 50 and 75 cents per 100 and quality getting very good.

Candytuft still only a weed. Dahlias still coming in. Old Jack still being very dainty in his touches. Outdoor pansies and other quite hardy blooms quite



Specimen *Latania Borbonica*, Exhibited by A. Herrington at the New York Show.

The best white is Mrs. Henry Robinson, which is superb. Leo Niessen had a great many of this variety on Monday and could have sold many more at \$2.50 a dozen. Ivory, the best commercial white for every-day use, has just come. Willow Brook is another white. In pinks Glory of the Pacific and Pink Ivory are most frequently seen. The medium and poorer grades of chrysanthemums do not sell as well as the fancy blooms; 50 cents to \$1 a dozen will buy this sort of stock anywhere.

The other changes noticed since last week are the very heavy shipments of choice lily of the valley coming in, the prevalence of outdoor flowers due to the long delayed frost and the brisk demand for white carnations, much more popular just now than colored varieties.

The American Rose Co., of Washington, D. C., have offered \$25 in prizes for twenty-five blooms of Golden Gate rose to be shown at the chrysanthemum exhibition of the Pennsylvania Horticultural Society, which opens on November 12. It is probable that the roses entered in this competition will have to be staged at noon on the following day, November 13.

A local writer is authority for the statement drawn from a member of the trade that there is something wrong in the Philadelphia cut flower market. The same person goes on to say that the era of prosperity so noticeable in other lines of business is absent in ours. Several of the leading men in our business were questioned on this point; they all agreed that business was equal or better at this



Group of Orchids by Julius Roehrs at the New York Show.

in evidence. We are evidently a warm community!

Mr. J. Geist takes the prize on first Harrisii lily of the season, one bloom which scores well on all points but stem. But E. N. Pierce & Sons are after him with 55,000 bulbs.

The stockholders of the co-operative market have finished their annual meeting, which was held on the installment plan. The second and last evening was entirely spent in consideration of the report of Messrs. Pierce, Elliott and Mathison, committee on new constitution. This went right along stitch by stitch just like an old lady knitting a mitten. Two stitches only were dropped in the whole fabric as knitted by the committee, which thereby felt much complimented, especially after a delicate vote of thanks had also been carried. The only other point taken up was when the gifted auctioneer of the corporation blithely Carroll-ed forth the oath of office to the newly elected officers. It was not very profane, no florists ever indulging in anything of that kind since Mr. Knapp's arraignment at the banquet, but it is hoped it will have the same general effect on the officials that the old fashioned swearing at might produce.

Of course a man who wields a public pen must wear a skin so thick that nearly all arrows of criticism will glance off into space, but if one whizzes by barbed with the diamond of reason and sent by a man whose mental and moral strength is worth considering, he must hold his ear close enough to hear it sing. Two or three of my chrysanthemum friends tell me I have quoted their wares too low in figures; that they have had some of the later varieties coming in now for some time, for which they have

been getting good fat terms, sometimes as good as \$3 per dozen. Well, we are all glad to learn of their prowess and hope their shadows and those of their goods may never be shorter. It is well, however, for one who is interested in my figures to remember that the REVIEW is published away off in the bounding west and gets around to this part of the geography a week late, by which time a little mental calculation is sometimes necessary.

J. S. MANTER.

NEW YORK.

The Exhibition.

We regret to say the flower show was a financial failure, to what extent cannot be ascertained at this writing. The reasons assigned are various, the fact alone is sufficiently lamentable. The palm, foliage plant, orchid and conifer displays at this show could not be excelled; they were extremely good, so were the carnations for the time of the year, but the display of roses—and we refer to quantity, not quality—would scarcely have represented an American village, and the retailers seemed to have almost unanimously agreed not to do anything but criticize. The chrysanthemums were exceptionally good, what there were of them.

The making of the show seemed to have depended on a few men. Julius Roehrs, W. A. Manda, Lager & Hurrell, C. W. Ward, Howard Nichols, Arthur Herrington, Wm. Duckham, W. H. Waite, Siebrecht & Sons, W. Anderson, Geo. Hale and Bobbink & Atkins are those who made this show, and they deserve the very highest praise for all they did. As to Manager Plumb, if there was anything to criticize about

him it was the over abundance of good nature; he had a hard place to fill and he acquitted himself nobly. Walter Sheridan, James Withers, P. O'Mara, Harry Bunyard, John Young and a few others devoted nearly all their time to the services of the show and members of the club and florists in general should not think lightly of the herculean work they did. We, ourselves, must not forget to mention such men as Charlie Atkins, C. H. Totty, Vincent Fans; we regret we know not the names of the others, but they are the foremen, the men behind the guns, as it were, the actual growers of the flowers and plants shown; they may find some gratification at seeing their pets win, but they deserve recognition and praise.

There is always a thick rind growth of critics at a flower show, and though those who represent the press may be legitimate ones, we have no desire now to say anything except to, for the thousandth time, repeat that flower shows given and arranged from a cultural or trade standpoint will not attract the public. These shows must be more attractively put up and it is a question of either giving the people what they want or going on forever meeting disappointments.

We may have overlooked some name or exhibit in connection with this show; it is difficult and means hard work to cover all. Many a little gem of a plant is hidden and ignored, but it is not the reporters' fault.

Among the visitors in addition to the Philadelphia bowling team mentioned last week there were Robert Craig, William Craig and Walter Mott, of Philadelphia; Phil Breitmeier and J. F. Sullivan, Detroit, Mich.; J. F. Huss, Hartford, Conn.; J. N. Champion, New Haven; James Roland, Nahant, Mass., and many others we unfortunately missed.

There were a few exhibits we must not forget. One was a fine display of pompon chrysanthemums from John N. May, Summit, N. J., and seed and bulb displays from Wm. Elliott & Sons, Clucas & Boddington and Weeber & Don.

Again let us thank the Florists' Club and Messrs. Chamberlain and Bunyard, of the press room, for the photographs and assistance rendered. Following is a list of the awards. Monday was plant day, Wednesday roses and violets, Thursday carnations, Friday made up work, Saturday cut chrysanthemums.

Awards Not Reported Last Week.

Awards in open to all classes—Display of orchids arranged for effect, 1st, Julius Roehrs; 2d, W. A. Manda. Largest and most varied display of orchids, 1st, Lager & Hurrell; 2d, Siebrecht & Son. Six Cattleya labiata, 1st, A. Herrington; 2d, J. Roehrs. Twelve Oncidium varicosum, 1st, A. Herrington. Six ditto, 1st, A. Herrington. Six Dendrobium Phalaenopsis Schroederianum, 1st, Siebrecht & Son; 2d, J. Roehrs. Specimen orchid, 1st, Siebrecht & Son, with a magnificent Oncidium crispum with 78 flowers. Six Dendrobium fornesum, 1st, Julius Roehrs.

Specimen Kentia, 1st, W. A. Manda; 2d, David Clark's Sons. Specimen Areca lutescens, 1st, J. Roehrs; 2d, W. A. Manda. Specimen Latania horborea, 1st, A. Herrington; 2d, Mrs. J. B. Trevor. Specimen other palm, 1st, J. Roehrs; 2d, Clark's Sons. Pair tree ferns, 1st, J. Roehrs; 2d, W. A. Manda.

In roses Louis A. Noe was first on 25 Beauties, Richter & Barton on 12 Beau-

ties; Henry Hentz, Jr., on 25 Bridesmaids and 25 Brides, F. Boulon on 25 Perles and Miss C. Macy on 25 any other variety.

In carnations the Cottage Gardens (C. W. Ward) won firsts on 50 Lawsons, 25 any other color, introduction of 1901 (with Roosevelt), 100 blooms of one variety, seedlings admissible (with Viola Allen, the prettiest and otherwise best striped flower at the show), best display of carnations (with 50 each of Viola Allen, J. Manley, Novelty, Bradt, McGowan, Roosevelt, Gov. Odell, Harry Fenn, Morning Glory and Lawson—a great display), and a silver cup for best display of Gov. Roosevelt. John Reimels won firsts on 50 Gomez, 50 Lord, 50 Scott, 50 any other pink (with Maud Adams) and 50 any other yellow. John H. Taylor was first on 50 Maceo, 50 Prosperity and 50 Bradt, Daillouze Bros. took firsts on 50 any other crimson (with Roosevelt), 50 Mrs. James Dean, 25 white, introduction of 1901 (with Lorna), and 25 pink, introduction of 1901 (with Floriana, which Mr. Ward gave special praise). Peter Fisher, Ellis, Mass., won first for 50 any other striped variety with his very full and large seedling No. 190. F. Boulon was first on 50 Joost.

In the classes for chrysanthemum cut blooms A. Herrington won firsts on 24 blooms in 4 varieties 6 of each (with H. Hurrell, H. Sunderbruch, Nellie Pockett and Robinson), 18 blooms in 3 varieties 6 of each (with Appleton, Hurrell and Robinson), 12 blooms in 4 varieties 3 of each (with Mrs. H. Weeks, O. P. Bassett, Appleton and Soliel d'Octobre), 12 white (with Robinson), 12 yellow

fect Thos. Young, Jr., was first with a fine handle basket containing several hundred Cattleya labiata, the greens used being plants of Adiantum Farleyense. The handle was trimmed with great masses of Oncidium varicosum. Very broad cattleya ribbon was used for embellishment. It was very attractive and in addition to the prize was awarded a certificate of merit.

On dinner table decoration for 12 persons first prize was not awarded. Second was awarded to Bloomingdale Bros., whose table was decorated with Adiantum Farleyense and the new rose Mrs. Oliver Ames, and Mme. de Watteville. It was illuminated by electric fairy lamps. On bridal bouquet H. Hession was first and the Rosary Co. second. Both bouquets were of valley with cluster of Dendrobium formosum, with shower effects in ribbons. On best filled epergne W. Burnham, with Bloomingdale Bros., was first, ferns, etc., being used. For handle basket H. Hession was first with a basket of Meteors and Cusins and a cluster of pink carnations, ribbons to match.

The S. A. F. silver medal was awarded to John N. May for the new rose Mrs. Oliver Ames, and the bronze medal to Daillouze Bros. for the scarlet seedling carnation "G. D. I." The certificate of merit went to Wm. Duckham for Dracena Curtisii. Mr. May's rose attracted much attention and was praised from all. It is a sport from Mrs. Morgan and it is a beautiful delicate pink. It keeps very well and should be very popular.

The Chrysanthemum Society's certificate was awarded to C. W. Kleinheinz,

to A. L. Miller, for Dahlia camelliflora; to W. H. Wood, for collection of dahlias; to F. Boulon, for group of standard violet plants; to H. Beaulieu, for collection of dahlias, cosmos, etc.; to W. Edgar, for tree ferns and cycas; to J. L. Childs for group of Tritoma Pfitzeri; to Siebrecht & Son, for rockwork filled with ferns; to Chas. Lenker, for exhibit of cosmos, dahlias and eulalia.

F. Dressel received a silver medal for a fine group of branching rubbers. Special mention was given Bloomingdale Bros. for a group of cacti.

In the classes for private gardeners only C. J. Maynard, gardener for Geo. Schlegel, was first on table of orchids arranged for effect, and E. A. Parker, gardener to Joseph Milbank, was first on three orchid plants.

In roses, carnations and chrysanthemums the prizes were divided among W. Duckham, gardener to D. W. James; I. L. Powell, gardener to Samuel Thorne; A. Grierson, gardener to H. Arnold; Wm. Scott, gardener to Joseph Eastman; J. Fay, gardener to W. Seward Webb; George Hale, gardener to E. D. Adams; and George Middleton, gardener to W. D. Rockefeller.

In the classes for fruits and vegetables the winners of prizes included Mrs. O. Hoyt, A. Herrington, Wm. Scott, W. H. Waite, F. B. Kelley, William Duckham and J. Cauce.

The Market.

There is very little to record in the general news line. Business is in the half way stage. Mums are pouring into the market. Prices on the various established grades are as follows: Beauties, 30, 20, 15, 8 to 10, 3 to 6, 1; Brides and Maids, 8, 4 to 6, 2, 1; Meteors, 12, 10, 6, 3, 1.50; Victorias, 12, 8, 4, 2, 1; Gates, 6 to 8, 4, 2, 1; Carnots, 8, 4, 2, 1; carnations, 1.50 to 3; violets, 1.25 to 1.50; gardenias, 10 to 20; smilax, 8 to 12.

The flower shows at Madison, N. J., Poughkeepsie and Tarrytown, N. Y., are expected to be exceptionally good this year and growers of novelties should have their pets represented there.

Bowling.

Following are the scores of the first four games rolled Monday night:

Hafner	164	137	159	152
V. van Hoesen	173	196	122	111
C. Ussing	101	120	83	122
Lang	171	151	164	161
Lentz	146	163	139	148
Trendly	170	210	232	149
Burns	153	174	154	153
Siebrecht	119	142	148	146
O'Mara	130	137	152	148
Thielmann	147	165	180	154
Elliott	96	103	154	150
Mansfield	133	130	110	110

J. I. D.

BUFFALO.

Pan-American.

On Saturday at midnight the bugle will sound "lights out" from several parts of the ground and the most wonderful illumination the world has ever seen up to this day will give place to darkness. But the morning light will find again the fairy scene in all its beauty of color and architecture and then a few short hours and destruction will commence. We shall not take a hand in its destruction and are heartily glad of it. For the past twenty months our efforts here have taken our best thoughts and energy and it has not been in vain. Any one who fills the position



Display of Carnations by the Cottage Gardens at the New York Show.

(with H. Sunderbruch), 12 pink, 12 any other color (with Nellie Pockett), 6 white (with Robinson), 6 crimson (with H. J. Jones), 6 any other color (with Mrs. T. Carrington), 50 blooms one variety (with some grand Robinsons), and the Chrysanthemum Society's silver cup for 10 blooms of any one variety with Mrs. H. Robinson, the best ever shown in New York. Wm. Duckham entered with Mrs. J. R. Trainor, the largest blooms ever put up on this continent, but it lost on color. Middleton staged Appleton, as did also Herrington and Anderson. Brennecke and Powell showed Robinsons. They were all grand.

Wm. Duckham was first on 6 each of 6 varieties (with Yellow Carnot, Appleton, Robinson, Mme. Carnot, Mrs. J. B. Trainor and Soliel d'Octobre). Richter & Barton were first on 6 yellow (with Appleton). I. L. Powell was first on 6 pink (with Glory of the Pacific).

On basket of orchids arranged for ef-

Ogontz, Pa., for the variety Josephine, a yellow, which scored 87 points.

J. Fay won the silver medal for 100 double violets, Thos. Devoy & Son second. F. Boulon won first on 100 single blue. The special of \$50 for 600 Marie Louise was won by Stanton Rockefeller, Rhinebeck, N. Y., and he deserves special praise. The special for 25 Beauties was won by A. Farenwald, Hillside, Pa.

Certificates of merit were awarded to Geo. Field, Washington, for best exhibit of cut orchids (a splendid lot of blooms showing exceptional culture, the Vanda carulea being the best seen here this season); to L. Schmutz for large group of fine rubbers; to J. M. Keller, for group of stove and greenhouse plants; to H. A. Dreer, Philadelphia, for a fine group of Clibotium Scheidei; to D. Clark & Sons, for two large Rhipis labelliformis; to Cottage Gardens, for Canna Black Beauty, Begonia Rex and Adiantum Charlotti; to W. H. Brower's Sons, for three plants of Ficus nidus;



Group of Orchids by W. A. Manda at the New York show.

I have, on any position connected with a great exposition, must not expect that it is all smooth sailing. There is sure to be lots of little kinks and friction, but the many kind words that have been received and above all the blossoms that have been the result of your work, has far outweighed all unpleasantness, and nothing but sunny memories of the Pan-Am. will be our inheritance.

These are the last notes, Mr. Editor, that I will have the pleasure of writing from this office and I have little time just now, for breaking up is a serious job and not half as pleasant as installing.

The chrysanthemum show with which we wind up the final week has been a decided success, and based on the only principle that every flower show should be, viz., cash premiums and competitive. A list of the prize winners is enclosed. The finest vase was fifty blooms of "Robert Halliday," the splendid yellow from E. G. Hill & Co. John Rudy, gardener to Hon. J. Sloat Fassett, of Elmira, sent twelve blooms of a grand yellow which he calls "Moon's Seedling."

Grove P. Rawson helped us out finely. His white "Egandale" is a beautiful flower, but his great attraction was a plaque about 8x6 feet. The groundwork was green moss, on which was a yellow vase in flowers and springing from it a beautiful lot of bronze and yellow flowers. The frame was bordered with ivy leaves to the breadth of a foot. On the ground on each side was a beautiful vase of flowers mixed with branches of our northern deciduous holly. A cluster of incandescent lights illuminated this picture finely at night, and what gave it all the best of setting was the large collection of palms of Henry A. Dreer in the background.

The local men came out in good form. W. J. Palmer & Son, S. A. Anderson, C. D. Zimmerman and W. Scott all competing in several classes, and it paid them for their trouble, and those that did not join in have themselves to blame, for there was money waiting for them.

Following are the awards: Fifty blooms yellow, first, E. G. Hill & Co., Richmond, Ind., with Robert Halliday; second, Gunnar Teilmann, Marion, Ind., with Monrovia.

Fifty blooms pink, first, S. A. Anderson, Buffalo, with John N. Shaw; twenty-five blooms white, first, Gunnar Teilmann, with Evangeline; second, Grove P. Rawson, Elmira, N. Y., with Egandale. Twenty-five yellow, first, Gunnar Teilmann, with Col. Appleton; second, Charles Guenther, Hamburg, N. Y., with Robert Halliday. Twenty-five pink, first, W. J. Palmer & Son, Buffalo, with Vivand-Morel; second, Grove P. Rawson, with John N. Shaw. Vase of fifty blooms arranged with autumn foliage, first, William Scott, Buffalo. Vase of twenty-five arranged with autumn foliage, first, Grove P. Rawson. Twelve blooms, new variety, John B. Rudy, Elmira, N. Y., with Moon's Seedling.

Plateau, first, C. D. Zimmerman, Buffalo; second, William Scott. Basket, first, S. A. Anderson, Buffalo; second, William Scott. Wreath, first, C. D. Zimmerman; second, William Scott. General display, special prize, Grove P. Rawson. W. S.

ST. LOUIS.

The Market.

Cut flowers came in in great quantities the past week, and, although business is not booming, quite a number of flowers were disposed of at low prices. The market is overstocked with roses of all kinds and the common sorts of chrysanthemums. Southern grown mums are selling very cheap, with sales slow; the home grown stock, large blooms, brings from \$2 to \$3 per dozen, and the sales on them are reported as slow. Yellow mums had the call last week, and not enough in the market to supply the demand.

In roses Beauties are very fine, and some extra long stemmed ones came to this market the past week, which sold at \$3 per dozen, and from that down to

60 cents, with more than enough to supply the demand. Brides, Maids, Meteors, Perles and other roses are fine, but the demand is slow, and they can be bought at low prices; \$10 in 1,000 lots and \$2 and \$3 in smaller lots.

Carnations are not so plentiful as roses, and the demand is better. Our shippers are now sending in some very fine blooms of all kinds, for which they obtain a fair price; \$2 for first grades and from \$1.50 to \$1 per 100 for seconds. Henry Ane's new white, St. Louis, brings \$2.50 and is the best white in the market. The other growers are sending in good Scotts, Daybreaks and Flora Hills.

Violets are in fair demand, and quite a lot of them are coming up from the south. The home grown bring 35 cents, while the southern are selling at 20 and 10 cents per 100.

Some good valley is needed in this market, and some good valley growers would do well to make shipments to this city, as the demand has been good for these flowers the past week.

In spite of the dull business last week the wholesale men look pleasant and feel sure that trade will be better soon.

World's Fair Notes.

A few thousand men are now steadily at work in Forest Park clearing away the underbrush and fine large trees on the World's Fair site. By the end of this week ground will be broken and grading commenced on a large scale. Director of Works Taylor says that everything is now in shape to begin active operations on the grounds. The Agricultural and Horticultural buildings will be combined and will be the largest building of the exposition. The building will be partly on the Tesson estate, which belongs to Mrs. Tesson, mother of R. F. Tesson, the well-known florist of our city, whose large plant is on the property.

Visitors in Town.

Arnold Ringier, representing W. W. Barnard & Co., Chicago, is in town looking after his firm's interests. Arnold looks well and his trip to Europe did him lots of good.

Henry Johann, of Collinsville, Ill., was in town Saturday buying supplies. Mr. Johann is sending some fine carnations to this market.

Mr. August Schuerman, of the Schuerman Floral Co., was hard at work all of last week decorating the large coliseum in the exposition building for the horse show, which opens tonight (Monday). Mr. Schuerman says the decorations are finer this year than ever before, owing to the fact that double the amount, or nearly \$2,000, was appropriated this year for decorations.

We saw in the last issue of the Review a splendid picture of our friend Ed Winterson. It was an excellent move on the part of the Chicago club to elect him its president. He will, no doubt, make bowlers out of the whole club, including Edgar Sanders. The St. Louis boys unite with me in congratulating Mr. Winterson and the Chicago club.

Bowling.

The florists ran up against the real thing Monday night and lost three games to the strong Imperials. The boys seemed to be all out of form. They now have a lay off for ten days before the next match game with the

Exchange team. Kuehn and Ellison were our high men and the following scores tell the tale.

Florists.	H.	K.	E.	T.	A.	Average.	
Benck	2	5	124	168	101	466	155 7/12
Kuehn	6	8	124	132	193	452	150 2/3
Adels	6	9	122	128	138	408	136
Sturtz	3	7	184	149	140	473	157 1/2
Ellison	9	6	137	134	87	362	121 1/3
	14	32	773	785	781	2959	175 14/15
Imperial's	15	27	840	817	816	2573	168 12/15

J. J. B.

CHICAGO.

The Market.

The unseasonably warm weather has considerably increased the supply, especially of poor grade roses, and as the same influence seems to have curtailed demand to a marked degree the market is not in a very satisfactory condition. Local demand is very light for the season and this condition promises to continue until we have settled cold weather. With most of the retailers September averaged better than last year, but October promises to run behind. A good start for the season is hoped for next week when the horse show and the flower show will be held.

This week there has been considerable shipping to southern points, notably New Orleans, on account of All Saints' Day, but aside from this, outside demand has been rather light. As a result the market is full of stock, the best of which moves very well, but the great bulk of medium and poor grade roses are sold at very low prices. We hear of clean up sales of the latter and held over roses at as low as \$2.50 to \$5.00 per 1,000. At the same time the best selects will bring the quoted figures, \$3.00 to \$4.00 per 100. Owing to the open weather outdoor carnations are still coming in and they help to swell the cut of poor grade flowers.

The extra select chrysanthemums of fine varieties move very well at good prices, the best Appletons bringing \$4 a dozen, but on medium grades prices are not as high as last year on the average and poor stock is jobbed off at any price offered.

Buyers will have no difficulty in securing an abundance of good stock in this market at present.

Various Items.

The annual exhibition of the Horticultural Society opens at the Auditorium next Tuesday. Every florist in Chicago and vicinity should be represented by an exhibit of some sort. The exhibition is a benefit to the whole trade and each one should do his share toward making this exhibition an advance on its predecessors. Among recently received special premiums is one of \$25.00 from the American Rose Co., Washington, D. C., for the best vase of twenty-five blooms of Golden Gate rose. In class 185 best display of violets, Mr. E. E. Pieser offers an additional premium of \$25.00, making the first premium \$40.00. This violet competition takes place Friday, Nov. 8.

A regular meeting of the Florists' Club will be held tomorrow (Friday) evening. The new officers will be installed and final arrangements will be made for the annual banquet next week.

John Richter, of Duluth, has been in the city several days buying supplies for the store he is to open in Duluth next week.

Walter Kreitling & Co. arranged a very handsome decoration last Tuesday for a banquet at the Chicago Club, tendered to Mr. Schwab, of the Steel Trust. Orchids and choice greens were the materials used and \$100 was the price.

The fakers have been offering pretty fair roses on the streets at 15 cents a dozen.

Bowling.

In the three games held last Tuesday evening the Totators won two from the Wheelabouts and the Growers from the Miscellaneous. Following are the scores:

RETAILERS.

P. J. Hauswirth	175	145	157
J. Hoehner	141	146	132
E. Enders	127	122	127
E. Hauswirth	169	116	163
George Amos	189	145	168

792 674 756

WHOLESALEERS.

E. Deatly	184	174	157
W. S. Heffron	141	122	144
C. Hughes	135	127	128
Jno. Stierrett	129	175	114
E. Winterston	181	177	163

761 801 708

GROWERS.

G. Stelbery	106	179	162
E. Harty	141	129	153
N. Schmitz	126	178	190
J. P. Sinner	132	147	130
F. Stelbery	137	204	137

644 837 794

MISCELLANEOUS.

C. Ballou	189	148	149
C. Pruner	102	134	117
J. Degnan	128	117	166
M. Forster	127	115	123
G. L. Grant	144	134	125

681 648 682

Next week there will probably be a match game with the Milwaukeeans during the exhibition.

CINCINNATI.

Trade Items.

The weather in this vicinity is having a slight depressing effect upon business. It is entirely too warm. Great quantities of stock are still coming in, especially is this true of roses. The past week saw more roses in this market than at any other time this season. Though the market was finally cleared up on Saturday it could be done only by putting the price way down. Even carnations which have been so scarce all this season made their appearance in greatly increased numbers and for the first time some were left over after the morning business. The price suffered in consequence and some very good ones went at \$1 per 100. Fancies still held at from \$2 to \$2.50 per 100.

The supply of chrysanthemums is now equal to all demands made upon it. The warm weather is opening them very rapidly and this tends to have a demoralizing effect upon prices. From 75 cents to \$2.00 per dozen according to quality are the ruling prices, and but few bring the top figure. The demand for mums is hardly up to the standard so far this year. But I believe this is caused more by the warm weather than by a lack of popularity of the flower. A good hard freeze is what we want most at present and I believe it will help things wonderfully. Some extra good Robinson are coming in and 20 cents is asked for them, but sales are slow at that figure. Small mums in sprays cut from plants are to be had now at \$3 to \$4 per 100 sprays. This is fine stock for funeral work and meets with a ready sale. Shipping trade is first class, showing that the smaller towns are awake and doing business.

The dry weather has caused the water supply of several of the boys to

be very low. Wm. Murphy, who gets his supply from a large pond, reports that the pond is almost dry. Geo. Murphy, who takes his supply from a well, says that for the first time in his experience he has been able to pump the well dry. Rain is greatly needed and it can not come too soon. A good soaking rain followed by a cold snap is what we want most now. Then both growers and retailers will be happy.

Personal Notes.

B. P. Critchell is cutting some of the best mums to be seen in this market. Among them are a few Col. D. Appleton, one of the finest yellows I have seen, and is a mum that will bring a top notch figure at all times.

A. R. Aldrich, Springfield, Ohio, is sending in some very nice Robinson. For some reason Robinson does not seem to be taking the hold on the public that it did in seasons past. We can only attribute this to the weather and hope for better times.

Fred Gear had five baskets of flowers, over three feet across, for an actress who is playing in this city this week.

H. H. Ritter, Dayton, Ohio, and C. B. Dietrich, Maysville, Ky., were callers. C. J. OHMER.

INDIANAPOLIS, IND.

The Exhibition.

Next week the great flower show is to be held and nearly every florist in the city is preparing to show something and a great show of both plants and cut flowers is expected. This city has had no show during the last two years and the public seems to be deeply interested in this one. The papers are doing all they can to make the people want to see the show and if the weather is fit there will be great crowds at the Tomlinson hall. The state society has arranged to take good care of all visiting out-of-town florists and all such should report to the secretary immediately upon arrival.

Trade Conditions.

Business has been very good all around and good stock brings fair prices. Mums of course are in the lead just now and no good blooms are going to waste. The second carnations are now being cut and some very fine stock is being sent in by several growers. Robinson, Bassett and Perrin are the best just now, but in another week there will be a good assortment of midseason varieties in the market. The great Timothy Eaton seems to be late with everybody around here, and from present indications will be about right for Thanksgiving.

Carnations are improving rapidly and some very good blooms are seen, especially of several promising seedlings which are growing at several places either in second or third year.

Most of the rose growers have more or less mildew, which makes the stock look bad, although the buds are of good quality. Cyclamens are going to be fine this season, especially at H. W. Riemann's and at Baur & Smith's. The latter firm has some grand plants in 8-inch pots which should find ready sale during the winter. A. B.

MONTSORE, COL.—W. H. Franklin is starting in the business here. He is a brother of the senior member of the firm of Franklin & Crosby, Brooklyn, Conn.

SAMUELS, PEACOCK, WHOLESALE FLORIST

Lily of the Valley, THE FINEST IN THE COUNTRY. Choice Chrysanthemums, FANCY VARIETIES.

Long Distance Telephone.
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Mention The Review when you write.

LEO NIESSEN AMERICAN BEAUTIES--Choice Blooms

OF Philadelphia, Smilax, Choice Blooms
Wholesale Florist, The best in the market.
N. W. Cor. 13th and Filbert Sts. Fine Strings in quantity.
Philadelphia Chrysanthemums, Choice blooms in best colors.

LONG DISTANCE TELEPHONE.
Open 7:00 a. m. to 9:00 p. m.

Mention The Review when you write.

FRESH SMILAX SEED. SWEET PEAS For Early Flowering.

SMILAX--Per oz., 20c; per lb., \$2.00; 5 lbs. at \$1.75.
SWEET PEAS--Black Knight (deep maroon); Celestial (azure blue); Countess of Raïner (pale lavender); Emily Henderson (pure white); Extra Early Blanche Ferry (pink and white); Lady Mary Currie (pink and blue); Mrs. Eokford (beautiful primrose); Mrs. Jos. Chamberlain (white and rose). Per 1/2 lb., 15c; per lb., 40c postpaid; 5 lbs., \$1.50 by express.
Earliest of All (pink and white), two weeks earlier than Blanche Ferry, per 1/2 lb., 15c; per lb., 50c postpaid; 5 lbs., \$2.00.
JOHNSON & STOKES, 217-219 Market St., PHILADELPHIA, PA.
Mention The Review when you write.

COLORADO SPRINGS, COLO.

The cut flower market has been active since the close of summer, with a large number of weddings and considerable funeral work. Carnations and Bride roses are not too plentiful. Mums are coming in fine shape, with a good demand for the largest varieties.

Smith & Wright, of Broadmoor, have now completed their new range of glass and have a well planned set of houses in a very attractive locality within a few thousand feet of the entrance of the famous Cheyenne Canon.

William Clark, the wholesaler, who has been regarded by the trade as an unusually kind-hearted man for a florist, left suddenly some ten days ago for the wilds of Wyoming, returning Saturday with three deer, one elk and some smaller game, which he claims to have shot in self-defense. W.

WESTBROOK, ME.--Benjamin Elwell has added new glass and is putting in a new store front.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED--Two young men, as assistants in greenhouse work; please state age, references, wages expected, etc. Apply to J. A. Peterson, McKinley ave., Cincinnati, Ohio.

FOR SALE--Or will exchange for glass, plants or cuttings--one double row riveted expansion tank, good as new. For particulars write to Edwin H. Riehl, North Alton, Ill.

WANTED--A sober, reliable man to take charge and run a general florist business; good cut flower grower and designer; stock in good condition; plant nearly new. Marion Floral Co., Marion, Ind.

SITUATION WANTED--By good reliable man 21 years old; raised in the business. Address J. A. Schank, Hed Wing, Minn.

WANTED--An all-around man, one who understands growing roses, carnations and general stock. Address Box 13, Sharon, Pa.

FOR SALE--Cheap for cash; a well established florist business in a good southern Illinois town; contents and trade, contained in three houses. For full particulars address A. K., care Florists' Review.

SITUATION WANTED--In retail store, or in commercial place; two years' experience in carnations and bedding plants; good recommend from employer; age 17; state wages with board and room. Clarence E. Bruce, Randolph, Vt.

SITUATION WANTED--Experienced carnation and rose grower. Address Grower, care Florists' Review.

FOR SALE--An old established florist business, centrally located in a thriving Western New York city of 12,000 inhabitants; the only florist in the city; 8,000 square feet of glass and store all in perfect condition; natural gas fuel with modern rates; or will lease partner with some experience; \$3,500 or more required; best of reasons given; for full particulars, address G. H., care of Florists' Review.

FOR SALE--Greenhouses, 12 miles south of Chicago, Conn. Have erected about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$2,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR RENT OR SALE--A money-making florist business in best city of Texas, to a reliable and industrious party with some cash and security; will get all necessary assistance from owner if desired; cut flowers and decorations are specialties; will give position for a time for examination if desired; do not write if not in earnest; price, \$2,000.00. Address Texas, care Florists' Review.

WANTED--100 feet 2-inch pipe, 100 feet 1 1/2-inch pipe and fittings; 5 boxes glass, 12x16. A dbl. strength; state price. Address 361 State street, Cosmopol Ohio.

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13,000 Names of people who own the lawns, covering every State in the Union, arranged alphabetically according to states and towns. List was gathered from reliable sources, from Jan. 1st to April 1st, 1900. Has been thoroughly tested. Will sell the list at a reasonable price. (Will furnish good references if desired.) Address, care of Florists' Review, Chicago, Ill.

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Green or Bronze Galax, 75c per 1000, in 5000 lots. Laurel Festooning, 1c, 5c and 6c per yard.

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ASPARAGUS PLUMOSUS NANUS, from flats, \$2.00 per 100.
NEW GIANT OF CALIFORNIA PANSY PLANTS.....\$1.00 per 100
NEW GIANT OF CALIFORNIA PANSY SEED, trade pkt., 25c; 1/2-oz., \$1.00--getting scarce.

Mitting Floral Co., Loomis, Cal.

Mention The Review when you write.

QUALITY TELLS--PRICE SELLS.

Asparagus Sprig, 2-inch.....\$1.25 per 100
Daisies, White Marg., 2-inch.....2.00 "
Allerianthenra, red rooted......40 "
If you want Geraniums write us.

E. I. RAWLINGS, QUAKERTOWN, PA.
Mention The Review when you write.

PITTSBURG.

Chrysanthemums at the Phipps Conservatory, Schenley Park.

Every year a chrysanthemum show is gotten up at the Phipps Conservatories and each succeeding year the exhibition is greater than before. This year it is grander than ever. About 12,000 plants, in 350 varieties, and all in pots, are grown for this show. The plants are mostly single stemmed and perfect in flower and foliage. They occupy an immense conservatory and are arranged for effect as regards grouping, color and display, and the varieties are all named with neatly written card labels tied on the stems near the flowers. This show is a gala season for Pittsburgh. It opened last Sunday (the 27th) and will continue for two to three weeks. Ten thousand people visited it the first day, and next Sunday between 30,000 and 40,000 visitors are expected to see it. Every newspaper in the city devoted much space to it, the Sunday papers giving long illustrated articles to it.

Besides the chrysanthemums special features are made of other plants, particularly of aquatics, economic plants, and orchids, and all are arranged and named and shown in a manner to attract the notice of the most uninformed as well as the learned. The pathways are so arranged that visitors must all go one way so there is no jamming or blocking and when a person makes the circuit of the main conservatories he has walked half a mile through the exotic treasures under glass. Altogether these Phipps Conservatory flower shows are a very pointed example of give the people something worth looking at and they will crowd to see it and the newspapers will give it unstinted notice.

P. A.

Various Items.

The weather is fine and there seems to be plenty of roses; also mums, of which you can see quite a show at the two Ludwig stands in Allegheny market.

The mum show at Schenley Park conservatory is good and well arranged. Some extra large flowers of Simpson, Bryant and many other varieties are shown, which draw many visitors from among the florists.

Business at the stores is a little slack yet. Funeral work with some and decorations with others just about keep them busy.

The Pittsburg Cut Flower Company is receiving a good deal of stock, principally roses. Carnations seem to be a little late with the growers this season, but they promise well.

The Pittsburg Rose & Carnation Company, Incorporated, at Crystal Farm, Bakerstown station, P. & W. R. R., have been sending in fine roses and Beauties for some time now, shipping every morning. Messrs. Breitenstein and Langhans have been out to see the place and are well pleased with the looks of things there.

Fred Burki, at Bellevue, has been shipping a great many carnation plants the last few weeks. The plants are strong and healthy. He is well pleased with Lawson and Morning Glory. His thirty-six houses are well filled; early mums cut out and the space planted to smilax and sweet peas.



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We are better than ever prepared to take the best of care of your orders. Our stock is in fine condition and we can supply high grade flowers that will give the best of satisfaction.

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LARGEST IMPORTS & FINEST VARIETIES & BEST VALUES

Place your order now for early shipment by freight,
and save heavy Express charges later in the season.

	Per doz.	Per 100		Per doz.	Per 100
10 to 12-inch crowns	\$4.50	\$35.00	16 to 18-inch crowns	\$12.00	\$90.00
12 to 14-inch crowns	6.00	45.00	18 to 20-inch crowns	25.00	200.00
14 to 16-inch crowns	7.50	55.00	20 to 24-inch crowns	36.00	300.00

There is a great scarcity of Mme. Van der Cruyssen this season, but we are in position to still supply ten per cent of this variety in assorted lots.

HENRY A. DREER, 714 Chestnut St., Philadelphia.

Mention The Review when you write.

H. L. Blind & Bros., at West View, have made extensive alterations at their houses this last summer. Stock looks well. They have two houses in Liberty roses.

BAER.

ST. JOSEPH, MO.

Trade has been very quiet the past ten days. Nothing doing to make a demand for flowers except now and then a little social gathering, a small wedding decoration or an occasional funeral. Chrysanthemums are coming in slowly, but are inclined to be a little soft; demand for them is not brisk. American Beauties are very good for the season; Brides and Maids fair and demand hardly equal to supply. Carnations are scarce and short stemmed. Violets are small and the demand is not great. Weather almost like summer and outdoor flowers still blooming.

No chrysanthemum show here this fall, but all the boys expect to take in the big flower show at Kansas City.

Mr. Kidd's chief lady clerk ran off on short notice and entered the "United States" (got married) before Mr. K.'s return from Colorado.

Mr. Stuppy's roses and carnations are looking very fine. The latter are a little late in blooming but will have a big cut later.

Mr. Reichard's stock is in good shape.

JOSEPH HEACOCK,

GROWER OF

Fine Palms,

For Price List

SEE PAGE 637, OCT. 17th.

VEGETABLE PLANTS.

CABBAGE and

LETTUCE.

all the leading varieties,

cheap in large lots.

Write for price.

J. S. LINTHICUM, WOODWARDVILLE.

A. A. Co., Md.

Mention The Review when you write.

He reports trade in his downtown store as being very satisfactory.

Kidd is displaying some very good mums and roses.

K. T.

PEORIA, ILL.

The wife of John H. Cox, who has been in charge of the seed and nursery departments of the business of J. C. Murray for the past year, died last week of heart failure. Mr. Cox left for Boston with the remains of his late wife on the 23d inst. The sudden death was a severe shock to Mr. Cox and his friends.

HOLLY, MICH.—H. J. Green has built four houses this season, three 20x40 and one 11x40.

Well Made and Correctly Shaped Wire Designs.



Photograph of the Wire Work Department of E. H. Hunt, 76-78 Wabash Ave., Chicago.

We are pleased to illustrate this important branch of our business. We place at your command the largest force of wire workers in the west whose constant aim is to supply **well made** designs, **correct in shape** and **strong in construction**. Our stock of made up designs is large, thus enabling us to fill all orders, large or small, in the shortest possible time.

Another important feature is that of being ready to fill your 'phone, wire or mail orders for **special designs** when wanted **at once**. Let us demonstrate our ability to fill your **rush** orders and also your **stock** orders.

**OUR LIST OF PRICES AND DISCOUNTS ARE TO BE
HAD FOR THE ASKING. PLEASE SEND FOR SAME.**

E. H. HUNT,

76-78 Wabash Ave. ...CHICAGO.

KANSAS CITY, MO.

A Meeting.

In order to give the florists an opportunity to meet Uncle John Thorpe, and to discuss flower show matters, a meeting was called by Mr. Taggart for that purpose last Saturday night, and we met, fifteen of us, in the reception room at Convention Hall. Mr. Taggart occupied the chair and opened the meeting by stating that \$2,500 in premiums had been received and prospects were favorable for raising \$1,500 more in the next two weeks. Communications and inquiries from prospective exhibitors were then read and acted upon.

Uncle John was asked to describe the most interesting features of the Chicago shows and to make a report on the progress resulting from his trip east. He was then given instructions to go and invade Indiana and Illinois for additional exhibits, and will not return here until Nov. 10.

The plans for fitting the immense hall for the exhibition as formulated by Mr. Taggart and Mr. Thorpe and the novelties they propose to introduce, all of which was approved by the florists as being in perfect harmony with a floral display, were next brought before the meeting. If these new features are carried out according to the present plans Convention Hall will on Nov. 18 be a veritable fairy land.

Mr. Geo. Kessler, our able park superintendent, very generously consented to assist the management in arranging the architectural effects.

Mr. Albert Barbe gave \$25 to be added to the window decorating prize money.

Out of town florists are asking who is "the director general?" Mr. Taggart is a member of the firm of the Nebraska Clothing Co. and is rigidly a business man. He has the snap, the vim, and the magnetism and is persistent in all his undertakings. When he announces to the public that something more is needed in order to make his scheme a success he usually gets it. Mr. Taggart admonished us for not working together more harmoniously and urged the florists to organize a florists' club at once.

Visitors.

Kansas City sheltered thousands of visitors last week. The attractions were a horse show and a cattle show. The horse show was held in Convention Hall and drew an attendance of 60,000 people. Surely there are as many admirers of floriculture as there are of fine animals. Now, with finances plenty, and with brains and energy pushing the flower show, failure seems impossible.

Arnold Ringier, of Chicago, and Alfred Broman, of Independence, Mo., were visitors here last week.

H. J. M.

COHOES, N. Y.—M. C. Beers has broken ground for the erection of a three-quarter span house 20x100 and expects to carry on a general florist and market gardening business.

LOWVILLE, N. Y.—Wm. Keay will open a floral store in the Richardson block.

TOPEKA, KANS.—Prof. S. J. Hunter has been appointed state nursery inspector.

E. H. HUNT

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Hunt's Flowers Go Everywhere.

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Shipping orders receive prompt and careful attention.

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This Week Special Bargains

we offer the following

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MUMS.

All varieties, all grades, at lowest market prices.

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All varieties in abundance.

CARNATIONS.

In abundance.

COMPLETE STOCK OF

ORCHIDS, VALLEY, VIOLETS,
SMILAX, ASPARGUS, WILD SMILAX
AND ALL CUT FLOWERS.

Our prices as low as any grower or dealer.

If you don't receive our weekly lists notify us at once.

REMEMBER we are STRICTLY HEADQUARTERS on all CUT FLOWERS, SUPPLIES and XMAS GOODS. Orders booked now for GREEN, HOLLY, MISTLETOE and other Holiday Goods. Send for our lists.

SUPPLIES:

CANE STAKES, new crop, 5 feet long, per 1000, \$2.00; 10,000 for \$18.00.
RAFFIA, fresh constraint just received, 10 lbs., \$1.50; 100 lbs., \$13.00.
RIBBONS, finest satin, per bolt, No. 12, 95c; No. 16, \$1.15; No. 22, \$1.25. All colors. We can supply any grade of Ribbon desired at lowest prices. Remember, we meet all competitors in price.
CHENILLE, all colors, small, per roll, 20c; dozen, \$1.50. Medium, 10c roll, 25c; dozen, \$1.75.
NEW KORAL LETTERS, per 100, script, \$1.50. We are sole Chicago Agents for Korall letters.
GREEN SHEET MOSS, fresh from the woods, per bag (about same as bbl.), \$1.75.
SPHAGNUM MOSS, two cars just received from swamps, 5 bales, \$4.00; 10 bales, \$7.50.
TIN FOIL, made expressly for our trade, 10 lbs., 90c; 50 lbs., \$4.25; 100 lbs., \$8.94.
Tower & Cutters', No. 1 B, 20 boxes, \$1.00; per case, 100 boxes, \$1.75.
TOOTH PICKS, fresh stock just received, per 100 lbs., \$1.00; 500 lbs., \$4.50; 1000 lbs., \$8.00.
TOBACCO STEMS, perpetuated, finest quality, 24 to 40-inch, assorted, per dozen, \$2.90.
CYCAS LEAVES, per 100, \$1.50.

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Store: 906 Grand Ave., KANSAS CITY, MO.
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Trade packages at \$1.00. Also plants of the above strains at \$5.00 per 1000 and \$10.00 for Fancies. They are equal to any that we ever sent out.

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Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

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Wholesale Florist Commission, Full line of Florists' Supplies and Decorations. Special attention to shipping orders.

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WHEN IN DOUBT BUY FROM ROBINSON

Dagger or Fancy Ferns,

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A No. 1 QUALITY.

Write for prices on large quantities. We can fill your orders in any amount.

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Dutch Bulbs Ready.

NEW CROP PANSY, CINERARIA, CYCLAMEN.

PANSY, SUPERB MIXED, 1/2 ounce 75c; 1 ounce.....\$5.00
CINERARIA, GIANT PRIZE, Trade packet..... 50c
CYCLAMEN, CALIFORNIA GIANT, 1000 seeds..... \$6.00
Write for full catalogue if not received.

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Wholesale Grower of

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Upal Station, Penna. K. R., Germantown, PHILADELPHIA, PA.

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Good Plants, \$4.00 per 1,000; \$2.50 per 500, i. e. b. express here. Cash with order.
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You can take Newark and N. Y. R. R. to West Side Av. trolley.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzi, rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum, best varieties, 2½-in., \$1.50 per 100. Cash, O. F. Searies, Nashua, N. H.

ALTERNANTHERA.

Alternanthera, red, rooted cuttings, 40c per 100. E. J. Rawlings, Quakertown, Pa.

ALYSIUM.

Alysium, Dbl. Giant, 2-in., \$3.00 per 100. Cash, Greene & Underhill, Watertown, N. Y.

ARAUCARIA.

Araucaria excelsa, fine plants, 6-in. pots, 12 to 14 inches, 3 to 4 tiers, \$1.00 each; \$12.00 per doz. 6-in. pots, 24 inches, 4 to 4 tiers, \$1.50 each; \$18.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS.

Asparagus Plumosus Nanus, Fine stock, 2½-in. pots, \$3.00 per 100. Sprenger, 4-in. pots, \$5.00 per 100. Boston Ferns, very bushy, 2½-in. 35-in. 4-in. pots, \$12.00 per 100. W. S. Hammond & Son, Carbridge, N. Y.

SPRENGER, \$2.50 per 100; \$30.00 per 1000. EXTRA fine plants, ready to shift into 3½-in. pots. Jackson & Perkins Co., Newark, New York.

Asparagus Sprenger, 2½-in., \$2.50 per 100; \$20.00 per 1000. A. plumosus, 4-in., \$1.00 per 100; \$8.00 per 1000. 2½-in. \$4.00 per 100; \$35.00 per 1000. Cash, John A. Doyle Co., Springfield, Ohio.

Asparagus per 100: Sprenger, 2-in., \$1.50; plumosus 2-in., \$2.50; decumbens, 2½-in., \$10.00. Sprenger seed, \$2.00 per 1,000; 50c per 100. Cash, Joe H. Cunningham, Delaware, Ohio.

Asparagus SPRENGER and PLUMOSUS, 2-in. pots, \$1.00 per 100. WALTER REITZEL & CO., 2045-59 Clarendon Ave., Chicago.

Asparagus, per 100: Sprenger, 3-in. pots, \$4.00; 4-in. pots, \$5.00. plumosus, 3-in. pots, \$5.00. Dickerson & Belden, Box 275, Miami, Fla.

We have a fine lot of A. Sprenger and plumosus in 2, 2½ and 3-in., ready for a shift. They will make you money. Geo. A. Kubl, Peckin, Ill.

Asparagus Sprenger, rooted plants, 2½-in. pots, \$1.25 per 100. Cash, Guaranteed first class. Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS NANUS. Cut strings 8 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprenger, 3-in., \$4.00 per 100. A. plumosus nanus, 3-in., \$5.00 per 100. Cash, Morris Floral Co., Morris, Ill.

Asparagus Sprenger and plumosus, 4-in., \$4.00 per 100. Cash, Samuel Whitton, 16-17 Gray Ave., Utica, N. Y.

2000 Asparagus plumosus, fine, strong plants, 3-in., \$6.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, from flats, \$2.00 per 100, express prepaid. Mitting Floral Co., Loomis, Cal.

5,000 Asparagus plumosus nanus, strong 2½-in., \$3.00 per 100. A. J. Baldwin, Newark, Ohio.

A. Sprenger, fine, 2½-in., \$2.50 per 100; 3-in., \$4.00 per 100. Cash, C. L. Osborn, Sidney, Ohio.

Asparagus Sprenger, 2½-in., \$2.50 per 100. Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hille, Elkhart, Ind.

Asparagus Sprenger, 2-in., \$1.25 per 100. E. J. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

ASPIDISTRA.

Pot-grown plants of ASPIDISTRA. The green and variegated leaves. Have a large stock, in perfect condition, of both. Leaves measuring from 20 to 30 inches. Write for prices on above; also prices on bulbs, roots and plants.

F. W. O. SCHMITZ, Princebay, N. Y.

Aspidistra, variegated and green. Greene & Underhill, Watertown, N. Y.

AZALEAS.

Place your order now for early shipment by freight and save heavy express charges later. 10-12 in. crowns, \$4.50 per doz., \$35.00 per 100. 12-14 in. crowns, \$5.00 per doz., \$45.00 per 100. 14-16 in. crowns, 7.50 per doz., \$65.00 per 100. 16-18 in. crowns, 12.00 per doz., \$90.00 per 100. 18-20 in. crowns, 25.00 per doz., 200.00 per 100. 20-22 in. crowns, 35.00 per doz., 300.00 per 100. Mims, Van der Cruyzen, a source this season. We are in position to still supply 10 per cent of this variety in assorted lots.

H. A. REBER, 714 Chestnut St., Philadelphia, Pa.

AZALEAS, all sizes. Varieties: Vervaeana, Simon Mardner and Van der Cruyzen, \$40, \$50, \$60, \$70, \$80 and \$100 per 100. Also large plants to \$4 each. Anton Schultheis, P. O. Box 73, College Point, New York City. Ask for price list.

Azaleas, Amens, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 3½-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

AZALEAS now ready. Finely formed plants well set with buds. All the leading varieties. Order at once. Stocks limited.

H. A. REBER & CO., 161 Kinzie St., Chicago.

Azaleas, all sizes and varieties. Ask for special list.

BOBBINK & ATKINS, RUTHERFORD, N. J.

Azalea indica, just arrived, leading sorts, \$30.00 per 100. Whitton & Sons, City and Green Sts., Utica, N. Y.

BEGONIAS.

LORRAINÉ BEGONIAS. We make the following SPECIAL OFFER to reduce our stock to a certain limit of space which we can devote to this plant, and this offer will be withdrawn as soon as stock is reduced to this limit.

Gloire de Lorraine, per 100: 2-in., \$15.00; 3-in., \$20.00; 6-in., \$75.00.

Edenmita O., 4-in. pots, pink, per 100: 2-in., \$15.00; 3-in., \$25.00; 6-in., \$75.00.

Gloire de Lorraine, erecta compacta, per 100: 2-in., \$15.00; 3-in., \$25.00; 6-in., \$75.00.

To give best results the larger sizes (above 3-in.) must be shipped in pots.

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FAIRMOUNT, W. VA.—**H. Glenn Fleming** will open a store in the Public Library Building November 1. He is growing some very fine carnations in the two new houses he built last summer and reports cut flower trade as very good. The **Burns Greenhouse** has been discontinued and **Mr. Fleming** is now the only florist here.

GRANDY CENTER, Ia.—**Theo. Somers** built a new carnation house the past summer.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

SAN FRANCISCO.

The Pacific Coast Horticultural Society held its regular meeting October 21, President H. Plath presiding. The attendance was fair. The constitution and by-laws were read and passed after a few corrections. One section of the by-laws providing for the admittance of ladies to the society as honorary members was knocked in the rear. Mr. Jos. Thompson jumped to his feet and said that no one would let the ladies more than he did (no one doubted his word) and spoke at some length on the great good the ladies of San Francisco had done for floriculture but thought our society would flourish much better if composed of gentlemen only.

A chrysanthemum show will be held November 18 at the society's rooms, Mission Opera House. Our members are hardly prepared to make a show of chrysanthemums this year but the eagerness of a few to have a show has prompted the society to bang up a reasonable sum of money for a small show.

Mr. James Niven, of Thermal Vale Nurseries, exhibited a vase of his new white seedling chrysanthemum Dr. Curry, a fine incurved of the best of purest white; also a vase of Mrs. Ritson, the white sport from Cuyahoga-Morel. Both vases were much admired by the members. J. N.

THE KANSAS CITY SHOW.

The premium list for the big exhibition to be held in Kansas City, November 18 to 23, has been issued and it contains a long list of premiums of generous size. It is certainly a very attractive list to the exhibitor. One remarkable rose prize is for 100 American Beauties, 1st, \$150; 2nd, \$100; 3rd, \$75. A special premium of \$100 is offered for the best pink seedling carnation, which is to be named McKinley. Another special, not yet in the premium list but announced by Mr. Thorpe, is \$200 for the best seedling rose produced in America. Copies of the list may be had by addressing F. J. Taggart, Convention Hall, Kansas City, Mo.

The chairmen of the committees on awards have been selected and are as follows: James Gurney, St. Louis; J. F. Cowell, Buffalo; Edwin A. Kanst, Chicago.

SEATTLE, WASH.

The florists of this city are being persecuted to some extent by an over zealous fruit pest inspector. We are told that we must comply with the horticultural law and give bonds the same as a nurseryman. The law also requires that we shall give 24 hours notice before we ship a consignment to any point within the state or import any nursery stock, roots, scions, plants, cuttings, flowers, etc., from any point without the state.

Are the florists of any other state subject to such laws? And will not such laws have a disastrous effect upon the business? The Commercial Horticultural Club of Seattle is considering ways and means of securing immunity for florists from the operation of this law. Any information or suggestions addressed to the secretary, Mr. J. Hopkins, this city, will be thankfully received.

A GLADIOLUS SALE.

The sale of the entire stock of gladiolus bulbs of M. Crawford Co., Cuyahoga Falls, Ohio, to Betscher Bros., Canal Dover, Ohio, which was made last week,

is a deal of considerable magnitude, there being involved in the transfer over 2,000,000 bulbs, over 50 bushels of bulbs and the correspondence and good will of the Crawford bulb business. Of this stock nearly three-fourths is standard mixtures, and most of the remainder is Groff's hybrids, this being, with one exception, the largest collection of this strain in the United States. There are a few thousand seedlings, some named varieties and part of the choice private collection Mr. M. Crawford has been making for years past.

Under the terms of sale the Crawford's future actions in regard to selling bulbs are entirely unrestricted. Betscher Bros. already owned a stock considerably larger than that included in this purchase, consisting of named varieties, fine hybrids and bulbs under color and mixed, and are now placed in a very prominent position among American gladiolus growers. C.

RICHMOND, VA.

The dull days are not quite over, but trade has kept up well and prospects for a good season ahead are bright.

There are some changes. John Toler's establishment has been pulled down and sold piecemeal to make way for a church building. Mr. Toler has gone to work for Jollywood cemetery. Harvey's houses have been through the auction mill and advertised, but not sold yet. Harvey bought two of the houses and is taking care of the others until a tenant arrives. John Laird has gone to Norfolk, Va., and Mr. Jones, Hammond's store man for so many years, has also gone to same place and opened up a store. Julius Froehner, another old land mark in the trade, is pulling up stakes to quit the city. His stock has been purchased by M. A. Whitty. This same concern has also bought the old Catlin greenhouses and removed them to their Brook Road property. Mann & Brown have made considerable improvements in their greenhouses and Hammond has added two more houses to his range. V.

TOPEKA, KANS.—The Colorado Nursery Co., which brought suit against J. W. Taylor for \$4,000 damages, obtained a verdict for \$795. The Colorado company claimed that it had a contract with Taylor for 50,000 trees and that between the time the contract was made and the time for delivery the price went up about 150 per cent, and that then Taylor claimed he had no contract and did not deliver the trees. Taylor claimed that he had some correspondence with the Colorado company, but that he had no contract.

WE HAVE received from A. Dietsch & Co., Chicago, a copy of their new catalogue of greenhouse building material and a folder containing illustrations of the Dietsch construction, patented by them. This substitutes two or three short spans for the usual wide house, there being no dividing walls and the gutters over the walks.

THE seed crops in Germany are reported to be very poor this season with the exception of pansies.

DO NOT fail to have a strong special adv. in the Annual Thanksgiving Number of the FLORESTERS' REVIEW, to be published Nov. 14, just two weeks before Thanksgiving.

BEGONIA LORRAINE.

The trade tells us that Begonia Gloire de Lorraine has come to stay, and we hope it has, for there is nothing lovelier in midwinter than this beautiful plant. So far, the most successful handling has been along the lines of a complete winter and early spring rest and June propagation.

We got our plants along in the latter part of June, and they are now in five-inch and some in six-inch, the picture of health and beauty. A medium loam (not very heavy, nor very light) with a sixth of leaf mould and rotted cow manure and a little charcoal has suited them finely.

They had scarcely any shade, were placed a foot from the glass, and had good ventilation at all times. They were plunged in sphagnum moss and the moss was occasionally sprinkled with nikoteen. Under these conditions they have thrived well, and will certainly be large plants by Christmas or before. J. O. E.

CATALOGUES AND PRICE LISTS

A. M. Herr, Lancaster, Pa., rooted cuttings of geraniums; A. Tilton & Sons, Cleveland, Ohio, trade list of bulbs; H. Hensel, Darmstadt, Germany, list of novelties; Thomas Meacham & Sons, Germantown, Pa., list of hardy trees and plants; Benjamin Hammond, Fishkill-on-Hudson, N. Y., Hammond's Sing Shot and other insecticides; James Vick's Sons, Rochester, N. Y., bulbs, plants and seeds; F. C. Heinemann, Erfurt, Germany, colored list of novelties.

WATERTOWN, WIS.—The White Elm Nursery Company, composed of S. Uglow and A. W. Brown, have started in the nursery business with offices at 1365 Wilder street.

LENEX, MASS.—The Annual exhibition of the Lenox Horticultural Society was held October 24, and the display was an excellent one.

MURPHYSBORO, ILL.—Lewis R. Allen has purchased the florist business of E. I. Bradley and will continue it. The greenhouses contain about 5,000 square feet of glass.

LIBERTY, MO.—The wife of Paul Stark died October 21, two months after an operation, and after being confined to her bed since last May. Mr. Stark has the sympathy of all in his bereavement.

OLEAN, N. Y.—D. R. Herron cut his first Col. D. Appleton chrysanthemum October 28. Diameter of bloom, 7 1/2 inches; length of stem, 6 1/2 feet. All of his stock is in fine shape. Business fair.

EAU CLAIRE, WIS.—A. F. T. Lauritzen has taken charge of the Oakdale greenhouses and will continue the business.

HEMPSTAD, N. Y.—Henry Weston has succeeded to the business of Henry Weston & Bro.

LINCOLN, NEB.—The new firm of Stackhaus & Greer have completed the erection of their six modern houses containing 10,000 square feet of glass, and have their stock in fine shape. Mr. Stackhaus was for some years with C. H. Frey, of this city.

DULUTH, MINN.—John K. Richter will on Nov. 1, open a store at 106 West Superior St.

A Business Getting Issue

...OF THE...

Florists' Review

...WILL BE ITS...

**Annual Thanksgiving Number, to be
Published Nov. 14.**

In addition to reports of the numerous November exhibitions it will contain many other **special seasonable features of unusual value** to readers.

It will have a large circulation in the trade and will have extra good value as an advertising medium.

A strong special adv. in this number will pay you well. Please let us have your order and copy **EARLY**.

Florists' Pub. Co.

520-535 Caxton Bldg.,

CHICAGO.



LATANIA BORBONICA.

LATANIAS

We have a big stock of Latania Borbonica, the best selling Palm. It is all good value at the price, the 5, 6 and 7-inch sizes particularly so.

Let us have your order **NOW** while shipments may be made safely by freight.

Latania Borbonica.....	Pot.	Height.	Leaves. Each.	Doz.	100
" " " " " " " "	2 1/2	5		\$ 0.60	\$ 4.00
" " " " " " " "	3	12	5 to 6	1.00	8.00
" " " " " " " "	3 1/2	12 to 15	5 to 6	\$0.15	12.00
" " " " " " " "	4	15 to 18	5 to 7	.25	3.00
" " " " " " " "	5	18 to 22	6 to 7	.50	5.00
" " " " " " " "	6	18 to 24	6 to 8	.75	7.20
" " " " " " " "	7	22 to 26	7 to 9	1.00	10.00

ASPARAGUS.

Our stock is large and in splendid condition.

SPRENGER.		PLUMOSUS NANUS.	
2-in. pot.....	\$0.50 doz.	\$ 3.00 100	2-in. pot..... \$0.50 doz. \$ 4.00 100
3 " " " " " "	1.00 " "	3.00 " "	3 " " " " " "
4 " " " " " "	1.50 " "	12.00 " "	4 " " " " " "
5 " " " " " "	2.00 " "	15.00 " "	5 " " " " " "
6 " " " " " "	4.00 " "		
7 " " " " " "	6.00 " "		
8 " " " " " "	9.00 " "		

From seed boxes. \$25.00 per 1000.

BOSTON FERNS. We have extra strong bushy plants in the following sizes: 5-in., \$1.00 per doz., \$20.00 per 100; 6-in., \$3.00 per doz., \$35.00 per 100.

We are sold out of Nephrolepis Wittboldii in sizes larger than 4-inch at \$3.00 per doz. If you want any of these order at once—they are going fast.

FOR COMPLETE LIST OF STOCK SEND FOR OUR NEW CATALOGUE.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

Araucaria Excelsa

Fine Plants, 6-in. pots, 2 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,

6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

2,000 Asparagus Plumosus,

Fine, Strong Plants, 3-inch pots, \$6.00 per 100.

Dracaena Indivisa,

5-inch pots..... \$25.00 per 100.

ROSES.

Fine, strong 3-year-old field-grown White Maman Cochet, \$10.00 per 100.

ISAAC H. MOSS,
Govanstown, BALTIMORE, MD.

Mention The Review when you write.

PRINCESS OF WALES VIOLETS

2 1/2-in., strong, \$3.00 per 100, \$25.00 per 1000.

CARNATIONS	Marquis.....	\$6.00 per 100
	E. Crocker.....	6.00 " "
	Alma, new rose pink.....	6.00 " "
	Genevieve Lord.....	6.00 " "
	Armasindy.....	5.00 " "

DRACAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIEGATED VINCA, field, \$4.00 per 100.

C. Merkel & Son, Mentor, Ohio.

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Burpee's Seeds Grow

SPECIAL

Clearing Sale

The following stock is occupying two of our propagating benches which we need at once, and to move quick we will offer the following stock guaranteed in **FIRST CLASS** condition and worth twice the money: **15,000 Geraniums**, from 2 1/2-inch pots, S. A. Nutt, Alp. Ricard, Frances Perkins, E. G. Hill, Beaute Potrivine, La Favorite, La France, Mme. Jaulin, \$1.50 per 100; \$15.00 per 1000.

5,000 Asp. Sprengeri, strong plants, from 2 1/2-inch pots, \$1.25 per 100; \$12.50 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Crown Cool.

J. B. HEISS,

The Exotic Nurseries, DAYTON, OHIO.

SEND FOR PRICE LIST.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST

HAIL

For Particulars Address

JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.

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BOSTON FERNS.

6-inch pots, 20 to 25 fronds, \$1.50 per doz.; \$10.00 per 100.

4-inch pots, 10 to 12 fronds, 75c per doz.; \$6.00 per 100.

2 1/2-inch pots, strong, well established, \$3.00 per 100; \$25.00 per 1000.

ASPARAGUS PLUMOSUS. 4-inch pots, nice shapely plants, \$1.00 per doz.; \$8.00 per 100.

2 1/2-inch pots, \$4.00 per 100; \$35.00 per 1000.

ASPARAGUS SPRENGERI. 2 1/2-inch pots, \$2.50 per 100; \$20.00 per 1000.

UMBRELLA PLANT. 2 1/2-inch pots, \$2.50 per 100; \$20.00 per 1000.

GERANIUMS. Best double varieties, 2 1/2-inch pots, \$2.50 per 100; \$20.00 per 1000.

CASH WITH ORDER PLEASE.

JOHN A. DOYLE CO., - Springfield, Ohio.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Maid's & Brides

Large bushy plants, 3 1/2-in., \$3.75 in., \$2.50 2 1/2-in., \$1.25 per 100. Big bargain, worth double the money. The 3 and 3 1/2-in. are very choice, and will be packed light. Jubilee and McGowan, \$3 a 100; field-grown.

W. H. GUILLET & SONS, Lincoln, Ill.

Mention The Review when you write.

HARTFORD, CONN.

Violets have been in good demand, being used in New Haven on the occasion of Yale's bi-centennial.

Large quantities of first-class flowers were used at the funeral of Admiral Huxce last week.

President Roosevelt was a visitor last week in Farmington, a suburb of this city. A slight flurry in the trade was the result; however, Hugh Chesney was equal to the occasion. Mr. Chesney is the only grower of American Beauties in this section and he does them well.

Carnations are troubled by a small green worm eating holes through the young growth. Marquis seems to suit their palate about right, but tobacco dust liberally applied holds them in check.

Connecticut has sent to Buffalo this week 800 chrysanthemum blooms; 400 being sent on the 28th inst. contributed by the following:

Mrs. Elizabeth Colt, John Combs, Geo. S. Osborn, Alfred Whiting, G. W. McChmie, Thos. Dryden, Elizabeth Park Nursery and J. E. Huns, gardener for Jas. J. Goodwin. Special mention should be made of Mr. A. X. Pierson's contribution consisting of 200 specimen blooms.

Pres. T. J. McReynold, of the Hartford Florists' Club, has been the prime mover in Connecticut's exhibit at the Pan-American and certainly deserves great credit for his earnest work. O.

EVANSVILLE, IND.

Business is still active, especially in funeral work. Had a large funeral order from our Kentucky neighbor yesterday which kept all hands busy the whole afternoon. Would like to be kept just as busy every day during the winter.

Roses are looking well. Brides, Bridesmaids, La France, Perles and Golden Gates are just humping themselves, so to speak. The hold-overs are doing well in the way of bloom and growth; better than the young stock. Carnations are holding their heads up—seem to be slightly gone of themselves. Well, they are not to blame, as nearly everyone you see these days is troubled in the same way. Chrysanthemums are coming on nicely. The earlier varieties will be in bloom the early part of next month and possibly a few the latter part of this month.

Julius Niednagel has given up his store in town and moved his establishment to the corner of Lincoln and Kentucky avenues. He has four houses and his stock looks well.

Ben F. Kramer, at the corner of Eighth and Walnut streets, is doing a good business. He has one of the best stands in town in a good residence neighborhood and close to the union depot.

Wm. Blackman has one of the finest city stores in Indiana; everything is up to date. It is near the corner of Fourth and Main streets, a splendid location. He is always busy, as he desires to be. His greenhouses are on Slaughter avenue about three miles from the city hall.

J. H. Wade & Co. have moved from 124 Main street to 221 Upper Second street which is just around the corner from their former location. They are nicely located and expect to do a big business.

J. H. W.

ORANGES.

Best named sorts, beautiful bushy plants, blooming size, grafted two years, 12-inch, \$30.00 per 100.

CALADIUMS.

40 best named sorts, dry bulbs, 1 1/2 to 2 1/2-inch in diameter, \$10.00 per 100, \$60.00 per 1000; 1 to 1 1/2-inch diameter, \$8.00 per 100, \$70.00 per 1000.

FICUS ELASTICA.

Top cuttings, 12-inch\$30.00 per 100.

PHOENIX--Farinifera, Pumifa and Reclinata.

4-inch pots, 12-inch, 5 to 6 leaves, 1 to 2 leaves showing character, \$15.00 per 100.

6-inch pots, 24 to 30-inch, 6 to 8 characterized leaves; **VERY FINE**, \$75.00 per 100.

PHOENIX--Sylvestris and Tenuis.

5-inch pots, 20 to 24-inch, 5 to 6 characterized leaves; **FINE**, \$25.00 per 100.

6-inch pots, 30-inch, 6 to 7 characterized leaves; **FINE**, \$60.00 per 100.

6 to 7-inch pots, 34 to 36-inch, 9 to 11 characterized leaves, **VERY STOCKY**, \$80.00 per 100. Not less than 50 of a class at above rates.

P. J. Berckmans Co.,

INCORPORATED.

Fruitland Nurseries, AUGUSTA, GA.

Mention The Review when you write.

FINE PANSY PLANTS

\$4.00 per 1000, 50c per 100.

Chinese Primulas, white only, 2 1/2-in.....	Per 100	\$ 1.25
Asparagus Plumosus Nanus, 3-in.....	5.00	
Asparagus Sprengeri, 3-in.....	4.50	
Smilax, 2 1/2-in.....	1.00	
Lantana Borbonica, 2 1/2-in.....	3.50	
Kentia Belmoreana, 3-in.....	12.50	
Kentia Forsteriana, 3-in.....	12.50	
Pansy Seed, choice mixed, \$3.00 per oz.		
Pansy Plants, 50c per 100 by mail, \$4.00 per 1000 by express.		

CASH

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

THRIFTY FIELD.....CARNATIONS

WITH PLENTY OF ROOTS

READY NOW All the best varieties. Write for prices.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

20,000 Field-Grown..Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching.

Flora Hill, Melba, Crocker, G. Lord, B. Lipincott, America, Crane, Maceo, Braidt and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.

Mention The Review when you write.



HITCHINGS & CO.
233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING,
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

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We are now ready to book orders for

Carnations
AND
Chrysanthemums

We have all the new varieties at reasonable prices. If you live west of the Mississippi give us a trial order.

Salt Lake Floral Co.
SALT LAKE CITY, UTAH.

Mention The Review when you write.

Chicago Carnation Co.'s

Two Finest Carnations,
MRS. POTTER PALMER (scarlet),
MRS. H. N. HIGINBOTHAM (light pink),
will be introduced the coming season.
Mention The Review when you write.

STRONG, HEALTHY, FIELD-GROWN Carnation Plants!

Flora Hill, Crane and Marquis,
\$4.00 per 100, \$35.00 per 1000.
Mrs. A. M. SCHAFFER, 277 Balmoral Av., Chicago
Mention The Review when you write:

CARNATIONS...

FIELD PLANTS. Speak Quick if you want them.
Genevieve Lord, the best pink, strong,
1st size, \$8.00 per 100, \$70.00 per 1000; 2d size, \$5.00 per 100, \$45.00 per 1000.

Chrysanthemum Stock Plants, write for varieties and prices.
H. WEBER & SONS, Oakland, Md.
Mention The Review when you write.

CARNATIONS
F. DORNER & SONS CO., LaFayette, Ind.
Mention The Review when you write

Carnations..

We have left 200 Jubilee, 1000 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100, 1000 New York and 200 Scott at \$5.00 per 100.

VIOLETS—500 Swanley White and Lady Campbell, from 2 1/2-inch pots, at \$2.00 per 100.

GRABB & HUNTER, Grand Rapids, Mich.
Mention The Review when you write.



LORRAINE BEGONIAS

....We Offer in Prime Condition

BEGONIA		BEGONIA	
GLOIRE de LORRAINE.		PINK GLOIRE de LORRAINE	
2-inch pots.....	\$15.00 per 100	2-inch pots.....	\$15.00 per 100
3 " " " " " "	50.00 " "	3 " " " " " "	25.00 " "
6 " " " " " "	75.00 " "	6 " " " " " "	75.00 " "
BEGONIA GLOIRE de LORRAINE "ERECTA COMPACTA."			
2-inch pots.....	\$15.00 per 100	3-inch pots.....	\$25.00 per 100
		6-inch pots.....	\$75.00 per 100

This special offer is made to reduce our stock to a certain limit of space which we can devote to this plant, and will be withdrawn as soon as reduced to this limit. Without a doubt, the demand for this, the most important and valuable of all winter flowering plants, will this season again be far in excess of the supplies now in sight.

While all the Lorraine Begonias are difficult plants to handle during the spring months, we know of no other soft wooded plant which grows so freely at this season of the year, and with the most ordinary facilities you will have no difficulty in successfully growing now, and flowering it at a handsome margin of profit for the holidays.

To give best results, the larger sizes, above three-inch, must be shipped in pots.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

Queen Louise Carnation.

Being sold out of field-grown plants of this grand variety we are now booking orders for rooted cuttings for early delivery.

Price \$5.00 per 100; \$45.00 per 1000

VERBENAS

We have increased our facilities and hope to fill all orders promptly this season.

4 1/2" - 20,000 rooted cuttings now ready of our sixty finest varieties.

Price \$2.50 per 100; \$20.00 per 1000

J. L. DILLON,
BLOOMSBURG, PA.

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Dayton Floral Co.

DAYTON, OHIO.

Fine Field Vinca Var.

Vines,

For 4 and 5-in. pots,

\$3.50 per 100, **CASH.**

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XXX SEEDS

PANSY—FINEST GIANTS. Critically selected; 4000 seeds, \$1.00; half pkt., 50c.

CYCLAMEN GIGANTEUM. Giant flowering, mixed. 500 seeds, \$1.00; half pkt., 50c.

CHINESE PRIMROSE. Finest grown, 15 Vars, mixed; 500 seeds, \$1.00; half pkt., 50c.

CINERARIA. Finest dwarf. 1000 seeds, 50c.

JOHN F. RUPP, - - - Shrewmanstown, Pa.

The Home of Primroses.

Mention The Review when you write.

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LAST CALL FOR FIELD-GROWN CARNATIONS!

3000 Mrs. Frances Joost and 3000 Wm. Scott. Good first-class plants—as good as you can possibly buy—**\$1.50** per 100, **\$15** per 1000, as long as they last.

HARMS PARK FLORAL CO. BERTEAU AVE. CHICAGO.

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AMERICAN BULB CO., WHOLESALE BULB GROWERS, PETERSBURG, VA.

SPECIAL OFFER OF

Narcissus and Daffodil Bulbs

Before Replanting.

All best forcing stuff. Paper White (Totus Albus Grandiflorus), Emperor, Sir Watkin, Golden Spur, Barrt Conspectus, Empress, Double Von Ston.

Lowest Prices quoted on application.

Mention The Review when you write.

500 Anemone japonica "WHIRLWIND."

Large Field-Grown Clumps.

One of the loveliest of fall flowers, with a quality of distinction all its own.

Fine for herbaceous borders.

Long stems for cutting,

\$2.50 per doz., **\$18.00** per 100.

WM. B. SANDS,

Lake Roland, BALTIMORE, MD.

Strong Field-Grown CARNATION PLANTS.

Armazindy, Bradt, White Cloud and Evanston, \$4 per 100; \$35 per 1000. Stock in extra fine shape.

POELLMANN BROS. COMPANY, Norton Grove Cook Co., Ill.

Mention The Review when you write.

Have a Look.

GERANIUMS:	Per 100
Silver Leaf, 2 1/2-inch.....	\$4.00
Mrs. Fulleck, 2 1/2-inch.....	4.00
Happy Thought, 2 1/2-inch.....	4.00
Mars, 3 1/2-inch, bloom.....	6.00
Mars, 2 1/2-inch, bloom.....	4.00
Mrs. Parker, 2 1/2-inch.....	6.00
Rooted Cuttings, standard varieties.....	1.75
per 1000,	\$15.00.

Violets, 3-inch.....	4.00
Forget-Me-Not, "Winter", 2 1/2-inch.....	3.00
Cinerarias, fine plants.....	\$4.00 and 5.00
Dracena, 2 1/2-inch.....	3.00
Alyssum Double Giant, 2-inch.....	3.00
Var. Stevia, 2-inch.....	2.00
Coleus Verschaffeltii, 2-inch.....	2.00
Vinca Var., R. Cuttings, per 1000, \$10.00.....	1.25
Fuchsia, named, R. Cuttings.....	1.50
Lennox Verbena, ".....	2.00
Begonia Rex, ".....	2.00
Vinca, 2 1/2-inch.....	\$2.00 and 2.50
Jerusalem Cherry, 4, 5 and 6-inch.....	\$10.00 to 25.00
Abutilon Savitzi, R. Cuttings.....	2.00
Fuchsias, 2 1/2-inch, named.....	4.00
La France Violets, 4-inch.....	6.00
Heliopsis, 3-inch.....	6.00
Aspidistra, variegated and green.....	6.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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This paper is a member of the Chicago Trade Press Association.

The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This Index covers only those having displayed advertisements. There is a host of others making offers in our classified ads and they will be found there under their proper headings.

American Bulb Co.,	701
American Rose Co.,	673
Arnline, E. C.,	688
Bail, C. D.,	689
Barnard, W. W. & Co.,	673
Bassett & Washburn	688
Bayersdorfer & Co.,	674
Beckert, W. C.,	689
Bentley & Co.,	688
Berchmans Co., P. J.,	740
Berger, H. H. & Co.,	674
Berning, H. G.,	688
Brinkerhoff & Barnett	688
Engraving Co.,	702
Buckley Plant Co.,	680
Budlong, J. A.,	688
Burpee, W. Atlee & Co.,	689
Caldwell The Washburn Co.,	689
Chicago Carnation Co.,	700
Cincinnati Cut Flower Co.,	688
Classified Advs.,	680
Cottage Gardens,	689
Craze & Hunter,	704
Crowl Fern Co.,	688
Cunningham, Jos. H.,	695
Davison Floral Co.,	701
Dietsch, A. & Co.,	703
Diller, Caskey & Co.,	702
Dillon, J. L.,	702
Dorner, F. & Sons Co.,	700
Doyle Co., J. A.,	688
Dreer, H. A.,	698-699-704
Ellis, Fred,	704
Ellis, F. M.,	688
Esler, John G., Sec'y,	690
Frank,	689
Garland, Geo. M.,	704
Gelber, Sigmond.,	674
Go.,	704
Greene & Underhill,	701
Gullett, W. H. & Sons	689
Hall, W. E.,	700
Hammond, Benj.,	703
Hancock, Geo. & Son,	700
Harms Park Floral Co.,	701
Headcock, J. B.,	688
Heiss, J. B.,	689
Herrmann, A.,	674
Hill Co., E. G.,	690
Hippard, E.,	703
Hitchcock & Co.,	700-702-704
Holtz & Hunkel Co.,	689
Hunt, E. H.,	687-688
Irene Bros.,	703
Johnson & Stokes,	685
Kasting, W. F.,	673
Kellogg, Geo. M.,	689
Kennicut Bros. Co.,	673
Konkey Tobacco Product Co.,	703
Kroeschel Bros. Co.,	704
Kuehn, C. A.,	688
Kuhl, Geo. A.,	698
Lager & Hurrell.,	674
Ley, J. H.,	698
Lehman Bros.,	702
Linthicum, J. S.,	686
Long, D. B.,	701
Lovi & Barakoff.,	704
McKellar & Winter-son,	689
Merzler, C. & Son.,	629
Michell, H. F.,	673
Michigan Cut Flower Exchange,	680
Miller, J. W.,	698
Mitting, A.,	685
Moutonier Co., C. J.,	704
Moon Co., W. H.,	698
Morris Floral Co.,	689
Moss, Geo.,	689
Moss, Isaac H.,	699
Niessen, Leo.,	685
Palen Co.,	703
Parker-Brien Co.,	703
Pennoek, S. S.,	685
Pittsburg Cut Flower Works,	685
Posching Bros. Co.,	688-701
Pollworth Co., C. C.,	688-702
Quaker City Machine Works,	704
Randall, A. L.,	688
Rawlings, E. L.,	685
Reed & Keller,	674
Regan Pkg. House.,	703
Reid, Edward.,	685
Reinberg, P.,	684
Rice, M. & Co.,	674
Robinson, H. M. & Co.,	700
Rupp, John P.,	701
Salt Lake Floral Co.,	700
Sands, W. B.,	704
Schafer, Mrs. A. M.,	700
Schultz, F. W. O.,	673
Seaburg, S. S.,	688
Skabeura Dip Co.,	703
Smith, N. & Son.,	674
Soltan, Chir.,	689
Thaden, H. & Co.,	703
Thorburn, J. M. & Co.,	674
Tobacco Warehouse and Trading Co.,	704
Vesey, W. J. & S.,	674
Vincent, Jr., E. & Son	688
Weber & Sons.,	700
Welland & Risch.,	688
Whitlin Pottery Co.,	702
Whitton, S.,	698
Whitton & Son.,	698
Victor Bros.,	704
Wilcox, J. F.,	674
Wilks Mfg. Co.,	704
Withrow Co.,	689-690
Young, J. W.,	680
Ziegler-Hunter and Pottery Co.,	702
Zirngiebel, D.,	689

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JERSEY CITY LONG ISLAND CITY

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Patent Iron Bench Fittings and Roof Supports,

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Send Four Cents for Catalogue. And Ventilating Apparatus

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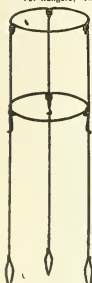
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NOTICE!

The Model Plant Stake Co., of 226 No. 9th St., Brooklyn, N. Y., has removed to 430 Kent Ave., Brooklyn, N. Y., and is now The Parker-Bruen Mfg. Co.

The Model Extension Carnation Support.

Galvanized Steel Rose Stakes,
Pol Hangers, Plant Stakes and Tomato Supports.



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E. ASSMUS.

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(Formerly Model Plant Stake Co.)

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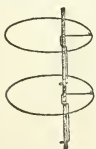
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Also Galvanized Steel Rose Stakes.

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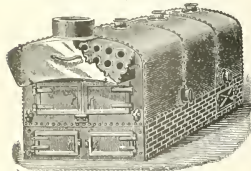
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The REVIEW is all right and at present I think it is the best of the three trade papers. LUCIUS S. FIFE, Shelburne Falls, Mass.

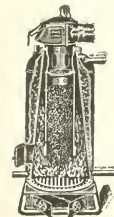
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WITH
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Fumigating Compound.

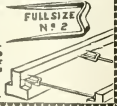
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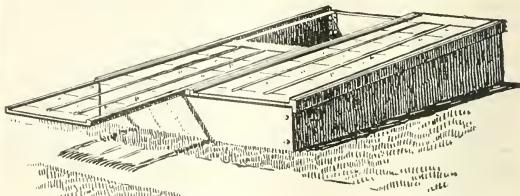
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Challenge Ventilating
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Write for Catalogue
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of the Florists' Review will be issued
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PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . GREENHOUSE BUILDING

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Casson Building, CHICAGO.

Vol. VIII.

CHICAGO, NOVEMBER 7, 1901.

No. 206.

\$ ASPIDISTRA! \$

Pot-grown plants, the green and variegated leaves. Have bought a large stock of both. Leaves measuring from 20 to 30 inches, **in perfect condition.**

Write for prices on the above, as well as all other bulbs, roots and plants.

\$ F. W. O. SCHMITZ, \$
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TO GET STRONG PLANTS AND AVOID RUST Sow **Verbena** Now! Seed

Deal with us once you will deal with us always.

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Quarter ounce, 50 cents. One ounce, \$1.50.

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AND DEALERS IN All Kinds of Florists' Supplies,
42 and 44 E. Randolph St., CHICAGO.

SPECIALTY: WHITE VIOLETS
WHITE VIOLETS
WHITE VIOLETS

WM. F. KASTING

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COMMISSION
FLORIST....

ROSES, CARNATIONS

And all kinds of Seasonable Flowers in stock.
ALSO DEALER IN FLORISTS' SUPPLIES AND WIRE DESIGNS.

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Open from 7:30 a. m. to 6:30 p. m.



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Give Us a Trial. We Can Please You.

Surplus Hyacinth Bulbs.

First Size, EXTRA FINE, SELECTED STOCK.

WHITE—Alba Superbissima. Baron von Thuyll, Grandeur a Merveille, Mme. Vanderhoop, etc.

BLUE—Argus. La Peyrouse. Leonidas, etc.

RED AND ROSE—Norma. Lord Maenulay, Gigantea, Roi des Belges and others.

First Size, \$6.25 per 100; Second Size, \$3.50 per 100.

AZALEAS. We have a limited stock of well shaped plants.

10 to 12-in., per doz., \$1.50; 12 to 14-in., per doz., \$6.00; 14 to 16-in., per doz., \$7.50. Special prices will be quoted for case lots.

W. W. BARNARD & CO. 161-163 EAST KINZIE ST., CHICAGO.

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AMERICAN ROSE COMPANY, - WASHINGTON, D. C.

Helen Gould

Largest stock in the world of this grand rose. Orders filled for ONE HUNDRED or ONE HUNDRED THOUSAND, Quality guaranteed.

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Our Second Large Shipment of IMPORTED BIRCH BARK CROSSES,

finer in every respect than the imitation common domestic ones that are being offered. Ours are no higher in price. Don't fail to send us your Christmas orders at once, so as to avoid disappointment. All sizes, either straight or slanting, from 16 inches to 48 inches long. We are selling them to the leading florists throughout the country.

Our stock of XMAS NOVELTIES is now complete and immediate orders will receive our prompt and personal attention.

M. RICE & C.

Importers and Manufacturers,

Leading Florists' Supply House.

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Col. Appleton, Primo, R. Hooper-Pearson, 10c each.

White Fitzwygram, Yellow Fitzwygram, Jerome Jones, Autumn Glory, Lady Harriott, 10c each; \$1.00 per doz.

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Cash or C. O. D.

W. J. & M. S. VESEY, Ft. Wayne, Ind.

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H. Bayersdorfer & Co.

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Manufacturer of Floral Metal Designs, Importer and Dealer in Florists' Supplies, FACTORY, 709 First Ave., bet. 40th and 41st Sts.

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119 & 122 West 25th St., NEW YORK, N. Y.

Manufacturers of..... Florists' Wire Designs, Importers and Dealers in Florists' Supplies.

Galax Leaves and all Decorative Greens. Mention The Review when you write.

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Von Sion, Mammoth double nose 30 175 16.00
Giant Princeps..... 15 85 6.50
Stella Incomparable..... 15 60 5.00
Mixed Single or Double, choice sorts..... 15 75 6.00
Mixed Trumpets, superfine..... 15 100 7.00
HYACINTHS, Blue French Roman..... 25 150 14.00
Dutch, extra 1st size, named..... 85 6.00
Dutch Mixed, separate colors..... 50 3.50 32.00
Dutch Roman or Miniature, named..... 40 2.50 24.00
Jonquil Rigulosus, great..... 10 60 5.00

TULIPS in finest named sorts, 10 per cent. off catalogue prices as long as stock lasts. Write for quotations on large lots. Cottage Maid, D. de Parme, Chrysantheum, D. v. Thol, Rosamund, Pottebakker, K. Kroon, La Candeur, Imp. Kuroboron, Mon. Tresor, Parrots, Greig, etc.

Lil. Longiflorum—Japan grown..... 12 100 1000
387..... \$ 40 \$2.00 \$17.00
628..... 50 3.00 25.00
785..... 60 4.00 35.00
Early Longifl. Multiflorum..... 50 3.00

Two weeks earlier, profuse bloomer, 739..... 75 5.00 45.00
Lil. Auratum, Lil. Rubrum, Albom, ready in 800, 921, 1112 inch sizes.
Calla Richardia, Spotted Calla, extra strong bulbs, 12 for 50c; per 100, \$3.00.
Very fine flowering bulbs, 12 for 40c; 100, \$2.00.
Freesia Leichtlin, golden yellow, beautiful, per 100, 50c; per 1000, \$7.50.

SEEDS. FRESH CROP KENTIA Seed, every seed germinative, per 100, 50c; per 1000, \$4.00. Asp. Sprengeri, fresh crop, per 100, 35c; per 1000, \$2.00. Cyclamen Persicum Giganteum, in separate colors or mixed, per 100, 60c; per 1000, \$5.00. Saxifrag. Seed, per oz. 30c; per lb. \$2.00.

VALLEY—Lily of Valley ready by 20th. Empire brand, the finest out, per 100, \$1.50; per 1000, \$12.00; cases 2.50, \$27.50. Very fine stock, per 100, \$1.25; per 1000, \$10.00; cases, 2.00, \$22.50.

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Carex Japonica Variegata, 2 1/2-inch pots, \$2.50 per 100.
Cyperus Alternifolius, extra strong, 3-in. pots, \$3.00 per 100.
Neprolepis Cordifolia, 3-in. pots, \$3.00 per 100.
Neprolepis Davallioides Furcans (Crested Fern), 3-inch pots, \$2.00 per doz.
Pteris (Forbesii or Baby), in bloom, 2 1/2-inch pots, \$1.00 per 100.
Violas, Princess of Wales, field grown, \$4.00 per 100. California, field grown \$4.00 per 100. The above Violas are in bud and in bloom.
NATHAN SMITH & SON, Adrian, Mich.

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Our Wholesale Price List of High Class Bulbs and Flower Seeds for Florists has been mailed to the trade. Anyone who has not received a copy is invited to send for it now. We are the oldest bulb importing firm in America.

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BOSTON FERNS.

A Fine Lot of Good Bushy Plants in All Sizes.

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THE RETAIL FLORIST.....

Exhibitions.

There were quite a few prominent florists who traveled long distances to visit the New York show for the purpose of seeing what was worth emulating, but it was a case of sad disappointment to all. The retailers left the show seferely alone. The principal reason the New York retailers didn't compete at the show, as given in personal interviews, is that the system of judging here is such as to be ignored by every man whose ability is worth considering. In several instances at the recent show the three judges had no less than twenty volunteer judges assisting them; even exhibitors "touched up" and arranged their exhibits whilst judges were passing on them. There may not have been anything amiss in the awards made, but the system is faulty.

We note in the classes for table decorations at the Chicago show a set price is put upon the materials to be used. That's very fine in theory but scarcely practicable. There is no one able to put a set price on this kind of work, because in every city there is a vast difference in price. How can a Bowery florist expect to get Broadway prices? And doesn't the same thing apply to all other cities? The only way to test ability and one that should be adopted at all shows, is to provide or confine all to the same amount or class of material and judge the arrangement.

In this week's issue you will notice illustrations of the work done at the New York show. There was only one table shown. The flowers were arranged just a little too high, there were too many cut ferns on the table, and the fern plants were too abrupt. All this is easy to avoid. You should always sit down and size up your decorations and be able to see over them or under them. The table was illuminated by electricity. This manner of lighting up tables at the present time is confined to club or stag parties; it is not yet adopted in first class private houses. We only mention this in answer to inquiries. You are at liberty to choose your own method at exhibitions, but every dinner table should be illuminated.

There were four bridal bouquets shown—all on the shower style. You will notice an abundance of ribbons on the prize winner. One had broad cream satin and narrow gauze, which makes a much lighter effect, another had white satin and same in narrow ribbon; it was too dense and would have hidden any dress. This ribbon business is sadly overdone. You need not consider this as the prevailing style of New York bridal bouquets. We have others more ideal on which ribbons play a very subordinate part. In fact if you want to do the right thing now, tie your bouquet with lace to match or harmonize with that on the bride's dress. Thorley is introducing chiffon lace over taffeta ribbon on fine work. He had some in his window last week embellishing chrysanthemums.

The basket of orchids shown would have been nigh an impossibility twelve or fifteen years ago. The handle was twisted with tissue paper, then bound in mauve ribbon. The sprays on the handle are *Oncidium varicosum*, the rest is *Cattleya labiata* and *A. Farleyense*. All the orchids were stemmed on sticks with wet moss; glass tubes might have been used to better advantage inasmuch as the basket had to stay on exhibition several days.

Notes.

Some very pretty window decorations are occasionally seen these days. In one

more than twenty four hours and you can stick a few in almost anything. There are of course occasions where strict orders are given not to use these flowers, but the small retailer can use an immense quantity if there be any trade at all.

We know hundreds of cases where small growers retail their stock and often these men and women worry themselves over their inability to make things up equal to city styles. They will go to the village or travel to the city for ribbon, or to buy things inferior to what they have under their nose at home. You need never bother yourself about ribbons if you have plenty of greens. When you are tying a flat bunch of chrysanthemums select the stiff ones for the end and sides. We stick a No. 19 wire in the heads of the weakest. The majority of the flowers in a flat bunch should face up; their beauty is lost if you can only see their side. The heart of the flower is its center of beauty. A few clean sprays of ivy, asparagus or highly colored delicate autumn foliage is best to use, and never let the bulky



First Prize Basket of Orchids at the New York Show.

particular case immense shower effects with *Oncidium varicosum* over white sash ribbon was most attractive.

Large chrysanthemums are the flowers most generally used and we are glad to note there is more attention, at least more regard paid to tender nerves. But what a blessing chrysanthemums are anyhow. We must not forget they are the poor retailer's savior on many an occasion, for whilst they are in season you have always something to fall back on, something that will keep in your store

string twisted stems be seen. Finish the end of your bunch with a few choice flowers and vines.

A very beautiful casket cover was recently made by Stump on Fifth Avenue; Fränk Schlosskauf was the artist. Violet colored Porto Rican matting in double thickness was used instead of wire for the foundation. This was completely covered with wired and unwired violets. The ends of the covers were looped with garlands of *Cattleya labiata*. It was most effective. The matting matched the

violets, was easy to arrange on, hung better and can be commended instead of the cumbersome heavy wire frame for this class of work.

Many will be anxious about what to use at show decorations. We can recommend John Cook's new rose "Baltimore." It is a great beauty, a white rose with a red heart. Then there is John May's Mrs. Oliver Ames, a grand light pink rose, and Liberty or Testout; Bridesmaids, Bride, Perle and such will stand a poor chance against the ones mentioned. Novelty is what you want, at least in flower; if you don't the people in your town do, and you had better get some of those available.

This is the time to look out for where you can get the right sized conifers to fill window boxes and vases. This class of work is always done in a hurry up way and usually with rootless shrubs that have been dug out of frosted ground with the pick ax. Such cannot be expected to live, and it is only the weather that helps to retain their color for a week or so. Have your conifers dug and shipped with care while the ground will permit, or arrange to have some put in sheds for use when wanted; you will need them later. This is a part of the business that should be worked up by suggestion and proper attention.

We haven't much that's new this year so far. Some of the Broadway florists have been showing fancy cut flower boxes elaborately trimmed with ribbons and sprays of flowers. These are used only for special occasions. They are good to make a first impression with. Plant trade promises to be very good. Clean, sturdy stock is selling well. **IVERA.**

CHRYSANTHEMUM NOTES.

I have been interested in reading Mr. S. Vesey's notes on the times the varieties flower with him. I note he remarked that Robinson will be in by Nov. 1st. Now we always commence cutting by the 20th of October and can at that time always command a price of \$5 a dozen. Markets differ, of course, but we can find nothing in its season to take the place of Robinson.

This variety took the silver cup offered by the C. S. A. this year, and a more perfect lot of flowers could not be staged; every flower was exactly 22 inches in circumference and 22 inches over. Let anyone having what he thinks are pretty good flowers, measure a few of them and see how many come up to this standard.

Soliel d'Octobre as an early yellow is a hard variety to beat. Crown buds were developed by October 15 and of perfect form and finish. No grower can make a mistake in planting this variety extensively.

Closely following on Octobre comes Sunderbruch, and while this is an old variety, its fine color and artistic finish make it a ready seller with us. It was ready for cutting by October 20, and at this date, November 2, is still in excellent shape, what few are left.

Hurrell is a very fine second early yellow, and we are now cutting it extensively. The color is good and keeping qualities excellent. It is essentially a commercial variety for it produces no culls, and the entire bench can be cut clean away, and marketed as good flowers.

Appleton certainly is a handsome thing and is also a variety that will produce a good flower from every stem. We commenced cutting on October 24 and almost

the entire cut averages the same in size of flower, 20 to 21½ inches in circumference, and 20 inches over. Appleton has a trick of sending up a few petals in the center of the flower above the surrounding petals, but if the flower is left on for a few days, the other petals will come up and make the flower symmetrical enough for all ordinary purposes. This variety is today certainly the best yellow we have. Its one time rival, Gold Mine, seems to have dropped out of sight.

I agree with Mr. Vesey in his statement regarding Mrs. Elmer D. Smith. It certainly does damp easily. We will not condemn it harshly, however, without another trial, for it is a splendid color, and as perfect in form as Bon-



First Prize Bridal Bouquet at the New York Show.

naffon, whilst coming as large again. If it were not for its damping propensity it would beat even Appleton, for Appleton looks very pale in color alongside of it.

Trainer L. Park has made a fine growth this year, but the flower can hardly be called a success. It is heavily streaked with bronze and is very rough at present. Park will carry us on till Wedding is ready, and this is our latest yellow, and still unbeaten in its class.

A yellow that was put up before the New York committee last week under the name of Josephine, turns out to be simply Robt. Halliday. The committee added a rider to their report stating that the variety resembled Halliday, and anyone seeing the two together can see that they are one and the same thing.

A pink (of European introduction un-

less I mistake), Mrs. Coombs by name, has made a good impression and will be tried more extensively next year. We are very shy on pinks and this variety is a good shade of color. It resembles Morel in style and color but the petals are broader. Ready for cutting October 24.

In whites we are just through with Robinson, which has been phenomenally fine, and now have Weeks, Madam Deis and Mrs. J. Lewis all ready for cutting. Weeks, as everyone knows, is very soft and has to be handled as tenderly as a new born babe if it is to be kept from getting bruised.

Mrs. J. Lewis is very pure but not large enough and will not be grown again.

Madam Deis is a loose, graceful reflexed variety that produces a wonderful flower from a very thin stem comparatively speaking. It is not one of the types that become popular as commercial varieties, but is all right for a limited first class trade nevertheless. The crown bud should be taken in handling Deis. It is far the most satisfactory bud. This variety is almost an exact counterpart of an older French variety, Mdlle. Therese Rey, but a much easier thing to handle.

What shall we say of Eaton, the "giant" white? It certainly is a very giant among its fellows. I have handled many mums but never one like this. The flowers will not be developed for a week yet but they are simply enormous at the present time. Many of them are already 24 inches in circumference, and 23 inches over. It seems to us that the introducer, Mr. Miller, did not begin to bring out the possibilities of this variety so far as size is concerned. And our flowers are finishing full and perfect in the center without that eye, that Wanamaker center, that we heard so much of last fall.

The plants range from 5½ to 9 feet in height, according to the bud taken, and in our thousand plants the percentage of loss is very slight indeed. It makes all the difference in the world whether a variety produces 95 or 75 per cent of fine flowers, from a financial point of view.

Nellie Pockett produces a very fine flower from the crown bud, but the later bud is deficient in petalage, and shows an eye as soon as developed. It is a very artistic flower and of ideal habit, but coming in as it does with Robinson on October 20, is not of so great value as it would be a little earlier.

A new variety to us that we will give a more extended trial next year, is Miss Alice Byron. The flower is on the style of Weeks, equally as pure in color, and with a full center. It will easily supplant Weeks if it will assume a little more robust habit.

The season has so far been very good for the perfect development of flowers. Bright days and cool frosty nights without damp and fog, and the net returns ought to average up better than for the past year or two. **BRIAN BORU.**

JUDGING BY POINTS.

Just a few words in reference to the matter of judging chrysanthemum novelties by points.

I have felt for years that it was not just to give a variety such as Iolantha 85 points, when such sorts as Timothy Eaton and Mrs. Elmer D. Smith receive only 95 or 96 points. Judged by the same standard a conscientious judge could not give the first named variety



Wm. Duckham's First Prize 36 Blooms in 6 Varieties at the New York Show.

more than 75 points unless he gave the last named sorts over a hundred, and as there can be but one scale for all and as the extra early ones are the money makers, and we all want them as fast as introduced, I suggest the following plan as a practical way to overcome the difficulty.

Score an early variety as severely as a midseason sort, giving it simple justice, and taking November as our standard of judgment, work backward from November 1, giving two points for earliness for each seven days backward from November 1, the same to be added to the number of points honestly won, judged by the high standard of a November variety.

For instance, if a sort scores on Oct. 3, 77 points, that variety would be entitled to 8 points for earliness. The 8 points added to the 77 would bring the score up to 85, which would entitle the variety to a certificate of merit, and purchasers of the sort would understand the facts in the case without any footnote of recommendation from the judges.

Had the committee judging "Opah," for instance, given it 79 points on merit and 8 points for earliness, to which it would be entitled according to my plan, it being in by Oct. 2, it would have secured a certificate, and when I purchased the variety I would know just what to expect of it.

I trust I have expressed my thought and plan clearly, and would urge any one having a better plan to suggest to bring it forward at once that the present difficulty may be overcome before another October rolls around. I some time since called the attention of President Herrington to this plan and he

gave it his approval, but did not wish to bring the matter before the society as his own suggestion and advised me to place the plan before the chrysanthemum world through the medium of the trade press, and as I think this an opportune time I trust you will give space in the Review to my suggestion.

REYLAS

October 24, 1901.

CHRYSANTHEMUM SOCIETY OF AMERICA.

During November the dates for committees to examine seedlings and sports are Nov. 2, 9, 16, 23 and 30. Following are the committees:

Boston, Mass.—A. H. Fewkes, chairman, care John Welsh, manager Boston Flower Market, Park street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Co., 26th street and 6th avenue; James W. Withers, C. Albert Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; Geo. Stollery, E. Weinboer.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Co., 416 Walnut street; James Allen, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season be-

fore or after dates fixed can have the same passed upon by specially notifying the chairman of committees.

EDWIN LONSDALE, Secretary.
Wyndmoor, Chestnut Hill, Pa.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings and sports:

PHILADELPHIA, Nov. 2.—Wm. Paul Binder, Rider, Md., exhibited Sirius, a white, reflexed variety, which scored 86 points commercial scale, 84 points exhibition scale.

NEW YORK, Nov. 2.—H. A. Molatsch, Brooklyn, N. Y., exhibited No. 62, light bronze, Japanese incurved, scoring 82 points commercial scale.

BOSTON, Nov. 2.—George Hollis, South Weymouth, Mass., exhibited a white, cream centre, Japanese variety which scored 87 points commercial scale. The name of this variety will be announced later.

Respecting the Josephine report of the New York committee, which appeared in your columns and not in any of the other trade or horticultural papers, beg to say that same was owing to the committee's request to withhold report not reaching your office in time. Said committee stated they believed the variety identical with Robert Halliday. When Mr. Kleinheinz was advised of the action of the committee, he wrote as follows:

"OGONTZ, PA., Oct. 30, 1901.

"Mr. Edwin Lonsdale, Secretary Chrysanthemum Society of America.

"Dear Sir: In reply to your letter of the 28th inst., I beg to say that I never saw Chrysanthemum Robert Halliday until recently; consequently, could not grow the Josephine and Halliday together.

"I feel sorry that the committee in New York did not see the difference between the two varieties. Admitting that they resemble each other to a certain extent, there is enough difference to be seen that Josephine is distinct from the other, and I am not a bit afraid to grow the two varieties together next year, and then I will show on the bench to any committee, wherever they come from, that Josephine is far superior to Robert Halliday.

"Josephine is a cross between The Queen and Golden Wedding. The cross was made in the fall of 1897.

"Hoping this explanation will be satisfactory. I am Yours truly,

(Signed) WILLIAM KLEINHEINZ.
EDWIN LONSDALE, Sec'y.

AMERICAN CARNATION SOCIETY.

A handsome special prize is offered by Mr. W. A. Proctor, Cincinnati, Ohio, for competition at the exhibition of the society to be held in Indianapolis next February. It is a silver vase valued at \$100.00, offered for the best separate collection of commercial varieties of carnations, no more than fifty or less than ten of a variety to be staged. Premium will not be awarded for fewer than ten varieties, collection to be grown by exhibitors.

Any further information desired about this premium or about the meeting can be had by addressing Albert M. Herr, secretary, Lancaster, Pa.

The annual Thanksgiving number of the FLORESTA REVIEW will be issued next week. Send ads. at once.

MISCELLANEOUS SEASONABLE HINTS.



Lilies.

It is not safe to leave your Japan and Bermuda lilies exposed to too severe a frost. They are considered hardy, or almost; but we have produced by our growing them in pots a growth that can be hurt by a severe frost, and those that are in frames should be protected. Easter is so early this year that I would advise those that have but a limited control of temperature to get their Easter crops into the greenhouse as soon as they have room. The earliest 5 to 7 bulbs will soon be giving you flowers and from now on there will be no intermission. The early crops are not so often troubled with aphids but regular fumigating is the only way to be sure. As has been often remarked, when the aphids are down in the heart of the young growth, and that is where they "love" to feed, fumigation hardly reaches them and a solution of nikoteen syringed into the centre of the crown will do more good.

Geraniums.

The cutting of chrysanthemums will give you much needed room and don't forget to stand over all your geraniums in 2 or 2½-inch pots as soon as you have the time. A small percentage will be dead and many dead leaves will be on them, and they will be all crowded. It is wonderful what a benefit it seems to them to stand them over and give them a clean up and a little more space. They may seem a very secondary crop to you just now but they are of the first importance when next May comes.

Spirea, Lilac, Etc.

Very soon the last of the importations of shrubs and lily of the valley will be here. I once lost a fine lot of spirea by its being exposed to nearly zero weather soon after it was unpacked. Spirea, viburnum, lilac and Ghent azaleas can be considered hardy under ordinary circumstances but after two weeks in the hold of a vessel they are little prepared for a sudden and hard frost. There is no advantage in potting these plants when received; they will do very well in a cold frame with their roots well protected and glass over them. Those that have a cold house or cellar have still a better place. These deciduous shrubs make no roots during winter so potting just before you begin to force is time enough, but take care of them.

Rhododendrons want a little better than a cold-frame; somewhere about or a little above the freezing point will do for them and they must not be allowed to get very dry at the roots for they are evergreen.

Lily of the Valley.

So much of the lily of the valley grown and sold is handled by the man who grows hundreds of thousands or millions that the care of a few thousands seems of little consequence. From Jan. 1st to June 1st, we depend on the importations of the previous fall, and there is little trouble in handling it. Unpack at

once and soak the roots of each bundle for a few moments, then store away in boxes 5 or 6 inches deep with some sand or soil between them. Cover the tops with 2 or 3 inches of moss and place the boxes in a frame and cover with sash or shutters, the latter preferred. They want neither the light nor heat but they don't want rain on them. In boxing it is well to have the right quantity in a box that you want to force in each week or twice a week; then it is convenient to bring in just the quantity you want, and more convenient than in a trench for they may be frozen hard and difficult to get at.

WILLIAM SCOTT.

CARNATION NOTES.

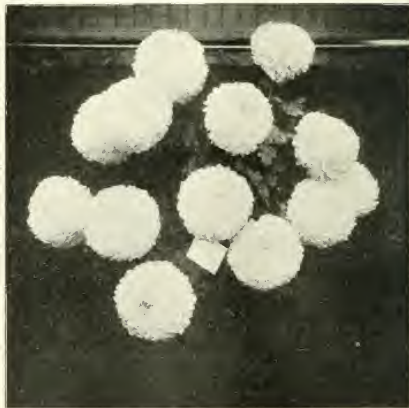
By this time you should be thinking of your Xmas crop of carnation blooms and you should do all you can to get them into as good condition as you can. If any varieties are a little backward you can hurry them along somewhat with the aid of a few extra degrees of heat and a few light doses of food. We do not make a practice of trying to work

you may be sure that they will need a certain length of time to recover their normal vigor and the harder they are forced the more time they will need to recover. Every year we notice a lot of poor soft stuff come in after the holidays from growers who had been cutting elegant stock before the forcing commenced.

One can hardly be blamed for raising the temperature a few degrees to help open up a few hundred extra blooms when they are bringing double the regular price, and this can be done without injury to the plants if a good deal of judgment is exercised in the operation. We will write of that later, but now you want to get all your varieties into bloom by Xmas at the very latest. If necessary raise the temperature a few degrees to hurry up the growth and give a sprinkling of slaked lime to help keep the stems strong.

If the benches are not all mulched it will do the plants good and will hurry them up some to give a light top-dressing at this time. Don't put on as heavy a mulch as you do in spring, or early in the fall, as it is not needed. Half as much is plenty as a food for the plants and it will allow the soil to dry out much quicker. Those that were mulched in September can stand a sprinkling of bone meal mixed with soil. Mix about one part bone meal to three parts of soil and allow it to lay a few days and then throw a good handful between each row of plants and give a good watering to help wash it into the soil.

A. F. J. BAUR.



A. Herrington's Mrs. Robinson that Won the Chrysanthemum Society's Cup at the New York Show.

our carnations for special heavy crops for Xmas and Easter regardless of what we may be able to cut between or after those dates. We need a steady supply of high-grade blooms right along and we find that we cannot expect such a supply from plants that have had to go through a spell of forcing for every special demand that comes along. If you force your plants unduly at one time

ROSE NOTES.

[CONTINUED.]

If the soil has been in hearty condition at planting time and the house given proper attention since there will now be a nice growth on the plants, accompanied also by a luxuriant crop of weeds. The benches should be allowed to become moderately dry and the weeds



Wm. Duckham's First Prize 25 Blooms arranged for effect at the New York Show.

pulled out. While in this condition the soil can be packed firm by treading the surface evenly all over, taking care not to tread so near the plant as to injure the stem. On benches when there is not enough headroom for this a brick can be used; the surface should then be stirred all over to the depth of an inch and given a good watering. Plants in a growing condition at this season of the year require copious supplies of water. To encourage evaporation and insure rapid growth the benches should be stirred at least once a week.

Staking and tying are the next operations to be attended to. This should be done while the plants are yet small. If they are allowed to grow and scramble all over the bench the wood gets sprawly and the eyes break weak. Spider will also find shelter from which it will be almost impossible to dislodge it. The most up-to-date support is galvanized wire, both for stakes and horizontals. A very neat way of arranging the supports is to make an upright frame of inch piping, consisting of two uprights and a crossbar, joined with elbows, the crossbar to be four or six inches narrower than the bench and to stand 28 inches above the side boards, the uprights to be sunk in the ground six inches. One placed at each end of the bench and No. 16 galvanized wire stretched over each line of plants, to keep the wires from sagging, a support made of $\frac{3}{4}$ -inch gas piping, same shape as the end frames, and placed at distance of 12 feet apart and tied to the horizontal wire, makes the thing complete.

To improve the appearance of the frames they ought to have a coat of white paint. This, while more costly than the old cane stakes and wooden

frames is much easier to remove, and put up again after planting and is practically indestructible. Stakes of galvanized No. 6 wire 3 feet 3 inches long are then placed by each plant and tied to the horizontal wire. For Beauties there should be a double tier of wires, one at 28 inches above the bench and one at 4 feet.

Tying should never be neglected and ought to be done in a tidy and sensible way, each stem tied separately, so that the air can circulate freely among the leaves and not tied around the stake broom fashion.

To keep the plants in a good growing condition cultivate regularly, and tying properly attended to is now the grower's principal work. Disbudding will also claim attention. Until the plants are strong enough to bear a crop the buds formed during the summer should be taken off as soon as they are showing color. This should be done with a sharp knife or pair of scissors, cutting off along with the bud about one-half of the stem; this leaves those eyes only which are strong and nearer the plant to break. By treating the young plants in this way they will make less blind wood and more strong flowering stems for first crop.

RIEBS.

THE CHICAGO EXHIBITION.

The annual exhibition of the Horticultural Society was opened at the Auditorium last Tuesday. The display of chrysanthemum blooms is a grand one, containing many remarkable flowers. The bush chrysanthemum plants are rarely in good shape, the date being evidently a week too early for the variety. The single-stem plants are more nearly in condition and as a rule they are equal to those of former years.

A feature of the large foyer is a special display by Walter Retzer & Co., covering considerable space. There is an arbor covered with wild smilax from the outside of which water falls from the greenery which is interspersed with colored electric lights and the effect is heightened by a lime light which reflects a glow upon it. In front of this is an arrangement of various decorative plants set upon a field of tan bark. The effect is attractive and decidedly novel. The rest of the foyer is devoted to the display of posters and to two decorated booths at which beives of young society ladies dispense cakes and other souvenirs for sweet charity's sake.

The arrangement of the Auditorium proper is much the same as last year, the large Pullman group of palms, etc., occupying a central position. There are not so many decorative plants this year as last and one misses the special displays by retail florists which have been so strong a feature of recent years. There are two good groups of fine geraniums in pots and a fine bed of Begonia Gloire de Lorraine from S. Muir (grown by Jos. Reeve), that attracts much attention. John Reardon shows some fine cosmos in pots. Mr. Uiblein makes an interesting display of orchid flowers frozen in a cake of ice and another of plants in bloom protected by a glass case. There are some good collections of primroses and cyclamen and miscellaneous plants, a well bloomed grafted chrysanthemum and some oddities in the way of tomatoes in variety grafted on the potato, also egg plant on the same stock.

Chrysanthemum Blooms.

The main interest professionally centered in the chrysanthemum blooms and the quality averaged very high indeed. In the International competition Poehlmann Bros. were first in Illinois, their varieties being Col. D. Appleton. Mrs. O. P. Bassett, Viviani-Morel, M. Wanamaker, Bonnafon, Lady Hanham, Timothy Eaton, Mme. Perrin, Mrs. Murdock, Golden Wedding, Mrs. Robinson and Pemsylvania.

E. G. Hill & Co. were first in Indiana with Fee du Champsaur, Casco, H. L. Sanderbruch, Brutus, Mrs. E. D. Smith, Orizaba, Morel, Merza, Appleton, Eaton, Nyanza and F. Rey Jouvain.

Nathan Smith & Son were first in Michigan and also won the sweepstakes, with Mrs. F. A. Constable, Mrs. E. D. Smith, Yamariva, Idavan, Orizaba, Lady Anglesly, Iora, Timothy Eaton, Kate Broomhead, Col. Appleton, Chito and Mrs. Coombes.

A. Herrington was first in New Jersey with Bonnafon, Mme. Deis, Kate Broomhead, Jeannie Falconer, Mme. Carnot, Yellow Mme. Carnot, Chenon de Leebe, Timothy Eaton, Mrs. Robinson, Mrs. T. L. Park, Col. Appleton and Mrs. Coombes.

Theo. Boek was first in Ohio and Otto Spield, gardener to Mrs. P. D. Armour, Jr., Oconomowoc, was first in Wisconsin, both with good lots of blooms.

Timothy Eaton is very much in evidence among the cut blooms this year and some flowers are truly enormous. One of Mr. Hill's blooms of Eaton measured 23 $\frac{1}{2}$ inches in circumference and 17 inches over. Several other blooms of this variety were measured that ranged from 20 to 24 $\frac{1}{2}$ inches in circumference and from 13 to 15 inches over the top. A Mme. Carnot in Mr. Herrington's lot

was remarkably deep. It measured 21 1/2 inches in circumference and 18 inches over the top.

But though Eaton certainly takes first position as to size Mrs. Robinson is still at the head for color, form and finish. Eaton shows an unfinished center as a rule, though this imperfection is less noticeable this year than when shown last year by the originator. Eaton is certainly a most decided acquisition and it will probably improve in finish as the growers come to understand its peculiarities better.

The classes for 25 blooms of a variety made a grand feature. But the exhibitors were somewhat wearied by a new rule requiring the entries to be judged twice, once on the opening day and again twenty-four hours later. This rule might be useful in the case of carnations

taking second with the same variety.

For 25 pink H. W. Buckbee was first with Viviand-Morel, Poehlmann Bros. Co. taking second with the same sort.

For 25 red E. G. Hill & Co. were first with Geo. W. Childs and H. W. Buckbee second with Black Hawk.

For 25 bronze Poehlmann Bros. Co. were first and Hill & Co. second. For best 25 any other color Poehlmann Bros. Co. were first with Mrs. O. P. Bassett.

N. Smith & Son were first and E. G. Hill & Co. second in class for 12 varieties one-bloom of each.

For best 6 white Hill was first and Poehlmann second, both with Eaton.

For 6 yellow Vaughan was first with Appleton and Poehlmann second with same variety.

For 6 pink Jos. Labo was first with Morel and Vaughan second with Yana-

Vaughan was first on grafted plant and 3 standard geraniums; M. A. Ryerson on 12 white cosmos, 12 pink cosmos and pair *Acalypha* Sanderi; S. Muir on 5 Glory Lorraine legonias, 25 *Primula obconica*, collection of ferns and 6 *Araucarias*; Kalous Bros. on 10 cyclamen; F. Bahr on 25 Chinese primulas; E. G. Uihlein on collection of orchids and 2 dracaenas; J. J. Mitchell on 2 *araucarias* and 2 crotons; A. S. Trude on 2 other decorative plants; Mrs. Geo. M. Pullman on display of decorative plants arranged for effect; Guardian Angel Orphan Asylum (N. A. Schmitz, gardener) for group decorative plants open to commercial florists only.

Notes.

The display of roses on Wednesday was very good and the competition interesting. They must be passed upon again Thursday by the judges before awards are announced.

On Wednesday began the competition in table decorations. The only one in which award has so far been made is in the first of the specials offered by the lady judges for the decoration that would be supplied to customers, for \$12. A. Lange won first and Walter Retzer & Co. second. The table decorations are almost solely low center mounds of chrysanthemums. The continued demands of the lady judges during previous years for simplicity has evidently resulted in deterring any competitor from deviating from the very simplest form. It is interesting but not very educational.

In addition to the special display in the foyer Walter Retzer & Co. have arranged a bower of greenery illuminated with electric lights on the upper floor.

VINCA VARIEGATA.

For many years the trailing vinca has gained in popularity for edging vases and boxes and last year it was not over plentiful. Perhaps it is not generally known that, being of a deciduous nature, it should be treated accordingly.

Those who pride themselves on their fine window box filling will use only good plants and they must be not less than three feet long and well grown and colored. Yet the market is full of short, stubby plants 12 to 18 inches long and scrawny.

In the fall they generally average alike yet by spring the difference is apparent, and why? Not noting their deciduous character the plants are dug up, cut back and the growth forced before the plant has had a chance to ripen and store up within itself strength to make its new growth. They should be allowed to gradually die back to the crown shoots and then these would break of their own accord.

Feeding at this time also helps materially and even if the room occupied by the bulk of the plants in the fall is considerable it is more than repaid by the condition and appearance of the plants in the spring. J. O. E.

LAKE GENEVA, WIS.—Last spring Mr. F. R. Chandler sold his fine private place here to Mr. John J. Mitchell. Melchior Luetsch remained as gardener with Mr. Mitchell and is still in charge. He has made many changes and improvements the past summer.

NYACK, N. Y.—The name of H. Hogan appears in the trade directory, but there is no such party here. It should be M. J. Hoban.



A. Herrington's Second Prize, 36 Blooms in 6 Varieties, at the New York Show.

or roses but it seems rather absurd as applied to chrysanthemums. As a result the competitors were unable to display any awards won until the second day.

In the class for twenty-five white E. G. Hill & Co. entered some immense Timothy Eaton; Poehlmann Bros. some of the finest Mrs. Robinson we have ever seen (they ran about 18 inches in circumference and 13 inches over, and of very fine color and perfect form). Anton Then and Bassett & Washburn grand Eatons, and H. W. Buckbee, John Felke, Sr., and Peter Reinberg excellent Robinsons. It was a case of Eaton and Robinsons.

Size won, E. G. Hill & Co.'s Eatons taking first and Anton Then's Eatons taking second.

For 25 yellow N. Smith & Son were first with Appleton, Poehlmann Bros. Co.

riva. For 6 red Hill was first with Casco and Poehlmann second with Shrimp-ton. For 6 bronze Jos. Labo was first with Chas. Davis and Smith & Son second with Kate Broadhead. For 6 any other color F. Bahr was first with Mrs. W. C. Egan and Otto Speidel second.

In the class for best collection, one bloom each, not less than 40 varieties, there were some strong entries. E. G. Hill & Co. were first, N. Smith & Son second and H. W. Buckbee third.

Plants.

In chrysanthemum plants the premiums were divided between M. A. Ryerson (John Reardon, gardener), A. S. Trude, J. J. Mitchell (Geo. Woodward, gardener), J. C. Vaughan, Gunnar Teilmann, S. Muir and Hill & Co.

In the miscellaneous plant classes



Groff's Display of Hybrid Gladioli at the Pan-American Exposition.

GLADIOLUS.

Exhibit by H. H. Groff of Simcoe, Ont., and Arthur Cowce of Berlin, N. Y.

This illustration, which gives but a partial view of their wonderful exhibit, is sent you rather late. The display began about the middle of July and was kept up to the end of September. In all they exhibited a quarter of a million spikes. The first month or six weeks the flowers came mostly from Simcoe, Ontario, and latterly from Berlin, N. Y.

As is well known, Mr. Groff is the hybridizer, and to say that he is an enthusiast is putting it mildly. Though the busy manager of a bank he has found time for the past five years to work diligently on his favorite flowers, and the result of his work is marvelous. I will not attempt to describe any of them because the varieties were limitless and the size of flower was as remarkable as the coloring. Mr. Groff is ably assisted by his cultivator, Mr. John A. Campbell, and ten acres were devoted to gladioli the past summer. Mr. Cowce cultivates the approved varieties and this summer there was just thirty acres of gladioli at Berlin. Mr. Groff's seedlings are now sent to every land where the gladioli can be grown.

The display these gentlemen made at the Pan-American at large expense to them was of the greatest value and attraction to the floral part of the show. It is also very pleasing to see two such fine men making their hobby one of our most beautiful and decorative flowers. May they reap in abundance something more than glory. W. S.

PRIMULAS.

Every year our customers scan our primula bench from Thanksgiving to Christmas and pick out the earliest bloomers and the brightest colors. We cannot sow till June, and we always seem to have the biggest call for primulas before Christmas. There are several grand varieties that flower well in four and five-inch pots, sown in June, namely,

dark blood-red, pure light pink, white and rose, and we should make it a point to always buy separate named kinds of early varieties for this purpose. Then, if they are not allowed to get pot-bound, and we use a good, open, lumpy soil, not rammed too tightly, we can clear out by Christmas for lilies or other stuff and make primulas profitable by not occupying benches with them from March until February. I find selected American grown seed much the best. J. O. E.

BOSTON.

Trade Conditions.

[Oct. 28—Nov. 2.]

The end of the week found the chrysanthemum season about at its height, I imagine; and while every conceivable price is being taken for them still a few dozens command a tall figure—\$4 being the best I have known. But one dollar still purchases an awful good dozen of them.

Red roses of all kinds are becoming more plentiful and of better texture, so that prices still remain at from 50 cents to a little better than \$3, perhaps, per dozen, with better grades for the money than is usual. Some very good Kaiserins, Perles and Carnets are coming in, the former losing its place as Brides become larger, but the two latter are surely meeting with more favor than ever before. This is not saying very much, because neither of them has had its share of popularity in this section. Rose men do not consider they are cutting heavily, but much more goods is being produced than the city can use, more especially of the larger sizes. This produces that unsatisfactory condition of a few of the very best selling at a good figure, small ones for funeral work selling well and medium grades not moving at their real comparative value. But rose growers hope to have something to be thankful for about the time President Roosevelt's first proclamation goes into effect.

The carnationists seem to be walking on good solid foundations; prices prob-

ably a little better than when last quoted, say from one to a possible four cents now. If a scarcity exists it is among the white varieties.

Violets still continue to sell the best of anything and have become quite plentiful, too. I would give prices same as last week—35 to 75 cents. Quality very good.

H. N. Eaton has begun to move his lilies cityward, where the cut ones find ready market. He sent in a sample lot of potted ones, but "candidumly" speaking they did not sell in that shape worth a cent.

The summer-like weather has hurt the sale of both cut flowers and plants without doubt. Outdoor goods in variety are still coming in and I have seen quite good outdoor violets picked and sold this month. And within ten feet of me now is a heliotrope in excellent condition which has stood the weather thus far with no protection whatever.

A Visit to Clematis Brook.

I took the underground elevated at Park street and a Massachusetts Central railroad train for Clematis Brook to inspect the fortifications erected there upon a commanding little knoll, by F. R. Mathison and added to by present lessees, Anderson & Williams, until 30,000 feet of glass is now utilized. Who doesn't know Mr. Mathison? Who doesn't know "Billy" Anderson? But Mr. Williams is not so well known on the Boston end of the business, because he makes his influence felt more at the Brook. And the combined rose product of the three is surely as well known as any one of the three, being noted for quality, quantity and especially for an even output. They never seem to be either "off crop" or "on crop," but keep right on cutting about the same and looking pleasant.

The railroad, side by side with the Fitchburg, each with stations at every stopping place not thirty feet apart, goes out through an interminable tangle of railroad paraphernalia, then the vegetable flats, a few pretty residential sections, past W. W. Edgar's place and

the icy looking expanse of the mammoth establishment of E. N. Pierce & Sons, and lands you within a half-minute's walk of the compactly built place. Three long houses exactly side by side, all bisected by a walk through the center. The boiler house, office and stable are at one end of this walk and three smaller houses stand beyond these necessities to the business. These buildings are all in the best of repair and are thoroughly well built. Brick foundation walls from two to three feet high, thirteen automatic ventilators, a big tank into which water is pumped from a driven well, together with faucets from the town supply for emergencies, two huge boilers, one being a brand-new one, hundreds of tons of coal, the large home of the commander-in-chief and smaller ones of the other officials, are all seen at a glance. Then there are 10,000 rose plants to be seen and the walks are more or less encumbered by boxes of elegant *Bouvardia* now just beginning to bloom. There is

do not stand very high, all the older ones being pretty thoroughly tied down. But above this growth that is tied down extends the new growth about six inches apart each way upon an average and now from eight to ten inches to two feet and a half tall, each stem bearing a bud or flower.

Though having a station so near, Mr. Anderson remembers the story of the early bird and drives three miles to catch a train that lands him in Boston fifteen minutes earlier. J. S. MANTER.

NEW YORK.

Despite the fact that we have for a long time been in the whirls of a most exciting municipal election, there has been a fairly good demand for all kinds of stock. There were hours and days when stock moved somewhat slowly, but the average for the week, considering everything, was good. Next week most of the wealthy folks will be in town and

could it when the department is in the grasp of unscrupulous politicians.

A most instructive course of lectures on botany are being given every Saturday at 4:30 p. m. in the hall of the museum at the Botanical Gardens, Bronx Park. There is always a large attendance at these lectures, and the library up there is the best of its kind in the country.

We forgot to mention last week that the large *Latania* shown by A. Herrington at last week's show here was donated to the Botanical Gardens.

We are off to attend the several shows round about here; there are no less than four on this week hereabouts, and it requires some planning, much work and travel to cover them all. Wish the boys up along the Hudson would spread dates a little more next year and give the papers a chance to breathe.

Bowling.

There was a large crowd on the alleys last Monday night, and the coaching was somewhat terrific. Possibly the eve of election was responsible for some of it; anyhow, the fun more than compensated for the non-breaking record scores.

The New York team and a few rooters will try conclusions with the Philadelphians on their own alleys on Tuesday, November 12, and in the near future expect to wake up both the Flatbush and North Hudson boys. Yes, there's lots of good things on the calendar, and Captain Lang says it's only for practice to be in shape for Asheville or any other place where champions meet. Scores last night were:

Hafner.....	138 145 135	Ussing.....	151 96 129
Lang.....	131 165 147	Burns.....	152 165 159
Van Hoesen.....	158 135 140	Plumb.....	161 117 137
Elliott.....	133 165 116	Burns, Jr.....	151 149 166
Leuchter.....	119 118 104	J. Young.....	150 174 135
O'Mara.....	202 83 142	Ford.....	119 136 115
Trenndly.....	119 120 159	Stewart.....	107 100 107
Leutz.....	188 167 162	Sheridan.....	149 83
Mansfield.....	137 148 152	Theilmann.....	141 169 235
		Donlan.....	131

J. I. D.

PHILADELPHIA.

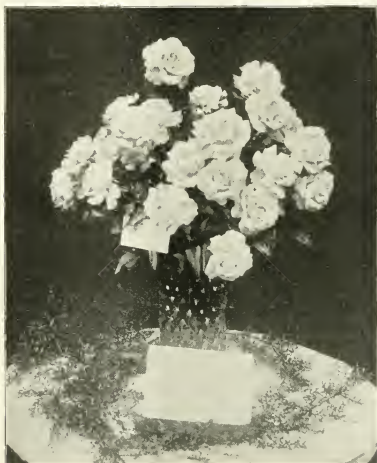
The Market.

The mid-season chrysanthemums ruled the market this week and are preferred to long stemmed Beauties, for which there is no marked demand. Several new varieties have made their appearance, and, generally speaking, sell well.

Mrs. Trainor L. Park, yellow, Colonel Appleton, yellow, and Timothy Eaton, white, are among the finer varieties. Leo Niessen had some very fine Ivory and also Mrs. Perrin, a deep pink variety of good size. Mrs. Weeks is another pretty white of good form. The ruling price on choice blooms of these sorts is from \$1.50 to \$2.50 a dozen. Perfect specimens of Eaton go higher, but unfortunately a good many flowers of this variety do not come perfect.

The large Easter plant growers are bringing in their first blooms of chrysanthemums now. This week Robert Craig & Son have begun cutting Ivory, Colonel Appleton and Merza. William K. Harris is sending in the two first named sorts and also Maud Dean, and a pale pink sport from this variety which resembles apple blossoms in color.

While cut flowers of the Queen of Autumn have been selling well, there has been an unprecedented run on plants in pots. Both Campbell and Mecky, who make this their specialty, have been obliged to cut their orders despite the enormous quantity of plants grown. It seems likely that the season will be a



New Rose Mrs. Oliver Ames as exhibited at the New York Show.

one house of Kaiserin. Enormous old plants' relentlessly bent over and tied down and so full of briars that a rhinoceros would murmur if asked to go through. Their labors for the year are about done, but many good canes yet rise above the tangled mass. We counted the stalks upon a bush chosen at random to see how many blooms had been taken this summer. Twenty. Is that good?

There is a house of nice very new Carnot bushes just beginning to talk. The only work they say that a hardened old florist can understand is "Money," but to others they whisper of purity, grace, elegance and all other virtues.

But nearly everything is set to Brides and Maids varying from six months to three years old and most of them are in fine shape for a winter's work. They

quite a large boom is expected in the plant and cut flower trade. Every grower, especially of violets, looks forward most anxiously for horse show week, and it is to be hoped all expectations will be fulfilled. Prices of almost all grades of flowers are on the upward trend; we only require frost and snow to satisfy some growers.

The Florists' club meets next Monday night and a very high old time is anticipated, so a full attendance is most desirable. Reports of the recent show and nominations for officers for next year are two of the items on the program, and the rest depends on—the weather.

Nothing niggardly about one city when \$2,000,000 is annually devoted to the maintenance of parks. Of course, it doesn't all go into the system. How



Group of Cibotium Scheidei by H. A. Dreer at the New York Show.

short one, leaving very little worth having for late sales. George W. Childs, the best red variety, has made its appearance and will be welcomed by the retailers for the Pennsylvania-Harvard football game on Saturday next at Franklin field. The wholesalers speak confidently of there being enough red roses and violets to supply the demand on this occasion.

The other features of the market are the improved demand for tea roses, which are selling better than at any time this fall, and the continued brisk demand for white carnations.

Various Items.

Jack Frost pretty well demolished the outdoor stock this week, barring possibly the muslin covered dahlias at Atco, N. J. There is a general feeling that the season has finally opened in earnest with very bright prospects all along the line.

The first team of the Florists' Bowling Club defeated the second team of the same organization in the tournament on the academy alleys by something over 100 pins on Friday of last week.

The return match between the New York and Philadelphia teams will take place on Tuesday next at the alleys in Horticultural Hall. The New Yorkers are betting that they won't lose a game, but there will be no difficulty in getting takers among the representatives of the Quaker City, who are confident that they will more than succeed in wiping out the disastrous defeat in Gotham on October 22. PHIL.

BUFFALO.

Now the Pan-Am. is over, society in its old normal condition will assert itself and I hope it will be a gay season. Flowers are plentiful and quality good but business has been rather dull for the past week. Chrysanthemums are not going to waste nor yet in very great demand.

We had two well known figures here to see the dying gasps of the Pan-Am., Mr. Peter Crowe, on his road home from Denver, where he had been to see Son William and George Fancourt, of Wilkesbarre, lately arrived from "Old Lannon, don't yer know." George is always

fluent, but abundantly so now, and he has so much to tell you of the superiority and well dressed people of his native soil as well as the immense horticultural places. I had the good fortune to be able to introduce both of them to Mrs. Carrie Nation who decorated them with her little gilded hatchet. She looked at George and said, "You need it," but she wanted to embrace Peter for she was sure he was a temperance man and his weight would be grand as a battering ram to demolish a grog shop. Mr. Crowe may not be fastidious but he objected to any intimacy, for Mrs. Nation is one of the most repulsive featured of Eve's daughters.

Pan-American.

The closing hours of the Pan-Am. were wild. While the dignified president was making a feeling and pathetic speech just prior to the final extinction of the wonderful light, fifty thousand hoodlums of all grades of society and both sexes, lost their heads and rioted over the ground destroying what they could not carry away. I don't want to reflect on the management but it could have been better. It could have been quelled by a few sharp examples early in the evening. I am so thankful that nearly all exhibits in my department were packed and gone and no one suffered, but it's an experience that I was not prepared for. Professional show men may be, but they are a class by themselves.

Just allow me to say that the guards, so called, or policemen, about 250 of them, have been nothing but ornamental loafers from the day they were appointed. They were smarter looking and better drilled than the Columbian Guards, but useless for the protection of property. Their chief industry was to see what they could lay their hands on and chin with the girl at the trinket booth. There were a few exceptions, but very few. The behavior of the crowd when conventional rules no longer governed their actions, was nothing more than one more illustration of the great truth that the most civilized race of man is nothing more than a brute with a veneer of civilization spread over him and alas, here.

I hope I won't be bothered with Pan-Am. business now that it is over. The

awards in the whole of the horticultural department went to the grand jury last week and should soon be published, and the awards sent to the recipients. Nothing has been neglected that I am aware of and tomorrow your humble servant is going to the Adirondack Mountains with a 30 calibre Remington, where, in 10 days, he expects to bag 1 bear, 3 deer, 2 wild cats and a barrel of feathered game, and if he does not get the first named animals he will try to bear with the rest. W. S.

CINCINNATI.

The Market.

Mum is the word now, and they are coming in by the wagonload; but so soft are they, owing to the hot weather, that it is almost impossible to ship them any distance. Store men say that they do not "hold up" in the show window, and a mum that will not hold up in a show window certainly will not be satisfactory in a private house. Even such varieties as Robinson, Appleton, Bassett, etc., have no staying qualities this season.

Right here I would like to say a good word for little Ivory. Little though it is, it has proved its sterling worth to the grower, the retailer and, in fact, to everyone interested in flowers, and it has sold side by side with varieties more than twice its size, and for more money. From \$4 to \$8 per 100 was obtained for this little gem, and when you consider how many more of them can be grown in the same space in comparison with the larger varieties, it is not hard to see which pays the better. The best Ivory were received from George Bayer, of Toledo, Ohio, and they show that variety with a 30-inch stem and a flower that will compare with the best of them.

Everyone reports that business was all that could be desired for the month of October, the increase over last year being all the way from 10 to 30 per cent. This is encouraging, especially when you consider the unfavorable weather. It is needless to say that with cooler weather the outlook for November could not be better.

The following are the prevailing

prices on stock: American Beauties, \$4 to \$25 per 100; Brides and Maids, \$2 to \$4; Meteors, \$2 to \$5; carnations, fancy, \$1.50 to \$2.50 per 100; ordinary, \$1 to \$1.50; chrysanthemums, \$4 to \$20 per 100; valley, 4 cents; violets, 25 to 75 cents per 100; smilax, adiantum, asparagus and ferns at regular prices.

Various Notes.

For last Saturday the florists in the Jabez Elliott market report the best business since last Easter. Large quantities of mums were sold and at fair prices.

One chrysanthemum was before the committee Saturday. It was a large-sized bronze, incurved variety, exhibited by Nathan Smith & Son, Adrian, Mich. Stem and foliage fair. Loosely built flower, globular in shape. Good for exhibition purposes only; cut October 25; named Importation.

November 9 is the date of the chrysanthemum show of the Cincinnati Florists' Society. Everything points to a first-class meeting.

Mr. W. A. Procter brought in some Prosperity, the famous carnation, and from the looks of it it deserves all the praise it gets. With stems 24 inches, strong and straight, and a 3-inch flower, it looked fine. It was almost pure white in color, just a faint showing of pink in the center. This is doubtless due to the hot sunshine. W. Jackson is the grower of these blooms and their excellence speaks well for the grower.

The greenhouses of the Hoffmeister Floral Company were burglarized last Thursday night and about 300 chrysanthemum blooms were taken.

Mr. Sidney Murphy and Miss Tuifort were married last Wednesday at the home of the bride at College Hill.

M. H. Benzinger has bought out and is running the Robert D. Ruttle greenhouses in Covington, Ky.

C. J. OHMER.

AUTUMN'S FLORAL TROPHIES.

The tulip blooms in springtime,
The rose in summer comes,
But autumn is the season
That brings chrysanthemums—
The fluffy-headed beauties
That on their long stalks sway,
And velvet-like their petals
In which the colors play.
Brown, purple, pink, and yellow,
Red, white, and loyal blue,
In every shade of color,
And every tint and hue,
They stand in floral splendor,
All rivals far above,
For on them have been lavished
The wealth of Nature's love.
They're lacking in the fragrance
That nestles in the rose,
They lack the dew that glistens
When morning sunshine flows;
But whether massed or singly
They gleam in glory rare,
The floral queen of beauty
With stateliness of air.

And proudly they are posing
Before admiring throngs
As though they knew 't was
Of praise to them belongs.
And there are exclamations
Of wonder and delight,
From all who see these flowers
Arrayed in colors bright.
The tulips and the roses
Are but a memory now;
We hail a later beauty,
And at her shrine we bow.
For when all other flowers
To age and cold succumb,
We joyfully are greeting
The grand chrysanthemum.
Pittsburgh Chronicle-Telegraph.

NEWPORT, R. I.—Samuel Peck, for many years gardener at Marietta villa, died suddenly of heart disease Oct. 20.

ST. LOUIS.

The Market.

Business did not improve any last week; in fact it was dull, very dull. The market was glutted with all kinds of cut flowers, especially roses and chrysanthemums. More beautiful weather than we have had the past week would be difficult to imagine, and this, of course, made trade dull and caused the glut. Placards announcing "Roses, 20 cents per doz." were numerous the past week in the downtown store windows. The fakirs were selling them on the street corners at 10 cents per dozen.

Good first class roses, including short American Beauties, were selling at the wholesale houses at \$5 per 1,000 and were even hard to dispose of at that price, many of them going to the waste pile. The stock of roses that is coming in now is very fine. Should the weather turn cold and cloudy this week we will have a different story to tell in the next issue.

Carnations are not so plentiful but enough of them are coming in for the demand. The price remains the same as last week; the quality of the stock is good, and the demand fair.

In chrysanthemums the quality is fine and plenty of them are now in the market. The best sellers the past week were Robinson, Ivory, pink and white. Some very fine Bonaffon and Sunderbruch came in the past week, which brought \$3 per dozen for the best; other varieties being from \$1 to \$2 per dozen. This week we expect to see some fine Jerome Jones and Morels in the market. Valley had very little call last week and quite a lot of it went to waste, from \$2 to \$4 is the selling price. Violets have also felt the effect of the dull market and from the looks of things nobody in the trade was happy the past week, except the street fakir.

Visitors.

Mr. S. S. Skidelsky of Philadelphia, got in Saturday and is talking Nelson carnations to the trade. Mr. S. reports that never before did he sell so many carnation plants as he has of the Nelson.

Mrs. M. S. Vesey, of Fort Wayne, Ind., spent a few days with the trade last week. Mrs. Vesey reports that she will, as usual, make a large exhibit at our annual show next week.

Mr. C. W. Scott of Chicago, who spent a week with the trade in this city, left for home Saturday night.

The Show.

The prospects for the coming chrysanthemum show, which will open next Wednesday morning, are very flattering. According to the rules everything must be in place by 9 a. m. Wednesday, November 13. Chairman Meinhardt says that the hall will be open all day Tuesday and that the exhibitors can have all day to place their exhibits. The management hopes for plenty of help from the members of the club on Tuesday so that everything will be in readiness for the opening on Wednesday morning.

Mr. George Schmidt of Edwardsville, Ill., who is well known among the trade in St. Louis—better known as "Brother" Schmidt—will be married next Tuesday, Nov. 12, to Miss Lena Bayer.

Bowling.

The league team will not bowl again until Thursday night, when they meet the strong Exchange team. The boys expect to be in better trim than they were last Monday and no doubt will make a better showing. The averages for the last fifteen games are as follows:

	N. G.	B.	E.	Total.	Ave.	High
J. J. Beneke.....	15	12	20	2650	178	231
A. Y. Ellison.....	15	18	19	2545	170	213
C. A. Kuehn.....	15	14	15	2323	159	181
John Sturtz.....	15	15	15	2396	154	184
Will Adels.....	9	12	21	1386	164	182
John Kunz.....	6	6	21	387	148	184

The St. Louis Florists' Bowling Club held a meeting at the Court House bowling alley. President Kunz stated that money was needed and an assessment of \$1 was called for from each member, payable by next Monday night. After the meeting the members formed two teams and rolled three games. The rolling of Beneke, Sturtz, Ellison, Kuehn and Kunz was good. Mr. S. S. Skidelsky was present and helped to fill out one of the teams. The scores of the evening were as follows:

League Team.	1	2	3	Total.	Ave.
J. J. Beneke.....	215	190	171	676	189
C. A. Kuehn.....	139	151	166	456	152
John Kunz.....	204	135	145	484	161
J. Sturtz.....	189	172	178	540	180
A. Y. Ellison.....	165	165	168	500	173
				317	818
				945	2590

Florists' Club.	1	2	3	Total.	Ave.
C. C. Sanders.....	179	148	112	439	146
F. M. Ellis.....	110	104	154	368	122
John Young.....	140	130	135	405	135
Theo. Miller.....	99	120	96	315	105
S. S. Skidelsky.....	66	105	116	288	96
				594	608
				613	1815

J. J. B.

CHICAGO.

The Market.

Last Sunday our warm fall weather departed suddenly and we have been having a taste of real winter. As a result the heavy supply of roses has shortened up some, but there is still an abundance for all demands. Roses are still \$4 for the best. There is a lot of poor stock in the market, and all sorts of prices prevail, ranging down to as low as 50 cents a hundred. There is a very good shipping demand for the best grades and fancy Kaiserin, Carnot, etc., reach up as high as \$8. The best Liberties bring \$1.50 to \$2 a dozen, and from that range down to \$3 and \$4 a hundred for the poorer qualities. Beauties hold the same old range right along.

Good carnations keep at \$1.50, with fancy Lawsons, Bradts, etc., at \$2 to \$3, and Peter Reinberg reports sales of fancy Prosperity at \$6 to \$8. There is still a lot of poor stock and we hear of clean-up sales at as low as 40 cents a hundred.

Chrysanthemum prices are decidedly below those of last year on the average, probably about 20 per cent lower. Only a few of the very fanciest will now bring \$3 a dozen and really fancy stock can be had for \$2, with excellent ones at \$1.50, very good blooms at \$1, \$5 and \$6 per 100 for fair grade, and then come quotations by the armful.

We noted at one dealer's a lot of Bonaffons that would have graded near the top but for damage to a few of the petals in each bloom, that looked as though it might have been the effect of frost or damp. At a short distance they seemed perfect, but on inspection by buyers were rejected. But for this injury they would have moved readily at \$2 to \$2.50,

but as it was they found no takers at \$1. It was an apt illustration of how values are reduced by the slightest imperfection.

Local demand has been hardly up to the standard for the season, though a fair run of funeral work has helped materially of late on white stock. It is expected that the horse show and the flower show, both being held this week, will inaugurate the social season.

Various Items.

A report of the annual exhibition will be found elsewhere in this issue.

The annual banquet of the Florists' Club will be held this Thursday evening (7th inst.) at the Victoria Hotel, Michigan avenue and Van Buren street, at 8 o'clock. Edgar Sanders will be toastmaster. There will be a large number of visitors. President Winterston has told the management of the hotel what to expect if the dinner is not worth twice the price. Walter Kreitling is in charge of the decorations and it promises to be a great event.

At the club meeting last Friday evening the new officers were duly installed and sixteen new members were elected, all the applications having been brought in by President Winterston. Treasurer Sanders' report showed a balance of \$230.98 in the treasury. Retiring President McAdams was given a hearty vote of thanks for his earnest labors during the past year. Steps were taken looking to the securing of a larger meeting room and arrangements were made for one for the second and fourth Thursdays of the month. Later, though, it was found that this room has been taken by other parties. Therefore the next meeting will be held in the old hall the evening of Friday, November 15.

On Tuesday a telegram was received by Assistant Secretary Kanst, from Indianapolis, signed by six prominent Indiana florists saying that they had a magnificent show, entries full and the finest decorated hall ever attempted in the United States. Score one for Indianapolis.

Among visitors at the exhibition were Elmer D. Smith, Adrian Mich.; Fred Lemon, Richmond, Ind.; Ewald Suder, Toledo, Ohio; M. Luetsch, Lake Geneva, Wis.; C. W. Johnson, Rockford, Ill.; James Hartshorne, Jos. Labo and J. D. Thompson, Joliet, Ill.; F. Bahr, Highland Park, Ill., and Uncle John Thorpe, of course.

M. J. Miller, Freeport, Ill., was a recent visitor.

Among visitors that arrived on Wednesday were Samuel Murray and C. C. Ripley, Kansas City; C. C. Pollworth, William Edlefsen, Milwaukee.

Bowling.

There was a hot match between Milwaukee and Chicago teams on the alleys last night (Wednesday). The match was for best two games out of three and as Chicago won the first two games they settled the question. There was much excitement and lots of good natured banter during the games, the first two not being finished till 11 o'clock. There were other visitors besides those from Wisconsin. Mr. Ewald Suder of Toledo, holding up Ohio's reputation in great shape. He is a whole club in himself. Following are the scores of the two deciding games:

CHICAGO.	MILWAUKEE.		
Jos. Foerster.....221	195	C. C. Pollworth.....265	162
G. Stollery.....168	152	W. A. Kennedy.....125	125
C. Balfour.....149	111	Wm. Edlefsen.....121	95
F. Stollery.....149	154	G. Sylvester.....147	138
P. J. Hauswirth.....127	134	A. Klokner.....170	119
E. Winterston.....102	138	N. Zweifel.....111	146
Geo. Asmus.....207	160	H. Hunkel.....236	125

After the games the Milwaukeeans were the guests of the Chicagoans at the Illinois restaurant, where several things happened, and it was a late hour before adjournment.

In the three regular games rolled last Tuesday night the Wholesalers won two from the Growers and the Retailers two from the Miscellaneous. Following are the scores:

WHOLESALEERS.			
E. Winterston.....	137	151	120
W. S. Helfron.....	122	138	127
C. Hughes.....	156	125	126
Jno. Sternert.....	154	176	139
Joe. Foerster.....	157	163	164
	731	733	746
GROWERS.			
F. Stollery.....	152	129	151
N. Schmitz.....	174	166	150
J. F. Sloner.....	164	154	126
H. Metz.....	97	142	115
G. Stollery.....	168	117	157
	766	762	699
RETAILERS			
P. J. Henswirth.....	167	159	207
E. Huebner.....	122	115	142
E. Ender.....	125	134	169
Geo. Asmus.....	155	134	166
	578	503	695
MISCELLANEOUS			
C. Balfour.....	137	201	117
C. Pruner.....	114	159	149
F. Ewert.....	141	115	95
M. Foerster.....	106	93	124
	498	571	483
Results to date:	Wh. Lost.		
Growers.....	10	8	
Retailers.....	10	8	
Wholesalers.....	11	9	
Miscellaneous.....	7	11	

AN EMPLOYEES' ASSOCIATION.

Replying to F. F. R. we are perfectly willing to give space to further communications on the subject providing they suggest something practical and are signed by the full name and address of the writers. F. F. R. and others should bear in mind that a paper cannot print communications from unknown correspondents. We must know who we are dealing with.

We see no necessity for "the boys to chip in" until it is made manifest that there is a sufficient number of employees that really desire to belong to such an association; and we question whether a circular would bring any more responses than a communication in the trade press.

If F. F. R.'s statement that he and his partner are on duty regularly from 4:30 a. m., to 8 and 9 p. m. is correct then he is certainly being pushed some as to hours. Haven't you stretched it a few, or taken one or two exceptional days as an example?

We are perfectly willing to "give the employer a hit" if we can do it and they really want it. If F. F. R. will formulate his ideas as to how an association could accomplish some real good, write it out and send to us with his full name and address attached. We will print it. His name and address need not be printed, but we must know who the matter comes from.

POINSETTIAS.

After trying several plans I find that good results are obtained by benching the old plants on a sunny bench in May or June in good soil, not over three inches deep, the plants a fair distance apart. Cuttings of good texture and firmness can then be taken off, but not so as to rob the plant too much at one time and unduly weaken its vitality.

Cut below the joint, take off only the immediate bottom foliage, and root in the full sun in clean sand in a water-tight bench, and keep well sprinkled. If the plants are intended for five-inch pot plants, pot along into three-inch until

August 1, then take the tops off these and also the old plants and make one final propagation. Afterward pot up your old plants and the cut back three-inch plants and grow along for second grade stuff.

To induce dwarfness, pot firmly, grow in full sun and place plants close to the glass in a well ventilated house or frame without shade. Never allow the temperature to fall below 60 degrees, and do not repot after the early part of October. Feed when the plants are pot bound after the last shift. J. O. E.

PANDANUS VEITCHII.

Having a great many of these in spring that were apparently in too large pots and nearly or quite green, it was perplexing what to do as this stock is with us salable only in medium sized pots and when well colored. The plan we finally adopted was a complete success.

Having prepared a light, moderately rich soil, the plants were shaken out of the old soil, with as little damage to the roots as possible, and then repotted into as small pots as possible. They were watered sparingly and kept warm and close. When they had become well established in these small pots they were shifted on, using a good rich soil with a fair proportion of horn shavings mixed in.

The manner in which they colored and came along was surprising, and from unsalable plants they became fine saleable ones. J. O. E.

THE ELM LEAF BEETLE.

Superintendent Pettigrew, of the Boston Parks, says the damage done by the elm leaf beetle is decidedly serious. He says that the proper time to attack the pests is in the spring as the leaves unfold, by spraying with one of the arsenical solutions. In this way many can be poisoned before breeding time. A second spraying should be given when the egg clusters are found on the under side of the leaves.

THE WINNING RHYME.

Following are the verses that won the prize offered by the Kansas City World for the best rhyme for chrysanthemum.

The vocalist who lives next door
Sings "Holy City" o'er and o'er,
And gives me for "chrysanthemum"
Only the rhyme "Jerusalem."

Oh, would that "mum's the word" were writ
Upon his heart, and that he'd quit.
I'd give a big chrysanthemum
Could I but make his anthem mum.

TRENTON, N. J.—The state entomologist has issued a warning that there will be a plague of the 17-year locust next year in this section. It is the brood which made its last appearance in 1885 and which did much damage at that time.

THOMAS ROCKFORD, the famous English florist and nurseryman, died recently at the age of 82 years. The Rockford greenhouses cover an immense surface.

COLDWATER, MICH.—Van Aken Bros. have just finished building a fine retail store on Monroe street. They are cutting some fine mums.

SEND advs. at once for our Thanksgiving number, to be issued next week.

A Business Getting Issue

...OF THE...

Florists' Review

...WILL BE ITS...

**Annual Thanksgiving Number, to be
Published Next Week.**

In addition to reports of the numerous November exhibitions it will contain many other **special seasonable features of unusual value** to readers.

It will have a large circulation in the trade and will have extra good value as an advertising medium.

A strong special adv. in this number will pay you well. Please let us have your order and copy **QUICK**.

Florists' Pub. Co.

520-535 Caxton Bldg.,

CHICAGO.

SAMUEL S. PENNOCK, WHOLESALE FLORIST

OFFERS:

The Finest Valley, Grand 'Mums, Fall Novelties in Ribbons.

Long Distance Telephone. Store open from 7:30 a. m. to 9:00 p. m.

1612-14-16-18 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

LEO NIESSEN AMERICAN BEAUTIES--Choice Blooms

LONG DISTANCE TELEPHONE.

Open 7:00 a. m. to 9:00 p. m.

Wholesale Florist, N. W. Cor. 13th and Filbert Sts.

Valley, The best in the market.

Smilax, Fine Strings in quantity. Chrysanthemums, Choice blooms in best colors.

Mention The Review when you write.

CYCLAMEN GIGANTEUM. ENGLAND'S PRIZE STRAIN.

This strain of Giant Flowering Cyclamen, grown by an English specialist, has captured the prizes at the largest English exhibitions, and is offered with the utmost confidence that it will delight the most critical florist or private gardener. We offer the following choice varieties:—

	Per 50 seeds.	Per 100 seeds.		Per 50 seeds.	Per 100 seeds.
Crimson Queen —Rich, deep narrow red.....	40c	75c	White Swan —A grand flower and most profuse	40c	75c
Dixon Harland —Best pure white with garnet base.....	40c	75c	Blooming white cyclamen in cultivation.....	40c	75c
Duke of Connaught —A superb cherry color.....	40c	75c	English Prize Mixed —Comprising the above sub-	40c	75c
Rosey Morn —Bright rose with elegant blue.....	40c	75c	perb varieties.....	40c	75c

Prices of Hyacinths, Tulips, Narcissus, Lilies and Mushroom Spagn will be quoted on application.

JOHNSON & STOKES, 217-219 Market St., PHILADELPHIA, PA

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Ten acres and two large greenhouses. A snap. Poor health. Write W. A. Thomas, Alma, Mich.

WANTED—Wrought pipe 1/2, 2 and 3-inch, and fittings, and ventilating machines. Edwin Cone's Sons, 1830 W. 39th Street, Chicago.

WANTED—A single, honest, sober florist, one who is not afraid of work, and who can grow good general stock; state wages expected with room. Address W., care Florists' Review.

WANTED—Two young men, as assistants in greenhouse work; please state age, references, wages expected, etc. Apply to J. A. Peterson, McHenry ave., Cincinnati, Ohio.

FOR SALE—Or will exchange for glass, plants or cuttings—one double row riveted expansion tank good as new. For particulars write to Edwin H. Kiehl, North Alton, Ill.

WANTED—A sober, reliable man to take charge and run a general florist business; good cut flower grower and designer; stock in good condition; plant nearly new. Marion Floral Co., Marion, Ind.

SITUATION WANTED—By good reliable man, 21 years old; raised in the business. Address J. A. Schank, Red Wing, Minn.

FOR SALE—Cheap for cash; a well established florist business in a good southern Illinois town; contents and trade, consisting of three houses. For full particulars address A. K., care Florists' Review.

SITUATION WANTED—In retail store, or in commercial place; two years' experience in carnations and bedding plants; good recommend from employer; age 17; state wages with board and room. Clarence E. Bruce, Randolph, Vt.

FOR SALE—An old established florist business, centrally located in a thriving Western New York city of 12,000 inhabitants; the only florist in the city; 8,000 square feet of glass and store all in perfect condition; natural gas fuel with moderate rates; or will take partner with some experience; \$2,000 or more required; best of reasons given; for full particulars, address B. H., care Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago. Forty Houses, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$2,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR RENT OR SALE—A money-making florist business in best city of Texas, to a reliable and industrious party with some cash and security. Will give all necessary assistance from owner if desired; cut flowers and decorations are specialties; will give position for a time for examination if wanted; do not write if not in earnest; price, \$2,000.00. Address Texas, care Florists' Review.

FOR SALE—At a great bargain. Fine greenhouse plant with an established business. Wholesale and retail, 12 houses. Good stock on hand. Near Chicago. For particulars address Illinois, care of Florists' Review.

WANTED!

Experienced traveling salesman for well-known florists' supply house. One with knowledge of the business and with trade only need apply. State full particulars. Address

O., care Florists' Review.

A GREAT BARGAIN!

FOR SALE Florist's store in best residence section of Chicago—South Side. Well established. Good reasons for selling. 10 per cent less if sold this week. Call at

5411 Woodlawn Avenue for particulars.

FOR SALE, AT ONE-QUARTER VALUE, AT GETTYSBURG, PA. Two greenhouses, 50x18 ft. each, with potting house and office; partly stocked with ferns, begonias, cyclamen, chrysanthemums, etc. Houses cost \$1,200; ground, \$300. Only place in county of 40,000 population, on main street between a large college and seminary. Good battle-field trade. Can sell three times more than you can grow in plants and cut flowers. Price with pots, wire work, stock and good will. Four Hundred Dollars. Speak before cold weather. Furman Steam Boiler used. Address B. Z. STOVER, 611 N. Calvert St., Baltimore, Md.

FOR SALE!

A beautiful home of 20 acres, consisting of 10 acres of peaches, oranges and olives, and 10 acres of grain.

Fine house, barn, tank and windmill. A fine driveway lined with palms 20 feet high, also beds of 25 varieties of cacti. Fancy shrubs and shade trees. One of the finest places in California. Cost the owner \$14,000. It has been kept up by a hired gardener. Is situated 1 1/2 miles from two cities, and a neighbor will pay \$20 a year rent for same if buyer does not care to live on same. Price, \$6,000 spot cash. Title clear. Address

CALIFORNIA, care Florists' Review.

QUALITY TELLS--PRICE SELLS.

Asparagus Spr., 2-inch..... \$1.25 per 100
Daisies White Marg., 2-inch..... 2.00
Alternanthera, red pointed..... 40

E. I. RAWLINGS, QUAKERTOWN, PA.

Mention The Review when you write.

GEORGE M. MOSS, Wholesale Florist,

32 So. 17th St., PHILADELPHIA.

Chrysanthemum, Beauties, Brides, Maids and Valley.

Shipping Orders Promptly Executed.

Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST.

CHOICE CHRYSANTHEMUMS.

EVERYTHING IN CUT FLOWERS.

1526 Ranstead Street, PHILADELPHIA.

Bell and Keystone Telephones.

Mention The Review when you write.

FRED. EHRET, WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties.

1403-05 Fairmount Ave., Philadelphia.

Long Distance Telephone.

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PITTSBURG CUT FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburgh, Pa.

Mention The Review when you write.

DAGGER FERNS 75c per 1000.

Green or Bronze Galax, 75c per 1000, in 5000 lots.

Laurel Festooning, 4c, 6c and 6c per yard.

All goods picked and shipped fresh every day, so you are sure to have fresh stock and the best to be had.

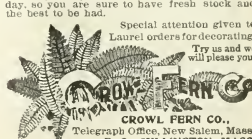
Special attention given to Laurel orders for decorating.

Try us and we will please you.

CROWL FERN CO., Telegraph Office, New Salem, Mass.

P. O., MILLINGTON, MASS.

Mention The Review when you write.



FALL EXHIBITIONS.

- Nov. 7-9—CHESTNUT HILL, PA.—Chestnut Hill Hort. Society. John Marston, Sec'y.
- Nov. 8—LAWRENCE, N. Y.—Lawrence Cedar-bush Hort. Society. Alex. McKenzie, Sec'y.
- Nov. 9—CINCINNATI, O.—Cincinnati Florists' Society. F. W. Ball, Sec'y, 416 Walnut street.
- Nov. 7-9—BOSTON.—Mass. Hort. Society. Rob't Manning, Sec'y, Horticultural Hall.
- Nov. 12—ORANGE, N. J.—New Jersey Floricultural Society. Geo. Smith, Sec'y, Orange, N. J.
- Nov. 12-13—ELMIRA, N. Y.—Elmira Hort. Society. H. N. Hoffman, Sec'y.
- Nov. 12-13—BALTIMORE.—Baltimore Gardeners' Club. J. J. Perry, Sec'y, Gay and Eager sts.
- Nov. 12-16—PHILADELPHIA.—Pennsylvania Hort. Society. David Rust, Sec'y, Hort. Hall, Broad street.
- Nov. 12-16—WACO, TEX.—Texas State Floral Society. J. W. Barnett, Sec'y, Waco, Tex.
- Nov. 13-14—HOUSTON, TEX.—Faith Home Ass'n. Mrs. M. E. Bryan, Sec'y.
- Nov. 13-15—ST. LOUIS.—St. Louis Florists' Club. E. Schray, Sec'y, 401 Pennsylvania avenue.
- Nov. 14-15—MARSHALL, TEX.—East Texas Flower Ass'n. F. S. Biggs, Sec'y, Marshall, Tex.
- Nov. 13-16—DETROIT, MICH.—Detroit Florists' Club. J. F. Sullivan, Sec'y, 214 Woodward street.
- Nov. 13-16—TORONTO, ONT.—Toronto Gardeners and Florists' Ass'n. W. C. Jay, Sec'y, 433 Spadina avenue.
- Nov. 14-16—NEW ORLEANS.—New Orleans Hort. Society. D. Newsham, Sec'y.
- Nov. 15-16—PROVIDENCE, R. I.—Rhode Island Hort. Society. C. W. Smith, Sec'y, 61 West-linger street.
- Nov. 18-23—KANSAS CITY, MO.—Convention Hall. F. J. Taggart, Director. John Thorpe, Sup't.

Revised Scales of the Chrysanthemum Society of America.

Scale A.—Scale of points for bush plants and standards, single specimen or any number up to six in an exhibition where the class under consideration does not form the chief feature in the exhibition hall:

Equality of size and form of plants.....	40
Excellence of bloom.....	35
Foliage.....	25
.....	100

Scale B.—Scale of points for bush plants; exhibits of more than six or for any number of specimen plants in an exhibition where the class under consideration forms the chief feature in the exhibition hall:

Excellence of bloom.....	40
Equality of size and form of plants.....	35
Foliage.....	25
.....	100

Scale C.—Scale of points for plants grown to single stem and one bloom. A height of not over three feet is recommended for plants in class and pots not over 6 inches in diameter:

Excellence of bloom.....	40
Compact and sturdy growth.....	35
Foliage.....	25
.....	100

Scale D.—Scale of points on specimen blooms for commercial purposes:

Color.....	25
Form.....	25
Fullness.....	15
Size.....	15
Stem and foliage.....	10
Substance.....	10
.....	100

Scale E.—Scale of points on specimen blooms for exhibition purposes:

Distinctiveness.....	25
Color.....	25
Form.....	15
Size.....	15
Stem.....	10
Foliage.....	10
Fullness.....	10
.....	100

HARTFORD CITY, IND.—The Hartford City Floral Company is soon to have new quarters. This is a branch of the Muncie Flora Company. Mr. Simon Humfeld, the proprietor, bought two of the finest lots in the city last week, upon which will be built some good cut flower houses in the spring to supply flowers for both places. Mr. Burt Humfeld will have charge of the new plant. Mrs. Anderson still keeps the downtown sales-room.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF CUT FLOWERS
AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations
A Specialty....
WHOLESALE GROWER OF CUT FLOWERS

PETER REINBERG,
Grower and Wholesaler of Cut Flowers
600,000 FEET OF GLASS.
Headquarters for American Beauty.
51 Wabash Ave. CHICAGO, ILL.
Mention The Review when you write.

G. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., Wholesale Florists.
CINCINNATI, O.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St. CHICAGO, ILL.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Manager.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
35 Randolph St. CHICAGO.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegraph and telephone orders given prompt attention. greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
Mention The Review when you write.

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS

H.G. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,
1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
Mention The Review when you write

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.
Mention The Review when you write.

This Week Special Bargains

we offer the following

CUT FLOWERS.

MUMS.

All varieties, all grades, at lowest market prices.

ROSES.

All varieties in abundance.

CARNATIONS.

In abundance.

COMPLETE STOCK OF

**ORCHIDS, VALLEY, VIOLETS,
SMILAX, ASPARGUS, WILD SMILAX
AND ALL CUT FLOWERS.**

Our prices as low as any grower or dealer.
If you don't receive our weekly lists notify us at once.

We carry the MOST COMPLETE STOCK OF FLORISTS' SUPPLIES of any house in the States.
REMEMBER we are STRICTLY HEADQUARTERS on all CUT FLOWERS, SUPPLIES and XMAS GOODS. Orders booked now for
GREEN, HOLLY, MISTLETOE and other Holiday Goods. Send for our lists.

SUPPLIES:

CANE STAKES, new crop, 5 feet long, per 1000, \$2.00; 10,000 for \$18.00.
RIBBONS, finest satin, per bolt, No. 12, 95c; No. 16, \$1.15; No. 22, \$1.25. All colors. We can supply any grade of Ribbon desired at lowest prices. Remember, we meet all competitors in price.
CHEVILLE, all colors, small, per roll, 20c; dozen, \$1.50. Medium, per roll, 35c; dozen, \$1.75.
NEW KORAL LETTERS, per 100, script, \$3.50. Block letters, \$1.50 per 100. We are sole Chicago Agents for Koral letters.
GREEN SHEET MOSS, fresh from the woods, per bag (about same as bbl.), \$1.75.
SPHAGNUM MOSS, just received from swamps, 5 bales, \$4.00; 10 bales, \$7.50.
TOOTH PICKS, Tower & Cutters', No. 1 B, 20 boxes, \$1.00; per case, 100 boxes, \$4.75.
TOBACCO STEMS, fresh stock just received, per 100 lbs., \$1.00; 500 lbs., \$4.50; 1000 lbs., \$8.00.
CYCAS LEAVES, perpetuated, finest quality, 24 to 40-inch, assorted, per dozen, \$2.00.
WIRE WORK, Orders \$10.00 to \$25.00, 25 per cent. discount off our catalogue prices. Orders \$25.00 to \$50.00, 30 per cent. Write for special quotations on extra large lots.

McKELLAR & WINTERSON

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

FRANK GARLAND,

WHOLESALE GROWER
and Shipper of

CUT FLOWERS,

55-57 Wabash Avenue,

TEL. CENTRAL 3284. CHICAGO.

Mention The Review when you write.

GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND
.....GROWER OF CUT FLOWERS

Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.

Write, Wire or Phone. Quick Service Given.

Mention The Review when you write.

Holton & Hunkel Co.,

Wholesale

Cut Flowers and Supplies

Milwaukee, Wis.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. / GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We
have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Valley! Valley! Valley!

The FINEST in large quantities
always on hand.

H. N. BRUNS,

1409-1411 W. Madison St., CHICAGO, ILL.

Mention The Review when you write.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

MICHIGAN

CUT FLOWER EXCHANGE.

WM. DILGER, Manager.

Wholesale Florist Commission,
Full line of Florists' Supplies and Decorations
Special attention to shipping orders.

26 Miami Avenue, DETROIT, MICH.

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Lily of the Valley

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitan, rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum rooted cuttings, Stella Gurney and dwarf white, \$2.00 per 100 by mail. Cash. H. Vincent, Jr. & Son, White Marsh, Md.

Ageratum, best varieties, 2 1/2-in., \$1.50 per 100. Cash. O. F. Searles, Nishua, N. H.

ALTERNANTHERA.

Alternanthera rooted cuttings, in variety, 50c per 100. See by mail. Cash. H. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera, red, rooted cuttings, 40c per 100. E. I. Rawlings, Quakertown, Pa.

ALYSIUM.

Alysiurn, Dul. Giant, 2-1/2 in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

If you read these advs. others would read yours.

ARAUCARIAS.

Araucaria excelsa, fine plants, 6-in. pots, 12 to 14 inches, 2 to 4 tiers, \$1.00 each; \$12.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each; \$15.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS.

Asparagus Plumosus Nanus. Fine stock, 2 1/2-in. pots, \$3.00 per 100. Sprenger, 4-in. pots, \$5.00 per 100. Boston Ferns, very bushy, 39 to 35-in., 4-in. pots, \$12.00 per 100. W. S. Hammond & Son, Carthage, N. Y.

SPRENGER, \$2.50 per 100; \$20.00 per 1000. PLUMOSUS, \$3.00 per 100; \$30.00 per 1000. Extra fine plants, ready to shift into 3 1/2-in. pots. Jackson & Perkins Co., Newark, New York.

Asparagus Sprenger, 2 1/2-in., \$2.50 per 100; \$20.00 per 1,000. A. plumosus, 4-in., \$1.00 per doz.; \$5.00 per 100. 2 1/2-in., \$4.00 per 100; \$35.00 per 1,000. Cash. John A. Doyle Co., Springfield, Ohio.

Asparagus SPRENGER and PLUMOSUS, 2-in. pots, \$4.00 per 100; 3-in., \$5.00 per 100. WALTER RETZER & CO., 2945-59 Clarendon Ave., Chicago.

Asparagus, per 100: Sprenger, 3-in. pots, \$4.50; 4-in. pots, \$8.00; plumosus nanus, 3-in. pots, \$1.00. Dickerson & Belden, Box 275, Miami, Fla.

We have a fine lot of A. Sprenger and plumosus for Thanksgiving decorations. Write us for sizes and prices. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprenger, strong plants, 2 1/2-in. pots, \$1.25 per 100. Cash. Guaranteed first class. Buckley Plant Co., Springfield, Ill.

ASPARAGUS PLUMOSUS NANUS. Cut strings 8 feet long, 50 cents per string. W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprenger, 3-in., \$4.50 per 100. A. plumosus nanus, 3-in., \$5.00 per 100. Cash. Morris Floral Co., Morris, Ill.

Asparagus plumosus, fine, strong plants, 3-in., \$6.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Asparagus plumosus nanus, from flats, \$2.00 per 100, express prepaid. Mitting Floral Co., Loomis, Cal.

5,000 Asparagus plumosus nanus, strong 2 1/2-in., \$3.00 per 100. A. J. Baldwin, Newark, Ohio.

Asparagus plumosus, 4-in., \$8.00 per 100. Cash. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprenger, 2 1/2-in., \$2.50 per 100. Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus, strong 2-in., \$3.00 per 100. H. Hills, Elkhardt, Ind.

Asparagus Sprenger, 2-in., \$1.25 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

ASPIDISTRA.

Pot-growing plants of ASPIDISTRA. The green and variegated leaves. Have a large stock, in perfect condition, of both. Leaves measuring from 20 to 30 inches. Write for prices on above; also prices on bulbs, roots and plants.

F. W. O. SCHMITZ, Princebay, N. Y. Aspidistra, variegated and green. Greene & Underhill, Watertown, N. Y.

AZALEAS.

Place your order now for early shipment by freight and save heavy express charges later. 10-12 in. crowns, 4.50 per doz.; 25.00 per 100 12-14 in. crowns, 6.00 per doz.; 45.00 per 100 14-16 in. crowns, 7.50 per doz.; 55.00 per 100 16-18 in. crowns, 12.00 per doz.; 90.00 per 100 18-20 in. crowns, 25.00 per doz.; 200.00 per 100 20-24 in. crowns, 36.00 per doz.; 360.00 per 100. Mme. Van der Cruyssen is scarce this season, but we are in position to still supply 10 per cent of this variety in assorted lots.

H. W. BARNARD, 714 Chestnut St., Philadelphia, Pa.

AZALEAS, all sizes. Varieties: Veveancana, Simon Mardner and Van der Cruyssen, \$40, \$50, \$60, \$80 and \$100 per lot. Also large plants, \$5 each. Anton Schibele, P. O. Box 78, College Point, New York City. Ask for price list.

AZALEAS. We have a limited stock of well-shaped Azaleas at \$4.50 per doz. for 10 to 12 in.; \$6.00 per doz. for 12 to 14 in.; \$7.50 per doz. for 14 to 16 in. Special prices for case lots. W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Azalea Arnica, one of the choicest hardy shrub plants. Two-year-old field-grown plants, 20 to 30 in. From thumb pots, \$5.00 per 100; 3 1/2-in. pots, \$12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list. BOEBINK & ATKINS, RUTHERFORD, N. J.

AZALEAS. The best varieties; immediate delivery, 14-in. crowns, 45c; 16-in., 55c. C. C. Foltworth Co., Milwaukee, Wis.

Azalea indica, just arrived, leading sorts, \$30.00 per 100. Whitton & Sons, City and Green Sts., Utica, N. Y.

BEGONIAS.

BEGONIA GLOIRE DE LORRAINE, 2 and 2 1/2-in. pots, \$15.00 per 100. Guaranteed good healthy stock. Write for prices on large quantities. J. A. PETERSON, McHenry Ave., Westwood, Cincinnati, O.

Begonia Rex, rooted cuttings, \$2.00 per 100. Cash. P. C. O. D. Greene & Underhill, Watertown, N. Y.

Begonia Rex, named varieties, 2 1/2-in. pots, \$4.00 per 100. Nathan Smith & Son, Adrian, Mich.

Begonia Gloire de Lorraine, \$15.00 per 100; \$100.00 per 1,000. Cottage Gardens, Queens, N. Y.

Rooted cuttings of flowering begonias in variety. Fine. A. J. Baldwin Newark, Ohio.

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Jerusalem cherries. Suitable for 6 and 7-in. pots, from field, 10c per plant. Parkville Nurseries, Coney Island Ave., opposite Newkirk Ave., Brooklyn, N. Y.

Jerusalem cherries, well established in 7 and 8-in. pots, extra strong and well fruited, \$3.00 per doz. Dana R. Herron, Olean, N. Y.

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Jerusalem cherry, well berried, 5-in. pots, \$10.00 per 100. A. Schmidt, Glenville, Ohio.

BULBS.

Surplus HYACINTH bulbs, extra fine, selected stock: White; Alba; superlata; Baron von Thuyl; Grandeur a Merveille; Mme. Van der Hoop, etc. Red and rose. Norma, Lord Macaulay, Gigantea, Roi des Belges, etc. First size, 6c 25 per 100; second size, \$2.50 per 100. H. W. BARNARD & CO., 161 Kinzie St., Chicago.

NARCISSUS. Von Son, \$1.50 per 100; \$14.00 per 1,000. Trumpet Major, \$1.00 per 100; \$8.75 per 1,000. Princess or Ajax, 85c per 100; \$7.75 per 1,000. All the fine, large bulbs. Send for our bulb catalogue. H. F. MICHELL, 1018 Market St., Philadelphia.

Special offer of NARCISSUS and DAFFODIL bulbs before replanting. All best forcing stock. Lowest prices quoted on application. AMERICAN HYACINTH CO., Peterburg, Va.

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Trumpet Major, extra large, \$4.15 \$39.50 \$5.00
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Lil. Longiflorum, Japan grown, \$11.00 \$90.00 \$13.00
Lil. Longiflorum, Japan grown, \$12.00 \$100.00 \$14.00
Lil. Longiflorum, Japan grown, \$13.00 \$110.00 \$15.00
Lil. Longiflorum, Japan grown, \$14.00 \$120.00 \$16.00
Lil. Longiflorum, Japan grown, \$15.00 \$130.00 \$17.00
Lil. Longiflorum, Japan grown, \$16.00 \$140.00 \$18.00
Lil. Longiflorum, Japan grown, \$17.00 \$150.00 \$19.00
Lil. Longiflorum, Japan grown, \$18.00 \$160.00 \$20.00
Lil. Longiflorum, Japan grown, \$19.00 \$170.00 \$21.00
Lil. Longiflorum, Japan grown, \$20.00 \$180.00 \$22.00
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Lil. Longiflorum, Japan grown, \$23.00 \$210.00 \$25.00
Lil. Longiflorum, Japan grown, \$24.00 \$220.00 \$26.00
Lil. Longiflorum, Japan grown, \$25.00 \$230.00 \$27.00
Lil. Longiflorum, Japan grown, \$26.00 \$240.00 \$28.00
Lil. Longiflorum, Japan grown, \$27.00 \$250.00 \$29.00
Lil. Longiflorum, Japan grown, \$28.00 \$260.00 \$30.00
Lil. Longiflorum, Japan grown, \$29.00 \$270.00 \$31.00
Lil. Longiflorum, Japan grown, \$30.00 \$280.00 \$32.00
Lil. Longiflorum, Japan grown, \$31.00 \$290.00 \$33.00
Lil. Longiflorum, Japan grown, \$32.00 \$300.00 \$34.00
Lil. Longiflorum, Japan grown, \$33.00 \$310.00 \$35.00
Lil. Longiflorum, Japan grown, \$34.00 \$320.00 \$36.00
Lil. Longiflorum, Japan grown, \$35.00 \$330.00 \$37.00
Lil. Longiflorum, Japan grown, \$36.00 \$340.00 \$38.00
Lil. Longiflorum, Japan grown, \$37.00 \$350.00 \$39.00
Lil. Longiflorum, Japan grown, \$38.00 \$360.00 \$40.00
Lil. Longiflorum, Japan grown, \$39.00 \$370.00 \$41.00
Lil. Longiflorum, Japan grown, \$40.00 \$380.00 \$42.00
Lil. Longiflorum, Japan grown, \$41.00 \$390.00 \$43.00
Lil. Longiflorum, Japan grown, \$42.00 \$400.00 \$44.00
Lil. Longiflorum, Japan grown, \$43.00 \$410.00 \$45.00
Lil. Longiflorum, Japan grown, \$44.00 \$420.00 \$46.00
Lil. Longiflorum, Japan grown, \$45.00 \$430.00 \$47.00
Lil. Longiflorum, Japan grown, \$46.00 \$440.00 \$48.00
Lil. Longiflorum, Japan grown, \$47.00 \$450.00 \$49.00
Lil. Longiflorum, Japan grown, \$48.00 \$460.00 \$50.00
Lil. Longiflorum, Japan grown, \$49.00 \$470.00 \$51.00
Lil. Longiflorum, Japan grown, \$50.00 \$480.00 \$52.00
Lil. Longiflorum, Japan grown, \$51.00 \$490.00 \$53.00
Lil. Longiflorum, Japan grown, \$52.00 \$500.00 \$54.00
Lil. Longiflorum, Japan grown, \$53.00 \$510.00 \$55.00
Lil. Longiflorum, Japan grown, \$54.00 \$520.00 \$56.00
Lil. Longiflorum, Japan grown, \$55.00 \$530.00 \$57.00
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Lil. Longiflorum, Japan grown, \$61.00 \$590.00 \$63.00
Lil. Longiflorum, Japan grown, \$62.00 \$600.00 \$64.00
Lil. Longiflorum, Japan grown, \$63.00 \$610.00 \$65.00
Lil. Longiflorum, Japan grown, \$64.00 \$620.00 \$66.00
Lil. Longiflorum, Japan grown, \$65.00 \$630.00 \$67.00
Lil. Longiflorum, Japan grown, \$66.00 \$640.00 \$68.00
Lil. Longiflorum, Japan grown, \$67.00 \$650.00 \$69.00
Lil. Longiflorum, Japan grown, \$68.00 \$660.00 \$70.00
Lil. Longiflorum, Japan grown, \$69.00 \$670.00 \$71.00
Lil. Longiflorum, Japan grown, \$70.00 \$680.00 \$72.00
Lil. Longiflorum, Japan grown, \$71.00 \$690.00 \$73.00
Lil. Longiflorum, Japan grown, \$72.00 \$700.00 \$74.00
Lil. Longiflorum, Japan grown, \$73.00 \$710.00 \$75.00
Lil. Longiflorum, Japan grown, \$74.00 \$720.00 \$76.00
Lil. Longiflorum, Japan grown, \$75.00 \$730.00 \$77.00
Lil. Longiflorum, Japan grown, \$76.00 \$740.00 \$78.00
Lil. Longiflorum, Japan grown, \$77.00 \$750.00 \$79.00
Lil. Longiflorum, Japan grown, \$78.00 \$760.00 \$80.00
Lil. Longiflorum, Japan grown, \$79.00 \$770.00 \$81.00
Lil. Longiflorum, Japan grown, \$80.00 \$780.00 \$82.00
Lil. Longiflorum, Japan grown, \$81.00 \$790.00 \$83.00
Lil. Longiflorum, Japan grown, \$82.00 \$800.00 \$84.00
Lil. Longiflorum, Japan grown, \$83.00 \$810.00 \$85.00
Lil. Longiflorum, Japan grown, \$84.00 \$820.00 \$86.00
Lil. Longiflorum, Japan grown, \$85.00 \$830.00 \$87.00
Lil. Longiflorum, Japan grown, \$86.00 \$840.00 \$88.00
Lil. Longiflorum, Japan grown, \$87.00 \$850.00 \$89.00
Lil. Longiflorum, Japan grown, \$88.00 \$860.00 \$90.00
Lil. Longiflorum, Japan grown, \$89.00 \$870.00 \$91.00
Lil. Longiflorum, Japan grown, \$90.00 \$880.00 \$92.00
Lil. Longiflorum, Japan grown, \$91.00 \$890.00 \$93.00
Lil. Longiflorum, Japan grown, \$92.00 \$900.00 \$94.00
Lil. Longiflorum, Japan grown, \$93.00 \$910.00 \$95.00
Lil. Longiflorum, Japan grown, \$94.00 \$920.00 \$96.00
Lil. Longiflorum, Japan grown, \$95.00 \$930.00 \$97.00
Lil. Longiflorum, Japan grown, \$96.00 \$940.00 \$98.00
Lil. Longiflorum, Japan grown, \$97.00 \$950.00 \$99.00
Lil. Longiflorum, Japan grown, \$98.00 \$960.00 \$100.00
Lil. Longiflorum, Japan grown, \$99.00 \$970.00 \$101.00
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Lil. Longiflorum, Japan grown, \$161.00 \$1590.00 \$163.00
Lil. Longiflorum, Japan grown, \$162.00 \$1600.00 \$164.00
Lil. Longiflorum, Japan grown, \$163.00 \$1610.00 \$165.00
Lil. Longiflorum, Japan grown, \$164.00 \$1620.00 \$166.00
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Lil. Longiflorum, Japan grown, \$181.00 \$1790.00 \$183.00
Lil. Longiflorum, Japan grown, \$182.00 \$1800.00 \$184.00
Lil. Longiflorum, Japan grown, \$183.00 \$1810.00 \$185.00
Lil. Longiflorum, Japan grown, \$184.00 \$1820.00 \$186.00
Lil. Longiflorum, Japan grown, \$185.00 \$1830.00 \$187.00
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Lil. Longiflorum, Japan grown, \$190.00 \$1880.00 \$192.00
Lil. Longiflorum, Japan grown, \$191.00 \$1890.00 \$193.00
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Order quick
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All good stock, \$20.00 take the entire lot. Any part of them in season.
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20,000 field-grown carnations. We escaped the drought, consequently our stock is in good shape for benching. We have all the leading varieties; lowest prices quoted on application.
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Carnations. We have left 200 Jubilee, 100 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100, 1000 New York and 200 Scott, \$5.00 per 100. Crab & Hunter, Grand Rapids, Mich.

Fine field-grown plants of Marquis, E. Crocker, Alma (new rose pink), Genevieve Lord at \$6.00 per 100. Armazindy, \$5.00 per 100. C. Merkel & Son, Mentor, Ohio.

Strong field-grown Armazindy, Eradt, White Cloud and Evanston, \$4.00 per 100, \$35.00 per 1,000. Stock in extra fine shape. Pochmann Era Co., Morton Grove, Ill.

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Cinerarias, large, transplanted, ready for potting, \$1.50 per 100; 400 for \$5.00. Out of 2 1/2-inch, \$1.00 per 100; for 4.00; 5-inch, \$2.00 per 100; 400 for \$10.00. Whitton & Sons, City and Green St., Utica, N. Y.

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Assorted ferns for fern dishes. Strong plants out of flats, \$1.10 per 100 by mail, \$1.00 by express; 2 1/2-in., \$2.50 (express); 3-in., \$5.00; 4-in., \$8.00. Pteris tremula compacta (new fern), strong and compact growth, 2 1/2-in., \$6.00; 4-in., \$15.00 per 100. Try R. C. G. Papsch, Moorestown, N. J.

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All transplanted, field-grown. Not less than 29 of a kind supplied. All rates. Orders taken subject to stock being sold. Send for more complete surplus list.

- 500 Aquilegia Chrysantha, 4c to 5c each.
- 100 Aquilegia Sibirica, 4c.
- 200 Anemone Italica, 3c.
- 500 Aquilegia oxycarpa, earliest and finest, 4c.
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- 500 Aspidium Goldianum, 6c.
- 200 Aster Novae Angliae, 6c.
- 200 Botania Australis, 5c.
- 200 Callitroche involucrata, 4c.
- 200 Cassia Marilandica, 3c.
- 200 Cassinia Canadica, 5c.
- 200 Clematis Virginiana, 5c.
- 200 Clematis Davidsonia, 5c.
- 200 Cypripedium parviflorum, 6c.
- 200 Cypripedium candidum, 6c.
- 200 Cypripedium pubescens, 6c.
- 500 Cypripedium montanum, 6c.
- 500 Clematis Virginia, 5c.
- 200 Dicentra eximia, 4c.
- 500 Dracopcephalum altaense, 4c.
- 100 Delphinium grandiflorum, 4c.
- 100 Dianthus barbatus, 4c.
- 100 Echinops ritze, 5c.
- 300 Gaillardia grandiflora, 4c.
- 500 Hebescaea repens, 4c.
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- 400 Iris graminea, 4c.
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- 500 Lilium Australicum, 4c.
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- 200 Platycodon grandiflorum, 4c.
- 500 Primula officinalis (Cow Slip), 4c.
- 100 Polygonatum giganteum, 5c.
- 500 Rudbeckia fulgida, 4c.
- 200 Silene Pennsylvanica, 4c.
- 200 Acer rubrum, 4 to 5 ft., 3c.
- 500 Box maples, 2 ft., 2c.
- 200 Acer campestre, 2 to 3 ft., 4c.
- 100 Acer glabrate, 5 to 8 ft., 6c.
- 100 Acer glabrate, 15 to 24 in., 4c.
- 100 Betula ulma, 2 to 5 ft., 3c.
- 200 Cercis Canadensis, 5 ft., 6c.
- 500 Cornus paniculata, 3 to 5 ft., 4c.
- 100 Cornus sericea, 3 to 4 ft., 4c.
- 100 Cornus alternifolia, 18 to 24 in., 5c.
- 200 Cornus stolonifera, 3 to 5 ft., 3c.
- 500 Diethra aconitifolia, 1 to 2 ft., 3c.
- 100 Viburnum opulus, 2 to 4 ft., 10c.
- 100 Viburnum pubescens, 15 to 24 in., 5c.
- 200 Quercus macrocarpa, 3 to 4 ft., 15c.
- 100 Quercus bicolor, 3 to 4 ft., 15c.
- 200 Quercus rubra, 4 to 5 ft., transplanted last spring, 35c.
- 1000 Ilex verticillata, 1 to 2 ft., stocky, 5c.
- 400 Pyrus arbutifolia, black fruit, 2 ft., 4c.
- 200 Viburnum dentatum, 18 to 24 in., 5c.
- 200 Hemlocks, 12 to 15 in., stocky, 5c.
- 200 White Pine, 15 to 30 in., 3c.
- 200 White Pine, 15 to 30 in., 3c.
- 500 Norway spruce, 12 to 15 in., 5c.
- 200 Taxus Canadensis, 12 to 20 in., 5c.
- 200 English Oaks, 2 to 3 ft., 6c.

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Forest trees and shrubbery. The largest stock of forest trees and shrubbery in this part of the country. We can supply trees from 1 to 4 inches in diameter; 100,000 California Privet, 2 to 4 ft., very fine. Also a full assortment of other nursery stock. Florists, gardeners and others supplied at special rates in large or small quantities. A personal inspection of our stock is invited. Send for catalogue and price list. Address Stephen Hoyt's Sons, New Canaan, Conn.

15,000 English PRIVET.
Fine hedge plants, 3 years old, twice transplanted; stocky, 2 to 3 feet, \$3.00 per 100; \$20.00 per 1,000.

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Fine bushy stock, 2 to 2 1/2 feet, twice transplanted, will work nicely in 6-in. pots, will force easily for Christmas, \$5.00 per 100. Cash with order. 10 plants as sample, \$4.00.

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500 Anemone Japonica WHIRLWIND, large field-grown clumps. One of the loveliest of fall flowers, with a quality of distinction all its own; fine for herbaceous borders; long stems for cutting. \$2.50 per doz.; \$15.00 per 100. W.M. B. SANDS, Lake Roland, Baltimore, Md.

Hardy herbaceous plants, including lilies, orchids, water plants, hardy pinks, delphiniums, iris, ychnis, campanulas, dianthus, digitals, Heuchera sanguinea, etc. Catalogue sent. E. G. Gillett, Southwick, Mass.

25 elms, 5 to 8 in. tall; cypress, fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.
Dicentra spectabilis, strong field-grown plants, \$1.00 per doz.; \$5.00 per 100.
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I have for sale a fine stock of the hardy lily Tenutofilum
For E. H. Burdett, Clifton, New York.

Free, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

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Heliotropes, in variety, 2 1/2-in., \$2.00 per 100; rooted cuttings, 50c per 100, 50c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.
Heliotropes, 3-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.
Heliotropes, 2 1/2-in., \$2.00 per 100. Cash. O. P. Scaria, Nashua, N. H.

HIBISCUS.

Hibiscus, in variety, 4-in. pots, \$5.00 per 100. Louis Unverzagt, Springfield, Ill.
If you read these advs. others would read yours.

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OTAKSA, 11-in. pots, 3 plants to a pot, 15 to 20 branches, \$4.50 per 100; \$50.00 per 1,000.
OTAKSA, and FROS HOGG, 5 1/2-in. pots, \$3.00 per 100; \$30.00 per 1,000.
Stocky outdoor-grown plants, Jackson & Perkins Co., Newark, New York.
Hydrangea Otaksa, pink. Fit for Easter forcing, well branched, \$25.00 per 100. Anton Schultheis, P. O. Box 78, College Point, New York City. Write for price list.
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Hydrangeas Hoeg and Montrosa, 3 1/2-in. pots, \$3.00 per 100. C. M. Niuffer, Springfield, Ohio.
200 hydrangeas, 3-in. pots, \$5.00 per 100. C. G. Nanz, Owensboro, Ky.

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Lantana Blancout, Setain, Harket's Perfection, Montfort, Hector and D'Orr, 2 1/2-in., \$2.00 per 100. C. M. Niuffer, Springfield, Ohio.
Lantanas, in variety, 2 1/2-in., \$2.00 per 100; rooted cuttings, 50c per 100, 50c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

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CIAS X and MARIE LEGRAYE, pot-grown, extra fine, well set with flower buds, \$2.00 per 100; \$20.00 per 1,000.
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LILY OF THE VALLEY.

Lily of the Valley, Empire brand, finest sort, \$1.00, \$1.50, 1,000, \$12.00 cases, 5,000, \$27.00. Very fine stock, 100, \$125; 1,000, \$1,000; cases, 2,500, \$25.00. Send for our fall catalogue. H. H. Berger & Co., 4 Barclay St., New York.
Lily of the Valley, home-grown stock, 2 to 3-yr.-old plants, \$3.00 per 100; \$25.00 per 1,000. Large clumps of same, about 10 plants to clump, at \$3.00 per 100. W. A. Finger, Hicksville, L. I., N. Y.

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Fine, stocky plants of the large-flowering marsh variety, from selected seeds, 5-yr. pots, \$2.00 per 100, \$20.00 per 1,000. A. Meyer, 2218 So. Jefferson Ave., St. Louis, Mo.

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Fresh English MILLTRACK mushroom spawn, just received. Per brick (about 1 1/2 lbs.), 15c, postpaid 25c; 2 1/2 lbs., \$1.60; 100 lbs., \$16.00; 1000 lbs., \$150.00. Cash at 1,000 lb. rate. Johnson & Stokes, 217 1/2 B'nk St., Philadelphia, Pa.
Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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Best named sorts; beautiful, bushy plants. Blooming stage, grafted 2 years; 12-in., \$20.00 per 100. Not less than 50 at this rate.
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We have always on hand a stock of established and unestablished orchids. A number of variety now in seash and spike. Correspondence solicited. Lager & Hartzell, Summit, N. J.
Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

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Oxalis Deppel, Aiba and Rosen, Lasiandra, Purpurea and Sibira. Special each at \$1.00, 100 to \$20.00, C. Betscher, Canal Dover, Ohio.

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Faenon Chimensis Thurbick (pink), one of the best cut flowers; 2 to 5 crowns each at \$1.00. A. Finger, Hicksville, L. I., N. Y.
Pæonies, red, scarlet, pink, white, assorted, strong field-grown clumps, \$10.00 per doz. Strong divided roots, \$10.00 per 100.
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PALMS, ETC.

PALMS. Home-grown, strong and healthy. ARCA LUTESCENS.

	Inch	Inches	Per	Per
	pots.	high.	100	100
1 plant	2	10-12	\$1.00	\$ 5.00
3 plants	4	15	3.00	25.00
3 plants	6	22-22	9.00	75.00
3 plants	6	24-26	12.00	100.00
			Each.	Doz.
3 plants	8	30-35	\$ 3.00	\$39.00
3 plants	10	42-45	5.00	

	Inch	Inches	Per	Per
	pots.	Leaves.	high.	100
1/2	4	8	\$1.50	\$12.00
2	4	12	2.50	20.00
3	4	16-18	4.00	30.00
4	4	20-22	5.50	35.00
5	4	24-26	8.00	50.00
6	4	28-30	10.00	60.00
7	4	32-34	12.00	75.00
8	4	36-38	15.00	100.00

KENTIA FORSTERIANA. The following varieties and sizes of PALMS are of special value, being larger and in every way better stock than I have ever offered for the same price.

	Pots.	High.	12	100
6-in., 3 in a pot, 16 to 25-in.			\$3.00	\$20.00
6-in., 3 in a pot, 20 to 24-in.				75c each
6-in., 3 in a pot, 28 to 30-in.				1.00 each
8-in., 2 in a pot, 30 to 36-in.			\$2.00	\$25.00 each

	Pots.	Leaves.	High.	12	100
3-in.	4 to 5	9 to 10-in.	\$2.00	\$15.00	
3-in.	4 to 5	10 to 12-in.	\$2.50	18.00	
3-in.	4 to 5	16 to 18-in.	4.00	30.00	
6-in.	6 to 8	20 to 24-in.	7.5c	\$1.00 each	

KENTIA FORSTERIANA. Latania Borbonica, 6-in., 6 to 7 leaves, very strong, 50c each.
Pandanus Utilia, 16 inches high, 6 in, 50c each.
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Hammond's Greenhouse White. B. Hammond, Fishkill-on-Hudson, N. Y.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hirs & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

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Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

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Always on hand. Best Madagascar, 10 lb. lots, \$1.60; 100 lb. lots, \$12.00. Prices bale lots on application. A. Rolker & Sons, 52 Dey St., N. Y. City.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10-bale lots, \$5.50. Send for sample bale. Z. K. Jewett & Co., Santa, Wis.

Clean, fresh, 5 bbl. bale, \$1.00; 3 bales, \$2.50; 6 bales, \$4.00. H. R. Akera, Chataworth, N. J.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Palen Co., Kingston, N. Y.

TOBACCO STEMS.

Fresh stems, 200-lb. bales, \$1.50. Cash. W. C. Becker, Allegheny, Pa.

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FIFTEEN HOUSES.
40,000 BLOOMS.

All the best and newest sorts. **WHITE**—Timothy Eaton, Kalb, Robinson, Ivory, Woodford, The Queen, Mayflower, Jerome Jones, Greichen Buetner, Wannamaker, Chadwick. **BRONZE**—Lady Hanham, Chas. Davis. **YELLOW**—Dei, Sunshine, Col. Appleton, Golden Trophy, Mrs. Willidin, Modesto, Bonnafont, Pennsylvania, Golden Wedding, Harry Hurrell, Rieman, Yellow Jones, Eclipse, Yellow Mayflower, Yellow Queen. **PINK**—Glory of Pacific, Maud Dean, Ferrin, Vivand-Morel, Prof. Smith, Spaulding, Murdoch, Autumn glory. **RED**—Jeterick, Shrimpton, Childs. The largest and best stock in the west. Also **LARGE STOCK OF POT 'MUMS**; specimens, good commercial varieties in fine shape.

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Twelve Houses. They are in fine shape and producing the kind of flowers you want.

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Thirty-six Houses. All in the best possible condition and producing high-grade stock.

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Eight Houses. All the best sorts, grown right and cut right for shipping.

FANCY MIGNONETTE AND EVERYTHING ELSE in the line of CUT FLOWERS. We are growing big lots of **LILIES and BULB STOCK.**

CHRYSANTHEMUM STOCK PLANTS.

ROEHLMANN BROS. COMPANY,

Greenhouses, **MORTON GROVE, ILL.** **WHOLESALE GROWERS OF AND DEALERS IN Cut Flowers, 31, 33, 35 Randolph St., CHICAGO.**

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JOHN H. LEY,
Goodhope, Washington, D. C.

Can supply good, well-grown plants, as below:

- Ferns, from flats, 10 good sorts, strong, 100 mailed, \$1.25; 1000 by express, \$10.00.
 - Boston Fern, strong runners, 3 to 4 leaves each, \$2.00 per 1000. Per doz.
 - Neph. D. Furcans, 8-in. pans, fine plants... \$9.00
 - Phillipsiae, 6, 6 very large... 2.00
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 - Lomaria Gibba, 5-in. pans... 2.00
 - Climbing Fern, 6-in. pots, 6 ft. long... 3.00
 - Dracena Lindenii, 4-in. pots... 3.00
 - Clematis Paniculata, strong seedlings, \$5.00 per 1000
- Well packed for Cash with order. F. O. B. Washington, D. C.

DECIDUOUS TREES.

Maples. Norway, Sugar, Silver, Sycamore, Ash Leaved and other varieties, from 5 to 16 feet, **\$20.00 to \$40.00 per 100.**

Oaks. Pin, Red, Scarlet, English, Chestnut, Mossy Cnp, Turkey, White and Willow Leaved. Large stock. Lowest prices.

Oriental Plane, 6 to 12 feet, **\$16.00 to \$35.00 per 100.**

POPLARS—Carolina and Lombardy. **ASH, BEECH, ELMS, LINDENS.** Full assortment of deciduous and Weeping Trees. Descriptive catalogue and trade list on application. **THE W. M. H. MOON CO.,** Glenwood Nurseries, MORRISVILLE, P.A. 30 miles from Philadelphia, 60 miles from New York. Phila. Office, 702 Stephen Girard Bldg.

VEGETABLE PLANTS!

CABBAGE—Jersey and Chas. Wakefield. Succession, Flat Dutch, and other varieties, 15c per 100—\$1.00 per 1000; \$8.50 per 10,000.

LETTUCE—Grand Rapids, Big Boston, Boston Market and other varieties, 15c per 100—\$1.00 per 1000; \$8.50 per 10,000.

CELERY—Giant Pascal, Golden Heart and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000.

TOMATOES—Lorillard, Mayflower, Paragon and Dwarf Champion; from seed bed, 50c per 100. Lorillard and Mayflower from 2 1/2-inch pots, \$2.00 per 100.

LEGG PLANTS—N. Y. Improved, 50c per 100. **PEPPER**—Robby King, 50c per 100.

If wanted by mail add 10c per 100. Cash with order.

R. Vincent, Jr. & Son, White Marsh, Md. Mention The Review when you write.

GLADIOLUS.

BETSCHER'S, CHILDSI, GROFF'S, LEMOINE'S, VAN FLEET'S and other choice hybrids.

ADLAMI, CRUENTUS, DRACO, DURBAN and other rare species.

Extra White and Light Pinks and other choice mixtures to color. Augusta, Ben Hur, E. Scribe, May, White Lady, etc. Peerless Strain—a high class mixture. Premier Strain—an excellent commercial mixture, fully 60 per cent. light shades, no cheap or questionable stock in it. Crawford's "Standard" Mixture—another excellent commercial mixture, containing some of the finest possible to buy. A large stock of **Bulbets and small planting stock.**

CAENAS All-mamma, Black Beauty, Black Prince, F. Vaughan, Inglewood, Trianaria, Pandora, Fatenope and many other best sorts.

CALLAS Fragrance, Godfrey, Lemon Giant, Yellow and Spotted, Crinums, Childanths, etc.

DAHLIAS Agnew, Bruton, Livonia, Storm King, Purity and many other select sorts.

GERANIUMS. 25 excellent sorts **BEGONIAS**, etc., etc., R. C. 2-in. and 3 1/2-in. plants.

OXALIS. Deppel, Alba and Rosea, Lasiandra, Purpleura and Shamrock.

Quality is our every consideration. Please send us a list of your needs for prices. Special rates on lots of 100 to 500,000.

C. BETSCHER,

SUCCESSOR TO

BETSCHER BROS., Canal Dover, Ohio. THE M. CRAWFORD CO. (Gladiolus), Cuyahoga Falls, Ohio. CANAL DOVER, OHIO.

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Now is the time to get your Mum Stock.

Strong Healthy Stock Plants.

Early—Polly Rose, Glory of the Pacific, Robinson, Midseason—White and Pink Ivory, Evangeline, Fitcher, Golden Wedding, Shrimpton, Wannamaker, Chadwick, Late—Bonnafont, Jerome Jones, Perrin, Maud Dean.

At **\$1.25 per dozen**; **\$8.00 per 100.** Florence Hayes, Frances Parks, H. J. Jones, Nemesis, Bonita, Merzal, Helen Bloodgood, R. H. Pearson, C. H. Payne, Beau Ideal, Mrs. Popham, White Bonnafont and the earliest Yellow Hobson.

At **25c per plant**. Cash with order.

HERMAN C. STEINHOFF, 578 Hudson Boulevard, near Ann Street, **WEST HOBOKEN, N. J.**

CINERARIAS.

Magnificent strain. Took First Prize at London Horticultural Show. Transplanted, large, ready for potting, \$1.50 per 100, 400 for \$5.00; 2 1/2-in., \$2.00 per 100, 500 for \$5.00; 3-in., \$3.00 per 100, 400 for \$10. **Cyclamen purpureum giganteum**, in bud and bloom: 3-in., \$5.00 per 100, \$10.00 per 1000; 4-in., \$8.00 per 100, \$7.00 per 1000. **Alsalia Indica** just arrived, leading sorts, \$3.00 per 100.

WHITTON & SONS, Wholesale Florists. City and Green Sts., **UTICA, N. Y.** Mention The Review when you write.

SEND copy quick for advs. in our Thanksgiving number, to be issued next week.

GEO. A. KUHLE, Pekin, Ill.

23 Greenhouses. 55,000 feet of Glass.

ROSES, CARNATIONS, etc.

FOR THANKSGIVING DECORATIONS we offer: **BOSTON FERNS,** **Asparagus Plumosus and Sprengerii.** Write us for sizes and prices.

VEGETABLE PLANTS.

CABBAGE and LETTUCE, all the leading varieties, cheap in large lots. Write for prices.

J. S. LINTHICUM, WOODWARDVILLE, A. A. Co., Md. Mention The Review when you write.

LAST CALL for advs. for our annual Thanksgiving number, to be issued next week.

\$1,600 in Specials...

The Kansas City Flower Show, to be held in Convention Hall, November 18 to 23, under the management of the Convention Hall Directors, will be the greatest in floral history. Thousands of dollars are being spent in decorations and lighting effects alone. All former premium lists will be outdone, and in addition to the regular premium list of \$2,500, the following **SPECIAL PREMIUMS** have been offered:

\$200 for an unnamed seedling chrysanthemum.
\$200 for an unnamed rose of unquestioned American origin.
\$200 for best display of roses, not less than three varieties, 100 in display.

\$325 in three prizes for American Beauties.
\$100 for best chrysanthemum in entire show.
\$100 for an unnamed seedling pink carnation.
\$100 for best vase of chrysanthemums.
\$100 for best vase of American Beauties.

\$400 for table decorations

And \$2,500 in Regular Premiums.

JOHN THORPE, Supt.

For particulars and premium list address

F. J. TAGGART, Director General Flower Show, Kansas City, Mo.

Mention The Review when you write.

RICHMOND, IND.

The Richmond Florists' Club was organized at a well-attended meeting November 1, with officers as follows: Fred Lemon, president; George Fulle, vice-president; H. C. Chessman, secretary; John A. Evans, treasurer. A committee consisting of G. R. Gause, J. M. Gift and Vernon Grave was appointed to draft a constitution and by-laws and to report same at the next meeting, to be held November 15.

The club starts under very favorable auspices and it is believed it will accomplish much good. E. G. Hill was present and made some good suggestions, but declined to accept any office. All eyes are upon our venerable treasurer, upon whom honors have been showered thick and fast recently.

H. C. C.

PROVIDENCE, R. I.

Peter Byrnes, who has for some years past been manager of the Hemogansett Greenhouses, has resigned his position and has started in business on his own account.

Walter A. Potter, formerly in the seed business here, died at Yonkers, N. Y., Oct. 24, aged 49 years. He was buried at Bristol, R. I., Oct. 28.

SOMERVILLE MASS.—In the Somerville Journal's special number of Oct. 25 appears a handsomely illustrated description of the store and greenhouses of Mr. J. W. Howard. In addition to the original range here he now has a plant of 20,000 square feet at Woburn, and last spring he leased the greenhouses formerly conducted by John Duran in West Medford. These, with a branch store in Charlestown, give him four establishments to look after. Last spring he filled an order for 50,000 bedding plants from the Boston & Maine Railway.

CROMWELL, CONN.—Mr. A. N. Pierson has not allowed any of his carnation plants to bloom yet this season. They have all been regularly disbudded with the idea of laying a strong foundation for winter work. Some selected buds are now being allowed to remain and he will begin cutting flowers in a few weeks.

AZALEAS...

14-in. crowns, 45 cents; 16-in. crowns, 55 cents.

BEST VARIETIES,
FINE STOCK,
IMMEDIATE DELIVERY.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

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New Sweet Pea California Blue Bells

It takes ahead of Blanche Ferry, but not so early by three days.
Per oz., 30¢; lb., \$4.00.

New Sweet Pea, California Red Eye, per oz., 30¢; per lb., \$4.00.

WE GUARANTEE
SAFE ARRIVAL OF
PLANTS AND CUTTINGS.

Asparagus Plumosus Nanus from flats..... per 100, \$2.00; per 1000, \$18.00
Giant of California, Fanny Plants..... 1.90; 1.00
from seed beds, transplanted plants, " 10.00

CARNATION Pips or Unrooted Cuttings.

Mermaid, shell pink.....	100	1000	100	1000
Queen Louise, white.....	\$2.00	\$18.00	\$1.00	\$ 9.00
Prosperity, maroon.....	2.50	20.00	.50	4.00
Morning Glory.....	1.75	12.50	.50	4.00
Egypt, maroon.....	2.00	18.00	.50	4.00
Ion Homme Richard, white.....	2.00	18.00	1.50	12.50
Ethel Crocker, pink.....				
Mrs. F. Joost, pink.....				
Triumph, pink.....				
Flora Hill, white.....				
The Marquis.....				

We prepay all charges to every part of the United States at above prices. If not satisfactory return at our expense at once and get your money back by return mail. 100,000 Rooted Cuttings of Carnations ready later. Let us estimate your wants. Also 100,000 Fanny Plants ready now. We can supply Fanny Plants all winter up to May 1, 1902.

MITTING FLORAL CO., LOOMIS, CAL. (Placer Co.)

Mention The Review when you write.

ROSE HELEN GOULD or BALDIUN.

While the identity of this Rose is in dispute we were so satisfied with it that we have planted it largely. Plants from 2½-inch pots for March and April delivery, for 12, \$3.00; 100 for \$30.00; 500 for \$90.00; 1000 for \$150.00.

Waban Rose Conservatories, Natick, Mass.

Mention The Review when you write.

...FRESH...

TOBACCO STEMS.

Bales of 300 lbs., \$1.50. Cash with order.

W. C. BECKERT, Allegheny, Pa.

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We are now ready to book orders for

CARNATIONS and CHRYSANTHEMUMS.

We have all the new varieties at reasonable prices. If you live west of the Mississippi give us a trial order.

Salt Lake Floral Co., Salt Lake City, Utah.

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Asparagus Plumosus

Nanus, 4-inch, \$8.00 per 100.

CINERARIAS, 2-inch, \$2.00 per 100.

3-inch, \$3.00 per 100.

Cash with order.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N. Y.

Mention The Review when you write.

LATANIAS

We have a big stock of Latania Borbonica, the best selling Palm. It is all good value at the price, the 5, 6 and 7-inch sizes particularly so. Let us have your order NOW.

WHOLESALE PRICE LIST.



Variety.	Size 3 in pot.	Height Pot.	No. Leaves.	Each.	Doz.	100
Areca Lutescens	2 1/2	5 to 6			\$ 0.75	\$ 5.00
"	"	8 to 10			1.00	8.00
"	"	12 to 15			2.00	15.00
"	"	18 to 20			\$0.25	3.00 25.00
Kentia Belmoreana	2 1/2	8 to 9	3 to 4		1.50	12.00
"	"	10 to 12	4 to 5		2.00	15.00
"	"	12 to 14	5 to 6	.25	3.00	20.00
"	"	14 to 16	5 to 7	.30	3.00	
"	"	8 to 9	3 to 4		1.50	12.00
Forsteriana	3	10 to 12	4 to 5		2.00	15.00
"	"	12 to 14	5 to 6	.25	3.00	20.00
"	"	14 to 16	4 to 5	.50	4.50	30.00
Latania Borbonica	2 1/2	3			.60	4.00
"	"	3	12	5 to 6	1.00	8.00
"	"	3 1/2	12 to 15	5 to 6	1.50	18.00
"	"	4	15 to 18	5 to 7	.25	3.00 20.00
"	"	5	18 to 22	6 to 7	.50	5.00 35.00
"	"	6	18 to 24	6 to 8	.75	7.20
"	"	7	22 to 26	7 to 9	1.00	10.00
"	"	8	24 to 26	7 to 10	1.25	12.00
Asparagus Sprengeri	2				.50	3.00
"	3				1.00	8.00
"	4				1.50	12.00
"	5				2.00	15.00
"	6				3.00	20.00
"	7				4.00	
"	8				6.00	
"	8				9.00	
Plumosus Nainus	2				.50	4.00
"	3				1.00	8.00
"	4				2.00	15.00
					from seed boxes, \$25.00 per 1000.	
Nephrolepis Wittboldii	2				3.00	
Phoenix Canariensis	3				5.00	

LATANIA BORBONICA.

Sansevieria Jav. Var.	2 1/2-inch pots	per doz.	\$ 9.50
"	"	"	1.00
"	"	"	2.00
"	"	"	3.00
"	"	"	4.00
"	"	"	5.00
"	"	"	6.00
"	"	"	7.00
"	"	"	8.00
"	"	"	9.00
"	"	"	10.00
"	"	"	11.00
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"	"	"	37.00
"	"	"	38.00
"	"	"	39.00
"	"	"	40.00
"	"	"	41.00
"	"	"	42.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write

Araucaria Excelsa

Fine Plants, 6-in. pots, 12 to 14 inches high, 3 to 4 tiers, \$1.00 each, \$12.00 per doz.

Araucaria Excelsa,

6-inch pots, 24 inches high, 4 to 5 tiers, \$1.50 each, \$18.00 per doz.

2,000 Asparagus Plumosus,

Fine, Strong Plants, 3-inch pots, \$6.00 per 100.

Dracaena Indivisa,

5-inch pots.....\$25.00 per 100.

ROSES.

Fine, strong 3-year-old field-grown White Maman Cochet, \$10.00 per 100.

ISAAC H. MOSS,
Govanstown, BALTIMORE, MD.

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PRINCESS OF WALES VIOLETS

2 1/2-in., strong, \$3.00 per 100, \$25.00 per 1000.

CARNATIONS { Marquis \$6.00 per 100
E. Crocker 6.00
Alma, new rose pink 6.00
Genevieve Lord 6.00
Armadilly 5.00

DRAECAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIATED VINCA, field, \$1.00 per 100.

C. Merkel & Son, Mentor, Ohio.

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Burpee's Seeds Grow

SPECIAL

Clearing Sale

The following stock is offering two of our propagating benches which we need at once, and to move quick we will offer the following stock guaranteed in **FIRST CLASS** condition and worth twice the money: **15,000 GERANIUMS**, from 2 1/2-inch pots, S. A. Nutt, Alp. Ricard, Frances Perkins, E. G. Hill, Beate Poitevine, La Favorite, La France, Mme. Jaulin, \$1.50 per 100; \$15.00 per 1000.

5,000 Aep. Sprengeri, strong plants, from 2 1/2-inch pots, \$1.25 per 100; \$12.50 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

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PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST

HAIL

For Particulars Address JOHN B. ESLEN, Secretary, SADDLE RIVER, N. J. Mention The Review when you write.

BOSTON FERNS.

6-inch pots, 20 to 25 fronds, \$1.50 per doz.; \$10.00 per 100.

4-inch pots, 10 to 12 fronds, 75c per doz.; \$6.00 per 100.

2 1/2-inch pots, strong, well established, \$3.00 per 100; \$25.00 per 1000.

ASPARAGUS PLUMOSUS, 4-inch pots, nice sharply plants, \$1.00 per doz.; \$8.00 per 100.

2 1/2-inch pots, \$1.00 per doz.; \$5.00 per 1000.

ASPARAGUS SPRENGERI, 2 1/2-inch pots, \$2.50 per 100; \$20.00 per 1000.

UMBRELLA PLANT, 2 1/2-inch pots, \$2.50 per 100; \$20.00 per 1000.

GERANIUMS, Best double varieties, 2 1/2-inch pots, \$2.50 per 100; \$20.00 per 1000.

CASH WITH ORDER PLEASE.

JOHN A. DOYLE CO., - Springfield, Ohio.

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THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Maids & Brides Large bushy plants, 3 1/2-in., \$1. 3-in., \$2.50, 2 1/2-in., \$1.20 per 100. Big bargain, worth double the money. The 3 and 3 1/2-in. are very choice, and will be picked light Jubilee and McGowan, \$1 a 100; field-grown, W. H. GULLET & SONS, Lincoln, Ill.

Mention The Review when you write.

KANSAS CITY, MO.

Various Items.

At this writing the question is asked, "Can we hold back the chrysanthemum for the great exhibition?" The lingering summer weather which prevailed here all through October caused a little uneasiness among the growers, inasmuch as it brought everything on in full crop, and roses were sold in large quantities at very low prices. The sudden drop in the temperature last Saturday night has soothed the troubled mind, stock has improved, prices advanced and overcasts can now be worn with comfort.

The writer was granted two hours' leave from duty last week and he went on a tour of inspection among the growers.

The Humfeld Floral Co. are having their usual good success with their carnations, but roses are a part failure same as last year. Too much smoke and gas have proved to them an expensive nuisance. This firm will dissolve partnership shortly. W. H. Humfeld has purchased a lot at 10th street and Hyland avenue and is building a \$4,000 residence. On the same property he will build greenhouses and a flower store. The location is a good one and only two blocks from his present place of business.

R. S. Brown & Son speak with great satisfaction of their fall trade. Their stock is looking well, especially the houses of mums. Mr. Brown, Sr., says mums are selling better this year than any year since he has been in business.

Situated near our beautiful Elmwood cemetery is the model establishment owned by Albert Barbe. We never saw his place looking as fine as it does now. Mr. Barbe went to a big expense last summer in enlarging his plant, giving him twice the capacity of a year ago. Mums, roses, carnations and violets are doing well, and the indications are that Mr. Barbe will get big revenue from his stock this season.

Interest in the coming flower show is looking upward, and the premium list has reached the sum of \$3,500. Paul Ducret gave \$25 and W. J. Barnes \$15 for window decorating prizes.

Trade is excellent, with stock good and plentiful. The decorations for the October ball given at the Midland hotel and the decorations for the Commercial Club's banquet were arranged by W. L. Rock. H. J. M.

THE NEW YORK EXHIBITION.

The Exhibition Committee and Committee of Ways and Means of the New York Florists' Club, met Nov. 4, and received the results of the recent exhibition at Madison Square Garden which were found to be very encouraging and satisfactory, everything considered.

Medals, certificates and cash prizes as awarded by the judges were duly approved and the treasurer was instructed to issue warrants for all awards as recorded.

The final premium list for the eleventh annual chrysanthemum show and floral exhibition of the St. Louis Florists' Club, to be held in Grand Ave. Masonic Temple, St. Louis, Nov. 13 to 15, has been issued. Copies may be had by addressing the secretary, Emil Schray, 4101 Pennsylvania avenue, St. Louis, Mo.

ORANGES.

Best named sorts, beautiful bushy plants, blooming size, grafted two years, 12-inch, \$30.00 per 100.

CALADIUMS.

40 best named sorts, dry bulbs, 1½ to 2½ inch in diameter, \$10.00 per 100, \$90.00 per 1000; 1 to 1½-inch diameter, \$8.00 per 100, \$70.00 per 1000.

FICUS ELASTICA.

Top cuttings, 12-inch.....\$20.00 per 100.

PHOENIX--Farinifera,
Pumila and Reclinata.

4-inch pots, 12-inch, 5 to 6 leaves, 1 to 2 leaves showing character, \$15.00 per 100.

6-inch pots, 24 to 30-inch, 6 to 8 characterized leaves: **VERY FINE**, \$75.00 per 100.

PHOENIX--Sylvestris
and Tenuis.

5-inch pots, 30 to 24-inch, 5 to 6 characterized leaves: **FINE**, \$25.00 per 100.

6-inch pots, 30-inch, 6 to 7 characterized leaves: **FINE**, \$60.00 per 100.

6 to 7-inch pots, 24 to 26-inch, 9 to 11 characterized leaves, **VERY STOCKY**, \$90.00 per 100.

Not less than 50 of a class at above rates.

P. J. Berckmans Co.,

INCORPORATED.

Fruitland Nurseries, AUGUSTA, GA.

Mention The Review when you write.

FINE PANSY
PLANTS

\$4.00 per 1000, 50c per 100.

Chinese Primulas, white only, 2½-in.....	Per 100	\$ 1.25
Asparagus Plumosus Nanus, 3-in.....	5.00	
Asparagus Sprengeri, 3-in.....	4.50	
Saxifax, 2½-in.....	1.00	
Latania Borbonica, 2½-in.....	3.50	
Centia Belmoreana, 3-in.....	12.50	
Kentia Forsteriana, 3-in.....	12.50	
Pansy Seed, choice mixed, \$3.00 per oz.		
Pansy Plants, 50c per 100 by mail, \$4.00 per 1000		

by express. —CASH—

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

THRIFTY
FIELD.....CARNATIONS

WITH PLENTY OF ROOTS
READY NOW All the best varieties.
Write for prices.

GEO. HANCOCK & SON,
Grand Haven, Mich.

Mention The Review when you write.

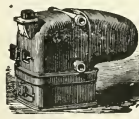
20,000
Field-Grown..Carnations

We escaped the drought, consequently our stock is in No. 1 shape for henching.

Flora Hill, Melba, Crocker, G. Lord, R. Lippincott, America, Crane, Maeco, Bradt and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.

Mention The Review when you write.



HITCHINGS & GO.
233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING,
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

Mention The Review when you write.

CRESSBROOK

The Coming

PINK CARNATION

For Everybody to Grow.

Baltimore, Feb. 21, 1901, it scored 94 points, the highest of any seedling.

Cressbrook has never shown disease of any kind, and is an extra free bloomer. Size of flower under ordinary culture, 3 to 3½ inches.

Orders will be delivered in rotation on and after Jan. 1, 1902, at the following prices:

12 plants, \$ 1.50	100 plants, \$10.00
25 " 3.00	250 " 25.00
50 " 5.00	500 " 37.50
	1000 plants, \$75.00

C. WARBURTON,
FALL RIVER, MASS.

Mention The Review when you write.

STRONG, HEALTHY, FIELD-GROWN

Carnation Plants!

Flora Hill, Crane and Marquis,
\$4.00 per 100, \$35.00 per 1000.

Mrs. A. M. SCHAFER, 277 Balmoral Av., Chicago

Mention The Review when you write.

CARNATIONS....

FIELD PLANTS. Speak Quick if you want them.
Genevieve Lord, the best pink, strong.
1st size, \$5.00 per 100, \$50.00 per 1000; 2d size, \$5.00 per 100, \$45.00 per 1000.

Chrysanthemum Stock Plants, write for varieties and prices.

H. WEBER & SONS, Oakland, Md.
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Carnations..

We have left 200 Jubilee, 1000 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100, 1000 New York and 200 Scott at \$5.00 per 100.

VIOLETS—500 Swanley White and Lady Campbell, from 2½-inch pots, at \$2.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.

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...ONLY THE...

BEST PALMS!

Grown in the **Best** manner, free from
Insects and Disease, by

JOSEPH HEACOCK,

WYNCOTE, Near Philadelphia, PA.

The Best are the Cheapest.

See Price List, Page 637, Oct. 17.

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Queen Louise Carnation.

Being sold out of field-grown plants of this grand variety we are now booking orders for rooted cuttings for early delivery.

Price \$5.00 per 100; \$45.00 per 1000

VERBENAS

We have increased our facilities and hope to fill all orders promptly this season.

20,000 rooted cuttings now ready of our sixty finest varieties.

Price \$2.50 per 100; \$20.00 per 1000

J. L. DILLON,
BLOOMSBURG, PA.

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Chicago Carnation Co.'s

Two Finest Carnations,

MRS. POTTER PALMER (scarlet),
MRS. H. N. HIGINBOTHAM (light pink),
will be introduced the coming season.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADS.

AMERICAN BULB CO., WHOLESALE BULB GROWERS, PETERSBURG, VA.

SPECIAL OFFER OF Narcissus and Daffodil Bulbs

Before Replanting.

All best forcing stuff. Paper White (Totus Albus Grandiflorus), Emperor, Sir Watkin, Golden Spur, Barri Conspicuous, Empress, Double Von Sion.

Lowest Prices quoted on application.

Mention The Review when you write.

500 Anemone japonica "WHIRLWIND."

Large Field-Grown Clumps.

One of the loveliest of fall flowers, with a quality of distinction all its own.

Fine for herbaceous borders.

Long stems for cutting,

\$2.50 per doz., \$18.00 per 100.

WM. B. SANDS,
Lake Roland, BALTIMORE, MD.

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Strong Field-Grown CARNATION PLANTS, Armazindy, Bract, White Cloud and Evanston, \$4 per 100; \$35 per 1000. Stock in extra fine shape.

POEHLMANN BROS. COMPANY, Marlon Grove, Cook Co., Ill.

Mention The Review when you write.

Have a Look.

GERANIUMS:	Per 100
Silver Leaf, 2 1/2-inch.....	\$4.00
Mrs. Pollock, 2 1/2-inch.....	4.00
Happy Thought, 2 1/2-inch.....	4.00
Mars, 3 1/2-inch, bloom.....	6.00
Mars, 2 1/2-inch, bloom.....	4.00
Mrs. Parker, 2 1/2-inch.....	6.00
Rooted Cuttings, standard varieties.....	1.75
per 1000, \$15.00.	
Violets, 3-inch.....	4.00
Forget-Me-Not, "Winter," 2 1/2-inch.....	3.00
Cinerarias, fine plants.....	\$4.00 and 5.00
Dracaena, 2 1/2-inch.....	5.00
Alyssum Double Giant, 2-inch.....	3.00
Var. Stevia, 2-inch.....	2.00
Coleus Verschaffeltii, 2-inch.....	2.00
Vinca Var.-R. Cuttings, per 1000, \$10.00.....	1.25
Fuchsia, named, R. Cuttings.....	1.50
Lemon Verbena, ".....	1.50
Begonia Rex,.....	2.00
Vinca, 2 1/2-inch.....	\$2.00 and 2.50
Jerusalem Cherry, 4, 5 and 6-inch.....	\$10.00 to \$5.00
Abutilon Savitai, R. Cuttings.....	2.00
Fuchsias, 2 1/2-inch, named.....	4.00
La France Violets, 4-inch.....	6.00
Heliotrope, 3-inch.....	6.00
Aspidistra, variegated and green.	
Terms Cash or C. O. D.	

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free. }

DAN'L B. LONG,
Publisher, Buffalo.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO. 530-535 Caxton Building, 334 Dearborn Street, Chicago.

Subscription, \$1.00 a year. To Europe, \$2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, \$1.00; 1/2 page, \$15; full page, \$30. Discounts: 5 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of others making offers in our classified ads, and they will be found there under their proper headings.

Table listing advertisers and their page numbers, including American Bulb Co., American Rose Co., and others.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

WHILLDIN POTTERY CO. FLOWER POTS. PHILADELPHIA. LONG ISLAND CITY. Includes an image of a flower pot.

Mention The Review when you write.

Traveling Representative: F. CUTLER HYERSON, 108 Third Ave., Newark, N. J.

Florists! INSURE YOUR PLANTS IN WINTER. At but a trifling cost. GET A LEHMAN WAGON HEATER. Includes an image of a heater.

Mention The Review when you write.

See That Ledger. THE JENNINGS IMPROVED IRON GUTTER.USE OUR.... Patent Iron Bench Fittings and Roof Supports, Ventilating Apparatus, Improved Vaporizing Pans for Tobacco Extracts, Etc. Includes an image of a gutter.

WHEN YOU WANT Engravings made send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists Review. Brinkerhoff & Barnett Engraving Co. 300-306 Dearborn St., CHICAGO.

Red Standard Pots. Smoothest on the market. Strength and Porosity unexcelled. Write for prices, we will surprise you. The Pottery Filter and Ziegler Co., Toledo, O. Includes an image of a pot.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

RED POTS. SAMPLE POT and PRICE LIST ON APPLICATION. C. G. POLLWORTH CO., Milwaukee, Wis. Includes an image of a pot.

HITCHINGS & CO. 233 MERCER ST., NEW YORK. Hot Water Boilers, Pipes, Fittings, And Ventilating Apparatus. Includes an image of a boiler.

Always mention the Florists' Review when writing advertisers.

Mention The Review when you write.

MILWAUKEE.

The advent of chrysanthemums has lived up trade and demand has been brisk the past week. Roses and carnations consequently suffered with exception of good shipping stock. Bonnions predominate in mums and seem to be the favorite, especially as a shipper. Carnations are coming in quite freely and of good quality. Violets are also more plentiful, but good quality find a ready sale.

W. G. Schucht, representing the C. C. Pollworth Co., has returned from an extended western trip and has left for the east to look over the holly fields to procure a fine grade of holly.

Nic Zweifel, one of our crack carnation growers, was married last Monday at the residence of the bride, and his honeymoon will include a visit to the Chicago mum show. A party of about fifteen will visit the mum show from here.

Bouquet green is being offered more freely from the north and with continued open weather indications are there will be enough to go around.

Jas. Chacona kept an elaborate display of mums throughout the week, making a special sale of this flower.

C. C. Pollworth is packing up his traps and will be on the ground at the opening of the deer season, Nov. 10, in the northern woods.

Arnold Ringier was in town looking orders for Komans for next season.
Geo. W.

WASHINGTON.

The American Rose Company, which is putting White Golden Gate on the market, has tendered premiums for the now popular pink Golden Gate, for the November exhibitions as follows:

Chicago Horticultural Society, Nov. 5-9, \$25.00.

Indiana Floral Festival, Nov. 5-9, \$10.00.

Pennsylvania Horticultural Society, Nov. 12-16, \$25.00.

St. Louis Florists' Club, Nov. 13-15, \$10.00.

Toronto Gardeners' and Florists' Club, Nov. 13-16, \$10.00.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

C. W. Ward, Queens, N. Y., registers canna President Roosevelt (McKinley x Chas. Henderson). Color crimson scarlet, more brilliant than McKinley; trusses and individual flowers larger than that variety. Flowers at times semi-double; height 2½ to 3 feet; foliage bright green.

Wm. J. Stewart, Secretary.

HAMILTON, ONT.

The Hamilton Gardeners' and Florists' Club has been organized with officers as follows: Wm. Hunt, president; F. Turan, vice president; T. Lawson, secretary; J. Connon, treasurer; J. C. Jencke and J. A. Price, auditors. Twenty-six charter members were enrolled at the meeting for organization and there are many others to hear from.

AKRON, O.—Henry Heepe's Sons have succeeded to the business of Henry Heepe & Son, at 546 and 548 West Market street. It is merely a change in name.

The
FLORISTS' MANUAL
by
WILLIAM SCOTT

Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others what they want to know. The articles are arranged alphabetically, like those in an encyclopedia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A Complete Reference Book for Commercial Florists

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, \$5.00 Carriage Prepaid.

Florists' Publishing Co., CAXTON BUILDING, Chicago.



STANDARD.

Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use. Send for Catalogue of Specialties.

E. HIPPARD, - - Youngstown, Ohio.

Mention The Review when you write.



Duplex Iron Gutters.

Never break in sagging. Firm and strong. Lasting qualities a lifetime. No snow or ice. Only 8 inches of shade. No drip whatever from glass or gutter.

Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

A. DIETSCH & CO.,

615 to 621 Sheffield Ave., CHICAGO, ILL.

Mention The Review when you write.

The Model Extension Carnation Support.

Also Galvanized Steel Rose Stakes.

Endorsed by all the leading carnation growers as the best support on the market. Made with 2 or 3 circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circular.

IGOE BROS.,

226 N. 9th Street, BROOKLYN, N. Y.

Mention The Review when you write.

BEST AND CHEAPEST



ALL-ROUND INSECTICIDE on the Market.

For Sale by Seedsmen. For Free Pamphlet write to

The Kentucky Tobacco Product Co., Louisville, Ky.

Mention The Review when you write.

THE REGAN ...PRINTING HOUSE...

Nursery.....
Florists'... **Catalogues**

87-91 Plymouth Place, Chicago.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Sikoteen Aphis Punk It Burns

The most convenient way of applying an insecticide ever yet devised. No pans required - No heating of irons - No trouble - Cannot injure the most sensitive blooms - Very effective. Price 60¢ per box of 12 rolls. All dealers sell!

Skabcura Dip Co. St. Louis - Chicago.

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Tin Foil for Florists

Special Shades. Special Designs. Plain or Colored.

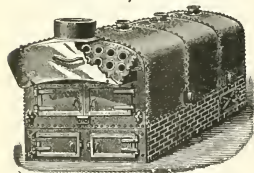
Write today for samples and prices.

THE PALEN COMPANY, Inc. KINGSTON, N. Y.

Western Representatives: J. HOWARD JONES & SONS, 34 Wabash Ave., Chicago, Ill.

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KROESCHELL BROS. CO.
IMPROVED
Greenhouse Boiler,
51 Erie St., CHICAGO.



Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around, front, sides and back. Write for information.

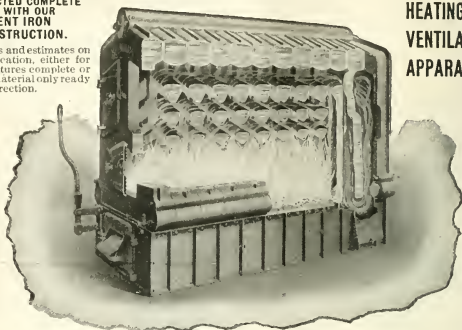
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Horticultural Architects and Builders AND MANUFACTURERS OF

GREENHOUSES and CONSERVATORIES ERECTED COMPLETE WITH OUR PATENT IRON CONSTRUCTION.

Plans and estimates on application, either for structures complete or for material only ready for erection.

HEATING and VENTILATING APPARATUS.

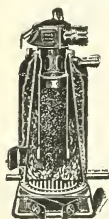


New "Burnham" Sectional Hot Water Boiler. HIGHEST AWARD at Buffalo Convention of S. A. F. O. H., 1901.

For Large and Small Ranges. Highest Economy. Moderate Cost.

Greenhouse Construction Catalogue: also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

LORD & BURNHAM CO. NEW YORK OFFICE, St. James Bldg., Broadway and 26th Street. GENERAL OFFICE and WORKS, Irvington-on-the-Hudson, N. Y.



WILKS HOT WATER HEATERS.

Best made for GREENHOUSES. SELF-FEEDING MAGAZINE.

All Steel. Simple, Strong, Durable. Send for Catalog, etc.

S. WILKS MANFG. CO.
63, 65 S. Clinton St. CHICAGO.

Mention The Review when you write.

Are you nearly run crazy BY **GREEN FLY, MEALY BUG, RED SPIDER, OR THRIPS?**

If so, end your troubles WITH **"NICOTICIDE"**

Fumigating Compound.

Circulars on application. Will not damage flowers or foliage.

The Tobacco Warehousing & Trading Co.
1002 Magnolia Ave., LOUISVILLE, KY.

Mention The Review when you write.

Holds Glass Firmly

See the Point of The Van Ryeper Perfect Glazing Putlets are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.

HENRY A. DEER,
314 Chestnut St., Phila., Pa.



Mention The Review when you write.

WRITE FOR CATALOGUE

GREENHOUSE MATERIAL OF EVERY DESCRIPTION

JOHN & MONINGER CO. 111 to 125 BLACKHAWK ST. CHICAGO.
COR. HAWTHORNE AVE.

High Grade BOILERS
Get our Catalogue. For GREENHOUSES. STEAM AND HOT WATER.
GIBLIN & CO., Utica, N. Y.



Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue. **Quaker City Machine Works,** RICHMOND, IND.

GARLAND'S IRON GUTTER

is giving satisfaction.



Write for Catalogue containing testimonials of the leading growers.

GEO. M. GARLAND,
DES PLAINES, ILL.



HITCHINGS & CO.
233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . GREENHOUSE BUILDING

Always Mention the... **Florists' Review** When Writing Advertisers

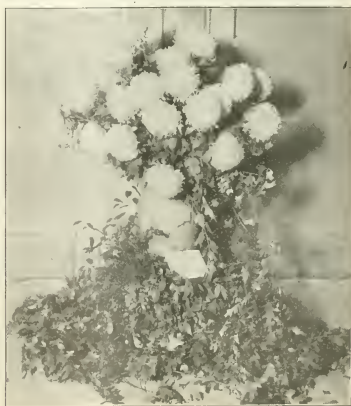


THE WEEKLY
FLORISTS'
REVIEW



**ANNUAL
THANKSGIVING
NUMBER**

**CHICAGO,
November 14, 1901.**



HITCHINGS & CO.

ESTABLISHED 1844.

Horticultural Architects and Builders

AND MANUFACTURERS OF

Greenhouse Heating and Ventilating Apparatus



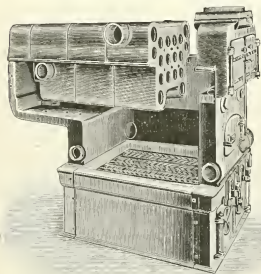
Designed and Erected by Hitchings & Co., for E. J. Berwind, at Newport, R. I.

BUILDERS OF IRON FRAME GREENHOUSES.

Rose Houses, Palm Houses and Conservatories erected complete with our Patent Iron Frame Construction.

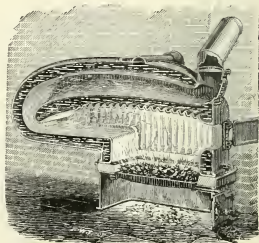
Structural Material Furnished Ready for Erection.

**Hot Water Boilers
For Greenhouse Heating.**



Our New Sectional Tubular Boiler.

**PERFECT
SASH RAISING
APPARATUS.**



Our Well-known Corrugated Fire Box Boiler.

Hitchings & Co.

233 Mercer Street,

NEW YORK CITY.

Send 4c for
Illustrated Catalogue.

THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 530-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, NOVEMBER 14, 1901.

No. 207.

\$ ASPIDISTRA! \$

Pot-grown plants, the green and variegated leaves. Have bought a large stock of both. Leaves measuring from 20 to 30 inches, **in perfect condition.**

Write for prices on the above, as well as all other bulbs, roots and plants.

\$ F. W. O. SCHMITZ, \$
PRINCEBAY, N. Y.

VERBENA SEED

SOWN NOW produces strong plants that do not get rusty.

Price-- Quarter ounce, 50 cents. One ounce, \$1.50.

Selected Hyacinths,

16 to 18 Centimeters, in Separate Colors.
Price -- \$3.25 per 100; \$30.00 per 1000.

Send for complete Wholesale Bulb List.

HENRY F. MICHELL, ¹⁰¹²Market St. PHILADELPHIA, PA.

KENNICOTT BROS. COMPANY, Wholesale Commission Florists
AND DEALERS IN All Kinds of Florists' Supplies,
42 and 44 E. Randolph St., CHICAGO.

SPECIALTY:
WHITE VIOLETS
WHITE VIOLETS
WHITE VIOLETS

WM. F. KASTING
WHOLESALE
COMMISSION
FLORIST....

ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
ALSO DEALER IN FLORISTS' SUPPLIES AND WIRE DESIGNS.

481 Washington St. **BUFFALO, N. Y.**

Open from 7:30 a. m. to 6:30 p. m.



Give Us a Trial. We Can Please You.

20,000 **X**mas **T**rees.

Well shaped, all sizes from 4 up to 20 feet, selected by our own men. Send us a list of your wants to figure on. Shipment can be made ANY TIME AFTER DEC. 1st.

Evergreen Wreathing, Christmas Decorations, Green and Holly.
Will be pleased to name prices.

Spiræa and Valley ready soon.

BONE MEAL, CANE STAKES, SPHAGNUM, TOBACCO STEMS and full line of Supplies.

W. W. BARNARD & CO. 161-163 EAST KINZIE ST., CHICAGO.

White Golden Gate

Will growers of **PINK GOLDEN GATE** please correspond

AMERICAN ROSE COMPANY, - WASHINGTON, D. C.

Helen Gould

Largest stock in the world of this grand rose. Orders filled for ONE HUNDRED or ONE HUNDRED THOUSAND, Quality guaranteed.

Immortelles,
500 Cases

Moss Wreaths,
50,000

Birch Bark Crosses,
5,000

...JUST ARRIVED...

First-Class Stock, no old or inferior goods to offer. Only the best goods at the lowest prices. Send us a list of your wants and we will quote prices that will interest you.

M. RICE & CO.

Importers and Manufacturers,

Leading Florists'
Supply House.

CATALOGUE
FOR THE
ASKING.

918 Filbert Street,
PHILADELPHIA, PA.

Mention The Review when you write.

Thorburn's
BULBS

Our Wholesale Price List of High Class Bulbs and Flower Seeds for Florists has been mailed to the trade. Anyone who has not received a copy is invited to send for it now. We are the oldest bulb importing firm in America.

J. M. THORBURN & CO.
36 CORTLANDT STREET, NEW YORK.

**BOSTON
FERNS.**

A Fine Lot of Good
Bushy Plants in All Sizes.

We are crowded for room and must sell some. Write us for prices and samples. Both will please you.

J. F. WILCOX,
521 Broadway, COUNCIL BLUFFS, IOWA.
Mention The Review when you write.

ORCHIDS..

Our stock of Orchids this fall is unsurpassed in quality and price. A number of varieties are now in sheath or spike.

WRITE FOR PRICES.

Lager & Hurrell, Growers and Importers... Summit, N. J.



A. HERRMANN,
Manufacturer of Floral Metal Designs.
Importer and Dealer in Florists' Supplies,
FACTORY, 709 First Ave., bet. 40th and 41st Sts.
OFFICE and WAREHOUSES,
404, 406, 408, 410, 412 E. 34th Street, NEW YORK.
WRITE FOR NEW CATALOGUE.

SIGMUND GELLER,
Importers and Manufacturers of
FLORISTS' SUPPLIES
Complete Stock, New Goods. New Illustrated Catalogue now ready. Send for it.
108 W. 28th St., near 6th Av., NEW YORK.

REED & KELLER,
119 & 122 West 25th St., NEW YORK, N. Y.
Manufacturers of.....Florists' Wire Designs,
Importers and Dealers in Florists' Supplies.
Galax Leaves and all Decorative Greens.
Mention The Review when you write.

**ROSE HELEN GOULD
or BALDUIN.**

While the identity of this Rose is in dispute we were so satisfied with it that we have planted it largely. Plants from 2½-inch pots for March and April delivery, for 12, \$3.00; 100 for \$30.00; 500 for \$80.00; 1000 for \$150.00.

Waban Rose Conservatories, Natlick, Mass.
Mention The Review when you write.

Florists' Calendar -- NOVEMBER.

One this Month:	100	1000
Valley—Our well known Empress	1.00	\$12.00
XXX brand, nothing better	1.00	5.00
XX, very fine forcier	1.00	12.00
Spiraea Japonica, extra strong clumps	.50	3.00
Spiraea Compacta Mull.	.50	3.00
Spiraea Aspidoides Floribunda (True)	.60	4.50
Dicentra Spectabilis (Bleeding Heart)	.75	5.00
Gladioli Colvillei Alba, The Bride	.50	3.50
Gladioli Colvillei Rubra, Rose	.50	3.50
Spotted Calla, ext. a strong bulbs	.50	3.00
Spotted Calla, very fine bulbs	.40	2.00
Lil. Auratum, 8x5 doz., 60c; 100 \$4.00; 9x11, doz.,		
Sc: 100, \$6.00.		
Lil. Rubrum, 8x9 doz., 60c; 100 \$4.50; 9x11, doz.,		
Sc: 100 \$4.00; 11x13, doz. \$1.25; 100 \$8.00.		
Lil. Album, 8x9 doz. 75c; 100, \$3.00; 9x11, doz.,		
Sc: 100, \$4.00.		
Album Moustier, doz. \$1.25; 10, \$8.00.		

SURPLUS STOCK AT BARGAIN.

We must close out to make room.
Dutch Hyacinths—1st Size, 18 cm. Single
White—Alba Sup., Blanchard, Grande V.
Verte, La Grandesse, Mme. V. der Hoop.
Rose and Red—Chas. Dickens, Gertrude,
Gugantea, Norma, Roi des Belges, Gen. Pelissier
etc. Bine—Chas. Dickens, Clear Peter,
La Peyronne, Leonardus. Any of these 6c per
doz., \$5.00 per 100.
Dutch Miniature—mixed, extra, doz. 40c;
8x10 a 100, French Roman—single, blue,
doz. 25c; \$12.5 a 100.

NARCISSUS—	100	1000
Giant Princeps	\$.60	\$5.00
Incomparable	.60	5.00
Mixed Trumpets, extra large	.75	7.00
Mixed Single Narcissus	.60	5.00
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THE EXHIBITIONS.

CHICAGO.

Roses.

As was noted last week and as will be seen by the engraving in this week's issue, there was a fine display of roses, and the contest was very interesting. Following are the awards:

- Twenty-five Golden Gate (special prize of \$25.00 offered by the American Rose Co., Washington, D. C.), Bassett & Washburn.
- Twenty-five American Beauties—1st, Peter Reinberg; 2nd, Reinberg & Weiland.
- Forty Kaiserin—1st Bassett & Washburn; 2nd, Peter Reinberg.
- Forty Bride—1st, South Park Floral Co.; 2nd, Bassett & Washburn.
- Forty Bridesmaid—1st, Peter Reinberg; 2nd, South Park Floral Co.
- Forty Meters—1st, South Park Floral Co.; 2nd, Pöhlmann Bros. Co.
- Forty Perles—1st, Bassett & Washburn; 2nd, Peter Reinberg.
- Twenty-five Golden Gate—1st, Pöhlmann Bros. Co.; 2nd, South Park Floral Co.
- Twenty-five Liberty—1st, Bassett & Washburn; 2nd, Peter Reinberg.
- Twenty-five Marquise Litta—1st, Bassett & Washburn.

whites. It was decidedly the best white on exhibition and it will evidently be an important factor in the cut flower market. Judging by these flowers, which left practically nothing to be desired in form, color and stem, no one will make a mistake in planting this white.

In the pinks Mrs. Lawson held her own well and seems to have a strong hold on first position in this class.

In scarlets America seemed to have gained a few points on G. H. Crane, especially in stem, as shown here.

A large vase of Mrs. H. N. Higginbotham, a light pink not yet introduced (shown by the Chicago Carnation Co.), was very beautiful, and this variety will undoubtedly take the place of all of the Daybreak type. The flowers are large, of fine form, borne on strong stems, and the blooms are delightfully fragrant. It easily discounts Daybreak at its very best and the niche left vacant by the former favorite will be more than filled.

- Fifty Marquis—1st Bassett & Washburn; 2nd, Chicago Carnation Co.
- Fifty Lawson—1st, Bassett & Washburn; 2nd, Chicago Carnation Co.
- Fifty Lora—1st, Peter Reinberg; 2nd, Harms Park Floral Co.
- Fifty Crocker—1st, Harms Park Floral Co.; 2nd, H. W. Buckbee.
- Fifty Joost—1st, Anton Then; 2nd, Peter Reinberg.
- Fifty Mrs. Jas. Dean—2nd, Bassett & Washburn.
- Fifty Morning Glory—1st, Bassett & Washburn; 2nd, Harms Park Floral Co.
- Fifty Triumph—1st, Anton Then; 2nd, Sinner Bros.
- Fifty any other pink not lighter than Scott—1st, Guardian Angel Orphan Asylum.
- Fifty Irene—1st, Crabb & Hunter.
- Twenty-five Irene—1st, Crabb & Hunter.
- Fifty Armazindy—1st, Guardian Angel Orphan Asylum; 2nd, Burlington Route.
- Fifty Mrs. Bradt—1st, Bassett & Washburn; 2nd, John Frick.
- Fifty any other striped—1st and 2nd divided between Chicago Carnation Co. and Peter Reinberg.
- Fifty Gold Nugget—1st, Bassett & Washburn.
- Twenty-five Blooms, white, introduction of 1901—1st, Chicago Carnation Co. (with Bon Homme Richard); 2nd, Bassett & Washburn (with Lorna).
- Twenty-five blooms any other color, introduction of 1901—1st, Bassett & Washburn (with Prosperity); 2nd, Chicago Carnation Co. (with Roosevelt).
- One hundred blooms, one variety—1st, Chicago Carnation Co. (with Lawson), winning a sterling silver cup, value \$25.00.

Prosperity showed up well in several classes and has evidently come to stay as a fancy. The flowers shown averaged



View of Part of the Chicago Show.

- Twenty-five any other variety—1st, Bassett & Washburn (with Carnot); 2nd, Peter Reinberg (with Chateaux).
- Six American Beauties—1st, Brant & Noe.
- Twelve Kaiserin—2nd, W. W. Coles.
- Twelve Bride—1st, W. W. Coles; 2nd, Jos. Labo.
- Twelve Bridesmaid—1st, W. W. Coles; 2nd, Brant & Noe.
- Twelve any other variety—1st, W. W. Coles (with Sunrises).
- Twelve Liberty—2nd, Brant & Noe.
- Twelve Golden Gate—2nd, W. W. Coles.

The American Rose Co., Washington, D. C., displayed a fine vase of their White Golden Gate, and John N. May a vase of the new rose, Mrs. Oliver Ames. Both received certificates.

Carnations.

The display of carnations on Thursday was even better than that of roses on Wednesday. A vase of Norway, H. Weber & Son's new white of last year, exhibited by Bassett & Washburn, showed this variety to be right at the top in

It was awarded a silver medal. Medals were also awarded to the Chicago Carnation Co. for Mrs. Potter Palmer, scarlet, and Chicot, crimson.

Following are the carnation awards in detail:

- Fifty Flora Hill—1st, Bassett & Washburn; 2nd, Sinner Bros.
- Fifty White Cloud—1st, Bassett & Washburn; 2nd, Sinner Bros.
- Fifty Petra—2nd, Peter Reinberg.
- Fifty any other white—1st, Bassett & Washburn (with Norway); 2nd, H. W. Buckbee (with Bon Homme Richard).
- Fifty America—1st, Bassett & Washburn; 2nd, Sinner Bros.
- Fifty Red Bradt—1st, Bassett & Washburn; 2nd, Anton Then.
- Fifty Crane—1st, Bassett & Washburn; 2nd, Chicago Carnation Co.
- Fifty any other red—1st Henry Smith (with Estelle).
- Fifty Maceo—1st, Harms Park Floral Co.; 2nd, Bassett & Washburn.
- Fifty Gomez—1st, Harms Park Floral Co.; 2nd, Henry Smith.
- Fifty any other crimson—1st, Chicago Carnation Co. (with Roosevelt).

a good three inches in diameter, and that's a big flower as we measure it, with the flower in its natural position. By flattening the flower against the rule it would go 3½ inches or over.

In addition to those awarded medals the Chicago Carnation Co. showed several very promising seedlings still under number. And they made a fine display of other sorts not for competition.

In the standard varieties Bassett & Washburn were very strong, as will be seen by the large number of prizes they won.

Violets.

The display of violets was the largest ever made at a Chicago exhibition. The liberal special premiums offered by Mr. E. E. Pieser, of Kennicott Bros. Co., were responsible. Grand Rapids took both, Eli Cross first and Crabb & Hunter second.

Chrysanthemum Seedlings.

There were several entries in the class for seedling chrysanthemums, but none measured up to the standard and no awards were made.

Floral Arrangements.

For dinner table decoration for twelve covers, to be judged each day during the exhibition, Wednesday, chrysanthemums; Thursday, carnations; Friday, roses; Saturday, optional, the first prize of \$125 was won by Anderson Floral Co.; second, \$90, by A. Lange; third, \$60, by Walter Retzer & Co.; fourth, \$40, by Walter Retzer.

In the classes for table decorations costing \$12, \$10 and \$8, A. Lange was first and Walter Retzer & Co. second in each case, while in the one for \$5 Walter Retzer & Co. were first and A. Lange second.



Bridal Bouquet Shown by Walter Retzer & Co. at the Chicago Show.

Vase of roses arranged for effect, first, Anderson Floral Co. (a picture of this vase appears on our title page this week); second, Walter Retzer & Co.

Vase of chrysanthemums arranged for effect, first, Walter Retzer & Co.; second, Anderson Floral Co. (a picture of this vase also appears on our title page this week).

Bridal bouquet, first, Walter Retzer & Co.; second, Anderson Floral Co. Walter Retzer & Co. received a special award for the arrangement of plants in the foyer described last week; also a special on basket of flowers.

Notes.

The award on standard geraniums was changed, or rather a clerical error was corrected, and first prize was given, as it seems the judges had intended, to John Reardon, gardener for M. A. Ryerson. A clerk had accidentally transposed the judges' awards.

August Jurgens displayed some forced tulips and daffodils that excited much comment and many questions as to how

is was done; also some very fine valley.

H. N. Bruns showed some extra fine valley as a special display.

Bassett & Washburn showed a vase of Harrisii that were extra fine for the season.

S. Muir received a special award for his fine group of Begonia Gloire de Lorraine.

Walter Kreitting & Co. had on display a table decoration not for competition.

The attendance was very satisfactory. It was feared that the horse show would draw away from the flower show, but it was evidently a help instead of a drawback. The weather was good all the week, averaging the best of any flower show week in years.

There was a host of visiting florists from out of town, who will be found mentioned in our Chicago notes.

The judges were R. H. Warder, superintendent of Lincoln Park; Alex Reid, of Oakwood Cemetery, and C. B. Whitnall, of Milwaukee.

E. G. Uihlein exhibited a seedling fern, *Nephrolepis Uihleiniana*, which received special mention.

Robert Mueller is gardener for A. S. Trude, who won many premiums in the plant classes, as recorded last week.

MADISON, N. J.

The Morris County Gardeners' and Florists' Society held their sixth annual flower show in the Assembly Rooms, Madison, N. J., Nov. 5 and 6. It is a pleasure to record that it was a grand show, the best ever given by the society. All the prizes were competed for, and the quantity and quality of roses shown can safely be said to excel anything seen at exhibitions given in the whole of the United States this fall, and some of the chrysanthemums were the finest shown in this section of the states this season.

Cut Chrysanthemums.

Arthur Herrington was first for 36 blooms in 6 varieties, with Mme. Deis, Appleton, Kate Broomhead, Jeannie Falconer, Mrs. Carrington and Eaton. These were simply magnificent blooms, many of them measuring 20 to 22 inches in circumference. Wm. Duckham was a close second with Weeks, Morel, Carrington, Park, Merza and J. Falconer. For 18 in 3 varieties A. Herrington also won first with Appleton, Timothy Eaton and Mons. Chenon de Leche. Peter Duff, Orange, N. J. won second; there were six competitors in this class. A. Herrington won first again in the class for 12 blooms, 4 varieties, 3 of each, with Eaton, J. Falconer, Robinson and Carrington. Peter Duff won second; there were seven competitors for this prize. In 12 whites, Peter Duff won first with Merza (one measuring 33 inches), and Arthur Herrington won second with Timothy Eaton, some of them measuring 28 inches in circumference. All Appletons were shown in the 12 yellows, A. Herrington, first; Geo. Smith of Orange, second. For vase of 12 blooms in variety, Wm. Duckham won first with Chas. Davis, Morel, Eaton, Weeks, Loveliness, Carrington, Park, Broomhead, Mme. Carnot, Yellow Carnot, Appleton and Yanariva; A. Herrington was second. There were four competing in the classes for twelves and as many in the sixes. Six whites, Geo. Smith first, with Weeks; A. Reagen second. Six yellow, first, Henry Hentz, with Appleton; second, O. Keser. Six any other color, first, A. Coren with Morel; H. Hentz, second.

Vase of blooms arranged for effect, first, Wm. Duckham, second, O. Keser.

Roses.

There were four lots staged for the 18 American Beauties. L. A. Noe won first and H. Hentz second; all were grand blooms on immense stems. There were many competitors for the 12 American Beauties, L. A. Noe again winning first, and H. Hentz second. Ten growers tried to win the honors for 12 Bridesmaids. John Mitchell won first, and J. T. Quarney, second. Seven exhibited in the class for 12 Brides. L. A. Noe won first, and H. Hentz second. Twelve competed for 6 Bridesmaids; John Mitchell first, and The Chatham Rose Company, second. Thirteen vases of 6 Brides were shown. First honors went to Righter & Barton; second to Chatham Rose Company. Twelve competed in the class for six blooms of any rose except Bride or Bridesmaid and Beauty. Peter Duff won first with Papa Gontier, and Elwood Brant second with Liberty. There was a dire scarcity of variety in roses shown, but the quality of all was extra fine for the season and those who failed to win have no reason to be ashamed of their products; they could not have been duplicated anywhere else.

Carnations.

There was but one class provided for carnations, which seemed strange to us, though this is the great rose-growing center. However, there was a nice table of blooms shown and they in a measure defied the roses and chrysanthemums in the line of loveliness. The class called for 3 varieties, 18 flowers of each. D. Canstra won first, and H. L. Hand second.

G. H. Velie & Sons, Marlboro, N. Y., won first on 100 double violets, W. H. Thomas second. H. L. Hand and O. Keser were winners of the prizes for single violet.

Groups.

For group of chrysanthemums and



Bridal Bouquet Shown by Anderson Floral Co. at the Chicago Show.

foliage plants, H. L. Hand was first, A. Coren second, and John Jones third. Group of foliage and flowering plants, chrysanthemums excluded, John Jones first, Wm. Charlton second. Three specimen chrysanthemum plants, pots not to exceed 12-inch, first and a special to Geo. Smith of Orange, N. J.



Some of the Chrysanthemum Blooms at the Chicago Show.

These were the prettiest bush plants exhibited in the east this year; they were very fine and were eloquent advocates for a better recognition of this kind of skill at all important shows; the varieties shown here were A. J. Balfour, Mutual Friend and Walter Molatsch. In the class for 12 plants grown to single stem, D. Carlyle won first, and O. Keser second. For specimen bush plant, Peter Duff won first with a nice plant of Walter Molatsch. For 3 plants in flower, exclusive of chrysanthemums, Wm. Charlton won first with an allamanda, begonia and clerodendron; he also won first for specimen flowering plant. John Jones won first for 6 ferns.

Wm. Duckham won first in all the vegetable classes, A. Coren, G. Chisholm, S. Brant and H. L. Hand winning seconds.

There were classes for amateurs which were of interest to many, and there were grand groups of palms, foliage, ferns and flowering plants shown, not for competition, by Wm. Duckham and Arthur Herrington. Certificates were awarded to Hart & Huston for fine mushrooms, to A. Herrington for vase of Gerbera Jamesonii, to J. Hart for cucumbers, to John N. May for the new rose, Mrs. Oliver Ames. Mr. May also displayed a table of very fine pompon chrysanthemums. To E. Regan for fine cosmos. Lager & Hurrell exhibited a table of choice orchids, which included Vanda caerulea, oncidiums, cattleyas, odontoglossums, etc. H. Hentz, a group of economic plants in which was a cotton plant covered with cotton bolls.

Mr. Herrington exhibited a bench of tea roses, Marie Van Houtte, Marie D'Orleans, Mme. Lambar, Geo. Nahon-dand and Mme. Cochet, which had grown out of doors for the past three years; the blooms shown had withstood three degrees of frost. Mr. Herrington's exhibit proves that tea roses can be successfully grown outdoors with but very slight protection during winter. The medal offered by Moore, Hentz & Nash to be awarded the actual grower of

the winning 18 Beauties was won by J. F. Ruzicka, foreman for L. A. Noe; for 12 winning Bridesmaids, to John Mitchell, and for the 36 winning chrysanthemums to Charles H. Totty, foreman for Mr. Herrington at Florham Farms. Prizes for the actual growers of flowers and plants might be given at all exhibitions.

We have been to many shows this year and must give the Morris County boys credit for having the best in many things. All concerned deserve special praise. We hadn't time to visit the press room, which we were informed was specially furnished, but enjoyed ourselves with the little army from New York and elsewhere.

The judges were Wm. Turner and N. Butterbach, from Oceanic, N. J., and J. W. Withers of New York.

J. I. DONLAN.

POUGHKEEPSIE, N. Y.

The seventh annual exhibition of the Dutchess County Horticultural Society was held in the state armory, Poughkeepsie, November 6, 7 and 8. It was generally conceded to be the best show given by the society for many years. The armory is a fine exhibition hall, and on this occasion it was well filled with choice plants and well grown flowers. A great and most successful feature was the competition for prizes offered to the pupils of the various schools of the town. Every conceivable variety of plant, in every degree of culture, was shown in these classes. A great number of small useful articles were offered as prizes, and several hundred plants were staged from many schools. It was worth going a hundred miles to see this table, and to study it was to see the pathetic and humorous—yes, the love and ambitious, too—connected with child life. All the school children were admitted free in the mornings, and if the promoters of shows everywhere could have only witnessed the countenances of the little orphans or poor

children as they trooped along among the flowers they would never deny the poor of their cities that costless but great pleasure.

There were many features of much excellence at this show. The hall was specially illuminated by many colored lamped electric lights. There was a reappearance of Russell and Powell as exhibitors, and there were magnificent chrysanthemums, and, of course, the show of violets could not be duplicated anywhere else in the universe. If they never showed anything else but violets at Poughkeepsie the show would be one of the most important from a floricultural point of view. There were not as many violets as one might expect, and perhaps on the next occasion a greater number of prizes might bring out the whole contingent of growers; as it was, though, the flowers shown were elegant, and the difference between many was somewhat microscopic.

Strange to say, there was no entry for group of chrysanthemums arranged for effect. The prizes for specimen bush plants went to H. E. Shave, gardener to Frederick Vanderbilt. There were two competitors in the group of ornamental and flowering plants arranged for effect. First prize was won by Samuel Horn, gardener to A. Rogers. This group won only by its wealth of cattleyas. The language of the schedule didn't call for the artistic, and even though the arrangement was faulty, as was the case with all the groups, profusion of flowers won out. A special award was recommended William Russell, gardener to C. F. Dieterich, for arrangement. William Russell was first for group of foliage plants and Samuel Horn second. A very elegant *Areca lutescens* won first for William Russell in the class for specimen foliage plant. For six foliage plants in not over 6-inch pots W. G. Gomersall, gardener to Winthrop Sargent, was first and W. Russell second. W. G. Gomersall won first for six distinct ferns, Samuel Horn was first for specimen *Asparagus Sprengeri*. W. G. Gomersall was

first for specimen fern and W. G. Saltford second.

Cut Chrysanthemums.

The Dieterich prize, \$50 for 26 blooms, 6 varieties, 6 of each, was won by William Russell, with wonderful flowers of Frank Hardy, Mrs. H. Weeks, Major Bonaffon, Mayflower, Golden Wedding and V. Morel. H. E. Shave won first for 12 blooms of white, with Mayflower; S. Horn was second. William Russell won first for 12 yellows, with 12 magnificent Bonaffons; Thomas Emerson won second. W. G. Saltford got first for 12 pink with V. Morel; S. Horn won second. For 12 any other color, S. Horn won first with Charles Davis; W. G. Saltford second.

The Miller prize, \$20 for 24-blooms in 4 varieties, 6 of white, pink, yellow and crimson, was won by I. L. Powell, gardener to Samuel Thorne, with the varieties John Shrimpton, Appleton, Morel and Weeks. For vase of 25, arranged for effect, W. G. Gomersall was first with white flowers and autumn foliage, and W. G. Saltford second with Bonaffons and asparagus. The class for 24 blooms, distinct varieties, brought out an elegant lot of blooms: the winner, Samuel Horn, put up as fine a lot of blooms as has been seen anywhere this season. The varieties were Robinson, Balfour, Modesto, Mme. Deis, Appleton, Mayflower, Gold Mine, Morel, Rustique, Golden Wedding, Iora, N. Pockett, Weeks, P. Kay, C. Davis, T. L. Park, Carrington, Fee du Champsaur, Philadelphia, Bonaffon, G. W. Childs, Eaton, G. J. Warren and Minerva. I. L. Powell won second in this class. For 12 blooms, 12 varieties, I. L. Powell won first with A. J. Balfour, Appleton, Malcolm Lamond (the best crimson seen at all the shows), Lawn Tennis, Merza, Bonaffon, Weeks, Morel, Minerva, Eaton, Golden Wedding and F. Hardy. R. B. Sexton won second.

The Sargent prize, \$20 for 24 yellow, 4 varieties, 6 of each, was won by W. G. Gomersall with Peter Kay, G. J. Warren, Appleton and T. L. Park. The prize for largest bloom in the show was won by W. G. Gomersall with a G. J. Warren 24 inches in circumference.

Cut Roses.

For 20 American Beauties, \$20, S.

Horn; collection of roses, 4 varieties, 12 of each, price \$25, won by I. L. Powell; 12 Bridesmaids, first, I. L. Powell, second, Mrs. Oakley Thorne; 12 Brides, first I. L. Powell, second Mrs. O. Thorne; 12 any other variety, first, T. Emerson, with grand Carnots; Mrs. O. Thorne, second. John N. May was awarded a certificate for the new rose Mrs. Oliver Ames.

Carnations.

There was quite a good exhibit of carnations and the quality of flowers was very fine. Charles Barson won first for 50 pink with superb Joosts. W. G. Saltford won first for 50 red with Crane. For 50 variegated W. G. Saltford was first with Bradt. For 36 blooms, 3 varieties, 12 of each, Charles Barson won with Joost, Jubilee and Lawson. Adam Laub & Sons were second.

The Elliott prize, a beautiful carving set, offered for the same number of blooms as above, was won by Wm. Duckham, Madison, N. J., with Lawson, Roosevelt and Bradt.

The mayor's prize, \$15, for 100 double violets, was won by Allen Traver, Rhinebeck, N. Y. The Mitchell prize, \$10, for 2 bunches of double violets, \$10 in each, was won by Herman Asher, who also won first for bunch of 50 in the private gardeners' class.

The Henderson prize for collection of vegetables, the Cook & McCord and W. Atlee Burpee & Co. prizes for same, brought out interesting exhibits. Wm. Scott of Tarrytown won first for 2 bunches of black grapes. The Troy prize for best plant raised from seed or cutting by exhibitor, went to David Gindra for a fine specimen of Bonapartea bystrix. H. Clinkaberry exhibited a new hybrid cypripedium, and W. G. Gomersall a grandly grown fern, and S. Horn, a fine croton in above class. Clarence Reynolds won first in the amateur class for flowers arranged for effect.

For dinner table decorations offered on the first day, Harold Cottam won first with a decoration of Meteors and Adiantum cuneatum. W. G. Saltford decorated his with Golden Gates and ferns. Three tables were shown on the second day. W. G. Gomersall won first with white chrysanthemums and autumn

foliage. W. G. Saltford had a pretty table with Perles and ferns, and H. Cottam used Bridesmaids. These tables were the best seen at the Poughkeepsie show in years. None of them were up to the Metropolitan standard, but they were good, considering the difficulties in procuring the right furnishings.

F. R. Pierson sent several Bay trees to help fix up the hall, and W. G. Saltford, in addition to being manager, put up several complimentary groups. A pleasing feature about this exhibition was that the principal exhibitors made friendly wagers that they would beat each other next year. The judges were A. Herrington, Henry Siebrect, J. I. Donlan and Wm. Scott.

J. I. DONLAN.

PHILADELPHIA.

The Philadelphia show was opened to the public tonight (Tuesday) in Horticultural hall. It is a fine exhibition, reflecting great credit on all the workers who have helped so well. The effects are enhanced by a wealth of foliage plants sufficient to set off the rich coloring everywhere. The chrysanthemum plants are well grown, fully up to the standard, and there are plenty of them of all shades and colors. The main stairway is handsomely decorated with vases of plants, specimen box, ferns and asparagus and vases of Timothy Eaton and other fancy blooms.

The center of the main hall is filled by six stately arecas in tubs, elevated, with vases of chrysanthemums between, the whole surrounding a group of choice orchids and foliage plants and a fine Boston fern. Autumn leaves were used freely to cover tubs and supports. Two fine groups of foliage plants set off this center. A rich border of chrysanthemums in pots surrounding the whole. Many of these plants were exceptionally well done. An immense specimen kentia fills the center of the stage, with smaller ones on each side. Banks of choice foliage plants, well arranged, fill both sides of the hall. Next comes a table containing some thirty superb Begonia Gloire de Lorraine covered with bloom, opposite a nicely flowered group of geraniums between a group of Pandanus San-



Part of the Carnation Exhibits at the Chicago Show.



Group of Roses and Carnations Shown by Bassett & Washburn at the Chicago Show.

deri, and a specimen of the same variety fully seven feet high.

The features of the smaller hall are a grand assortment of cut chrysanthemums in vases, some superb crotons, perfect in size, coloring and form, a well-grown lot of begonias and flowering ferns and orchids. Downstairs, Ivory, the new bridal rose, was beautifully displayed in two large vases in an alcove. Opposite is a pretty display of glass flower vases in candelabra style, nicely decorated.

The lower hall contained a vast collection of fine vegetables, also seeds, fruits, bulbs and vases. A bed of artificial hyacinths, red and white, in full bloom, made a good illustration on a table of bulbs. Full details and the prize list will be given next week. PHIL.

TARRYTOWN, N. Y.

The third annual exhibition of the Tarrytown Horticultural Society was held in the Music Hall at above place on November 5, 6 and 7. It was not only the best show the society ever gave, but can be put down as one of the best exhibitions in the United States. Pity it is that there is no hall in Tarrytown large enough to properly display what is annually sent, and this lack of room not only prevents the adoption of many most desirable classes, but it necessitates the overcrowding of what is shown. Therefore in sizing up this show we must consider what it would be had there been sufficient space. We must congratulate the society on what it has done and what it is doing for horticulture. Of course, nothing less could be expected from a locality unequaled in wealth.

It was conceded by all those in a position to know that there were more high grade chrysanthemums shown here than at any other place. The largest flower at the show, Mme. Carnot, measured 23 inches in circumference, but there were plenty of blooms measuring from 20 to 22 inches in circumference. The group of chrysanthemum plants exhib-

ited by Wm. Scott were never excelled and seldom equaled. The winning bush plants were Harvest Moon, G. W. Childs, Adele and Mutual Friend. William Anderson must be congratulated for once more winning the most coveted prize, Pierson's silver cup. His varieties were T. Eaton, Mme. Deis, T. Carrington, Mrs. Coombs, Nellie Pockett, H. J. Jones, Appleton and Swanley Girl. In the 36 blooms, 6 varieties, 6 of each class, Geo. Middleton exhibited P. Kay, Weeks, Jones, Bonaffon, Morel and Robinson. William Smith exhibited a new pink chrysanthemum of great size. F. R. Pierson put up a grand lot of blooms, not for competition. On this table were a batch of seedlings, some yellows and pinks showing great promise. He was awarded a certificate of merit for them. The largest of them was 22 inches in circumference. Mr. Pierson also exhibited complimentary groups of orchids, ferns, begonias, Pandanus Veitchii and a general assortment of decorative plants.

Appleton won the honors in classes for yellow. George Middleton's winning 25 were Yellow Mayflower, Carrington, N. Pockett, Philadelphia, Autumn Glory, O. P. Bassett, H. Weeks, Portia, Swanley Girl, Yellow Carnot, G. J. Warren, A. J. Balfour, Robinson, M. Deis, Mrs. Barclay, W. C. Egan, P. Kay, Bonaffon, Morel, Iora, Meta, Mme. Carnot and the French mistake re Agriculture.

George Middleton's Liberty roses were the best seen this fall. A vase of that great scarlet carnation sent by C. W. Ward was one of the features of the show; it was given a special award, and a certificate of merit was given the new rose, Mrs. Oliver Ames, shown by John N. May. The specimen ferns exhibited by William Scott, Jas. Nichols and others were simply immense. All are to be congratulated on everything put up at this show. Mr. F. R. Pierson supplied the press with type written lists of awards, which we appreciated.

The school children of the district were admitted free and helped by their tales of delight to advertise the show.

Chrysanthemums in Pots.

Group in pots to occupy 75 square feet, bordered with fern or other suitable plants—1st prize, Wm. Scott, gardener for Jos. Eastman, Tarrytown; 2nd prize, Thos. Cockburn, gardener for Louis Stein, Tarrytown.

Three bush plants, distinct varieties—1st prize, Wm. C. Roberts, gardener for Frederick Potter, Ossining; 2nd prize, Geo. Middleton, gardener for Wm. Rockefeller, Tarrytown.

Bush plant, white—1st prize, Wm. C. Roberts; 2nd prize, Geo. Middleton.

Bush plant, yellow—1st prize, George Middleton.

Bush plant, pink—1st prize, Wm. C. Roberts; 2nd prize, Geo. Middleton.

Bush plant, any other color—1st prize, Geo. Middleton; 2nd prize, Wm. C. Roberts.

Twelve plants grown to single stem and bloom, pots not to exceed 6 inches, distinct varieties—1st prize, Geo. Middleton.

Two standards, distinct varieties—1st prize, Geo. Middleton.

Plants in Pots.

Group of palms and foliage plants to occupy a space of 100 square feet—1st prize, W. H. Waite, gardener for Samuel Untermeyer, Yonkers; 2nd prize, Geo. Middleton.

Specimen palm—1st prize, Francis Gibson, gardener for Mrs. John M. Hall, Tarrytown; 2nd prize, W. H. Waite.

Fancy foliage plant other than palm, for private gardeners only—1st prize, Geo. Middleton; 2nd prize, W. H. Waite.

Six plants suitable for table decoration, pots not to exceed 6 inches—1st prize, W. H. Waite; 2nd prize, Wm. Anderson, gardener for F. A. Comstock, Mamaroneck.

Six ferns for table decoration—1st prize, Wm. Scott; 2nd prize, Howard Nichols, gardener for Mrs. J. V. Trevor, Yonkers.

Three specimen ferns—1st prize, Jas. Nichols, gardener for Mrs. Geo. Lewis, Tarrytown; 2nd prize, Wm. Scott.

Single specimen fern—1st prize, Jas. Nichols; 2nd prize, Andrew Taafé, gardener for Mrs. F. O. Mathieson, Irvington.

Two pots of pans Selaginella or Lycopodium—1st prize, Wm. Anderson; 2nd prize, Wm. Scott.

Fair Adiantum, other than Farleyense—1st prize, Wm. Scott.

Specimen Farleyense—1st prize, Howard Nichols.

Six Cyclamens—1st prize, Wm. C. Roberts.

Cut Blooms, Chrysanthemums.

Thirty-six blooms, six varieties, six each—1st prize, Geo. Middleton; 2nd prize, Wm. Smith, gardener for Robt. Mallory, Fort Chester.

Twenty-five blooms, distinct varieties—1st prize, Geo. Middleton; 2nd prize, Wm. Scott.

Twelve blooms, distinct varieties—1st prize, Robt. Allen, gardener for E. C. Benedict, Greenwich, Conn.; 2nd prize, Wm. Anderson.

Six blooms, white—1st prize, Edward Parker, Fort Chester, N. Y.; 2nd prize, Wm. Nye, gardener for Miss Blanche Potter, Ossining.

Six blooms, pink—1st prize, Robt. Allen; 2nd prize, Wm. Nye.

Six blooms, yellow—1st prize, Peter Macdonald, gardener for W. F. Cochran, Yonkers; 2nd prize, Geo. Middleton.

Six blooms, crimson—1st prize, Andrew Taafe. Most effectively arranged vase of 25 blooms—1st prize, Andrew Taafe; 2nd prize, W. H. Walte.

Cut Roses.

Twelve American Beauties—1st prize, Jas. Nichols; 2nd prize, Geo. Middleton.

Twelve Bridesmaids—1st prize, Jas. Nichols; 2nd prize, Wm. C. Roberts.

Twelve Bride—1st prize, Jas. Nichols; 2nd, Robt. Williamson, gardener for Mrs. E. M. Anderson, Greenwich, Conn.

Twelve Perle—1st prize, Wm. Nye; 2nd prize, Jas. Nichols.

Twelve Liberty—1st prize, Geo. Middleton.

Twelve, any other variety—1st prize, Wm. C. Roberts; 2nd prize, Francis Gibson.

Cut Blooms, Carnations.

Thirty-six, six varieties, six each, with Bradt, Lawson, Crane, Lorna and Roosevelt—1st prize, Geo. Middleton.

Eighteen, three varieties, six each, private gardeners only—1st prize, Robt. Allen; 2nd prize, Robt. McInnes, gardener for O. G. Jennison, Fairfield, Conn.

Twelve white—1st prize, Robt. McInnes.

Twelve scarlet—1st prize, Geo. Middleton; 2nd prize, Robt. McInnes.

Twelve pink—1st prize, Geo. Middleton; 2nd prize, Robt. Allen.

Twelve streaked—1st prize, Geo. Middleton; 2nd prize, Robt. McInnes.

Six seedling not yet disseminated—1st prize, Herbert M. A. Spavins, N. Kisco, N. Y., with a very promising dark pink.

Violas.

Bundle of fifty double blue violets—1st prize, C. E. Bahret, Fulkhope, N. Y.; 2nd prize, C. G. Velle & Son, Marlborough, N. Y.

Bundle of fifty single blue violets—1st prize, Francis Gibson, 2nd prize, Wm. C. Roberts.

Arranged center piece for table—1st prize, Andrew Taafe, with basket of American Beauties.

The prizes for fruits were divided between Wm. Scott, Jas. E. Counce, Geo. Middleton, Wm. Smith and Andrew Taafe.

Those for vegetables were won by Wm. Smith, Wm. Nye, Wm. Scott, L. A. Martin, Jas. E. Counce, Howard Nichols, C. P. Bahret, W. H. Walte, Thos. A. Lee, Andrew Taafe and Chas. Deutschman.

Seeds awarded for plants, flowers and bouquets were made to amateurs.

The judges were C. W. Ward, Jas. Blair and J. N. May. J. L. DONLAN.

INDIANAPOLIS, IND.

The chrysanthemum show held here from the 5th to the 9th by the Fall Floral Festival Association was a success financially as well as florally. The quality and extent of the exhibits were superior to anything held in this city in years past. There was also a decided departure in the decorations from previous exhibits and while the arrangement was very pretty and effective in some ways yet in other respects it was not as good as some former arrangements, the principal objection being the obstruction of the view from the balcony. After walking among the exhibits and admiring the blooms individually for an hour most of the people would go up to the balcony and listen to the concert and look down on the exhibition as a whole, and when the whole floor could be seen at once it was a grand sight. This year there was an avenue of large latanias raised on pedestals which divided the hall in halves, making really only one-half of the show visible at a time and the same trouble was experienced in photographing the show.

Wild smilax and other green material were used extensively and with the aid of hundreds of incandescent lights a very pleasing effect was produced. Up on the stage there was an exhibit of orchids arranged before a large mirror and people were crowding around them continually. At the other end of the hall was a large table of miscellaneous cut flowers and foliage from all kinds of odd and rare plants, which was very interesting and instructive.

The weather remained fine throughout

the week and the attendance was very fair, but hardly up to what such a show ought to draw. But this is the first show held here for many years that did not leave the promoters with a deficit to make up.

The cut blooms of chrysanthemums were as fine as any one could wish to see and most classes were hotly contested. The two most prominent varieties were Timothy Eaton and Col. Appleton. Eaton certainly has the size and stem, but we were disappointed in seeing such a large open center in many of the blooms. Perhaps this can be remedied with proper handling. Appleton seems to be a perfect yellow and was easily the finest yellow in the show. Bonaffon, which has always been a favorite here, looked like about 30 cents beside it, and it will now have to "go away back and sit down" in the exhibition hall. Old Viviani-Morel and Mrs. Perrin still seem to be the leaders in pink, and a good pink with the size and substance of Eaton would be appreciated.

In the class for 20 Eaton the E. G. Hill Co. were first, with Vesey's from Fort Wayne second and G. Teilmann of Marion third. These were all grand blooms and each lot was only a few points better than the one next to it. In 20 Appleton Vesey's were first, with N. Smith & Son second and H. W. Riemann third. In 20 Bonaffon E. G. Hill was first, with Vesey second and H. W. Riemann third. In 20 Mrs. D. Smith, N. Smith & Son were first, with Hill second and Riemann third. These blooms were only about half done and did not show the variety to advantage. In 20 Mrs. Perrin, Hill was first, with Riemann second and J. Heidenreich third.

In 20 yellow N. Smith & Son were first with a vase of Mrs. Glessner, H. W. Riemann was second with G. Wedding and Hill third with H. L. Sunderbruch. In 20 white Gunnar Teilmann was first with Fee du Champsaur, W. W. Coles of Kokomo was second with the same variety and E. Huckleidre third with Robinson. In 20 pink Hill was first with S. T. Murdock, Riemann was second with Nono and Bentermann Bros, third with V. Morel. In 20 red or bronze N. Smith & Son were first with Charles Davis, Hill was second with Kate Broomhead and Teilmann third with Arab.

In 10 white Hill was first and W. W. Coles second; both showed Eaton. In 10 yellow N. Smith was first and Hill second, both with Appleton. In 10 pink Hill was first and H. W. Riemann second, both with Viviani-Morel. In 10 any other color Conway was first with Bassett and Teilmann second with Chito.

In the class for 10 blooms in 10 varieties the E. G. Hill Company was first with a fine lot of blooms of H. J. Jones, Fakir, Princess Alice of Monaco, Mme. Jouvinn, Mrs. E. D. Smith, Collette, Col. Appleton, Kate Broomhead, Timothy Eaton and M. V. Claverin. N. Smith & Son were second with Merza, Bruant, Yanariva, Jora, Chas. Davis, Rustique, Wm. B. Chamberlain, Eaton, Appleton and Mrs. E. D. Smith.

In 5 specimen plants Conway was first and J. Heidenreich was second. Both had fine plants considering the short time they had to grow them in. In 2 white J. Heidenreich was first, with Conway second. In 2 pink Heidenreich was first and Conway second. In 2 any other color Heidenreich was first and Conway second. In 1 white Heidenreich was first and Conway second. In 1 yellow Heidenreich was first and Teilmann

second. In 1 any other color Heidenreich was first and E. Huckleidre second.

In best 30 plants, single stem and bloom, yellow, E. Huckleidre & Son were first and Conway second; both had Bonaffon. In 30 white Stuart & Haugh of Anderson were first with Robinson. In 30 pink E. Huckleidre was first with Merula and Conway second with Lady Harriott. In 30 any other color Conway was first and Riemann second, both with Childs. In 30 plants not less than 10 varieties, H. W. Riemann was first and Hill second. In 5 plants in 8-inch pots J. Heidenreich was first and E. Huckleidre second.

In 6 plants in 6-inch pots, white, E. Huckleidre & Son were first and J. Heidenreich second. In 6 yellow J. Heidenreich was first and H. W. Riemann second. In 6 of any other color H. W. Riemann was first. On standard yellow H. W. Riemann was first and Conway second. On standard pink Conway was first and Riemann second. On standard white Riemann was first and Conway second. On standard any other color Conway was first and Riemann second.

H. W. Riemann showed several seedling mums and captured the S. A. F. silver medal with a white scoring 91 points. A pink one scored 87 points and another white scored 86 points.

The carnation show was far superior to anything that had ever been shown here in the fall and the blooms in most cases had midwinter quality in them. In 50 variegated Vesey showed Mrs. Bradt. In 50 white Vesey was first and Stuart & Haugh second; both had White Cloud. In 50 red Stuart & Haugh were first and E. T. Grave of Richmond second, both with America. In 50 pink E. T. Grave was first with Vesey second, both with Lawson. In 100 blooms Vesey was first with Triumph and Lawson and E. T. Grave second with Dorothy, John Hartje had on exhibition several varieties of pedigree seedlings and captured the S. A. F. bronze medal with a white one and a certificate with a pink one. R. Witterstaetter sent a vase of Enquirer and another of a fine white seedling. Baur & Smith showed a vase of Elma, which were fine. E. A. Nelson showed a vase of Mrs. Nelson, which were fine, considering that they were only planted a few weeks. He also gave away 1,000 blooms on Thursday evening at the lecture given by Mr. Griffiths on carnations. The Cottage Gardens, of Queens, L. I., also sent a lot of Gov. Roosevelt, and so did Mr. Fisher a lot of Mrs. Lawson, to be given away that evening.

The rose display was also grand and many fine blooms were staged. In 20 Perles, H. W. Riemann had his own way. In 20 Brides, South Park Floral Company, of New Castle, was first, with Vesey, of Ft. Wayne, second. In 20 Maids, Vesey was first and South Park Floral Company second. In 20 Liberty, Vesey was alone. In 20 Kaiserin, West View Floral Company, of Knightstown, was first and W. W. Coles second. In 20 any other kind, South Park Floral Company was first with Golden Gate. In 20 American Beauty, South Park Floral Company was first, and Coles second. Any rose not disseminated prior to 1901, American Rose Company, of Washington, D. C., was first, with a vase of its new rose, Ivory, or White Golden Gate. This is truly a grand rose. The E. G. Hill Company showed a fine vase of White Lady and J. N. May showed a vase of Mrs. Oliver Ames, both of which were grand. Later on Mr. Hill came over



View of part of the Indianapolis Show.

with two blooms of a new rose resembling Ulrich Brunner in color and general makeup and large, heavy foliage.

In 500 violets, Young & Smith were first and J. Hartje second. In 2 Pandanus Veitchii, H. W. Rieman was first and J. Peterson, of Cincinnati, second. In 10 adiantums, Bertermann Bros. were first and Rieman second. In 16 cyclamen, Rieman was first and Bertermann Bros. second. These were not well enough in bloom to make a good show.

In 10 foliage plants, Rieman was first. In 10 geraniums, Rieman was first and E. Huckleberg & Son second. In 10 flowering begonias, Bertermann Bros. were first and Hill second. In 10 Rex begonias, Rieman was first and G. R. Gause, of Richmond, second.

In 6 palms Bertermann Bros. were first. In pair palms not over 24-inch tubs, Rieman was first and Bertermann Bros. second. In specimen palm, Rieman was alone. In specimen Boston fern, Baur & Smith were first and Rieman second. In 6 ferns Bertermann Bros. were first and Rieman second.

There were two table decorations, two mumm baskets, two rose baskets and several designs, but there was no competition in those classes. Also two tables of roses, one arranged by Bertermann Bros. and the other by H. W. Rieman.

The music was furnished by Klausman's orchestra and Herman Bellstedt, Jr., the great solo cornetist.

On Wednesday evening at a meeting called in connection with the entertainment it was decided to bring about, if possible, the adoption of the carnation as the national flower.

Visitors from out of town were J. D. Meat-saw Carmody, George M. Iron-gutter Garland, W. W. Kaiserlin Coles, J. Peterson, of Cincinnati, Ohio, Charles Knopf and wife, John Challenge Ventilator Evans, George Fulle and wife, George Gause, E. G. Hill, Joseph Hill, Fred Lemon, Ben Schroeder, H. Shepard,

all of Richmond; J. S. Stuart and wife and J. A. E. Haugh and wife of Anderson; Paul Tauer, of Lebanon; Gunnar Teilmann and Ed Bissel, of Marion; Jacob Schulz, August Banman and Mr. Kuntzman, of Louisville, Ky.; Ed. J. Brown, of Shelbyville; E. Hyatt, of Anderson; Mrs. Vesey, of Ft. Wayne; and a crowd of Cincinnati florists whom the writer missed but among whom was Ed Gillett.

Theo. Bock, of Hamilton, Ohio, was judge and his decisions were satisfactory in every case. A. B.

LAWRENCE, L. L.

Of all the exhibitions given this season that held by the Lawrence-Cedarhurst Horticultural Society in the Lawrence Hall, Nov. 8, deserves the most praise. This society is the youngest, it being only recently organized, and the locality cannot boast of having much glass, but it has a few good men who feel like fish out of water unless they are growing for exhibition. A few of them have, so to speak, been reared in exhibition halls in Europe and in America and no matter where such men go exhibition plants and flowers can be seen.

Alex McKenzie, John G. McNicoll, James Bell, E. J. Horn, Thomas Sanderson, Herbert Entrobist, Wm. Mitchell, John Reilly, Paul Seidlin and Maurice Griffin deserve great credit for the success of this show. The wealthy people of the locality took keen interest in the winning of the awards, many of them displaying more anxiety than their gardeners. The hall was not large enough, everything being cramped up. Prizes were awarded to pupils of the schools and to amateurs. School children were admitted free and hundreds attended.

Decorative Plants.

Group covering 100 sq. ft.—1st, J. McNicoll; 2nd, J. Reilly.

Six stove and greenhouse plants—1st, J. Bell; 2nd, J. McNicoll.

Three specimen ferns—1st, A. McKenzie; 2nd, J. McNicoll.

In the fern exhibits was shown an immense basket of *Nephrolepis exaltata* with fronds 7 feet long; it was the best decorative plant seen at all the shows.

J. Bell, A. McKenzie and J. McNicoll were winners in the classes for specimen palms, table of decorative plants and six table plants.

Chrysanthemum Plants.

A. McKenzie won 1st for group with foliage plants (J. Reilly 2nd), 1st for three best plants (J. McNicoll 2nd). For 12 in 12 varieties, single stem, 6-in. pots, 1st, J. McNicoll; 2nd, J. Bell. Six plants same, 1st, J. Bell; 2nd, J. McNicoll. Six plants, 6 varieties, not less than 3 nor more than 6 blooms to a plant 1st, J. Bell; 2nd, J. McNicoll. The same exhibitors divided honors in classes for specimen bush plants. J. Bell's anemone variety Garza was a little beauty, the only anemone seen at the shows worth considering; this class of chrysanthemums deserve to be more popular.

Cut Chrysanthemums.

Twenty-four blooms 4 varieties, 6 of each. 1st, J. Bell, with Appleton, T. Eaton, T. L. Park and Minerva. Bell also won first for 12 in 4 varieties, 3 of each, with Eureka, Appleton, N. Pickett and Lady Roberts. For 6 yellow with the best Bonnaffons seen in years; they were grand. Six crimson with J. Shrimpton, A. McKenzie and J. McNicoll's winning seconds.

A. McKenzie won 1st for 6 pink with V-Morel, the best seen this season. J. Bell was second with Mrs. Coombs. J. Bell won 1st for 6 whites with Silver Wedding; McKenzie, 2nd, with T. Eaton. The Burton special prize for 24 blooms was won by J. McNicoll with

the largest lot of flowers seen at all the shows; some of them measured from 22 to 31 inches; 2nd prize went to A. McKenzie.

The winners in the class for 12 varieties were Mme. Rogers, Morel, Portia, Mrs. Mease, Weeks, Mutual Friend, Eaton, Yellow Mayflower, Robinson, Appleton, P. Kay and Jerome Jones. J. Bell's T. Eatons measured 22x18; they were immense. He also had some grand Inter-Oceans.

Cut Roses.

McKenzie and McNicoll divided most of the honors in the rose classes. Ten dollars and \$5.00 were offered for 12 Perles; 1st went to J. McNicoll; 2nd to J. Bell; and \$25.00 was offered for 18 Beauties. The Beauty prize was captured by McKenzie; 2nd, McNicoll. This order was reversed in the other class for Beauties.

Ten dollars and \$5.00 was offered for 30 carnations. First went to P. Siedlin; 2nd to A. McKenzie. H. Eltzholtz was a winner in violets and carnations. Thos. Sanderson, Karl Kretschmar and M. Griffin also got their share of the prizes.

Elliott's carving set for display of vegetables was won by J. McNicoll. The vegetables shown were in quantity and quality most creditable.

It was a very good show. The judges were Wm. Russell, Milbrook; J. W. Withers, New York; and Peter Duff, Orange, N. J. J. I. DONLAN.

COLD SPRINGS, N. Y.

The third annual exhibition of the Putnam County Horticultural Society was held in the Town Hall, Cold Springs-on-the-Hudson, November 7 and 8. Owing to the unwise policy of restricting competition in the majority of the classes to the gardeners of Putnam county, this year's show was the poorest ever held along the Hudson. It is quite true and an important desideratum that the glass area of Putnam county would stand no show with that of its neighbors, but all the same it looks bad when one society shuts out all others from competition. The fact that not a single outsider exhibited and the members themselves failed to show ought to be sufficient to guide future schedule makers. The future of Putnam county shows depends on outside exhibits.

We have the very highest praise for the few workers who collected \$300 for premiums and in other ways did their very best for this year's show. They are William J. Buckley, Peter Mason, James Cassidy, William Dyas, Leander Hustis, Howard Julian and a few others.

For best group of chrysanthemums and foliage plants, first, P. W. Mason; second, S. Cunningham. Best six plants, first, P. W. Mason. Group of decorative foliage plants, first, H. Julian. Six foliage plants, first, W. Dyas. Six ferns, first, W. Dyas. Specimen fern, first, H. Julian, also with specimen Asparagus Sprengeri. Specimen foliage plant, Leander Hustis. Six poinsettia plants, first, W. Dyas.

President A. V. Porter's prize, a silver mounted glass vase, for 36 chrysanthemum blooms, 6 varieties, 6 of each was won by Leander Hustis; 12 white and 12 pink, first, W. J. Buckley; 6 yellow, first, L. Hustis; 25 blooms, arranged for effect, first, W. J. Buckley; for 24 blooms on boards and 12 on boards, P. W. Mason won firsts.

W. J. Buckley won first prizes for 12 Beauties, 12 Bridesmaids, 12 Brides, 12 Perles, 12 any other variety. P. W. Mason won second for Bridesmaids and James Cassidy second for Brides.

In carnations W. J. Buckley won firsts for 12 scarlet, 12 white, 12 pink and 12 new carnations. P. W. Mason was second in 12 whites. This exhibitor also won first in violets. The same exhibitors, with the addition of M. Gallagher, were winners in classes for vegetables.

Leander Hustis won first for largest chrysanthemum in the show with Appleton, and W. J. Buckley was awarded a special prize for vase of Timothy Eatons, which were the best blooms at the show. The judges were Messrs. F. R. Pierson, Forson and E. Wood, of Wood Bros., Fishkill. Some set funeral designs were shown by the Spy Hill Conservatory, florists of Fishkill. J. I. DONLAN.

CHRYSANTHEMUM NOTES.

The past week has been a busy one for the exhibitor, with shows being held all over the country at almost the same time. This makes it hard to get around and see all that's going on, but it is of course unavoidable. The time when the "mum" is in its glory is from Nov. 1st to the 10th, and of course the different exhibitions must come in those dates if the "mum" is the central attraction.

The quality of the flowers exhibited this year is very high, and the number of exhibitors who set up extra special quality flowers is greater than ever before. I have not met a single individual this year who has gone to the trouble to inform me that the extra large flowers are not attractive any more. This was the cry with lots of people a year or so ago, but one has only to watch the great bulk of the general public as they enter a show, to see how little ground there was or is for such a statement.

Nearly everybody makes straight for the largest flowers and it is a ridiculous statement to make to say that the pompon or single types will ever satisfy the American people. This is a great country, a country of big things, and the American Beauty rose and the big "mum" have a fast hold on the public taste. Possibly we are today running more to size than finish in our flowers.

This is particularly true with Timothy Eaton. In my notes last week I stated that this variety was developing without the bad center, but I erred too soon. The absolutely perfect flowers are not numerous, and consequently Eaton must rank lower as an exhibition flower than as a commercial flower. The past week it has been beaten in competition by both Merza and Mrs. Weeks, neither one of which can hold a candle to it for lasting qualities, or general usefulness; but they both put on a fine finish, and leave nothing to be desired in color.

Merza will not take up the water when cut, on account of the stem getting so hard, and will not keep fresh more than a few hours off the plant.

Mrs. Weeks is so soft that it is useless as a commercial flower, but it has a finish as fine as satin, so all you can do is ask, like the politician: "What are you going to do about it?"

Of all exhibition varieties, none can compare with the White and Yellow Carnots when the crown bud is used. Their only fault, but it is a fatal one, is that the stem is unable to hold the enormous

flower erect. Our buds were taken August 23, and the flowers were ready for cutting by Oct. 30, though they have kept improving ever since. We have had enormous flowers, but they would not exhibit them, knowing that they would not "stand for it."

Mr. T. Carrington, an Australian variety of the Mrs. Geo. West-color, has made a great showing during the past week. It makes an enormous flower, but is not very kind in growth, and is a difficult variety to get to produce perfect buds. It was in condition for cutting on Oct. 27, and is still in fine shape.

Mrs. Barkley is a variety that we think very highly of. It is just now in condition for cutting, and is a lovely shade of pink. We shall give Barkley an extended trial next year, because it comes in at a time when most of the other pinks, with the exception of Maud Dean, are over. The foliage is large and bulky, but the pink of perfection is not yet in sight.

Golden Wedding we shall begin to cut about the 14th, and very fine they are. It is an old variety and a good one, and will wholesale at 50 cents a flower right through when of first-class quality. Take the trio of Robinson, Morel and Wedding, and after the lapse of years, nothing can approach them in their respective classes. So many of the present day novelties go to pieces after the second year. Take Bonaffon this year, and while it is exquisite in form, it is deteriorating rapidly in point of size.

Wm. H. Chadwick will be ready for cutting in a few days, and is certainly a very fine late white. Chadwick seems to be one of those things that for some reason or other does not catch on at the time it is introduced. Full many a variety is born to blush unseen after the committees have got out their little hammers and taken a fall out of it, though if I recall correctly, Chadwick was scored very highly by every committee before whom it was exhibited. Possibly it is grown more extensively in other sections than here. It certainly deserves to be.

In noting the prices obtained in different cities, it seems to me that somebody is growing "mums" at a loss. Your Philadelphia correspondent noted that good flowers went for \$3 a dozen and seemed to think that was a good price. Now, if the flowers were really first-class, that is to say, up to the exhibition standard, \$3 a dozen was no price at all. If the grower will keep track of every item of expense connected with the crop, he will find that exhibition flowers cost more than a quarter each to produce. I hold that the very highest grade flowers ought to wholesale at 50 cents each, if the grower is to make anything on his crop and allow for a percentage of poor flowers.

But \$3 a dozen is a princely price alongside the reports from other cities. From 5 cents up seems to be the prevailing figure. Now when an earth can make any money on "mums" at 60 cents a dozen? Better by half grow roses or carnations. There is something radically wrong with either the stock or the market, when such prices rule. If we couldn't get more than 5 cents for our quality flowers, we would go in the glass business, or join the noble army of the Sons of Rest, or adopt some other species of lucrative employment.

BRIAN BORB.



New Pink Gladiolus Park Belle.

GLADIOLUS PARK BELLE.

We present herewith an engraving from a photograph of a spike of flowers of the new pink gladiolus, Park Belle, grown by the Michigan Seed Company, South Haven, Mich.

The color is a solid illuminated pink of a pleasing shade, the flower is well formed and in habit it is a dwarf grower, ranging from 2 to 2½ feet and having a stout stem. It gives promise of being very valuable as a bedder as well as for cut flowers.

It was awarded honorable mention at the Buffalo convention of the S. A. F. and a diploma at the Pan-American Exposition.

THE REVIEW is the best trade paper published. GEO. W. FRIDINGER, Hagers-town, Md.

ROSE NOTES.**Mulching.**

As soon as the feeding and roots begin to come near the surface it is time to stop stirring the soil and apply a light mulch, consisting of two-thirds well-rotted cow manure and one-third soil. This should be prepared during the summer by being piled up in the same way as planting soil, then chopped up and in three weeks turned over. Passing it through a three-quarter inch screen makes it just about fine enough to cover the bench without putting it on too thick. Instead of a screen we have for the last year been using the Tonawanda seed crusher, with three-quarter inch drum; it does the work well and is a great labor-saver.

Add to each cubic yard of compost 20

pounds of fine bone flour and spread evenly on the bench to the depth of half an inch. This should be repeated at intervals of five or six weeks during the winter. After the first mulching the plants will be able to use a richer compost, which can be obtained by increasing the quantity of bone. By the middle of March we will have more sunshine and a longer day; the plants will then be making a more vigorous growth and will require a heavier mulch. One inch in depth is about the limit to insure best results.

Watering.

This is one of the most important operations in rose culture and one of the most difficult to describe. How and when it ought to be done can be determined only by a thorough inspection of each bench. As atmospheric conditions and seasons are continually changing, plants at the different stages of their growth requiring different quantities of moisture, it is only after years of careful and close observation and a knowledge of the requirements of the plants, coupled with sound judgment, that the art of watering is attained.

The bench should be carefully inspected every morning and all dry spots gone carefully over previous to the general watering; and no attempt should be made to do the syringing and watering at the same time, as that practice will most surely lead to disaster. By the middle of September the plants will begin to prepare for the winter, the root action will be more sluggish and the plants show signs of wanting a rest.

To carry them successfully over this critical period calls for the best judgment the grower has at his command. Overwatering can easily be detected by the leaves assuming a paler shade and must be carefully guarded against. As the season advances they will require less water, and as heat will now be used on cold nights the benches will begin to dry out from the bottom instead of from the surface and the drying will be more irregular than during the summer. Vigilant care will have to be used, as it is easy to be deceived by appearances. Every bright day the syringe ought to be used to eradicate spider, as the dark, short days of winter will soon come when that will have to be done sparingly; and to enter the winter with a dose of spider is almost as bad as having mildew, and quite as hard to get quit of.

RIBES.

PHILADELPHIA.**The Market.**

Business conditions continue much the same as last week. There is a good demand for all kinds of choice flowers, with poor stock dragging badly. Prices have not materially changed. Violets advanced a trifle on Saturday of last week and have held their own pretty well this week. Choice roses and carnations rule a shade higher. Meteors brought from \$4 to \$6 per 100, with a very few at \$7. Chrysanthemums went rather slowly a few days ago, but the exhibition this week has a quickening effect on the demand. Timothy Eaton is the best white coming in; it is really fine, selling well in limited quantities. S. S. Pennock received some exceptionally handsome Gold Mine this week, a well named variety. Maud Dean is the standard pink, with Mrs. Perrin a favorite when obtainable.

W. K. Harris has some President McKinley, which appear popular.

The demand for red and blue flowers for last Saturday's football game was hardly up to expectation, due probably to the absence of any element of uncertainty in the contest, our university having a very poor team. The wholesalers found a limited demand for violets, red roses and chrysanthemum George W. Childs. The retailers did not experience the rush anticipated for these flowers; still they did fairly well.

Various Notes.

Joseph Heacock, Wynote, Pa., has experienced the busiest October in the history of his place. Both his rose and palm houses are in the pink of condition, giving promise of a great winter season.

The Century Flower Shop is advertising its business by means of trolley cards. The public are invited to come and see their bargains in plants and flowers by a regulation sized card, which is embellished by a fern frond, or spray

much longer to tie a house, owing chiefly to the short pieces, that the extra time consumed more than counterbalances the saving in cost of material. Raffles is valuable for tying up palms and in many other ways where string might cut the leaves or tender shoots, but I do not like it for tying stakes on roses.

Dumont & Co. have completed their improvements at 1305 Filbert street. The store now presents a very attractive appearance, with a neat office on one side and show window on the other. This firm started in business a few years ago as the distributing medium for a number of Chester county carnation growers. They have now three times as many shippers, covering all lines of cut flowers.

The Germantown Horticultural Society's meeting on Monday evening was well attended, the members and their friends turning out in force to hear Henry F. Mitchell talk about "Bulls for Outdoor Planting." An interesting debate followed, many questions being asked the speaker, which proved of special interest.

PHIL.

dolence sent to the family of the late Peter F. Daly. A letter was read from the Kansas City flower show management to the effect that there was something doing out there, but "mum's the word." No doubt there will be many fine exhibits sent from this section. The general opinion is that the Kansas City people should be shown all that is best.

Under the head of new business Mr. O'Mara spoke in favor of holding another show in the Garden next year. He reviewed all the good work done by holding the great show. The chairman called upon each member present for his opinion, and the result was that every man present not only favored the holding of a show but also put his name down for various sums as a guarantee fund. In a few moments \$1,330 was subscribed among the following: Walter Sheridan, C. B. Weathered, John Young, W. A. Manda, L. Hafner, A. Herrington, also for Mr. McK. Twombly, P. O'Mara, A. L. Miller, H. Langjahr, John Cleary, G. Cook, W. Duckham, W. H. Siebrecht, Mr. Nash for Moore, Hentz & Nash, T. Lang, J. Nugent, Mr. Lencker, J. Morris, John Birnie, H. Bunyard, Fred Atkins, T. Roehrs; W. Schweinfurth, J. H. Troy, W. Elliott, Alex. Burns, F. Traendly, W. Plumb and a few whose names we missed, and the money was offered so quickly that we couldn't keep track of all, but it was in sums of from \$10 to \$100.

The officers of the club were empowered to make a contract similar to the one this year with the Madison Square Garden management to hold a show in the Garden next fall. The hall will be available on the 27th of October. The show will be from the 30th of October to the 6th of November. On motion of Mr. Troy the secretary was instructed to notify absent members of the work done by the poor members present. It was an exhibition night. We never saw the members so enthusiastic, and every man got up and gave full vent to his opinions. There is no doubt but that in the New York show next year the United States will have something to be proud of.

It would require several pages of this paper to record all the good things said. The schedule part came in for a thorough thrashing. Every scheme was advocated. Finally the new exhibition committee, consisting of Messrs. Herrington, W. A. Manda, Fred Atkins, J. H. Troy, W. H. Siebrecht, W. Plumb and C. W. Ward, were instructed to draft a new schedule and send it to all the members for suggestions, all of which it is hoped will be sifted and arranged for report at next meeting. It is hoped to have the adopted schedule for general distribution early in January. It was the general opinion that the next show should be more in the way of a trade exhibition; there is ample space for both a great trade and private gardeners' show. It was suggested to appoint a capable manager six months ahead that would insure a larger success. Suggestions and all forms of encouragement are in order now. The president will appoint a new committee of ways and means to attend to the mint.

H. Beaulieu showed a small plant of a new French red chrysanthemum named Mme. Plisson. The awards committee thought the dwarfness of the plant was merely cultural freakishness.

A letter was read from the ladies of the National Flower Distributing Guild thanking the club for the flowers sent to poor children from the recent show.



The Convention Hall, Kansas City, Mo., in which the coming Flower Show will be held.

of Asparagus plumosus, fastened on one side.

Robert Crawford, Jr., says that the season, very late in opening, is now a very busy one. His idea about chrysanthemums is that there is a good opening for a grower who will make a specialty of medium sized blooms for cut flowers, nicely done on single stems; such flowers as could be wholesaled profitably at 75 cents to \$1.25 per dozen. He thinks the large flowers are often beyond the reach of the ordinary buyer, who could and would buy the medium grades all through the season. Colored shades on the electric lights make Mr. Crawford's show window especially attractive when illuminated. A fine photograph of this store, taken for the Review a few years ago, appears in Scott's Manual.

H. Bayersdorfer & Co. have a wonderful collection of florists' supplies, an instructive object lesson of the growth of our business. Their store is well worth a visit.

A very successful grower said last season that raffia had displaced string for everything except for tying a bunch of flowers. His roses are all tied with raffia and even his stakes were tied to the wires with the same material. It was cheaper and just about as quickly done. I was much impressed—adopted it on my own place and strongly advocated its use in my column. After a thorough trial I am using string again—with me the raffia does not hold so well. After a few heavy syringings some of the stakes will slip along the wires, and it takes us so

NEW YORK.

Club Meeting.

There was quite a large attendance at the regular meeting of the Florists' Club, held on Monday night. Walter Sheridan presided. The exhibition committee gave a full report of the Madison Square Garden show, which stated that though the financial end was short the Garden management was most generous and wished the club would try again next year. The club members who had put up the guarantee fund were satisfied. The committee was thanked for all the hard work done; votes of thanks were also passed to the several committees, the press committee being especially eulogized for the splendid results of its endeavor.

The nominating committee placed the following names for the officers to be elected at the December meeting: For president, Arthur Herrington, W. H. Siebrecht and D. Y. Mellis; vice-president, J. V. Phillips, Frank McMahon, John Birnie; secretary, John Young, John B. Nugent. Mr. Nugent nominated Harry Bunyard to take his place; treasurer, Charles B. Weathered, H. Gibbons; trustees, John Donaldson, Alex. McConnell, H. Steinhoff, H. Hentz, Jr., L. Hafner and Paul Dailledouze. Members can vote for any other name not on this ticket. Some lively electioneering is anticipated.

Mr. Morris, for the committee on resolutions, read a copy of the letter of con-

Notes.

The New York bowling team and several coaches left on the 1 p. m. train for Philadelphia today to play the return match with the team of that city.

Business is on the up and down. We expect the great horse show here next week will enlighten things.

George Linsdale has opened a branch store at Thirty-fourth street and Lexington avenue.

James Carroll is back again at Thorley's. Says he couldn't stand the glare of the glass and brass down below.

J. I. D.

BOSTON.**Trade Conditions for Nov. 4, 9.**

A continuance of the previous week. The same old tears and groans, the same old drag and tussle on the part of the grower in most lines, and the same quiet satisfaction to the buyer as he hastens home with his purchase. I think there is as much business really being done as can be expected, but the plentiful supply of chrysanthemums especially, and of roses partly, deadens the appearance of things and keeps prices down. Carnations do not seem overplentiful and violets really became scarce toward the end of the week. Eaton keeps the call for cut lilies supplied, readily realizing \$1.50 per dozen. Chrysanthemums run from 25 cents to a possible \$5; red roses do not beat \$3 just now, with 2 or 3 cents each as a starting point, and pink and white ones cannot get beyond 10 cents, beginning at free gifts to the hospitals. Pinks 75 cents to \$4 per 100. Violets \$3 to 75 cents, with a quite possible upward tendency. Mignonette, candytuff and bouvardia at normal figures and paper whites beginning to come in, going out at \$3 per 100.

Weather still salubrious.

Chrysanthemum Show.

By all odds the grandest exhibition was that one open simply to those fortunate ones who received a printed invitation to see the chrysanthemums in bloom at the Waban Rose Conservatories at Natick. When Mr. E. M. Wood undertakes anything it is carried through to completion in all detail, consequently a special car was provided, which left Boston with two expectant smiles on nearly every seat, which were transferred by barges from the Wellesley station to the greenhouses.

The first glimpse of these houses is astonishing and the more they are examined the more your wonder grows. On the outside they resemble nothing so much as a huge fleet of war vessels at anchor. The same order and discipline throughout seem apparent, too. Each little detail of a smaller plant attains the dignity of a perfectly equipped department here, with forty men to man the ropes. Two hundred and twenty-five thousand feet of glass and a new house under way that will add 50,000 feet more.

Of course the 10,000 prize chrysanthemums only occupy a small portion of this vast extent, enormous though they be, most of the place being set to roses. There is also an extensive growth of *Asparagus plumosus nanus*. I question if such a display of chrysanthemums exists elsewhere. Most of them from six to eight feet tall, proportionately large in every way, of many different kinds and colors, they are a source of silent ad-

miration rather than of any kind of description. This remark will also apply more or less to the whole establishment, which is all in first-class shape for a winter's campaign.

The new roses, Liberty and Helen Gould, make a fine showing here, the former appearing 100 per cent better than last year at this time and looks as if it might pull steadily all winter.

The new cold storage plant came in for its full share of attention. The key of its action is that strong ammonia is forced under heavy pressure through a tiny valve-like pinhole, causing it to become vaporized into pipes running around the refrigerating room. This simple process utilizes a lot of heat, which is abstracted from the air in the room. Further on, running water removes this heat and the once more liquefied ammonia returns to the engine to be used over and over again. Three rooms are thus fitted, the apparatus working much more effectively and cheaply than was expected. As a little test the temperature of a room has been carried down to 13 degrees below zero.

Another barge ride supplemented by an electric trip and a magnificent dinner at the Woodland Park hotel completed the pleasant outing. The occasion was a bit marred by the present condition of Mr. Wood's health, but he attended the dinner and we were much pleased to see him looking so well. Many delicate compliments to him and his able assistant, Mr. Alex. Montgomery, were passed during the after-dinner remarks, and many sincere hopes were expressed for speedy return to robust health.

At Horticultural Hall.

I object to the interior of the new hall and refuse to be comforted! The exterior is massive, impressive, sublime and beautiful, but the interior is largely plain brickwork, and the space is all cut up by massive arched partitions, causing great waste of room, spoiling the effect of the floral and plant display and giving the appearance of a good county jail. "An armory," as one man called it; "A horrible thing," to quote from another; "A cold storage plant," are the words of a third. It resembles the sub-basement of the statehouse extension, which is built to sustain the colossal structure above it.

"Mine not to reason why;
Mine not to make reply;
Mine but to feebly try
To say 'Some one has blundered!'"

I sincerely believe the exhibition would make a better showing in the old brick building, and that this year's show is hardly up to the standard. The fruit show is excellent, especially that of pears and grapes. The vegetable department is quite fair, combining this exhibit with a former one, omitted because of the unfinished condition of the building. Points especially interesting were the fine exhibit of bays, palms and ferns from R. & J. Farquhar, which formed excellent backing for the high colors massed in front; the Timothy Eaton mums shown by E. N. Pierce & Sons, Messrs. M. A. Patten, Peter Fisher, and A. Roper's carnation exhibits; H. N. Eaton's lilies, William Miller & Son's violets, James Conley's chrysanthemums, John N. May's rose Mrs. Oliver Ames, which he purchased from Mr. R. Montgomery, and a new salvia, Maroon Prince, being introduced by W. A. Rawson; these names about covering the commercial growers represented among the exhibitors.

The orchid family was well represent-

ed, but I think not so well as on some former occasions. The main hall is so built that heavy teams may drive in to unload upon the floor, which is of sub-soil primeval, unranked to the extent that bowlders the size of hen's eggs attract the attention of your corns, and dry and dusty to the extent of hazing the atmosphere and tickling your bronchial tubes! And to think that the recognized representative of a flourishing paper should be told by the doorkeeper of such a place to "go away back, stand up and buy a ticket," in order to possess himself of such inconveniences! But he took the prescription "went back and got it filled." "We won't go there any more; 'way down to the jingo farm!"

At E. G. Pierce & Son's.

I took a snapshot trip to this place, more especially to get an idea of the probable length of the remainder of the chrysanthemum season. According to their houses, it is two-thirds over, and work is beginning on forcing lilies for Easter. But, of course, they have a huge supply yet coming in, even on that basis, including 400 of those magnificent Timothy Eatons and a fine house of Bonaffons.

Their houses are undergoing a fearful overhauling, which will result in much greater ease and less expense in management. The sixteen huge houses are now arranged eight upon a side of a low covered passage, and all connected by a tramway for facility in transporting the lilies and other heavy objects.

An Item.

One morning President Stickel, of the Park Street Market, rapped for order and read a paper which had been passed to him. It was as follows:

"In behalf of about fifty frequenters of this market, noted for their good looks and generosity, this presents to the market the veiled picture hanging on the post near the desk. It is one of the directors, deservedly noted for good nature and short stature, heavy good sense and light weight. Long may his banana plant flourish and long may we live to enjoy its shade."

Mr. E. Sutermeister, who had been deputized to bring up another man as the recipient of a joke, was naturally surprised, when the picture was unveiled, to find it was of himself, in a particularly characteristic attitude, standing under a banana plant some fifteen feet high, which was a feature of his own garden this summer. Some of the boys got hold of a small photo of his daughter and had a fine watercolor made from it, which Mr. Stickel accepted for the market in a neat little speech. And well he might, as it is a fine picture of one of the finest men in the business.

J. S. MANTER.

CHICAGO.**The Market.**

Stock continued overhauling until last Saturday, when with a rush all stock on hand was eaten up, and demand has so far continued brisk. There is now a shortage of pink roses, but still enough white to meet demands. The continued cool weather has improved the quality of all stock, and prices, especially of carnations, have also improved. There are enough Beauties to go around, but no excess supply. Both in supply and quality Beauties have been unusually good so far this season, but while buyers have

had rather better quality for their money there has been no lowering of prices. Good Beauties seem always in demand, no matter what happens to the rest of the list. There are still lots of weak tea roses, but on the whole the quality is much improved.

The demand for chrysanthemums seems very irregular. One day they are wanted and the next day not. A good share of the demand seems to be for blooms to make a show in the window. Immense numbers are sold, but the results are not so satisfactory as in preceding seasons.

Since Sunday sales of violets have wonderfully improved, and the season of demand for this flower seems to have opened at last. Prices are now \$1 to \$1.50 a dozen, as represented by the range in price. The demand for white violets is steadily increasing, as they are becoming more and more popular for use in wedding bouquets. Kennicott Bros. Co. are selling large numbers of them for this purpose.

White bouvardia is another flower popular for wedding bouquets. We note some of excellent quality at McKellar & Wintersen's, fine heads of bloom, with stems a foot long. This sells at \$3 to \$4 a hundred.

Adiantum and asparagus are scarce. Smilax rather in oversupply.

On the whole, the market is in a very satisfactory condition, with an excellent outlook ahead.

There promises to be a good supply for Thanksgiving day trade. Crops are coming on in good shape, with most of the growers, and many will cut late chrysanthemums for this holiday.

The Banquet.

There was a big turnout at the annual banquet of the Florists' Club at the Victoria Hotel last Thursday evening, many extra seats having to be provided at the last moment. The dinner was first class in every respect, and good fellowship reigned supreme.

When President Wintersen arose to clear the decks for the orators he received an ovation that lasted till the boys were tired out. He then introduced Mr. Edgar Sanders as the toastmaster of the evening, and that gentleman took a good, firm hold of the situation. He read a telegram from Director-General Taggart, of the Kansas City show, conveying kind wishes and fraternal regards, and called upon John Thorpe to speak for the Kansas City show. Uncle John told of the arrangements being made and quoted a few items from the premium list that showed the managers of the Kansas City show to be decidedly in earnest. Frank Carter then sang "Illinois," all joining in the chorus. G. L. Grant responded to the toast, "The Florists' Club," and the club quartette, composed of Messrs. McKellar, Wintersen, Kissell and Balluff, rendered a lively selection. James Gurney, of St. Louis, was received with three cheers and gave all a closer view of the beauties of nature. G. H. Pieser, Jr., sang a song on behalf of the wholesalers, in which the rest of the bunch was told to "go 'way back and sit down."

J. Austin Shaw, the Brooklyn Bard, read the Homeric poem that appears elsewhere in this issue, and which was received with much applause. J. D. Carmody explained about his weak kidneys and told several stories in his best vein. W. N. Rudd spoke regarding the exhibitions. Phil Hauswirth for the retailers, W. A. Kennedy for Milwaukee, John

Reardon and George Woodward for the private gardeners, Joseph Reeve for the employees and P. F. Bentley for the wholesalers. All the addresses were brief and were freely interspersed with songs by the quartette and Mr. Carter. It was a most enjoyable evening, and one of the most successful banquets ever given by the club. Those who stayed away missed a treat.

Visitors.

Among the visitors during flower show week were James Gurney, St. Louis; H. W. Bueklee and C. W. Johnson, Rockford, Ill.; Fred Breitmeyer, F. Holzgang and George A. Rackham, Detroit, Mich.; M. Heller, New Castle, Ind.; Aug. Swanson, St. Paul; J. A. Evans and Fred Lemon, Richmond, Ind.; G. F. Crabb, Henry Smith and Eli Cross, Grand Rapids, Mich.; W. A. Kennedy, C. C. Polworth, William Edlefsen, H. Hunkel, N. Zweifel and A. Klokner, Milwaukee; O. Sylvester, Oconomowoc, Wis.; James Souden, Minneapolis; S. S. Skidelsky, Philadelphia; Samuel Murray and C. C. Ripley, Kansas City; G. E. Hunt, Terre Haute, Ind.; J. D. Carmody, Evansville, Ind.; Mr. Bush, Denver; George A. Kuhl, Pekin, Ill.; W. H. Gullett, Lincoln, Ill.

Various Items.

On Thursday of show week a party of twenty or more visitors made a trip to Hinsdale to look over the mammoth establishment of Bassett & Washburn and were much pleased with what they saw.

Bowling.

In the series of three games rolled last Tuesday night the Growers won three from the Retailers and the Wholesalers three from the Miscellaneous. Following are the scores:

GROWERS.

	First.	Second.	Third.
F. Stollery.....	165	191	146
P. Matti.....	134	157	152
N. A. Schmitz.....	129	145	141
J. P. Sinner.....	115	146	163
G. Stollery.....	132	161	172
	722	810	774

RETAILERS.

P. J. Hauswirth.....	144	177	160
J. Hueber.....	185	145	126
E. Enders.....	109	129	126
E. Hauswirth.....	125	167	179
G. Amus.....	160	178	168
	715	727	759

WHOLESALEERS.

J. Foerster.....	163	154	210
C. Hughes.....	35	158	159
W. S. Hedford.....	189	159	149
Jno. Sterrett.....	162	145	151
E. Wintersen.....	149	142	183
	738	738	852

MISCELLANEOUS.

J. Lambros.....	162	169	192
M. Foerster.....	159	158	128
J. A. Shaw.....	123	112	122
J. Degan.....	179	111	163
C. W. Scott.....	124	151	151
C. Pruner.....	124	115	151
	747	636	684

Results to date:	Won.	Lost.
Growers.....	13	8
Wholesalers.....	12	11
Retailers.....	10	11
Miscellaneous.....	7	14

THE "YEAR OF OUR LORD," 1950.

[Read at the annual banquet of the Chicago Florists' Club.]

By J. AUSTIN SHAW.

"Should old acquaintance be forgot?"
I'm sure, with me, you answer "Never!"
True friendship, by true souls begot,
Lives on, forever and forever!

It's fifty years from now; Behold!
Another banquet hall is filled;
Our hot times, most of them, are cold!
Our merry, joyous laughter stilled!

We've had our day—our race is run;
Some of us have been good and thrifty!
Most of us had our share of fun,
And now it's 1950!

Let's have our "Mansions in the skies"
And bring us spiritual joy.
To hear new toasts, and their replies,
And list to what our children say!
What joy to see them once again,
'Tis heaven indeed! Our boys, God bless
them!
Grown to be splendid manly men,
Would that our spirits might address them.
But no! Our voices all are hushed;
And yet our presence they can feel.
Our bodies may have turned to dust,
But they can hear our mute appeal!

At Last! Cigars, and "feast of reason!"
Now then, "Lean out your souls, and list."
The lovely things they say of us,
I'm sure 'twill "make your eyeballs glisten!"

With "reminiscescence" the toast,
It's kind that we are surely in it.
A kindly word for every ghost
We'll surely hear, when they begin it!

The Toastmaster.

Well, gentlemen, fill up your glasses!
As yours are awfully tonight we'd like
To drink to dear old lads and lassies
Of other years, whose souls we greet!

One toast, alone, tonight we give:
One general honor we bestow!
So, here, to those who have died, yet live!
To those of fifty years ago!

The grandson of a noble sire
Will speak for us on this occasion,
And also, if you so desire,
Sing "Little Brown Jug," by your persuasion!

No need the orator's name to mention!
'Tis Sanders, Junior, Number 4,
So kindly give him your attention,
While he the glorious past explores!

Mr. Sanders, Jr. and the Oration.

Well, gentlemen, it is an honor great,
That I should turn o'er history's pages,
And speak of those to memory dear,
Whose names will shine through all the ages.

Would that Old Time his wings would fold,
And we, together, tonight we'd see
The dear, delightful "story old"
That weaves around these names a crown
of glory!

'Their's was an age of toil and fond devotion!
We'll have to try, ere they can sweep rose!
They made this land a garden from ocean
ocean!
An wildernesses bud and blossom, as the
rose!

With whom shall I begin? My grandsire?
Well, 'tis well!
For Edgar Sanders was a "household word!"
A hundred years ago his name to dwell,
And history says that Edgar was a "bird!"

When he "went home," Dame Nature loudly
cried;
For he, like Li Hung Chang, in "working
harness" died!
Again, from o'er the past I lift the curtain!
A "President" appears, 'tis "good John Bur-
ton!"

A man of sterling qualities and lots of "go!"
The one, I mean, put "on" at Buffalo,
'Tis "Bry" years since then, and records tell
He "filled the bill" and did his duty well!

Most of you—all of you—know of "Uncle
John."
His was a busy life; 'tis o'er and "more's
to come!"

They tell me there's a monument
Out west, upon a hill, in Kansas City!
I'm sure, for great skill and management,
It was begun
Sometime about the year of 1901.

Talk about oratory! Who in all these years,
Now covered by the past with shadows
Could move so readily to smiles and tears,
So potentially, as dear sweet Robert Craig?

But this night, brethren, I must not forget,
Must, in its memories largely be confined,
To our Chicago ancestors, and yet—
Where dwell such noblemen as E. G. Hill,
I have in mind!

This is a "billy" land, and mountains high,
With snowy crests, our raptured visions fill,
They point to flowery homes beyond the sky,
Where dwell such noblemen as E. G. Hill.

And I am sure we wouldn't if we could
Refuse to drink the health of E. M. Wood!
I'll guarantee, where'er his soul roposes,
E. M. is busy, propagating roses!



Broken Column.

No arid plains, no desert of Sahara!
 Could ere confine the soul of Pat O'Mara!
 He stood for honor and deceit be scorned,
 And "Floriculture" has his name adorned.

Those were the days of wondrous exhibitions!
 When landscape architecture was begot!
 This wouldn't be a "banquet" under no conditions,
 If we forgot the glorious name of Scott!

"Great Scott" lives on and on and must have
 lived since Time began!
 To have evoked the glory he created at the
 Pan-American!
 Other big "Expos" since have been begot-
 ten!
 But Scott and Gurney ne'er will be forgot-
 ten!

Posterity would surely think us negligent or
 queer
 If on a reminiscent night we failed to speak
 of Dress!
 And I am confident it would our ghostly
 friends embarrass
 Should we not drink "eternal life" to dear
 old Deacon Harris!

There's Beattie, too, and Esler, both up yonder
 where no hail,
 Nor heat, excessive, will their genial spirits
 quail!
 And where no boilers burst, nor hinges
 creak, on land or sea,
 I think I see the restless soul of J. D.
 Carmody.

I listen, and a voice floats down in accents
 we can feel!
 'Tis Adam Graham's; and it says, "I'm feelin'
 vera weel!"
 As here on Earth, so, in the skies' complete
 directory,
 There's one name takes up lots of room,
 And it leaves small space for you and me!
 It is a name indeed, 'tis pretty safe to con-
 jure with,
 I needn't speak of Elmer, but you've heard
 the name of "Smith."

"Enough!" methinks you say, and yet you will
 with me agree

The "wee sma hours" would surely pass, and
 I can plainly see,
 You this "wee time" well spent if all these
 glorious souls, and true!
 Could pass before us, as we stand, and all
 their lives review,
 Great galaxy of stars were they, we'll see
 their equals, never!
 They've well won immortality, their light will
 shine forever!

Now for a glance at our "own folks," and
 then my duty's done!
 For after all, 'tis here they live, and round
 our hearts entwine.
 No! I'll not listen, when you whisper, "John-
 ny get your gun."
 To say kind words, to think kind thoughts,
 This is the province mine!

Men who like Chadwick, Uihlein, Ryerson, de-
 voted wealth,
 And time and thought, and energy, and some-
 times risked their health,
 To further Horticulture's weal, and nobly, in
 the van,
 Joined Nature's beating heart to theirs, and
 on her mission ran!

I've seen checked up on Nature's page—a
 most important asset!
 For Nature owes so much to those grand
 Pioneers
 Who've made her reputation sweet, and there's
 the name of Basset!
 Which in the records, boldy writ, on many
 a page appears.

I see right opposite the name of Reinberg,
 "Beauties," "Beauties!"
 Well! That's a record proud to hold; they
 must have done their duties!
 And Vieter, too, and Fochmann and the
 Kenicotts and Stokely,
 All men of means and men of might; with
 hearts attuned to droilery!

I always have admired a man who bravely
 fights
 Life's battle, and never says "I can't!"
 A man who had the courage of his rights—
 There was one then! His name was Grant!

Through all the years, my constant lawn,
 Dame Nature, grass-er only has scattered favor,
 It must be a reward for "good behavior."
 For every blade of grass spells J. C. Vaughan!

There never was a tree, nor flower, nor bud,
 Would not spell out a name to memory dear!
 In leaf and fruit, Behold! 'Tis Willis Rudd!
 I pause, while o'er his Bier we drop a tear!

With eye of penetrating faith and vision calm—
 Which you, by being good, can also get, sir—
 Indelibly engraved by God, on every palm,
 I see the names of Wittbold, Kidwell, Bet-
 zler!

Afar: and hand in hand, on beds of flowers,
 A fleshy angel, and a lean one, sure!
 I see asleep amidst the heavenly bowers
 "The Two Johns," John R-varion and
 John Muir!

Ah, well! The good Lord knows our hearts!
 "Would take an age to tell of Hunt and
 Wilson and "Our Phil,"
 And all the rest—their names all shine
 On history's page! They always will!

Who could forget M'Adams and M'Kellar,
 And that big-hearted, noisy "Son of a Gun!"
 Whose voice still echoes loudly down the ages!
 You've heard of him; it was Ed. Winterson!

God bless them all; our fathers, uncles, aunts,
 The Deamads, Langes, the Amuses and
 Kansts!
 The Degnans and the Wienhoelers, the Buett-
 ners and the Millers,
 The Krettings and the Andersons, the Hobbs
 and the Himers!
 And all the rest; not one do we forget! Not
 one.
 They are immortal and beyond the sun,
 And stars, they shine resplendent, but they
 come
 And visit us on nights like this, "Tis "Home,
 "Sweet Home" to them, old memories to
 renew!
 I plainly feel their gentle touch, don't you?

Dear hands, dear hearts, of the dear "long
 ago!"
 Small wonder is it, they can thrill us so!

O, Spirits of those happy days,
 Those days of fifty years ago!
 All Hail! Farewell! Adieu! Adieu!
 We drink to you, before you go!

For "Auld acquaintance," ne'er will be forgot
 Each day, for aye, we'll bring it off to
 mind—
 Acquaintance sweet of gentle love begot!
 Dear, helpful, happy days, of "Auld Lang
 Syne!"

BROKEN COLUMN.

The accompanying engraving is from a photograph of a broken column arranged by Mrs. E. Suder, Toledo, O., and sent to the funeral of the late President McKinley by the city of Toledo.

The shaft was seven feet high and the base 30 by 48 inches. In the design there were used about 5,000 carnations, 3,000 asters and several hundred roses, etc. The subject is certainly well handled. The local daily press gave the design very high praise.

ST. LOUIS.

Club Meeting.

The November meeting of the St. Louis Florists' Club was held last Thursday afternoon at the regular place of meeting. The attendance was good and the proceedings very interesting.

The report of the exhibition committee was heard and Chairman Meinhardt asked all members to help all they could and try to make the show a success. The committee will have everything in good shape for receiving and caring for the exhibits. A full report of our show will appear in the next issue of the REVIEW.

Mr. P. T. Barnes and A. G. Grenier were elected to membership. Mr. G. E. McClure, late of Buffalo, and now at the Missouri Botanical Garden, made application for membership.

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TELEPHONE.Open 7:00 a. m.
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A FRESH IMPORTATION from a celebrated maker whose spawn has given our large dealers the most satisfactory results. A Trial Order will convince you of its superior qualities and great productiveness, and that there is none better obtainable. Per brick (about 1 1/2 lbs.). One by mail 25c; 25 lbs. \$1.50; 100 lbs. \$6.00; 1000 lbs. \$55.00 (250 lbs. sold at 1000 lb. rate. SPECIAL PRICES ON 5000 lbs. and over.)

How to Grow Mushrooms: by Falconer, price \$1.00, a valuable book that should be in the possession of every mushroom grower.

JOHNSON & STOKES, 217 219 Market St., Philadelphia, Pa.

Mr. F. M. Ellis, who has charge of the collecting of the World's Fair assessments, reports very little progress and says that the amount must be paid at the next regular meeting of the club and all who have not yet paid their share should do so at once. Either the secretary or treasurer of the club, or Mr. Ellis, will receive the money.

At the next meeting of the club Mr. E. W. Guy will read an essay on "Profitable Selection and Forcing of Bulbs," and Emil Schray will at the same meeting tell us how to grow "Chrysanthemums from a Commercial Standpoint."

Mr. McClure of the Missouri Botanical Garden was present and read an essay on "The History of the Chrysanthemum." Mr. McClure went into every detail of the development of the chrysanthemum. The paper was very interesting, especially at this time of the year when the "mum" is in its glory. Mr. McClure is a very bright young man from the William Scott school and will make a very valuable member.

A number of questions in the book brought out quite a discussion and the meeting lasted until 5:30 p. m. The next meeting of the club will be held the third Thursday in December and by that time the exhibition committee will be able to make a final report of the show.

The Market.

Trade has been somewhat better the past week; stock not quite so plentiful, though enough coming in to supply the demand. First-class chrysanthemums are selling fairly well, but poor stock, which is in great abundance, is hard to sell at any price. A great many growers claim that they are all cut out of their first-class stock and have very little left for the show, which they say is a week late.

In roses no variety is scarce. Choice stock brings from \$4 to 100, while seconds sell as low as \$1 per 100. The stock of Brides and Maids is very fine; also Meteors and Gates, while Perles and Woottons are not far behind them. All are selling better than last week.

Carnations are in excellent demand and stock not overplentiful; all are of good color and are fairly long-stemmed. Some very fine Daybreak, Scott, Bradt

and Flora Hill are seen. Henry Aue's new St. Louis is still the top-notch among the whites at \$2.50 per 100. Violets are looking well. Good Californias bring 50 cents and prices range from that down to 10 cents for southern stock. Smilax is in the market in good shape and fine long strings are \$12.50 per 100.

Mr. W. A. Chalfant, of Springfield, Mo., was in town the past week. Mr. Chalfant has always been an exhibitor at our show, but claims to be all cut out this year, having only a few Weddings left, which he will send to the show.

World's Fair.

At Forest Park the work on the site of the World's Fair is progressing nicely. Mr. D. I. Bushnell, Jr., son of D. I. Bushnell, the seedsman, who is known as the archeologist on the grounds, is in charge of a lot of workmen who are opening the Indian mounds.

Mr. George Beistein of the Pan-American at Buffalo was a visitor last week and a guest of Director of Works Taylor.

President Francis says there will be no postponement of the Fair and claims that the St. Louis World's Fair will open promptly in May, 1903.

Bowling.

The Florists' team rolled three games with the strong Exchange team, and succeeded in landing the first game, which proved to be the highest single game rolled this season by any league team. The last two games were lost by over-confidence. The scores were:

Florists.	B. E.	1	2	3	Tot.	Av.
J. J. Breeze	7	187	169	123	479	159 2/3
C. A. Kuehn	1	6	167	166	339	113 1/3
Wm. Adels	4	6	174	121	295	74 1/2
John Stutz	1	3	215	176	394	131 1/3
A. Y. Ellison	6	5	205	150	314	78 1/2
R. P. Tesson	9	2	...	...	165	165 3/5
	15	32	948	782	2472	164 12/15
B. E.	1	2	3	3	Tot.	Av.
Exchange	16	22	835	889	5819	174 9/15

MONTREAL, CAN.—The 8-year old grandson of J. S. Murray, the veteran florist, was brutally murdered by a man named Hansen the night of Oct. 26, the lad having refused to give up a few pennies he had in his pocket.

MOUNTAINVILLE, W. VA.—G. W. Mullen is building a new rose house.

GEORGE M. MOSS, Wholesale Florist,

32 So. 17th St., PHILADELPHIA.

Chrysanthemums, Beauties, Brides, Maids and Valley. Shipping Orders Promptly Executed. Mention The Review when you write.

EDWARD REID WHOLESALE FLORIST.

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WHOLESALE FLORISTS, Pittsburg, Pa. Mention The Review when you write.

DAGGER FERNS 75c per 1000.

Green or Bronze Galax, 75c per 1000, in 5000 lots. Laurel Festooning, 4c, 5c and 6c per yard.

All goods picked and shipped fresh every day so you are sure to have fresh stock and the best to be had.

Special attention given to Laurel orders for decorating. Try us and we will please you.



Mention The Review when you write.

Asparagus Plumosus

Nanus, 4 inch, \$8.00 per 100.

CINERARIAS, extra fine stocky plants. 1 1/2" prize strain, 2-inch, \$2.00 per 100; 3/4" for \$3.00. 5-in., \$3.00 per 100; 100 for \$19.00. Cash with order.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N. Y. Mention The Review when you write.

GREEN
HOLLY
MISTLETOE
WREATHING

HOLLY
WREATHS

WINTER
BERRIES

GALAX LEAVES

LEUCOTHOE
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WILD SMILAX

CALIFORNIA
PEPPER

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IMMORTELLES

MOSS WREATHS
Etc., Etc.

Decorative Greens

OF ALL KINDS.

We are prepared to furnish this season the very choicest stock of **Eastern Holly** and select **Northern Green** in all qualities at the lowest market rates. We will also have in stock all other greens and decorative materials which we will gladly tell you about and quote you prices if you will only ask us.

E. H. HULL,

Cut Flowers. Wholesale. Seeds and Bulbs.

76-78 Wabash Ave., CHICAGO, ILL.

Our representative has been in Wisconsin and closed our Green contracts, and we have a man in the East superintending picking and packing our Holly.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—First-class gardener; for carnations; to take charge; near Chicago; references. Address A. T., care Florists' Review.

WANTED—Good assistant for store in far west city; must be competent and well recommended. Address with references, and stating salary required. Montana, care Florists' Review.

WANTED—Man for general greenhouse work; steady employment to right man; state wages expressed with and without board; must be sober and agreeable. Address Box 963, Warsaw, N. Y.

FOR SALE—Two hot-water heaters. M. & S. L. Dysinger, Albion, Mich.

FOR SALE—Well stocked greenhouse, containing 4000 feet of glass, and new dwelling with six rooms and summer kitchen, for only \$2,000. in Indiana. Address W. G. H., care Florists' Review.

FOR SALE—Hot-water heater; will heat 2000 square ft. of glass; is in first-class condition; price, \$20.00 complete, on cars here. Address Geo. Staflinger, Springville, N. Y.

SITUATION WANTED—By young man, as assistant in rose or carnation house; some experience, plenty of energy; in Pennsylvania preferred. Address S. W., care Florists' Review.

SITUATION WANTED—By a first-class all-around man, to take charge of a commercial place where good stuff is wanted; four years in one place. Address O. T., care Florists' Review.

SITUATION WANTED—To take charge of a commercial place; wholesale or retail; fourteen years experience; good grower of roses, carnations, etc.; strictly sober; age 33; single; Southern Indiana, Kentucky or Illinois preferred. Address Reliable, care Florists' Review.

WANTED—An expert decorator and experienced store man. J. M. Gasser Co., Euclid ave., Cleveland, O.

FOR SALE—Some extra good second hand 3-in. pipe at 66 per foot; also some 4-in. guaranteed sound. W. H. Salter, Rochester, N. Y.

FOR SALE—Ten acres and two large greenhouses. A snip. Poor health. Write W. A. Thomas, Alma, Mich.

WANTED—A single, honest, sober florist; one not afraid of work, and who can grow good general stock; state wages expected with room. Address W., care Florists' Review.

FOR SALE—Cheap for cash; a well established florist business in a good southern Illinois town; contents and trade, contained in three houses. For full particulars address A. K., care Florists' Review.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining houses free of charge. Address 25, care Florists' Review.

FOR SALE—At a great bargain. Fine greenhouse plant with an established business. Wholesale and retail. 12 houses. Good stock on hand. Near Chicago. For particulars address Illinois, care of Florists' Review.

Traveller Wanted!

A first-class man to succeed Walter Mott. Give full particulars to HENRY A. DREER, Philadelphia, Pa.

WANTED!

Two boys who have worked in the cut flower business. Inquire KENNICOTT BROS. CO. 42 and 44 E. Randolph Street, CHICAGO.

FOR SALE—An old established florist business, centrally located in a thriving Western New York city of 12,000 inhabitants; the only florist in the city; 3,000 square feet of glass and store all in perfect condition; natural gas fuel with moderate rates; or will take partner with some experience; \$2,500 more required; best of reasons given; for full particulars, address G. H., care of Florists' Review.

WANTED!

Experienced traveling salesman for well-known florists' supply house. One with knowledge of the business and with trade only need apply. State full particulars. Address O., care Florists' Review.

FOR SALE. AT ONE-QUARTER VALUE, AT GETTYSBURG, PA. Two greenhouses, 30x18 ft. each, with potting house and office; partly stocked with ferns, begonias, cyclamen, chrysanthemums, etc. Houses cost \$1,200; ground, \$300. Only place in county of 40,000 population, on main street between a large college and seminary. Good battle-field trade. Can sell three times more than you can grow in plants and cut flowers. Price, with pots, wire work, stock and good will, Four Hundred Dollars. Speak before cold weather. Firm man steam boiler used. Address D. & STOVER, 611 N. Calvert St., Baltimore, Md.

FOR SALE!

A beautiful home of 20 acres, consisting of 10 acres of peaches, oranges and olives, and 10 acres of grain. Fine house, barn, tank and windmill. A five driveway lined with palms 20 feet high, also beds of 25 varieties of cacti. Fancy shrubs and shade trees. One of the finest places in California. Cost the owner \$11,000. It has been kept up by a hired gardener. Is situated 1 1/2 miles from two cities, and a neighbor will pay \$500 a year rent for same if buyer does not care to live on same. Price, \$6,000. Call cash. Title clear. Address

SPALFORD, care Florists' Review.



A. L. RANDALL

4 Wholesale Florist.

Washington St., CHICAGO.....

THANKSGIVING is now approaching, and all orders should be sent as far in advance as possible to secure the best selection. Shall be well supplied with Mums of all qualities, varieties and shades. Violets are all Marie Louise and simply superb. Roses and Carnations never were of better quality. Among Carnations we have Morning Glory, Bradt, Crane, America, Mary Wood, Marquis, etc. Write for price list and special quotations on large quantities.

A. L. RANDALL, 4 Washington St., Chicago.

HARDY SHRUBS.

By THOS. COCKBURN.

(Read before the Tarrytown (N. Y.) Hort. Society, Sept. 26.)

Our subject for discussion tonight is one upon which I am sure all can have something to say, therefore I can afford to be brief in my remarks.

Their cultivation and care require neither hot house or shelter from garden walls, but often afford shelter to the petted inmates of these. It is not my intention to go over a list of the different species and their varieties, trying to show the merits of some and the demerits of others; all are useful and beautiful in some way. What does not do well on the hill tops may do well in the valley, what is not adapted to the sunshine will do well in the shade, or in different soils and situations.

To give a list of varieties suitable for all purposes would be too much for me to undertake; a careful perusal of some reliable nurseryman's catalogue will give you more information than I can.

As to the raising and propagating of the different species, whether from seeds, budding, cutting or grafting, I have little to say. This is an age of specialists, and these belong to the nursery department. My advice to gardeners and amateurs is, unless you have time to kill as an amusement, let it alone.

But in buying from the nurseries. Knowing what your requirements are, if seedlings will fill the bill they are first choice, next in order are cuttings, if the perpetuating of some specialty is wanted, then budded or grafted stock is often a necessary choice. The great objection to the latter method is the throwing up of

suckers from the stock and the general neglect of shrubs soon leaves them in a condition that allows no remedy but to throw them out. And very often stock and scion are badly matched; for example the imported lilacs are very often grafted on a common privet; they never make a perfect union and are short lived.

Most shrubs are not particular as to soil and will often thrive under very unfavorable conditions, yet it always pays to work right, and a little time and care will be well repaid in the future results. Certainly such plants as rhododendrons, azaleas, and plants of that order, as a rule require a prepared soil and nothing is better than good loam and leaf mould for them. Some lay great stress on a shady situation for them; the shade part can be well dispensed with, but get a damp situation if possible; where such conditions do not exist naturally have the beds or borders rather lower than the surrounding ground; mulching and watering are often necessary, as more plants of this kind are lost by drought than are killed by severe winters.

In selecting sites for groups or borders always bear in mind that you are planting for some purpose and not merely to fill space. There are some rules laid down for guidance in this matter, but they are like rules laid down for training a mule, they cannot be applied when wanted. Different surroundings of natural scenery or otherwise have all to be taken into consideration when planting to obtain desired effects. Have a bed prepared to plant and don't try to have a bed of shrubs and a lawn on the same spot.

Don't plant a conglomeration of differ-

ent kinds in the same bed; try to keep one species, otherwise in a few years it is a case of the survival of the strongest.

It seems to be the general practice of the day to plant for immediate effect. This effect consists of planting four bushes where one should be, and if the effect is immediate the defects soon follow and are surely lasting. It may be permissible to plant double the quantity required with a view to thinning out as they grow, but even this is not to be advocated too much; it is better to plant right at first and allow each plant room for natural development.

It is desirable at this time to buy a quantity of small shrubs and have a sort of home nursery. These are convenient when a blank occurs, and by getting a few of the novelties each year one can keep up to the times and the outlay is trifling.

The operation of pruning is one for which no hard and fast rules can be laid down; certainly the annual grooming with the hedge shears is a practice that none can recommend, yet a good many practice it because we can send any one to shear them back to the old growth, but for correct pruning some knowledge of the different shrubs is required, and winter pruning is not all that is necessary; a great many are better pruned just after their period of flowering is past. Weigelas and most of the spiraeas are greatly benefited by this pruning.

The so-called Italian garden has obtained a footing in some parts. From what I have seen of them in Scotland I never did admire them, but what one sees here are the most horrible caricatures imaginable. Let us be thankful they are not called American gardens.

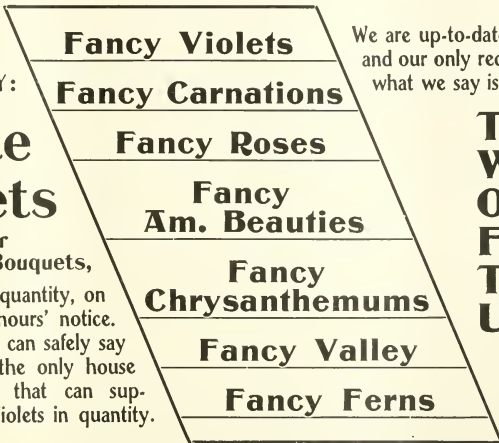
IMPORTANT ANNOUNCEMENT!

A short time ago the K. Bros. Co. made an announcement that its season's arrangements were complete, which we now repeat, and herein again say that for filling orders with up-to-date stock we have few if ANY EQUALS.

SPECIALTY:

White Violets

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Wedding Bouquets,
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twenty-four hours' notice.
We think we can safely say
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White Violets in quantity.



We are up-to-date all the time
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what we say is

That When Others Fail, Try Us.



Nov. 14, 1901.

CURRENT CUT FLOWER PRICE LIST.

Nov. 14, 1901.

BEAUTIES. 24-inch and over will be charged accordingly.

Prices subject to change without notice.

20-inch stems	per doz., \$1.75 to \$2.00
15-inch stems	" 1.00 to 1.25
12-inch stems	" .60 to .75
Short.....	per 100, 4.00 to 5.00
Bridesmaids.....	" 3.00 to 4.00
Meteors.....	" 3.00 to 5.00
Perles.....	" 2.50 to 4.00
Carnations	" 1.00 to 1.50
Carnations, fancy	" 2.00 to 2.50
Chrysanthemums	" 12.00 to 20.00

Violets	per 100, \$1.25 to \$1.50
Valley	" 3.00 to 4.00
Asparagus	per string, .60 to .75
Adiantum	per 100, 1.25
Smilax	per doz, 1.25 to 1.75
Galax, green, per 1000, \$1.00	per 100, .20
Galax, bronze, " 1.50	" .20
Ferns, " 1.50	" .20
Asparagus Sprengeri and Aspara- gus Plumosus Sprays	" 2.00 to 3.00

Carnation Cuttings. The Mrs. E. A. Nelson will be ready for distribution February 1, 1902. Orders will be filled strictly in rotation, on the principle of first come, first served. Prices: 12, \$2.50; 25, \$3.50; 50, \$6.00; 100, \$10.00; 1000, \$80.00. 250 go at 1000 rate.

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Thanksgiving orders booked now. Write for special prices

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in the following items it is evident that we can serve you better than those handling general lines of all kinds of stock.

American Beauties. We have planted 50,000 plants in new houses built especially to grow Beauties.

Brides, Bridesmaids, Liberty, Meteors, Perles, Kaiserin, Marquise Litta, Carnots, 100,000 plants and they are fine. We have disbudded them right along and shall have an extra choice lot of flowers.

Fancy Carnations, Mrs. Lawson, Prosperity, Lorna, Norway, Marquis, Morning Glory, Crane, America, White Cloud, Gold Nugget, Joost and Hill, 75,000 plants. This is the finest stock of all fancies in this country.

Chrysanthemums, 25,000 grown to single stems, all the best commercial varieties.

Easter Lilies, 30,000 extra select fine bulbs. We shall have Lilies by Nov. 15th, and then steadily on till June.

Greens. We have 6,000 Asparagus Plumosus, 6,000 Sprengerii, 12,000 Smilax and three houses of Maiden Hair Ferns.

In addition to the above we grow an immense quantity of Tulips, Daffodills, Paper Whites, Dutch Hyacinths and various bulbs.

BUY YOUR FLOWERS direct from the grower and thereby get better and fresher stock and save the rehandling charges of the middlemen.

**Timothy Eaton Stock Plants, \$10.00 per hundred
\$1.50 per dozen. Finest large White Mum grown**

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Mention The Review when you write.

CHRYSANTHEMUM SOCIETY OF AMERICA.

During November the dates for committees to examine seedlings and sports are Nov. 2, 9, 16, 23 and 30. Following are the committees:

Boston, Mass.—A. H. Fewkes, chairman, care John Welsh, manager Boston Flower Market, Park street; E. A. Wood, J. H. Wheeler.

New York, N. Y.—E. Dailledouze, chairman, care New York Cut Flower Co., 26th street and 6th avenue; James W. Withers, C. Albert Small.

Philadelphia, Pa.—A. B. Cartledge, chairman, 1514 Chestnut street; Wm. K. Harris, John Westcott.

Chicago, Ill.—James S. Wilson, chairman, care J. B. Deamud, 51 Wabash avenue; Geo. Stollery, E. Weinboer.

Cincinnati, O.—Albert Sunderbruch, chairman, care Cincinnati Cut Flower Co., 416 Walnut street; James Allen, E. G. Gillett.

Exhibits to receive attention from the committees must in all cases be prepaid to destination, and the entry fee of \$2 should be forwarded to the secretary not later than Tuesday of the week preceding examination.

Anyone having a variety in season before or after dates fixed can have the same passed upon by specially notifying the chairman of committees.

EDWIN LONSDALE, Secretary.

Wyndmoor, Chestnut Hill, Pa.

SOLD LOTS OF PLANTS.

Please stop my adv. I have done well through your paper. Sold lots of violet plants. Thanks.—A. B. CAMPBELL, Cochranville, Pa.

MY NEIGHBOR'S GARDEN.

"There a world of satisfaction
In the garden 'cross the street,
For its leaves are always lovely
And its blossoms pure and sweet.

The soil is rich and mellow,
And the drainage is just right,
Not a weed is ever found there,
Not a worm the buds to blight.

'Tis surrounded by the noises
Of the city's din and strife,
And it makes a spot of sunshine
In its owner's busy life.

She's a woman and she loves it
As a hungry heart best can,
Though it's but a red granthum
In an old tomato can."
—Miss Maud Miller in *Columbus (O.) Journal*.

ST. JOSEPH, Mo.—The winter meeting of the Missouri State Horticultural Society will be held in this city December 3 to 5. The sessions will be held in the Odd Fellows' Auditorium, Seventh and Charles streets.

OBSERVATION CAFE CARS.

The Wabash road has placed in service on its fast day trains between Chicago and St. Louis very handsome new observation library cars. Meals are served a la carte. Train leaves Chicago at 11:03 a. m., daily and arrives St. Louis 6:42 p. m. Ticket office, 97 Adams street, Chicago.

QUALITY TELLS--PRICE SELLS.

Asparagus Spre., 2-inch \$1.25 per 100
Daisies White Marg., 2-inch 2.00
Alternanthera, red, noted40
If you want Geraniums write us.

E. L. RAWLINGS, QUAKERTOWN, PA.
Mention The Review when you write.

Last Call!

PRICES REDUCED!

✓✓SPEAK QUICK if you want any of the following:

SHAMROCK

(True Irish) Trifolium Minus. Nice strong plants in 2½-inch pots, **\$2.50** per 100.

VERBENAS

Fall propagation. Cream of the Mammoth Varieties, including BEAUTY OF OXFORD, choice stock in 2½-in. pots, **\$2.50** per 100.

S. MUIR, 3530 Michigan Avenue, CHICAGO.

Mention The Review when you write.

PANSIES,

\$3.00 per 1000; 50¢ per 100.

Asparagus Sprenger, 2-in. pots, \$1.50 per 1000
Sprenger Seed, \$2.00 per 1000;
50¢ per 100.
Geraniums, 16 varieties, 2-in. pots, \$3.00 per 100
—CASH—

JOS. H. CUNNINGHAM, - DELAWARE, OHIO.

Mention The Review when you write.

Chrysanthemum Stock Plants

Strong clean selected stock. Col. D. Appleton, 15c to 25c each. Maj. Bonnaffon, Mrs. Perrin, Pink Ivory, V. Morel, W. H. Chadwick, 12c each, \$1.00 per dozen. Glory of Pacific, Ivory, Moses, Mrs. J. Jones, Merry Xmas, 10c each, 75¢ per doz. No order filled for less than \$1.00. Please remit by P. O. or Express Money Order.

JOHN CURWEN, Jr., Florist,
GLEN HEAD, L. I. - Nassau Co., N. Y.
Mention The Review when you write.

A SPECIAL DEPARTMENT

FLORISTS in any part of the country having retail orders to be delivered at Steamers, Hotels, Theatres or elsewhere in the Metropolis, can have them attended to in the most approved methods of the leading retail establishments of New York City.

A complete retail department has been fitted up for this work, with every accessory that taste and refinement can suggest, and employes who are qualified by experience and ability to carry out all instructions faithfully. Our flowers of Violets, Chrysanthemums, etc., won very highest awards at Madison Square Garden, New York; Poughkeepsie, and other important exhibitions. Growers of fine flowers can be assured of satisfaction.

We have the largest and best equipped wholesale house in the Metropolis.

For full particulars address

(Endorsed by Ivera)

THOS. YOUNG, JR.

41 and 43 W. Twenty-Eighth St.

NEW YORK CITY.

PETER REINBERG

51 Wabash Ave.
CHICAGO.

THE LARGEST GROWER

...OF...

Cut Flowers

IN AMERICA.

GREENHOUSES:

SUMMERDALE, ILL., 800,000 feet of glass.

Reinberg & Weiland, New Castle, Ind., 100,000 feet of glass.

PRICE LIST.

	Per Doz.
Beauties, extra long stems.....	\$4.00
" 36-inch stems.....	3.00
" 30-inch stems.....	2.50
" 24-inch stems.....	2.00
" 20-inch stems.....	1.50
" 15-inch stems.....	1.25
" 12-inch stems.....	1.00
" short stems, 100, \$4 to \$6	
Liberty, extra long stems,	
per doz.....	\$2.00
	Per 100
Liberty, medium stems.....	\$8 to \$10
" short stems.....	4 to 6
Mme. Chatenay.....	6 to 10
Sunrise.....	4 to 8
Golden Gate.....	4 to 8
Kaiserin.....	4 to 8
Bride.....	3 to 5
Bridesmaid.....	3 to 5
Meteor.....	3 to 5
Perle.....	2 to 4
Carnations, fancy.....	2
" good.....	\$1.00 to \$1.50

A DREAM.

I had a dream recently. I dreamed that next August had arrived and that the opening session of the annual convention was being held upon a mountain peak. Our vice-president was delivering a most cordial address of welcome, with the delegates encircling him, each one holding in his right hand a straw with which he tickled the nearest footlet that dangled from the clouds overhead, and in his left hand a huge section of water-melon, while around all revolved a string of plantation darkies in a jivous dance.

It was all very lovely, and I was enjoying myself immensely until my neighbor told me that when we got tired of tickling the angels' feet we would be privileged to tickle our throats with some "mountain dew" that had been "buried out befo' de wah." He pointed out the place where it would be dispensed, but I never reached it, for in my haste I fell over a rocky piece of landscape—and awoke.

I have been thirsty ever since.

M. C. R.

NEW BOOKS.

FRUIT HARVESTING, STORING, MARKETING.—A practical guide to the picking, sorting, packing, storing, shipping and marketing of fruit. By F. A. Waugh, cloth, 250 pp, amply illustrated. Orange Judd Company, New York. Price, post-paid, \$1.

CAN'T GET ALONG WITHOUT IT.

It would be impossible for me to get along without the REVIEW.—H. GLENN FLEMING, Fairmount, W. Va.

Field-Grown ROSES

\$1.00 per doz. 50 varieties. 1 to 3 ft.
Crimson Ramblers 4 ft. and over, \$8 per 100;
2 ft. and below, \$5 per 100.

Address
W. M. K. NELSON, Augusta, Ga.

Mention The Review when you write.

CINERARIAS.

Magnificent strain. Took First Prize at London Horticultural Show. Transplanted, large, ready for potting, \$1.50 per 100, 400 for \$5.00; 2½-in., \$2.00 per 100, 300 for \$5.00; 3-in., \$3.00 per 100, 400 for \$10. Cyclamen Pericum Gigantum, in bud and bloom: 3-in., \$5.00 per 100, \$40.00 per 1000; 4-in., \$8.00 per 100, \$70.00 per 1000. Azalea Indica just arrived; leading sorts, \$30.00 per 100.

WILLITON & SONS.

Wholesale Florists. City and Green Sts., UTICA, N. Y.

Mention The Review when you write.

Sphagnum Moss.

A very select article, 75¢ per bale.
Ten bales, \$5.50. Buy from first hands.
Write for price on car lots.

GEO. W. LYONS, Babcock, Wis.

Mention The Review when you write.

SPEND THANKSGIVING IN ST. LOUIS.

Fare, \$5 for the Round Trip.

The Wabash will sell Thanksgiving excursion tickets from Chicago to St. Louis and return at \$5 for the round trip, good going on all trains of November 27. Three handsome daily trains. A postal card will secure particulars. Ticket office, 97 Adams street, Chicago.

COL. APPLETON CHRYSANTHEMUM.

Strong stock plants, 6 for \$1.00; \$1.50 per dozen; 25 or more 10¢ each. Terms cash with order. No order filled for less than one dollar.

Strong Rooted Cuttings of Eaton, Nellie Pockett, Mrs. E. D. Smith, in due season.

W. A. CHALFANT, Springfield, Mo.

Mention The Review when you write.

....6000....

MAIDS and BRIDES

3½-in., \$3.00, 3-in., \$2.70, 2½-in., \$1.50 per 100. They are in perfect health and worth double these prices. The 3 and 3½-inch are very choice. Speak quick. (N. B.—Maids in all sizes No 3-in. Brides.)

W. H. GULLETT & SONS, - Lincoln, Ill.

Mention The Review when you write.

SPeAK QUICK—MUST GO!

50,000 Cannas low for 30 days to reduce stock. 1000 Boston Ferns, 3 and 4-in., low AT ONCE. Asp Sprengeri, 4 and 3½-in. Sprengeri, 6, 4 and 3-in., low. 5000 Vinea Major Var., field long tops \$5.00 per 100. Princess Wales and Swanley White Violet Champs. \$3.00 and \$5.00 per 100 TO CLOSE. What do you want? Cash please.

Benjamin Connell, Florist, West Grove, Pa.

CINERARIAS.

1000 2-inch pots..... at \$2.00 per 100. Cash.
JOS. H. CUNNINGHAM, DELAWARE, O.
Mention The Review when you write.

Dreer's Specialties for November.

Our Stock has never been in better shape than at the present time

PALMS

Sizes and Varieties enumerated below are of special good value.

ARECA LUTESCENS.

3-inch pots, 2 plants in a pot	12 inches high.....	Per Doz. \$ 25	Per 100 \$ 10.00
4-inch pots, 3 "	12 to 15 "	3.00	25.00
6-inch pots, 3 "	24 to 28 "	12.00	100.00
8-inch pots, 3 "	30 to 36 "	30.00	

COCOS WEDDELIANA.

3-inch pots, 8 to 12 inches high.....	2.50	30.00
---------------------------------------	------	-------

KENTIA FORSTERIANA.

	Each Per Doz.	Per 100
3-inch pots, 4 to 5 leaves, 12 inches high.....	\$2.50	\$20.00
4-inch pots, 5 "	1.50	35.00
6-inch pots, 6 "	28 to 30 "	\$1.25 15.00
6-inch pots, 6 "	30 to 36 "	1.50 18.00
7-inch pots, 6 to 7 "	30 to 36 "	2.00 24.00
8-inch pots, 6 to 7 "	42 to 48 "	3.50
9-inch pots, 7 "	48 "	7.50

KENTIA BELMOREANA.

	Each Per Doz.	Per 100
3-inch pots, 4 to 5 leaves, 10 to 12 inches high.....	\$ 3.00	\$25.00
4-inch pots, 5 to 6 "	15 "	4.50 35.00
6-inch pots, 5 to 6 "	20 to 24 "	\$1.00 12.00
6-inch pots, 6 to 7 "	24 to 28 "	1.50 18.00
7-inch pots, 6 to 7 "	28 to 30 "	2.00 24.00
7-inch pots, 6 to 7 "	30 to 36 "	2.50 30.00

KENTIA BELMOREANA. Made-up Plants.

9-inch pots, 4 plants in a pot, 3 to 3½ feet high	Each	Per Doz.
A fine lot of plants of good value.....	\$1.00	\$48.00

LATANIA BORBONICA.

6-inch pots, 5 to 6 leaves, 15 to 18 inches high, per doz... \$6.00; per 100, \$50.00

PHOENIX CANARIENSIS.

A fine lot of luscious plants of this hardy decorative palm.

7-inch pots, 26 to 28 inches high.....	Each	\$1.75
8-inch pots, 28 to 30 inches high.....	"	2.00
8-inch pots, 30 to 36 inches high.....	"	2.50
14-inch tubs, 48 to 54 inches high.....	"	7.50

PANDANUS VEITCHII.

Fine 6-inch pots..... Each \$1.00

PANDANUS UTILIS.

Fine 6-inch pots..... Each \$.60

BAY TREES. (Laurus Nobilis.)

A grand importation of fine dense trees just arrived. These are of exceptionally good color and of excellent value.

Standard or Tree-Shaped.

Stems, 45 inches high, crowns 24 inches in diameter	Each	\$ 6.00
" 45 "	"	7.50
" 45 "	"	10.00
" 45 "	"	12.50
" 45 "	"	15.00

Pyramidal-Shaped.

3½ feet high, 34 inches in diameter at base, tapering to a point	7.00
" 7 "	10.50
" 8 "	12.50
" 8 "	15.00

Begonia Lorraine.

A fine lot of these in prime condition for Holiday sales in the following sizes and varieties:

BEGONIA

GLOIRE de LORRAINE.

5-inch pots.....	50.00 per 100
	75.00 "

BEGONIA

PINK GLOIRE de LORRAINE.

2-inch pots.....	\$ 15.00 per 100
3 "	25.00 "
6 "	75.00 "

BEGONIA GLOIRE de LORRAINE "ERECTA COMPACTA."

2-inch pots.....	\$18.00 per 100	3-inch pots.....	\$25.00 per 100
		6-inch pots.....	\$75.00 per 100

Nephrolepis Davallioides Ferns.

Undoubtedly one of the most valuable of the Sword Ferns, and preferred by many to the Boston Fern, always scarce and in good demand. We offer a fine large stock.

6-inch pots.....	60c each	7-in. pots, extra heavy,	\$1.00 each
	75c "		2.00 "

CIBOTIUM SCHIEDEI.

The only Tree Fern worth growing, Graeculid, Decorative and as Hardy as a Palm.

5-inch pots.....	\$1.00 each	7-inch pots.....	\$1.50 each
		9-inch pots.....	\$2.50 each

LILACS FOR FORCING.

Now Ready for Delivery. We offer a fine lot of pot-grown plants, well set with buds and in excellent condition for forcing, in the two most desirable varieties:

Charles X. Purple, of large size.....	\$6 per dozen.
Mario LeGray. Single, pure white.....	\$15.00 per 100.

DEUTZIAS FOR FORCING.

DEUTZIA LEMOINEI. We offer strong two-year-old plants for forcing, suitable for 6 and 7-inch pots, \$1.00 per dozen; \$5.00 per 100; \$75 per 1000. Strong one-year-old plants, 60 cents per dozen; \$4.50 per 100; \$40.00 per 1000.

DEUTZIA GRACILIS ROSEA. Strong two-year-old plants, suitable for 6-inch pots, \$1.25 per dozen; \$10.00 per 100. Strong one-year-old plants, 75 cents per dozen; \$6.00 per 100.

DEUTZIA GRACILIS. We have a large stock of this standard variety in strong two-year-old plants, suitable for 6 and 7-inch pots, 75 cents per dozen; \$6.00 per 100; \$50.00 per 1000. Strong one-year-old plants, 60 cents per dozen; \$4.00 per 100; \$35.00 per 1000.



AZALEAS FOR EASTER FORCING.

Best Imports. Finest Varieties. Best Values.

Place your orders now for early shipment by freight, and save heavy express charges later in the season.

10 to 12-inch crown.....	Per Doz.	Per 100
12 to 14 "	\$ 4.50	\$ 35.00
14 to 16 "	6.00	45.00
16 to 18 "	7.50	55.00
18 to 20 "	12.00	90.00
20 to 24 "	25.00	200.00
	35.00	300.00

There is a great scarcity of MME VAN DER CRUYSSEN this season, but we are in position to still supply ten per cent of this variety in assorted lots.

HARDY PERENNIALS.

We are headquarters for these popular plants, a full list of which is offered in our current quarterly Wholesale List.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

KANSAS CITY, MO.

By the time these lines are published and circulated the decorations and ornamental effects for the great exhibition at (Convention Hall) will have been completed. Six carloads of evergreens will be used in various arrangements, and together with the electrical display will form a beautiful combination. The decorative features, apart from the floral attractions, will be original and unique. A blue sky with the moon peering through it, and, as Mr. Taggart says, if possible "the milky way" will be carried out as nearly as skill can produce them. At each end of the great hall there will be a Japanese booth and refreshments served by young ladies attired in Japanese costumes. Music will be furnished by a band of twenty-five pieces and the musicians will also wear Japanese costumes. Another distinct novelty will consist of two fountains with fishes swimming in the basins.

The roof garden and the foyer of the hall are to be converted into a forest, "lovers' lanes" and lounging places. A pagoda and a typical Japanese garden will be built at the north end of the hall. The posters for advertising the show are neatly gotten up and have been freely distributed in the business districts. The twenty-five boxes overlocking the arena floor have been sold to the smart set, some of them selling for \$60 each for the entire week. Our leading papers took up the enterprise in earnest right from the start and are publishing daily reminders of the proposed exhibits to keep the public interested.

The Humfeld Floral Co. increased the window decorating prize money \$25.

Brother florists of Kansas and Missouri, come and see the show. It will be a "hummer!"

It will be an educator and you cannot afford to miss it. Don't forget that the management has secured a half rate fare on all railroads within a distance of 200 miles.

A special sale of cut flowers last Saturday by one of our bargain dry goods houses caused a little wailing and gnashing of teeth among the florists. The writer appeared on the scene at the hour the sale was scheduled to begin, and found buyers lined up in front of the counter as thick as a London fog. There were probably more flowers offered at this sale than were seen in all of the flower stores combined. It was learned at a late hour Saturday night that this firm had sold 10,000 carnations at 1 cent each, 2,000 roses at 2 cents each and 1,000 mums at 10 cents each. They intend to try it again. H. J. M.

IT WAS PROFITABLE.

Our last adv. was profitable. We were sold out of carnations in less than two weeks from time of first adv. Thanks.—SCHLURAFF FLORAL CO., Eric, Pa.

RIVERSIDE, CAL.—The National Orange Co. has just been incorporated with a capital stock of \$800,000. E. A. Chase, formerly of the Chase Bros. Co., nurserymen, of Rochester, is president, a sufficient guarantee of the company's reliability.

The agricultural building at the St. Louis exposition in 1903 will be 2,000 feet long and 700 feet wide, containing an area of 32 acres.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF
AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON
STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty.....WHOLESALE
GROWER OF

CUT FLOWERS

PETER REINBERG,

Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS.

Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write

C. A. KUEHN

WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

The Cincinnati
Cut Flower Co.,416 Walnut St.,
CINCINNATI, O. Wholesale Florists.

Consignments Solicited.

Special Attention given to Shipping Orders.

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E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.32, 34, 36 Randolph St.
CHICAGO, ILL.

Mention The Review when you write.

BENTHEY & CO.

F. F. BENTHEY, Manager.

WHOLESALE AND
COMMISSION Florists. Consignments
Solicited.

35 Randolph St. CHICAGO.

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Poehlmann Bros. Co.

Wholesale
Growers of
and Dealers in

Cut Flowers.

All telegraph and telephone orders given prompt
attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

Mention The Review when you write.

WEILAND-AND-RISCH

CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...

CUT FLOWERS,

59 Wabash Avenue, CHICAGO.

SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS



H.G. Berning

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FLORIST.1322 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

Do not Place your Orders for
Thanksgiving and
Xmas Goods UNTIL YOU HAVE OUR QUOTATIONS

Should you not receive our
lists write us immediately
of your requirements.
We lead the Chicago market
on Cut Flowers of all kinds.

Xmas Green of best grade. Xmas Holly that cannot be excelled.
Mistletoe, the choicest that is. Ilex Berries, the kind that stick.
Poinsettias, the choicest in the market. Wild Smilax, better than
ever before. Galax Leaves in immense quantities. Leucothoe Sprays,
the finest selected. All Supplies, Immortelles, Cape Flowers, Fairy
Flowers, Green Sheet Moss, French Green Moss, Moss Wreaths in
Baskets, Birch Bark Ware, Crepe Papers, Fancy Vases, and in
fact everything needed by a progressive Florist. : : : : :

NOW IS THE TIME TO WRITE US

McKELLAR & WINTERSON,

45-47-49 Wabash Avenue, CHICAGO.

GEORGE REINBERG,

51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND
.....GROWER OF CUT FLOWERS
Two Daily Shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, Wire or Phone. Quick Service Given.
Mention The Review when you write.

FRANK GARLAND,

Wholesale
Grower of Cut Flowers,
Special attention
given to Hardy Cut
..... FERNES.
55-57 Wabash Avenue. CHICAGO, ILL.
Telephone Central 3284.
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Holton & Hunkel Co.,
Wholesale
Cut Flowers and Supplies
Milwaukee, Wis.
Mention The Review when you write.

Maplewood Cut Flower and
Plant Co. / GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We
have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
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Always mention the Florists' Review
when writing advertisers.

MICHIGAN CUT FLOWER EXCHANGE.

WM. DILGER, Manager.
Wholesale Florist Commission,
Full line of Florists' Supplies and Decorations
Special attention to shipping orders.
26 Miami Avenue, DETROIT, MICH.

...FINE...

LILY of the VALLEY

Now Ready. \$4.00 and \$5.00 per 100
JOHN WOLF, - - SAVANNAH, GA.
Long Distance Phone 634.
Mention The Review when you write.

Southern Wild Smilax...

NEW CROP NOW READY.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.
Mention The Review when you write.

Valley! Valley! Valley!

The FINEST in large quantities
always on hand.
H. N. BRUNS,
409-1411 W. Madison St., CHICAGO, ILL.
Mention The Review when you write.

Always mention the Florists' Review when
writing advertisers.

BOSTON FERNS.

4-inch pots, 10 fronds, 75c per doz.; \$6.00 per 100.
2½-inch pots, strong, well established, \$3.00 per
100; \$25.00 per 1000.
ASPARAGUS PLUMOSUS. 4-inch pots, nice
shapely plants, \$1.00 per doz.; \$8.00 per 100.
2½-inch pots, \$1.00 per 100; \$35.00 per 1000.
ASPARAGUS SPRENGERI. 2½-inch pots,
\$2.50 per 100; \$20.00 per 1000.
ASPARAGUS TENUISSIMUS. 2½-inch pots,
\$2.50 per 100; \$20.00 per 1000.
UMBRELLA PLANT. 2½-inch pots, \$2.50 per
100; \$20.00 per 1000.
GERANIUMS. Best double varieties, 2½-inch
pots, \$2.50 per 100; \$20.00 per 1000.
CASH WITH ORDER PLEASE.

JOHN A. DOYLE CO., - Springfield, Ohio.
Mention The Review when you write.

JOHN WELSH YOUNG, Wholesale Grower of PANDANUS Veitchii

The best variegated Decorative Plant
on the market to-day.
Upsal Station, Penna. K. R., Germantown,
PHILADELPHIA, PA.
Mention The Review when you write.

Pansies Worth Raising.

(NO MORE SEED.)
Good Plants, \$4.00 per 1,000; \$2.50 per
500, f. o. b. express here. Cash with order.
CHR. SOLTAN, 199 Grant Av.
Jersey City, N. J.
You can take Newark and N. Y. R. R. or West
Side Av. trolley.
Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

GEORGE REINBERG,

Wholesale Grower and Shipper of

CUT FLOWERS

51 Wabash Avenue,
CHICAGO.

Phone Central 1937.

AMERICAN BEAUTIES,

36 inches long	per doz.	\$2 50
30 inches long	"	2 00
24 inches long	"	1 75
21 inches long	"	1 50
18 inches long	"	1 25
15 inches long	"	1 00
Short	per 100	\$3 00 to 6 00

ORCHIDS, per doz., 6.00

CHRYSANTHEMUMS, " 1 00 to 3 00

LILY OF THE VALLEY, per 100, 4.00

CARNATIONS, Fancy, " 1 50 to 2 00

" Common, " 1 00 to 1 50

ROSES, Maids, " 2 00 to 4 00

" Meteors, " 2 00 to 4 00

" Brides, " 2 00 to 4 00

" Golden Gates, " 2 00 to 4 00

" Liberty, " 4 00 to 6 00

" Perles, " 2 00 to 3 00

DECORATIVE GREENS: Asparagus, Flu-

mosus and Sprenger, Smilax, Adiantum,

Galax, Ferns, Wild Smilax, Leucotoe

Leaves.

I can fill large orders as easy as small

on short notice. I have 40,000 feet of

glass. Cut daily 1,000 Beauties, 10,000

Roses and 6,000 Carnations. Send me

your orders.

IF YOU DON'T BUY CUT FLOWERS FROM ME I will tell you WHY YOU SHOULD. Write and inquire what MY SPECIAL INDUCEMENTS ARE. I am better able to fill orders this season than ever, having enlarged and rebuilt this year, thereby increasing my stock fully double of AMERICAN BEAUTIES, CARNATIONS, AND ALL THE LEADING ROSES.

All quotations are subject to change without notice.
No charge for packing and boxes on any order.

Mention The Review when you write

CLEVELAND.

Business during October was rather slow in most lines except wedding decorations; there were a great many of them, some very elaborate.

There are some very fine mums being cut at the present time, notably those sent in by Casper Aul and S. X. Pentecost.

The writer had a call from A. Hart, brother of Herman Hart. He reported everything at that establishment looking fine. They are cutting some mums that sell at wholesale for 15 and 18 cents apiece.

S. X. Pentecost has about completed his rebuilding, having torn down his old establishment and moved it onto some adjoining property that was acquired through trade. He has also added a store and work room, fitting up the store with a large glass front, giving him a much needed show window. When completed he will have one of the most convenient places in this part of the country.

He has one house of mums, 26x120, which is a beautiful sight at the present time, having some of the finest sent to the market so far this season. He also has two houses of carnations, 120 feet long, containing seven benches, which from present outlook will keep him supplied with carnations this winter. There are also four plant houses, one house for palms and ferns and a propagating house, giving him now nine houses and a lean-to, about eighteen thousand feet of glass.

The price of flowers has varied a great deal here, roses ruling from \$1.00 to \$6.00 a hundred, carnations from 75 cents to \$1.50 a hundred and mums from 5 cents to 20 cents apiece. TENEP.

FREEMONT, ILL.—The thermometer has registered as low as 18 degrees and we have had a severe cold wave for the season. Outdoor vegetation was all killed Nov. 3.

STAMFORD, CONN.—Edward B. Jackson reports unusually heavy sales of hardy plants this fall. He reports results from his advs. in the Review as more than satisfactory.

THE FINEST VIOLETS GROWN,

as well as all other varieties of Cut Flowers, can be secured of

HOLTON & HUNKEL CO., MILWAUKEE, WIS.

And They Sell Them at the Right Prices.

Mention The Review when you write.

NEVER BE IN DOUBT! Always Buy from Robinson!

DAGGER or FANCY FERNS. } A No. 1 QUALITY. } GREEN or BRONZE GALAX.

Write for prices on large quantities. We can fill your orders in any amount.

HENRY M. ROBINSON & CO., 36 Court St., Tel. 2615 Main, BOSTON, MASS.

Mention The Review when you write.

FERNS and Decorative Plants

JOHN H. LEY,

Goodhope, Washington, D. C.

Can supply good, well-grown plants, as below:

Ferns, from flats, 10 good sorts, strong, 100 mailed,	\$1.25; 1000 by express, \$10.00.
Boston Fern, 8-in. pans, 3 feet, \$9.00 per doz.	
Boston Fern, strong runners, 3 to 4 leaves each,	\$3.00 per 1000.
Neph. D. Furans, 8-in. pans, fine plants	Per doz. \$9.00
Phillipense, 6 " very large	5.00
Selaginella Martensii, 6-in. pans,	2.00
Lomaria gibba, 5-in. pans	2.00
Climbing Fern, 6-in. pots, 6 ft. long	3.00
Dracaena Lindenii, 4-in. pots	3.00
Clematis Paticularia, strong seedlings, \$5 per 100	
Well packed for Cash with order. F. O. B. Washington, D. C.	

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VERBENAS, all named, 60c per 100; \$5.00 per 1000.

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Heliotrope, 12 var., \$1.00 per 100; \$6.00 per 1000.

Aceratum, P. Pauline, S. Gurney, Lady Dabellie and Cape's Pet, 60c per 100; \$5.00 a 1000.

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Field-Grown Carnations—Wm. Scott, \$3.00 per 100; Mayor Pingree, \$3.00 per 100.

Asp. Plumosa, 3-in., ready for 4-inch, fine plants, \$5.00 per 100; 300 for \$23.00.

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Nephrolepis Wittboldii.



We have a
 Splendid Stock of
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 in 4-inch pots, at
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 These plants are
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Nephrolepis Wittboldii, well established plants in 4-inch pots. \$3.00 per doz.

WHOLESALE PRICE LIST.

Variety.	Size Pot.	Height Inches.	No. Leaves.	Each.	Doz.	100	Variety.	Size Pot.	Each.	Doz.	100
Areca Lutescens.....	2 1/2	5 to 6			\$ 0.75	\$ 5.00	Asparagus Sprengeri.....	7		\$6.00	
" " ".....	3	8 to 10			1.00	8.00	" " Plumosus Natus.....	2		.50	4.00
" " ".....	3 1/2	12 to 15			2.00	15.00	" " ".....	3		1.00	8.00
" " ".....	4	18 to 20		\$0.25	3.40	25.00	" " ".....	4		2.00	15.00
Kentia Belmoreana.....	2 1/2	8 to 9	3 to 4		1.50	12.00	Nephrolepis Wittboldii, strong 4-inch plants.....			3.00	
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" " ".....	3 1/2	12 to 14	5 to 6	.25	3.00	20.00	Sansevieria Jav. Var., 2 1/2-inch pots.....		per doz.,	\$ 0.50	
" " ".....	4	14 to 16	5 to 7	.30	3.60		" " ".....	3		1.00	
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" " ".....	3	10 to 12	4 to 5	.25	2.00	15.00	" " ".....	5		3.00	
" " ".....	3 1/2	12 to 14	5 to 6	.25	3.00	20.00	" " ".....	6		4.00	
" " ".....	4	14 to 16	4 to 5	.30	4.00	30.00	" " ".....	7		5.00	
Latania Borbonica.....	2 1/2	3			.60	4.00	" " ".....	8		6.00	
" " ".....	3	12	5 to 6		1.00	8.00	Ficus Elastica, strong.....	6		5.00	
" " ".....	3 1/2	12 to 15	5 to 6	.15	1.50	18.00	Aralia Sieboldii, 5.....	6		4.00	
" " ".....	4	15 to 18	5 to 7	.25	3.00	20.00	" " ".....	6		5.00	
" " ".....	5	18 to 22	6 to 7	.50	5.00	35.00	" " ".....	7		6.00	
" " ".....	6	18 to 24	6 to 8	.75	7.20	60.00	Pandanus Veitchii, 5.....	6	each,	\$1.00	12.00
" " ".....	7	22 to 26	7 to 9	1.00	10.00		" " ".....	7		1.50	18.00
" " ".....	strong 8	24 to 26	7 to 10	1.25	12.00		" " ".....	8		2.50	30.00
Asparagus Sprengeri.....	2				.50	3.00	" " ".....	8		3.50	42.00
" " ".....	3				1.00	8.00					
" " ".....	4				1.50	12.00					
" " ".....	5				2.00	15.00					
" " ".....	6				4.00						

Cycas Revoluta. We have an immense stock of good values from \$1.00 to \$2.00.

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1657 Buckingham Place, CHICAGO, ILL.

Big Fancy 'Mums

FIFTEEN HOUSES.
40,000 BLOOMS.

All the best and newest sorts. **WHITE**—Timothy Eaton, Kalb, Robinson, Ivory, Woodford, The Queen, Mayflower, Jerome Jones, Gretchen Buettner, Wanmaker, Chadwick. **BRONZE**—Lady Hanham, Chas. Davis. **YELLOW**—Oct. Sunshine, Col. Appleton, Golden Trophy, Mrs. Wilkins, Motesco, Bonaffon, Pennsylvania, Golden Wedding, Harry Hurrell, Kennan, Yellow Jones, Eclipse, Yellow Mayflower, Yellow Queen. **PINK**—Glory of Pacific, Maud Dean, Perrin, Viviland-Morel, Pres. Smith, Spaulding, Mudrock, Autumn Glory. **RED**—Defender, Shrimpton, Clidias. The largest and best stock in the west. Also **LARGE STOCK OF POT MUMS**, specimens, good commercial varieties in due shape.

BEAUTIES

Twelve Houses. They are in fine shape and producing the kind of flowers you want.

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Thirty-six Houses. All in the best possible condition and producing high-grade stock.

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FANCY MIGNONETTE AND EVERYTHING ELSE in the line of CUT FLOWERS. We are growing big lots of LILIES and BULB STOCK.

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Greenhouses,
MORTON GROVE, ILL.

WHOLESALE GROWERS
OF AND DEALERS IN

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ORANGE, N. J.

The New Jersey Floricultural Society held its regular monthly meeting on November 6 at its rooms in Orange. The final report of the exhibition committee was received, all arrangements for the exhibition on the 12th having been completed. Joseph A. Manda, treasurer pro tem, reported the receipt of additional money for the defraying of the expenses of the school children's work.

Secretary George Smith praised the children of the South Orange schools for the way in which they had seconded his efforts; he was unable to state what would be sent in from other points for want of full reports.

The feature of the evening was a loan exhibition of landscape engravings by eminent engravers. Among the pictures displayed were the plates by Woodlett, Browne, Vivares, Bartolozzi, Sharp, Heene, Middiman and Byrne, nearly all of the English School of the XVIII. Century engravers. Those from the paintings of Claude Lorraine were much admired, as also those of celebrated English country seats by William Woodlett. The subject was introduced by J. B. Davis, of the essay committee, and discussion by Robert McGowan, Peter McLaughlin and others. J. B. D.

PITTSBURG.

Mr. William R. Smith, Superintendent of the U. S. Botanical Gardens, Washington, D. C., came to Pittsburgh on Saturday to see the chrysanthemum show at Schenley Park, and on Monday evening the Pittsburgh and Allegheny Florists' and Gardeners' Club gave him a reception and dinner.

The grand old man was in his happiest humor, and the club members were delighted. It was one of the most enjoyable evenings ever spent by the club, and Mr. Smith promised to come back again a year from now as its guest. Most every man, young, middle aged and old, had something good and kind to say. P. A.

LOUISVILLE, KY.—Christ Liehtmann's establishment now contains 10,000 square feet and he intends to add another 1,000 feet and a new office, these to be completed by Jan. 1 next. He is well pleased with the REVIEW.

Look Out for Profit.

ARAUCARIA EXCELSA.

The lovely house plant for the holidays. They are perfect jewels. Raised in Belgium from top cuttings only, no seedlings, and you can get them of the Araucaria Specialist and Importer,

GODFREY ASCHMANN, 1012 Ontario St., PHILADELPHIA, PA.
Station E, one-half cheaper than from any other house in America.

I have houses full of them. Last spring's importations only. See these Special Low Prices:
2½-inch pots, 3 to 4 tiers, 10 to 12 inches high, only 50c
3½-inch pots, 4 to 5 tiers, 12 to 15 inches high, bushy, only 60c
5½ to 6-inch pots, 4, 5 to 6 tiers, 16 to 18 inches across, 16 to 18 inches high, 75c
Specimen plants, 6-inch pots, 18 to 22 inches high, 18 inches across, \$1.00

To save express charges mention whether pots are to be taken off or not. Cash with order please.

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Best named sorts, beautiful bushy plants, blooming size, grafted two years, 12-inch, \$20.00 per 100.

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40 best named sorts, dry bulbs, 1½ to 2½-inch in diameter, \$10.00 per 100, \$90.00 per 1000; 1 to 1½-inch diameter, \$8.00 per 100, \$70.00 per 1000.

FICUS ELASTICA.

Top cuttings, 12-inch, \$20.00 per 100.

PHOENIX--Farinifera, Pumila and Reclinata.

4-inch pots, 22-inch, 5 to 6 leaves, 1 to 2 leaves showing character, \$15.00 per 100.
6-inch pots, 24 to 30-inch, 6 to 8 characterized leaves: **VERY FINE**, \$75.00 per 100.

PHOENIX--Sylvestris and Tenuis.

5-inch pots, 20 to 24-inch, 5 to 6 characterized leaves: **FINE**, \$25.00 per 100.
6-inch pots, 30-inch, 6 to 7 characterized leaves: **FINE**, \$60.00 per 100.
6 to 7-inch pots, 24 to 28-inch, 9 to 11 characterized leaves. **VERY STOCKY**, \$90.00 per 100.
Not less than 50 of a class at above rates.

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FINE PANSY PLANTS

\$4.00 per 1000, 50c per 100.

Per 100
Chinese Primulas, white only, 2½-in. \$ 1.25
Asparagus Plumosa Variegata, 3-in. 5.00
Asparagus Sprengeri, 3-in. 4.50
Smilax, 2½-in. 1.00
Lantana Borbonica, 2½-in. 3.50
Kentia Behmiana, 3-in. 12.50
Kentia Forsteriana, 3-in. 12.50
Pansy Seed, choice mixed, \$3.00 per oz.
Pansy Plants, 50c per 100 by mail, \$4.00 per 1000 by express. —CASH—

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Now is the time to get your Mum Stock.

Strong Healthy Stock Plants.

Early—Polly Rose, Glory of the Pacific, Robinson, Midseason;—White and Pink Ivory, Evangeline, Pitcher, Golden Wedding, Shrimpton, Wanamaker, Chadwick, Late—Bonaffon, Jerome Jones, Perrin, Maud Dean.

At \$1.25 per dozen; \$8.00 per 100.

Florence Hayes, Frances Parks, H. J. Jones, Nemesis, Bonita, Merza, Helen Bloodgood, R. H. Pearson, H. Payne, Beau Ideal, Mrs. Popham, White Bonaffon and the earliest Yellow Hobson.

At 25c per plant. Cash with order.

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CHRYSANTHEMUMS!

If interested in EXHIBITION varieties, we can put you on to the best. We were FIRST in the International Contest at Chicago, for best twelve varieties. We are now booking orders for the GRAND NEW EARLY

..OPAH..
 \$5.00 per doz. \$35.00 per 100.

Our other Seedlings will be announced later.

NATHAN SMITH & SON,

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Field-Grown ROSES

Strong 3-year old
White Maman Cochet,
 \$10.00 per 100; \$90.00 per 1000.
 Strong 2-year old.
Crimson Rambler,
 \$8.00 per 100; \$75.00 per 1000.
Golden Veined... Honeysuckle,
 Strong 5-inch pot plants, \$30.00 per 100.
 Not less than 50 plants sold at the 100 rate, or 500 plants at 1000 rate.
ISAAC H. MOSS,
 Govanstown, BALTIMORE, MD.

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PRINCESS OF WALES VIOLETS

2 3/4-in., strong, \$3.00 per 100, \$25.00 per 1000.

CARNATIONS { Marquis \$6.00 per 100
 E. Crocker 6.00 "
 Alma, new rose pink 6.00 "
 Genevieve Lord 6.00 "
 Armazindy 5.00 "

DRACAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIEGATED VINCA, field, \$4.00 per 100.

C. Merkel & Son, Mentor, Ohio.

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New Sweet Pea California Blue Bells

It takes ahead of Blanche Ferry, but not so early by three days.
 Per oz., 30c; lb., \$4.00.
New Sweet Pea, California Red Eye, per oz., 30c; lb., \$4.00.
 1/2 lb. at 1 lb. rates on above Sweet Peas.
 Asparagus Plumosus Nanus from flats per 100, \$1.75; per 1000, \$15.00
 Giant of California, Pansy Plants 1.00; 4.00
 " " " from seed beds, transplanted plants, " 3.00

CARNATION Pips or Unrooted Cuttings.

100	1000	100	1000		
Mermaid, shell pink	\$2.00	\$18.00	Ethel Crocker, pink	\$1.00	\$9.00
Queen Louise, white	2.50	20.00	Mrs. F. Joost, pink .....	.50	4.00
Prosperity, maroon	4.00	28.00	Triumph, pink .....	.50	4.00
Morning Glory	1.75	12.50	Flora Hill, white .....	.50	4.00
Egypt, maroon	2.00	18.00	The Marquis	1.50	12.50
Bon Homme Richard, white	2.00	18.00			

We prepay all charges to every part of the United States at above prices. If not satisfactory return at our expense at once and get your money back by return mail. 100,000 Rooted Cuttings of Carnations ready later. Let us estimate your wants. Also 100,000 Pansy Plants ready now. We can supply Pansy Plants all winter up to May 1, 1902.

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Burpee's Seeds Grow

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,
 The Exotic Nurseries. DAYTON, OHIO.
 SEND FOR PRICE LIST.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL
 For Particulars Address
JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
 Publisher, Buffalo.

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J. A. BUDLONG,

Wholesale Grower
and Shipper of Cut Flowers,

37-39 Randolph Street.....CHICAGO.

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TORONTO.

Business has materially improved and we hope for a continuance of the apparent revival of trade to its winter footing. Roses have been very plentiful and of excellent quality. Carnations are rather scarce as yet but as mums and roses are so plentiful the want of that useful flower has not been materially felt. Violets are still scarce. Valley sells well and orchids are just beginning to show themselves in some of the windows. Sinclair, the commission man, reports favorably on trade conditions.

I had the pleasure recently of visiting the home of that great chrysanthemum, the "Timothy Eaton," and seeing the stalwart giant in all the glory of its native home. From appearances he is going to eclipse himself this year and surpass himself in size and grandeur. Mr. Miller is to be congratulated on the splendid showing he has of the big fellow, and also the rest of his stock of mums, which is looking particularly fine.

Mr. Miller has a yellow sport from Timothy Eaton which promises fully as much as the parent. He also has a new pink, Mrs. Eaton.

The Turps are just finishing a batch of new houses, they having found it necessary to move where more room would be obtainable, their old situation being impossible to enlarge on. They make a specialty of carnations.

The array of bloom at the market these days (Saturdays) is very alluring to an appreciative public for which the boys who dispose of their stock at that particular point are very thankful, they managing to clean up before leaving, so far.

By the death of Mr. W. E. H. Massey, that Canadian philanthropic magnate, the business of a number of the retail men was considerably increased lately. The display of floral emblems was equal to, if not in excess of, anything ever before seen here. C. W.

CHILLICOTHE, Mo.—Mr. G. W. Weatherby's entire greenhouse plant was destroyed by fire the night of Nov. 7 and it is probable he will not rebuild. The fire was due to spontaneous combustion of slack in the coal house. As there was a high wind the fire destroyed practically the whole place.

MEMPHIS TENN.—W. H. Grimes is building a greenhouse 20x100 at Ruh-yville. He will make a specialty of field-grown roses and other plants.

CRESSBROOK

The Coming

PINK CARNATION

For Everybody to Grow.

Baltimore, Feb. 21, 1901, it scored 94 points, the highest of any seedling.

Cressbrook has never shown disease of any kind, and is an extra free bloomer. Size of flower under ordinary culture, 3 to 3½ inches.

Orders will be delivered in rotation on and after Jan. 1, 1902, at the following prices:

12 plants, \$ 1.50	100 plants, \$10.00
25 " 3.00	250 " 25.00
50 " 5.00	500 " 37.50
1000 plants, \$75.00	

C. WARBURTON,

FALL RIVER, MASS.

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NARCISSUS and DAFFODILS.

Special Grades for Gardens and Field Culture at very low prices.

Send for prices and samples while they can be had. Address—

AMERICAN BULB CO.,
Wholesale Bulb Growers,
PETERSBURG, VA.

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The Model Extension Carnation Support.

Also Galvanized Steel Rose Stakes.

Endorsed by all the leading carnation growers as the best support on the market. Made with 2 or 3 circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circular.

IGOE BROS.,
226 N. 9th Street, BROOKLYN, N. Y.

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Queen Louise Carnation.

Being sold out of field-grown plants of this grand variety we are now booking orders for rooted cuttings for early delivery.

Price \$5.00 per 100; \$45.00 per 1000

VERBENAS

We have increased our facilities and hope to fill all orders promptly this season.

20,000 plants now ready of our 60 finest varieties. Plants \$2.50 per 100; \$20.00 per 1000. Rooted Cuttings, 60c per 100; \$5.00 per 1000.

J. L. DILLON,

BLOOMSBURG, PA.

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DECIDUOUS TREES.

Maples, Norway, Sugar, Silver, Sycamore, Ash Leaved and other varieties, from 8 to 16 feet, \$20.00 to \$40.00 per 100.

Oaks, Pin, Red, Scarlet, English, Chestnut, Moony Cup, Turkey, White and Willow Leaved. Large stock. Lowest prices.

Oriental Plane, 6 to 12 feet, \$16.00 to \$35.00 per 100.

POPLARS—Carolina and Lombardy. ASH, BEECH, ELMS, LINDENS.

Full assortment of Deciduous and Weeping Trees. Descriptive catalogue and trade list on application.

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VEGETABLE PLANTS!

CABBAGE.—Jersey and Chas. Wakefield. Succession, Flat Dutch, and other varieties, 15c per 100; \$1.50 per 1000; \$8.50 per 10,000.

LETTUCE.—Grand Rapids, Big Boston, Boston Market and other varieties, 15c per 100; \$1.00 per 1000; \$8.50 per 10,000.

CELERY.—Giant, Pascal, Golden Heart and other varieties, 15c per 100, \$1.00 per 1000, \$8.50 per 10,000.

TOMATO.—Lorillard, Mayflower, Paragon and Dwarf Champion; from seed bed, 50c per 100. Lorillard and Mayflower from 2½-inch pots, \$2.00 per 100.

EGG PLANTS.—N. Y. Improved, 50c per 100. PEPPER.—Ruby King, 50c per 100.

If wanted by mail add 10c per 100.

Cash with order.

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Center of Attraction...

.....AT THE CHICAGO SHOW.....

Both of these NEW CARNATIONS
Received Silver Medals and Certificates of Merit:

Mrs. H. N. Higinbotham, Light Pink.

Certificated:—St. Louis and Chicago Florist Clubs, Horticultural Society of Chicago

COMMENTS:

"Mighty pretty thing."—W. N. Rudd. "That's my carnation."—Anton Then.
"Saw it at your place to-day, it's a good thing."—Mr. Skidley.
"Fine Carnation and a flower keeper, add 100 to my regular order."—W. L. Rock, Kansas City, Mo.
"Send all the Higinbotham you can spare; can keep it a week."—C. E. Siegh.
"That's all right."—C. W. Johnson. "The most beautiful in the Show."—The Ladies.

Mrs. Potter Palmer...

Certificated—St. Louis & Chicago Florist Clubs, Horticultural Societies of Chicago and Montreal. Report from latter place:—"Finest scarlet ever seen in this city."—(Exchange, March 28, 1901). "At Baltimore, not for competition."—"Made a good impression among the best of reds."—(Exchange, Feb. 23rd, 1901). "Finest carnation I ever saw."—A. Spencer, Mr. Peter Reinberg. "I think it's the best thing you've got, though Higinbotham is good."—J. S. Wilson, Western Springs, Dec., 1900. "Crane is the finest scarlet in the Fall, though it does not produce any more blooms than the Palmer, but after Nov. 20th Crane is simply 'not in it,' neither for quantity nor quality; we throw Crane out entirely after Ninas."—Jas. Hartshorne.

Our record at Chicago Show, 1901:—Twelve Entries—Eight 1sts, Three 2nds, including Grand Cup, S. A. F. Medal, Three Medals, Four Certificates and Cash Premiums.

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Prices of above: \$12.00 per 100; \$100.00 per 1000.

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CARNATIONS...

FIELD PLANTS. Speak Quick if you want them.

Genevieve Lord, the best pink, strong, 1st size, \$8.00 per 100, \$70.00 per 1000; 2d size, \$5.00 per 100, \$45.00 per 1000.

Chrysanthemum Stock Plants, write for varieties and prices.
H. WEBER & SONS, Oakland, Md.
Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

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Carnations..

We have left 200 Jubilee, 1000 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100, 1600 New York and 200 Scott at \$5.00 per 100.

VIOLETS—500 Swanley White and Lady Campbell, from 2 1/2-inch pots, at \$2.00 per 100.

CRABB & HUNTER, Grand Rapids, Mich.
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20,000 Field-Grown.. Carnations

We escaped the drought, consequently our stock is in No. 1 shape for benching.

Flora Hill, Melba, Crocker, G. Lord, B. Lipnietz, America, Crane, Maceo, Braut and Sandusky. Lowest prices quoted on application.

W. E. HALL, - - Clyde, Ohio.
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WE ARE HEADQUARTERS FOR..... GERANIUMS AND PETUNIAS

Our stock goes everywhere and always gives satisfaction.

The three leading bedders:
A. Nix (double crimson).
Alp. Eicard (double scarlet).
Frances Perkins (double pink).
Athlete and Mme. Bruant.
Strong rooted cuttings, \$1.50 per 100; \$15.00 per 1000.
5000 S. A. Nutt, from 2 1/2-inch pots, \$2.00 per 100; \$18.00 per 1000.

Cash with order.

Our Double Fringed Bedders this year are finer than ever, including 12 varieties selected from the latest sets sent out by the two greatest specialists. Every one a gem. Strong rooted cuttings, \$1.25 per 100; \$10.00 per 1000.

Henderson's Celebrated Sea Foam (white), \$1.50 per 100.

The W. T. Buckley Plant Co., Springfield, Ill.

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200,000 GERANIUM CUTTINGS--WELL ROOTED.

GERANIUMS :	Per 100	Per 1000	Per 1000
Silver Leaf, 2 1/2-inch.....	\$4.00	\$40.00	
Mrs. Pollock, 2 1/2-inch.....	4.00	40.00	
Happy Thought, 2 1/2-inch.....	4.00	40.00	
Mars, 3 1/2-inch, bloom.....	6.00	60.00	
Mars, 2 1/2-inch, bloom.....	4.00	40.00	
Mrs. Parker, 2 1/2-inch.....	6.00	60.00	
Rooted Cuttings, standard varieties, per 1000.....	1.75	17.50	
Violets, 3-inch.....	4.00	40.00	
Forget-Me-Not, "Winter", 2 1/2-inch.....	3.00	30.00	
Terms Cash or C. O. D.			
Cinerarias, fine plants \$4.00 and.....	5.00	50.00	
Dracena, 2 1/2-inch.....	5.00	50.00	
Alyssum Double Giant, 2-in. 3.00	2.00	20.00	
Var. Stevia, 2-inch.....	2.00	20.00	
Coleus Verschaffeltii, 2-inch 2.00	1.25	12.50	
Vinca Var. R. Cuttings, per 1000, \$10.00.....	1.25	12.50	
Fuchsia, named, R. Cuttings 1.50	1.50	15.00	
Leon Verbena.....	2.00	20.00	
Begonia Rex.....	2.00	20.00	
Vinca, 2 1/2-inch.....	\$2.00 and \$2.50		
Jerusalem Cherry, 4, 5 and 6-inch.....	\$10.00 to 25.00		
Abutilon Savitzi, R. Cuttings.....	2.00		
Fuchsias, 2 1/2-inch, named.....	4.00		
La France Violets, 4-inch.....	6.00		
Heliotrope, 3-inch.....	6.00		
Aspidistra, variegated and green.....			

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write

We are now ready to book orders for

CARNATIONS and CHRYSANTHEMUMS.

We have all the new varieties at reasonable prices. If you live west of the Mississippi give us a trial order.

Salt Lake Floral Co., Salt Lake City, Utah.

Mention The Review when you write.

ALL THE BEST Carnations.

GET OUR PRICES ON ROOTED CUTTINGS BEFORE BUYING.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

CLASSIFIED PAID ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Savitzi, rooted cuttings, \$2.00 per 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum rooted cuttings, Stella Gerney and dwarf white, 5c per 100; 6c by mail. Cash. R. Vincent, Jr. & Son, White Marsh, Md.
Ageratum rooted cuttings, 5 named varieties, 6c per 100; \$5.00 per 1000, express paid. C. Humfeld, Clay Center, Kan.
Ageratum rooted cuttings, 3 varieties, 60c per 100, express paid. Cash. E. D. Brant, Clay Center, Kan.

ALTERNANTHERA.

Rooted cuttings of alternanthera, red and yellow, 6c per 100; \$5.00 per 1000, express paid. C. Humfeld, Clay Center, Kan.
Alternanthera rooted cuttings in variety, 50c per 100, 60c by mail. Cash. R. Vincent, Jr. & Son, White Marsh, Md.
Alternanthera, red, rooted cuttings, 4c per 100. E. I. Rawlings, Quakertown, Pa.

ALYSSUM.

Alyssum, rooted cuttings, \$1.00 per 100, express paid. Cash. S. D. Brant, Clay Center, Kan.

Alyssum, Dbl. Giant, 2-in., \$3.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ARAUARIAS.

ARAUARIA EXCELSA, raised in Belgium from top-cuttings only, no seedlings. Special low prices:

Pots	Tiers	High	Each
3-4	10 to 12 in.	50c	
4-5	12 to 15 in., bushy	60c	
4-5	15 to 18 in.	75c	

Specimen plants, 6-in. pots, 15 to 22 inches high, 15 pieces across, \$1.00. State whether to be shipped in pots or without. Cash with order.

GEOFFREY ASCHMANN, 1012 Ontario St. Station B, Philadelphia, Pa.
Araucaria excelsa, fine plants, 6-in. pots, 12 to 18 inches, 2 to 3 tiers, \$1.00 each; \$1.00 per doz. 6-in. pots, 24 inches, 4 to 5 tiers, \$1.50 each; \$15.00 per doz. Isaac H. Moss, Govanstown, Baltimore, Md.

ASPARAGUS.

Asparagus Sprengeri, 2 1/2-in., \$2.50 per 100; \$20.00 per 1000. A. plumosus, 4-in., \$1.00 per doz.; \$8.00 per 100. 2 1/2-in., \$4.00 per 100; \$35.00 per 1000. Cash. Asparagus tenuissimus, 2 1/2-in., \$2.50 per 100; \$20.00 per 1000. Cash. John A. Doyle Co., Springfield, Ohio.

SPRENGERI, \$2.50 per 100; \$20.00 per 1000. ELICMOSUS, \$2.50 per 100; \$20.00 per 1000. Extra fine plants, ready to shift into 3 1/2-in. pots.
Jackson & Perkins Co., Newark, New York.

Asparagus SPRENGERI and PLUMOSUS, 2-winter, \$4.00 per 100; 3-in., \$4.00 per 100. WALTER RETZGER & CO., 265-59 Clarendon Ave., Chicago.

Asparagus, per 100; Sprengeri, 3-in. pots, \$4.50; 4-in. pots, \$5.00; plumosus nanus, 3-in. pots, \$5.00. Dickerson & Belden, Box 275, Mt. Airy, Fla.

We have a fine lot of A. Sprengeri and plumosus for Thanksgiving decorations. Write us for sizes and prices. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, ready for 4-in. jars, \$4.00 per 100. From 4-in., \$5.00 per 100. Cash. M. & S. L. Dvysinger, Albion, Mich.

Asparagus Sprengeri, 3-in., \$4.50 per 100. A. plumosus nanus, 3-in., \$5.00 per 100. Cash. Smith Floral Co., Morris, Ill.

Asparagus plumosus nanus, from flats, \$1.75 per 100, \$15.00 per 1000, express prepaid. Mitting Floral Co., Loomis, Cal.

Asparagus plumosus, 3-in., ready for 4-in. fine plants, \$8.00 per 100; 300 for \$25.00. C. Humfeld, Clay Center, Kan.

ASPARAGUS PLUMOSUS NANUS.

Cut strings, 5c cents each.
W. H. ELLIOTT, BRIDGEON, MASS.
2,000 Asparagus plumosus, fine, strong plants, 3-in., \$6.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.
5,000 Asparagus plumosus nanus, strong 2 1/2-in., \$3.00 per 100. J. W. Baldwin, Newark, Ohio.
3,000 Asparagus plumosus 4-in., \$5.00 per 100. Cash. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Spengeri, 2-in. pots, \$1.50 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, 2 1/2-in., \$2.50 per 100. Nathan Smith & Son, Adrian, Mich.

Asparagus Sprengeri, 2-in., \$1.25 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

ASPIDISTRA.

Pot-grown plants of ASPIDISTRA. The green and variegated leaves. Have a large stock, in perfect condition, of both. Leaves measuring from 2-3 to 6 inches. Write for prices on above; also prices on bulbs, roots and plants.

F. W. O. SCHMITZ, Princebay, N. Y.

Aspidistra lurida, green-leaved, per leaf, 3 cents. Traveler's Guide by freight. Cash. Eich. Lind Seed & Nursery Co., New Orleans, La.

Aspidistra, variegated and green. Greene & Underhill, Watertown, N. Y.

AZALEAS.

Place your order now for early shipment by freight and save heavy express charges later.

10-12 in. crowns, \$4.50 per doz.	\$3.00 per 100.
12-14 in. crowns, 6.00 per doz.	45.00 per 100.
14-16 in. crowns, 8.50 per doz.	55.00 per 100.
16-18 in. crowns, 12.00 per doz.	90.00 per 100.
18-20 in. crowns, 25.00 per doz.	200.00 per 100.
20-24 in. crowns, 30.00 per doz.	300.00 per 100.

Mrs. Van der Cruyssen is scarce this season. But we are in position to still supply 100 per cent of this variety in assorted lots.

W. W. BARNARD, 714 Chestnut St., Philadelphia, Pa.

AZALEAS, all sizes. Varieties: Vervanewans, Simon Mardner and Van der Cruyssen, \$40, \$50, \$70, \$75, \$80 and \$100 per 100. Also large plants to \$5 each. Anton Schulhels, P. O. Box 78, College Point, New York City. Ask for price list.

AZALEAS. We have a limited stock of well-shipped plants at \$1.50 per doz. for 10 to 12 in.; \$5.00 per doz. for 12 to 14 in.; \$7.50 per doz. for 14 to 16 in. Special price for case lots.

W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Azalea Amoenia, one of the choicest hardy dwarf shrubs. Two-year-old dwarf-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; 2 1/2-in. pots, \$12.00 per 100.

Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, all sizes and varieties. Ask for special price list.

BOBBINK & ATKINS.

RUTHERFORD, N. J.

AZALEAS. The best varieties; immediate delivery. 4-in. crowns, 4c; 1 1/2-in., 5c. C. C. Follworth Co., Milwaukee, Wis.

Azalea indica, just arrived, leading sorts, \$50.00 per 100. Whittion & Sons, City and Green Sts., Utica, N. Y.

BEGONIAS.

Begonia Rex, rooted cuttings, \$2.00 per 100. Cash or C. O. D. Greene & Underhill, Watertown, N. Y.

Begonia Rex, named varieties, 2 1/2-in. pots, \$4.00 per 100. Nathan Smith & Son, Adrian, Mich.

Begonia Cloire de Lorraine, \$15.00 per 100; \$100.00 per 1,000. Cottage Gardens, Queens, N. Y.

Rooted cuttings of flowering begonias in variety. Fine. A. J. Baldwin, Newark, Ohio.

Begonias, 10 varieties, 3-in., \$2.00 per 100. A. Brumley, Birmingham, Iowa.

BERRIED PLANTS.

Jerusalem cherries, well established in 7 and 8-in. pots, extra strong and well fruited, \$2.00 per doz. Dana R. Herron, Elmore, N. Y.

Jerusalem cherry, 4, 5 and 6-in., \$10.00 to \$25.00 per 100. Greene & Underhill, Watertown, N. Y.

Jerusalem cherry, well fruited, 6-in. pots, \$10.00 per 100. A. Schmitt, Glenville, Ohio.

BULBS.

Surplus HYACINTH bulbs, extra fine, selected stock. White: Alba superbissima, Baron von Thuyl, Grandeur a Merveille, Mme. Van der Hoop, etc. Blue: Agnes, La Peyrouse, etc. Red and rose: Norma, Lord Macaulay, Gigantea, Rol des Belges, etc. First size, \$2.25 per 100; second size, \$1.50 per 100. W. W. BARNARD & CO., 161 Kinzie St., Chicago.

BULBS AND ROOTS.

Spirea Japonica, extra strong clumps	\$0.50	\$3.00
Spirea Compacta Mutt, strong clumps	60	3.50
Spirea Auctoreana Plumosa (True)	40	4.00
Dicentra Spectabilis (Bleeding Heart)	75	5.00
Glaucolabell Alba, The Bride	50	2.50
Glaucolabell Rosea	50	2.50
Spotted Calla, extra strong bulbs	50	3.00
Spotted Calla, very fine bulbs	50	3.00
Lil. Album, 8x3, doz., 60c; 10c, 44.00; 9x11, doz., 85c; 10c, 46.00.		
Lil. Ruhrum, 8x3, doz., 60c; 10c, 44.50; 9x11, doz., 85c; 10c, 46.00; 11x13, doz., 81.25; 10c, \$4.00.		
Lil. Album, 8x3, doz., 75c; 10c, 45.00; 9x11, doz., 85c; 10c, 46.00.		

Album Monster, doz., \$1.25; 10c, \$8.00. BARGAINS in surplus stock; we must have room.

OUTCH HYACINTHS, 1st Size, 18cm. Single White-Alba Sp., Blanchard, Grande Vierge, La Grandee, Mme. V. der Hoop, Rose and Red-Chas. Dickens, Gertrude, Gigantea, Norma, Rol des Belges, Gen. Felsier, etc.

Blue-Chas. Dickens, Azar Peter, La Peyrouse, Leonidas, Any of these, 75c per doz.; \$6.00 per 100.

Dutch Miniature-Mixed, extra, doz., 40c; \$2.50 a 100.

French Roman-Single, blue, doz., 25c; \$1.25 a 100.

NARCISUS

Grand Fringed	100	10.00
Improbable	50	5.00
Mixed Trumpets, extra large	75	7.00
Mixed Single	50	5.00
Mixed Double Narcissus	60	6.00
Jonquils, Ragulosa, extra large bulbs	50	5.00

Closing out LIL. LONGIFLORUM

5x7	1.75	15.00
6x8	2.50	22.00
7x8	3.50	30.00

LONGIFLORUM, Extra Multiflorum

5x7	2.00	
6x8	3.00	
7x8	4.00	37.50

TULIPS—in following sorts: Single—Duchess de Parme, Duke of Devon, Thol, scarlet, L. V. 75c a 100; \$6.00 a 100. Keizerskroon, 8c a 100. Mon. Tresor, 8c a 100. Thersolva, Black Prince, \$1.00 a 100. Single Mixed, \$5.00 a 100.

Double Tulips—Lady Grandeur, Agnes D. of York, Fritian, Caudure, 60c a 100. Finest Mixed, 60c a 100; \$5.50 a 100.

Send for our new list of Begonias, Caladiums, Gladioli, etc.

H. H. BERGER & CO., 47 Barclay St., New York.

2,000 1st size VON SIONS, \$10.00 per 100

2,000 2d size VON SIONS, \$5.00 per 100

(Unnamed mixed HYACINTHS (mostly white) at \$2.00 per 100. Cash.

THE LIVINGSTON SEED CO., Columbus, O.

Calla bulbs, sound, full size; per 100 prepaid; 3 to 4-in. in circ., \$3.00; 2 1/2 to 3-in. in circ., \$2.00; 2 to 2 1/2-in. in circ., \$1.00. Cash with order. Satisfaction guaranteed. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

CALADIUMS, 40 best named sorts. Dry bulbs, 1 1/2 to 2 1/2 in. diam., \$10.00 per 100, \$50.00 per 1000; 1 to 1 1/2 in. diam., \$3.00 per 100, \$15.00 per 1000. Not less than 12 bulbs per 100. Write for list.

F. J. BERCKMANS CO., Augusta, Ga.

Our wholesale price list of high class bulbs for florists has been mailed to the trade. If you have not received a copy send for one now. J. M. Thorburn & Co., 26 Cortlandt St., New York.

Selected HYACINTHS, 12 to 15 cm., in separate packets, \$1.25 per 100; \$30.00 per 1000. Send for complete bulb list.
H. P. Mitchell, 1015 Market St., Philadelphia, Pa.

NARCISUS and DAFODILS. Special grades for gardens and field culture at very low prices. Send for prices and samples.
AMERICAN BULB CO., Peterborough, Va.

Japan-grown LILIUM LONGIFLORUM for Easter, 6 to 8 in., \$2.00 per 100; choice selected, \$2.25 per 100. W. E. King, East Santa Cruz, Cal.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

HYACINTHS, TULIPS, 1st size, forcing. Low price to close out. C. H. Josten, 53 DeW St., New York.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Advertisers, N. J.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

TUBEROSE AND CALADIUM etc. bulbs ready Dec. 15, 1901. For prices write to Jno. F. Croom & Ebro, Magnolia, N. C.

Bulbs, all kinds. Ask for special bulb list. **ROBINCK & ATKINS**, RUTHERFORD, N. J.

CACTI.

14 thrifty plants, mailing sizes, true to name, \$1.00. Cash only. Mrs. M. E. Patterson, Glendale, Cal.

Crab cacti. Blooming plants from 2½-in. pots 50c per doz., postpaid. Cash. Theo. Fuhr, Becht, Ohio.

CALLAS.

CALLA LILIES, Elliott's "Little Gem," fine for florists' use, 4-in. pots, 5c each. Mrs. L. P. Benton, Richfield Springs, N. Y.

Callas. Fragrances Godfrey, Lemon Giant, Yellow and Spotted, Crinums and Chlidanthus. C. Betscher, Canal Dover, Ohio.

CANNAS.

Cannas Allemanina, Black Prince, Egandale, Flo. Vaughan, Ingleswood, S. D. A. Crozy and 20 others. Write for prices. C. Betscher, Canal Dover, Ohio.

Canna Austria, field clumps, per 100, \$3.00. Travel safely by freight. Cash. Eichling Seed & Nursery Co., New Orleans, La.

25,000 cannas, best varieties, \$2.00 per 1,000. Immediate delivery. C. G. Nanz, Owensboro, Ky.

50,000 cannas at a very low price to reduce stock. Write Ben. Connell, West Grove, Pa.

CAREX.

Carex japonica variegata, 2½-in., \$2.50 per 100. Nathan Smith & Son, Adrian, Mich.

"The Classified Advertiser being big returns" is the verdict of the advertisers.

CARNATIONS.

CRESSBROOK, the PINK carnation for everybody, has never shown disease of any kind and is an extra, free bloomer, size of flowers, ordinary culture, 3 to 3½ inches. Orders delivered in rotation on and after June 1, 1902, at the following prices:
 12 plants..... \$1.50 100 plants..... \$15.00
 25 plants..... 3.00 250 plants..... 25.00
 50 plants..... 5.00 500 plants..... 37.50
 100 plants..... 75.00

C. WAREBURN, Fall River, Mass.

CARNATIONS. Rooted cuttings of the following sorts in season. High grade stock at ruling market prices. Write for them.
 White—Queen Louise and Lorna.
 Scarlet—J. H. Crane.
 Crimson—Roseette.
 Pink—Crocker, Lord and Dorothy.
 Light Pink—Morning Glory.
 Fancy—Prosperity.
ALBERT M. HERR, Lancaster, Pa.

20,000 field-grown carnations. We escaped the drought, consequently our stock is in good shape for benching. We have all the leading varieties; lowest prices quoted on application. W. E. Hall, Clyde, Ohio.

Pips, or unrooted carnation cuttings. For varieties and prices see display adv. in this issue. We prepay all charges and guarantee safe arrival of all plants. Mitting Floral Co., Loomis, Cal.

Field-grown carnation plants. A No. 1 Ethel Crocker and Genevieve Lord, 1st size, \$5.00 per 100; second size, \$3.00 per 100. They are extra fine.
DANA R. HERRON, Olean, N. Y.

Eldorado. We have left 200 Jubilee, 1,000 Eldorado, 500 Daybreak, 1st size, \$4.50 per 100, 1st New Year, 2nd size, \$3.50 per 100, Crabb & Hunter, Grand Rapids, Mich.

Fine field-grown plants of Marquis, E. Crocker, Alma (new rose pink), Genevieve Lord at \$5.00 per 100; Armazindy, \$5.00 per 100. C. Merkel & Son, Mentor, Ohio.

Genevieve Lord, the best pink, 1st size, \$8.00 per 100, \$7.00 per 1,000; 2nd size, \$5.00 per 100, \$45.00 per 1,000. H. Weber & Sons, Oakland, Md.

Carnations Crocker, Scott, Dana, Dean, Firefly and Fisher, \$4.00 per 100. Cash, please. R. F. Tesson, West Forest Park, St. Louis, Mo.

Strong, healthy plants of Joost and Crane, \$3.50 per 100. Crocker, Lord and Daybreak, \$3.00 per 100. Carl Rauh, Springfield, Ill.

Get our prices on rooted carnation cuttings before buying. Geo. Hancock & Son, Grand Haven, Mich.

McGowan carnation, nice plants, \$3.00 per 100. Cash. M. & S. L. Dysinger, Albion, Mich.
 For carnations write F. Dornier & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, true to name. Timothy, Milton, Mrs. E. D. Smith, Goldmine, Mary Hill, 35 cents each. R. Hooper Pearson, Col. Appleton, Primo, 15 cents each.

White Fitzwygram, Yellow Fitzwygram, Jerome Jones, Lady Harriot, Autumn Glory, 10 cents each; \$1.00 per dozen.

Lucie Faure, Western King, White Robinson, Mayflower, Bonafon, Chadwick, 7 cents each; 75 cents per dozen.

Bergmann, Johnson, Sunderbruch, Ivory, Glory Pacific, Dalskov, Fee du Champ, 60 cents per dozen.

W. J. & M. S. VERNY, Wayne, Ind.

CHRYSANTHEMUM STOCK PLANTS. Timothy Eaton, 2c each; two best early and mid-season Yellow Monrovia, Col. Appleton, 20c each; Bonafon, Mrs. E. D. Smith, White Bonafon, Gold Mine, Queen Louise, Golden Wedding, J. K. Shaw, 1c each, \$1.50 per doz.; Evangeline, Bonafon, Vandy-Morel, Black Hawk, Fitzwygram, Murdoch, Arab, Sunderbruch, Adula, Fee du Champ, Helen Bloodgood, M. B. Howe, Mile Lucie Faure, Mrs. Weeks, H. W. Riemann, Philadelphia, Pennsylvania, Mrs. Ferrin, etc., 10c each; \$1.00 per doz. Cash with order.

GUNNAR TEILMANN, Marion, Ind.

Chrysanthemum stock plants, strong and healthy. Early—Polly Rose, Glory of Pacific, Robinson, Midseason—White and pink Ivory, Evangeline, Fisher, Golden Wedding, Strampton, Wanamaker and Chadwick. Late—Bonafon, Jerome Jones, Ferrin and Pank, H. J. Jones, Nemesis, Bonita, Merza, Helen Bloodgood, R. H. Pearson, C. H. Payne, Beauty Ideal, Mrs. Popham, white Bonafon and the earliest yellow Hobson, at 25c per plant. Cash with order. H. C. STEINHOFF, 575 Hudson Boul, West Hoboken, N. J.

Chrysanthemum stock plants, strong, clean stock. Col. D. Appleton, 15 and 25c each; Major Bonafon, Mrs. Ferrin, Fitzwygram, Vivand-Morel and W. H. Chadwick, 12c each, \$1.00 per doz; Glory of Pacific, Ivory, Niveus, Mrs. J. Jones and Merr. 25c each, \$1.00 per doz. No order filled for less than \$1.00. Remit by postoffice or express money orders. **JOHN CULVER**, J. E. Allen, Head, N. Y. Y.

Chrysanthemum stock plants, EXPRESS PAID. Timothy Eaton and Goldmine, 40c each; Col. D. Appleton, T. L. Park, October Sunshine, and Monrovia (dargest early yellow), 25c each; Yellow Fitzwygram, Chadwick, Bergmann, Robinson and others, 10c each. Cash. Order money orders.

COTTAGE GREENHOUSES, Litchfield, Ill.

Chrysanthemums. STOCK PLANTS, very strong, from open ground, principally H. Robinson, Marion Henderson, Kate Brown, some O. F. Bassett, \$3.00 per 100. EXPRESS PREPAID. Cash with order.

EICHLING SEED AND NURSERY CO., New Orleans, La.

COL. D. APPLETON chrysanthemum, strong stock plants, 6 for \$1.00; \$1.50 per doz.; 25 or more, 10c each. No order filled for less than \$1.00. Cash with order.

Rooted cuttings of Eaton, Nellie Pockett and Mrs. E. D. Smith in due season.

W. A. CHALLANT, Springfield, Mo.

Field-grown mums and from bench. Col. D. Appleton, 15c each, \$1.50 per doz; W. H. Chadwick, Golden Wedding, October Sunshine, Yellow and Yellow and White Fitzwygram, 10c each, \$1.00 per doz.

R. P. Hills, 1000 N. 8th Ave., Maywood, Ill.

Stock plants of Glory of Pacific, Vivand-Morel, M. Block, Robinson, Bonafon, Chadwick, Buetner and Lincoln, \$3.00 per 100. H. F. Gerhardt, 27 Waterloo Ct., Chicago.

Chrysanthemums, 2 1/2 and 6 in. bushy plants, mixed colors, \$2.50 and \$3.00 per doz. Stock plants of Glory of Pacific, 60c per doz. W. H. Haebich, Auburn, Ind.

Pot-grown chrysanthemums, good, bushy plants, assorted colors, 5-in., \$3.00 per 100; 6-in., \$5.00 per 100.

EVENDEBROS, Williamsport, Pa.

CINERARIAS.

Cinerarias, large, transplanted, ready for pottin, \$1.50 per 100; 400 for \$1.00. Out of 24-in., \$2.00 per 100; 300 for \$2.00. \$1.00 per 100; 400 for \$1.00. Whitton & Sons, City and Green Sts., Utica, N. Y.

Cinerarias, fine stocky plants, prize strain, 2-4-in., \$2.50 per 100; 3-6-in., \$1.00 per 100; 100 for \$10.01. Cash. S. Whitton, 17-17 Gray Ave., Utica, N. Y.

Cinerarias, fine plants, \$4.00 and \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Cinerarias for Easter blooming, \$3.00 per 100. Cash. J. W. Miller, Hatton, Pa.

Cinerarias, 2-in., \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

CLEMATIS.

16,000 Clematis paniculata, strong, field-grown, must be sold; cheap. Send 10c for sample and prices. Frank Jenck, Box 238, Newport, R. I.

COLEUS.

Coleus, rooted cuttings, 3 1/2 in., 60c per 100, \$5.00 per 1000, express paid. Cash. S. D. Brant, Clay Center, Kan.

Coleus, rooted cuttings, in variety, 50c per 100, 60c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Coleus Verschaffeltii, 2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Coleus, rooted cuttings, in variety, 60c per 100 postpaid. Theo. Fuhr, Becht, Ohio.

CYCAS.

Cycas revoluta, 3 large plants in good condition, 2 to 3-ft. stems, about 50 leaves each, 2 to 3-ft. long, \$25.00 each; the 3 for \$60.00. James Morton, Clarksville, Tenn.

Cycas revoluta, 5 to 8 yrs., \$6.00 per doz; 8 to 10 yrs., \$10.00 per doz. Cash. A. J. Baldwin, Newark, Ohio.

Cycas. Ask for special price list. **ROBINCK & ATKINS**, RUTHERFORD, N. J.

CYCLAMEN.

Cyclamen per, gigante, in bud and bloom, 3-in., \$5.00 per 100; \$40.00 per 1,000. 4-in., \$8.00 per 100; \$70.00 per 1,000. Whitton & Sons, City and Green Sts., Utica, N. Y.

Cyclamen persicum giganteum, fine 2-in. stock, \$2.50 per 100. Cash, please. Pierce & Johnson, Adrian, Mich.

Cyclamen giganteum, 4-in., \$12.00, 3-in., \$7.00 per 100. Showing bud. Cash. C. L. Osborn, Sidney, Ohio.

Cyclamen, 5-in., \$4.00 per 100. Cash. J. W. Miller, Hatton, Pa.

CUT BLOOMS.

CHRYSANTHEMUM BLOOMS, 3,000 extra blooms of yellow, white and pink, 5 to 10 inches in diameter, for retail sell cheap. Mrs. E. W. Starke, Florist, Troy, Ala.

CYPERUS.

Cyperus papyrus, 2½-in., \$2.50; 3-in., \$4.00; 4-in., \$6.00 per 100. C. G. Fapsch, Moorestown, N. J.

DAHLIAS.

SPEDSMEN AND NURSERYMEN planning to list DAHLIAS for their SPRING CATALOGUES should send for my trade list at once. W. F. LATHROP, East Bridgewater, Mass.

Dahlia G. D. Alexis, A. D. Livoni, Agnew, Bruton, Purdy, Storm King and 20 other select sorts. Write for prices. C. Betscher, Canal Dover, Ohio.

DAISIES.

Rooted cuttings of daisies, white and yellow, \$1.00 per 100; \$5.00 per 1000, express paid. C. Humfeld, Clay Center, Kan.

Paris daisies, rooted cuttings, \$1.00 per 100 by mail. Main & Fear, Glouceville, N. Y.

White Marguerite daisies, 3-in., \$2.00 per 100. E. I. Rawlings, Quakertown, Pa.

DRACAENAS.

500 Dracaena indivisa, strong plants, 5-in. pots, \$10.00 per 100; 4-in. pots, \$6.00 per 100. Louis Untermyer, Springfield, Ill.

Dracaena indivisa, per 100; 3½-in. pots, \$4.00; 4-in. pots, \$6.00; 5-in. pots, \$30.00. A. Schmitt, Glenville, Ohio.

DRACAENA AUSTRALIS, extra strong, field-grown, \$3.00 per 100.

CHAS. H. CAMPBELL, Richland, Cal.

Dracaena indivisa, 5-in. pots, \$25.00 per 100. Isaac H. Moss, Govanstown, Baltimore, Md.

Dracaena indivisa, from field, 18 to 24 in., \$15.00 per 100. C. Merkel & Son, Mentor, Ohio.

Dracaenas, 2½-in., \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ERICAS.

ERICAS a specialty. Anton Schulchke, P. O. Box 78, College Point, New York City. Write for price list.

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FERNES.

BOSTON FERNS.

Table listing Boston Ferns with columns for variety, price per 100, and price per 1000. Includes varieties like 2-in. Boston, 4-in. Boston, etc.

Boston ferns, very bushy from pot up, ready for potting, 5-in., 25c; 6-in., 40c; 8-in., \$1.00; 9-in., \$1.50. These are magnificent plants and strong and compact grower, 3/4-in., \$5.00; 4-in., \$15.00 for 100. Try It. C. G. Fapsch, Moorestown, N. J.

Assorted ferns for fern dishes. Strong plants out of flats, \$1.10 per 100 by mail, \$1.00 by express; 2 1/2-in., \$2.50 (tremula); 3-in., \$5.00; 4-in., \$8.00. Pteris tricolor compacta (fern fern), strong and compact grower, 3/4-in., \$5.00; 4-in., \$15.00 for 100. Try It. C. G. Fapsch, Moorestown, N. J.

100 choice ferns, from flats, mailed for \$1.25; \$10.00 per 1,000. Here are the best sorts—davidia, adiantum, pteris, lomaria, nephrodium, lygodium, etc., etc. Fill a 2-in. pot at 100 and make fine plants by autumn. John H. Ley, Good Hope, Washington, D. C.

A. capitis veneris imbricatum, 2 1/2-in., \$3.00; 3-in., \$5.00 per 100. Nephrodium cordifolia, 3-in., \$5.00 per 100. Davallia lutea furcans, 6-in. pans, 60c each; \$8.00 per doz. Nathan Smith & Son, Adrian, Mich.

Hardy ferns for cultivation. Try them in your plantings; they will thrive and increase in beauty where other plants fail. Catalogue of the and other hardy plants. Edw. Gillett, Southwick, Mass.

To make room. Boston ferns from bench, a few hundred feet, bushy plants, 14 fronds and up, ready for 7-in. pots, \$18.00 per 100; runner, \$1.00 per 100. Wm. H. Kuld, Norwood, Mass.

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Boston ferns, 4-in., 10 fronds, 15c per doz.; \$6.00 per 100. 2 1/2-in., strong, \$3.00 per 100; \$25.00 per 1000. Cash. John A. Doyle Co., Springfield, Mass.

Boston ferns, all sizes. Ask for special grade list. BOBBINK & ATKINS, RUTHERFORD, N. J.

1000 Boston ferns, 1 and 5 in. Will sell cheap. Write Benj. Cornell, West Grove, Pa.

Boston ferns. We have a fine lot of 5, 6 and 7-in. Geo. A. Kuhl, Pekin, Ill.

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GERANIUMS.

Standard roots, \$1.00 per 100, \$10.00 per 1,000. Newer sorts, \$3.00 per 100, \$20.00 per 1,000. Jean Vliard & M. de Castellane, \$5.00 per 100. Adams, \$5.00 per 100.

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GERANIUMS. Northern-grown stock. Strong rooted cuttings of S. A. Nutt, Mme. Brunn, mixed pink and others, \$1.25 per 100, \$11.00 per 1,000. Saller, \$1c per 100. SANFORD LINDAS, 50c per 100; HELIOTROPES, \$1.50 per 100. B. B. PLAIR, Charlevoix, Mich.

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Geraniums, rooted cuttings, \$1.50 per 100, white, pink, scarlet and crimson; single or double. Cash with order. Satisfaction guaranteed. H. P. Gerhardt, 27 Waterloo Ct., Chicago.

Geraniums. Thirty varieties, all colors, single and double. August stock, out 2 1/2 in., fit to top within few days, \$3.00 per 100; \$25 per 1,000. Keller, Mt. Hope Florist, Rochester, N. Y.

10,000 rooted cuttings, good varieties, separate packages, \$1.00 per 100; \$10.00 per 1,000. Otis F. Seales, Nashua, N. H.

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We offer also a complete assortment of all standard varieties of Shrubs, Hardy Climbing Vines, Insects in Damers, Rose of Sharon, etc. varieties, and Chrysanthemums. We aim to have every plant worth growing. Send us your list for catalogue. The Dungee & Conard Co., West Grove, Pa.

Forest tree and shrubbery. The largest stock of forest trees and shrubbery in this part of the country. We can supply trees from 1 to 10 inches in diameter. 1000 California Privet, 2 to 4 ft., very fine. Also a full assortment of other nursery stock. Florists, gardeners and growers supplied in all sizes in large or small quantities. A personal inspection of our stock is invited. Send for catalogue or catalogue. Address Stephen Hoyt's Sons, New Canaan, Conn.

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I have for sale a fine stock of the hardy Lily Tomfoolium.

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Choice HOLLY, well-berried and cut fresh from the trees, \$2.00 per crate of 16 cubic feet; \$5.00 for 3 crates. Cash with order. J. PALMER GORDON, Ashland, Va.

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English Ivy, 3 to 4 ft., field-grown, \$4.00 per 100. Wm. S. Herzog, Morris Plains, N. J.

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CHAS X. and MARIE LEGRAYE, pot-grown, extra fine, well set with flower buds, \$3.00 per 100; \$25.00 per 1000. Newark, New York.

LILACS imported, pot-grown, strong. Chas. X. and Marie Le Gray, low price. C. H. Joosten, 85 Day St., New York City.

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Lily of the Valley, home grown stock, just as good for late forcing as imported stock. 3-year-old slips of same, \$5.00 per 100; \$30.00 per 1000. One and 2-year-old slips for planting, \$2.50 per 100, \$20.00 per 1000.

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Fine, stocky plants of the large-flowering market variety, from selected seeds, 2-in. pots, \$3.00 per 100. W. Meyer, 2213 So. Jefferson Ave., St. Louis, Mo.

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Fresh English MILLTRACK mushroom spawn. Just received. Per brick (about 1 1/4 lbs.), 15c. Postpaid 25c. 100 lbs., \$15.00; 100 lbs. \$6.00; 1,000 lbs., \$55.00. 250 lbs. at 1,000 lb. rate. Johnson & Stokes, 217-219 Market St., Philadelphia, Pa.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

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Best named sorts; beautiful, bushy plants. Blooming size, fruited 2 years; 12-in., \$30.00 per 100. Not less than 50 at this rate. P. J. BERCKMANS CO., Augusta, Ga.

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We have always on hand a stock of established and unestablished orchids. A number of variety in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J. Strong, well established, healthy plants at \$3.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

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PALMS Strong, hardy stock. ARECA LUTESCENS, 3 plants together, 4-in., 25c; 6-in., 75c and \$1.00; 8-in., \$2.00 and \$3.00. KENTIA BELMOREANA, 4-in., 25c, 40c and 50c; 6-in., 75c and \$1.00; 8-in., \$2.00, 3 plants together, bushy and handsome, 6-in., \$1.50; 7-in., \$2.00; 8-in., \$2.00 and \$3.00. KENTIA FORSTERIANA, 4-in., 25c and 40c; 6-in., 75c; 3 plants together, 8-in., \$2.50 and \$3.00.

LANTANIA BORONICA, 4-in., 25c; 6-in., 50 and 60c; 8-in., \$1.00. LANTANIA BORONICA, 4-in., 25c, 40c and 50c. DRAKONICARMINALIS, 6-in., 50c. FIGUS ELASTICA, 6-in., 50c each. PANDANUS UTILIS, 4-in., 25c; 5-in., 25c. PANDANUS VEITCHII, Cocos Weddelliana, Draecena Sandrana, etc., in popular sizes.

A large stock of strong and healthy young plants in 2 1/2 and 3-in. pots, of all kinds. Write for descriptive price list. CHAS. D. BALL, Holmesburg, Philadelphia.

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4-in. pots, 5 to 7 leaves..... 12 100
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Three plants in pot, 12 160
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PALMS. Home-grown, strong and healthy.

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KENTIA BELMOREANA.

Table with columns: Pot size, Leaves, Height, Price per 100, Price per 1000. Includes KENTIA FORSTERIANA.

KENTIA FORSTERIANA.

Table with columns: Pot size, Leaves, Height, Price per 100, Price per 1000. Includes HEACOCK.

HEACOCK, Wyncoffe, Pa.

The following varieties and sizes of PALMS are of special value, being larger and in general variety better stock than I have ever offered for the same prices.

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Table with columns: Pot size, Height, Price per 100, Price per 1000. Includes KENTIA BELMOREANA.

KENTIA BELMOREANA.

Table with columns: Pot size, Leaves, Height, Price per 100, Price per 1000. Includes KENTIA FORSTERIANA.

KENTIA FORSTERIANA.

Table with columns: Pot size, Leaves, Height, Price per 100, Price per 1000. Includes PANDANUS UTILIS.

PANDANUS UTILIS, 16 inches high, fine, 60c each.

Cycas, 2 pairs, 26 to 30 leaves, 3 1/2-ft. long, grand plants, \$20.00 per pair.

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PHOENIX SYLVESTRIS and TENDIS.

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LANTANIA BORONICA, 50c to \$5.00 each.

CAENA terminalis, 25c per 100. Anton Schultze, P. O. Box 78, College Point, New York City.

If you want some well grown, stocky Kentia and Lantania, write us. We have an immense stock.

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Palms, per 100; Lantania boronica, 2 1/2-in., \$2.50; Kentia Belmoreana and Forsteriana, 3-in., \$1.25. Morris Floral Co., Morris, Ill.

Kentia in all sizes. Ask for special trade list.

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Best strain of Giant Trimardeau, mixed, 5c per 100 by mail; \$3.00 per 1,000 by express.
GIANT MME. FERRIER. This is the most wonderful improvement yet for size, color and perfection of form of flowers. A grand material for all. 5c per 100 by mail; \$5.00 per 1,000 by express.

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Giant of California pansy plants, \$1.00 per 100; \$100 per 10,000; from seed beds, transplanted plants, \$2.00 per 100. We guarantee safe arrival of plants. **Mitting Floral Co.,** Loomis, Cal.

Giant Trimardeau from Dreer's seed. Fine plants, \$3.00 per 1000. By mail, 50c per 100. Cash, please. **R. Kibbourn, Clinton, N. Y.**

Good, strong Trimardeau pansy plants, 75c per 100 by mail; by express, \$4.00 per 1,000. **Harry White, New Holland, Ind.**

Pansies worth raising. Good plants, \$4.00 per 100; \$2.50 per 500. Cash. **Chr. Soltan, 199 Grand Ave., Jersey City, N. J.**

Best pansies, 20 best colors assorted, 50c per 100; \$4.00 per 1000. Cash. **Van Aken Bros., Coldwater, Mich.**

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Giant Trimardeau, from seed, \$3.00 per 1,000. Cash. **O. F. Searies, Nashua, N. H.**

Pansy plants, 50c per 100, \$3.00 per 1000. Cash. **Jos. H. Cunningham, Delaware, Ohio.**

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Pelargonium (scud) cuttings, named, \$2.00 per 100. Cash. **S. D. Brant, Clay Center, Kan.**
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Our double fringed petunias this year are finer than ever. 12 selected varieties, every one a gem. Strong rooted cuttings, \$1.25 per 100, \$10.00 per 1000; Henderson's Sals (white), \$1.50 per 100, Cash. **Buckley Plant Co., Springfield, Ill.**

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Primroses, mixed Chinese, 2-in., extra fine, new, 4c per 4-in., \$2.50 per 100. Cash, please. **Pierce & Johnson, Adrian, Mich.**

Primrose Forbesii, or Baby, in bloom, 2 1/2-in., \$2.00 per 100. **Nathan Smith & Son, Adrian, Mich.**

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PRIVET, 2 to 3 ft., \$2.50 per 100; \$25.00 per 1,000. 18 to 24 in., \$2.50 per 100; \$15.00 per 1,000. 12 to 18 in., \$1.75 per 100; \$10.00 per 1,000. 5 to 12 in., \$1.00 per 100; \$4 to 5 ft., \$7.00 per 100. 5 to 7 ft., \$4.00 per 100.

MERTLE Vinca minor, \$1.25 per 100; \$10.00 per 1,000. Privet cuttings, \$5.50 per 10,000.

Cash. **4th Ave., Asbury Park, N. J.**

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A bargain in 2-year-old roses. Good, strong plants, \$3.00 per 100.

Winnie Davis, White La. France, Perle, D. of France, Roger Lambelin, Kaiserin, C. Souper, Maman Cochet, Jas. Jacqueminot, and many others.
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HELEN GOULD, or Baldwin. Although the identity of this is in dispute we were so satisfied with it that we planted it largely. Plants from 2 1/2-in. pots, March and April delivery, 12 for \$5.00; 100 for \$20.00; 500 for \$20.00. **Waban Rose Conservatory, Natick, Mass.**

Field-grown roses. Strong 3-year-old **White MAMAN COCHET**, \$5.00 per 100; \$50.00 per 1,000. Strong 2-year-old **CRIMSON RAMBLER**, \$5.00 per 100; \$5.00 per 1000. Not less than 50 sold at 100 rate nor less than 100 at 500 rate. **CASAR H. MOSS, Govanstown, Baltimore, Md.**

Field-grown roses, 50 varieties, 1 to 3 ft., 75c per doz. **CRIMSON RAMBLER**, 4 ft. and over, \$3.00 per 100; 2 ft. and below, \$1.50 per 100. **Wm. K. Nelson, Augusta, Ga.**

Choice hardy H. P. roses, own roots; 10 fine popular kinds, field-grown; nice stocky plants, \$1.25 per doz., \$5.00 per 100. **F. A. Baller, Bloomington, Ill.**

Malds and Brides, large, bushy plants, 2 1/2-in., \$3.00; 3-in., \$2.50; 2 1/2-in., \$1.50 per 100. Big bargain; worth double. **W. H. Gullett & Sons, Lincoln, Ill.**

ROSES. Brides, Malds and Meteors, to close out, fine, 3-in. stock, \$3.00 per 100.

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Roses. H. F. roses, Crimson Ramblers, H. T. roses. Ask for special list for prices.
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American Beauties, R. C., \$1.50 a 100.
 Stabenov Bros.,
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Manetti stocks for fall delivery.
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BRANCHING RUBBERS.
 \$5.00 per hundred,
 \$5.00 per dozen.

Single stem, 24 to 30-in., \$5 per doz.
 Shipped in Neenah pots.
GROVEDALE NURSERY, PHILADELPHIA, PA.
A. MALLON, JR., MGR.,
 Fisher's Lane and Wyoming Ave.,

5 large rubber trees, fine plants, 7 to 3 ft. high, \$6.00 each; the 5 for \$25.00. Will exchange for small palms or ferns. **James Morton, Clarksville, Va.**

300 Ficus elastica, \$3.00, \$4.00 and \$6.00 per doz. Extra large, 4 ft. high, full of leaves, \$10.00 per doz. **Louis Unverzagt, Springfield, Ill.**

Ficus elastica, cuttings, 12-in., \$30.00 per 100. Not less than 50 at this rate.

P. J. Berckmans Co., Augusta, Ga.

SALVIA.

Salvia Bonifre, 2 1/2-in., \$2.00 per 100. Salvia Splendens and Salvia Bonifre, rooted cuttings, 5c per 100, by mail 60c. Cash. **R. Vincent, Jr. & Son, White Marsh, Md.**

Rooted cuttings of salvias, 5 varieties, \$1.00 per 100, express paid. Cash. **S. D. Brant, Clay Center, Kan.**
 If you read these ads. others would read yours.

SEEDS.

England's Prize Strain of **CYCLAMEN GIGANTEUM** seed grown by an English specialist. We offer the following choice varieties at 40c for 50 seeds; 75c for 100 seeds: **Crimson Queen, rich maroon;** **Dixon Hartland, pure white;** **Prize Impatiens, white;** **Cambridge, superb cherry color;** **Rosy Morn, rose, clear blue;** **White Swan, grand flower and profuse bloomer;** **English Prize Mixed, comprising the above superb varieties.**
JOHNSON & STOKES, 217 Market St., Philadelphia, Pa.

FRANCIS BRILL,
 Hempstead, Long Island, N. Y.
WHELESALE SEED GROWER,
SPECIALISTS—Long Island California Seed and American-grown California Seed.
 Trade price list free.

MICHELL'S Mammoth VERENAS, colors bright and pleasing. Scarlet, white, blue and pink. Also choicest mixed, 3/4 oz., 50c; 1 oz., \$1.50.

H. P. MICHELL, 1018 Market St., Philadelphia, Pa.

Our wholesale price list of high-class seeds for florists has been mailed to the trade. If you have not received a copy send for one now. **Thorburn & Co., 35 Cortlandt St., New York.**

KENTIA SEED (Belmorena), \$3.50 per 1,000; \$30.00 per 10,000. Extra large, fine, sound seed; our own direct importation.
Jackson & Perkins Co., Newark, New York.

NEW SWEET FEA seed. California Blue Bell and California Red Eye, 30c each, \$4.00 per lb.; 3/4 lb. at lb. rate. **Mitting Floral Co., Loomis, Cal.**

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Sweet Pea seed and other California-grown seed. Send for list. **H. Berger & Co., Barclay St., New York.**

Asparagus Sprengeri seed, 50c per 100, \$2.00 per 1000. Cash. **Jos. H. Cunningham, Delaware, Ohio.**

Seeds of **Eulalia Japonica**, 4 1/2-oz. Mrs. **M. E. Patterson, Glendale, Cal.**

Pansy seed, choicest mixed, \$3.00 per 100. Cash. **Morris Floral Co., Morris, Ill.**

SMILAX.

Delivered, cash with order. 100 1000
 Strong roots, 2-in. diameter..... \$3.15 \$32.50
 Strong roots, 2-in. diameter..... 2.50 16.50
 Strong roots, 1-in. diameter..... 1.25 9.00
 Young seedlings, 2 1/2-in. diam.50 5.00

Violet Princess of Wales, \$9.00 per 100, prepared for trade.
THEODORE W. SHEPHERD, Ventura-by-the-Sea, Cal.

Fine large plants, 2 1/2-in., \$1.25 per 100, \$10.00 per 1000. **J. C. Schmidt, Bristol, Pa.**

Smilax, 2 1/2-in., \$2.00 per 100. Cash. **R. Vincent, Jr. & Son, White Marsh, Md.**

Smilax, 2 1/2-in., \$1.00 per 100. Cash. **Morris Floral Co., Morris, Ill.**

STEVIA.

Stevia var., 2-in., \$2.00 per 100. Cash. **Greene & Underhill, Watertown, N. Y.**

SWAINSONA.

Swainsona alba, 3-in., \$2.00 per 100. Cash. **R. Vincent, Jr. & Son, White Marsh, Md.**

UMBRELLA PLANTS.

Umbrella plants, 2 1/2-in., \$2.50 per 100; \$20.00 per 1,000. Cash. **John A. Doyle Co., Springfield, Ohio.**

VEGETABLE PLANTS.

Vegetable plants. Cabbage and lettuce, all the leading varieties, cheap in large lots. Write for price. **J. S. Linthicum, Woodwardsville, A. A. Co., Md.**

Grand Rapids lettuce plants, from Livingston's superior strain, 15c per 100, \$1.25 per 1000. Cash. **Chas. Sommer, Amelia, Ohio.**

Vegetable plants. All the vegetable plants in their season, by the 100, 1,000 or 10,000. **R. Vincent, Jr. & Son, White Marsh, Md.**

Grand Rapids lettuce plants at 15c per 100. Good plants. **John H. Trentmann, Delphos, O.**

VERBENAS.

20,000 plants of our finest varieties now ready, \$2.50 per 100, \$20.00 per 1,000. Rooted cuttings, 50c per 100, \$5.00 per 1,000. **L. L. Dillon, Bloomsburg, Pa.**

Lemon verbenas, 2 1/2-in., \$2.00 per 100. Verbenas, rooted cuttings, 50c per 100, 60c by mail. Cash. **R. Vincent, Jr. & Son, White Marsh, Md.**

Rooted cuttings of verbenas, all standard named kinds, 60c per 100, \$5.00 per 1000, express paid. Cash. **S. D. Brant, Clay Center, Kan.**

Rooted cuttings of verbenas, named, 60c per 100, \$5.00 per 1000, express paid. **C. Humble, Clay Center, Kan.**

Lemon verbenas, rooted cuttings, \$1.50 per 100. **Greene & Underhill, Watertown, N. Y.**

VINCAS.

Vinca var., rooted cuttings, \$1.25 per 100; \$10.00 per 1000. 2 1/2-in., \$2.00 and \$2.50 per 100; 500 or C. O. D. **Greene & Underhill, Watertown, N. Y.**

5000 Vinca major var., field; long tops, \$5.00 per 100. Cheap for cash. **Write Benj. Connell, West Grove, Pa.**

Vinca var., field-grown, 6in., \$5.00 per 100. Cash. **A. J. Ernst, Newark, Ohio.**

Variiegated Vinca, from field, \$1.00 per 100. **C. Perks & Sons, Mentor, Ohio.**

VINES.

100,000 VINES.
Ampelopsis Quinefolia. Extra strong, 3 years, field-grown, \$4.00 per 100, \$40.00 per 1000.

Ampelopsis Veitchii. Extra strong, 2 years, field-grown, \$7.00 per 100, \$50.00 per 1000; strong, 4-in. pots, \$5.00 per 100.

Clematis Paniculata. 1 year, field-grown, \$3.50 per 100, \$30.00 per 1000; 3 years, strong, field-grown, \$6.00 per 100, \$50.00 per 1000.

Ivy. English 2 years, strong, from 4-in. pots, 3 feet, \$10.00 per 100, \$80.00 per 1000; 3 years, strong, 4-in. pots, 2 to 5 feet high, \$15.00 per 100, \$125.00 per 1000.

Honeysuckle. Aurea, Reticulata, Brachy-poda, 2 years, \$4.00 per 100, \$40.00 per 1000; 2 years, strong, field-grown, \$5.00 per 100, \$40.00 per 1000; 3 years, strong, field-grown, \$6.00 per 100, \$50.00 per 1000.

MOUNT AIRY NURSERIES,
 736 Germantown Ave., Philadelphia, Pa.
THIADEUS N. YATES & CO.

VIOLETS.

Violets, Princess of Wales, field-grown, \$3.00 per 100. **California, field-grown, \$4.00 per 100.** The above are in bud and bloom. **Nathan Smith & Son, Adrian, Mich.**

Violets, 500 Swanley White and Lady Campbell from 2 1/2-in. pots, \$2.00 per 100. **Crabb & Hunter, Grand Rapids, Mich.**

Princess of Wales and Swanley White violet bunches, \$3.00 and \$3.50 per 100. Cash. Benj. Conell, West Grove, Pa.

California violets, large clumps in bud and bloom, \$2.50 per 100. Wm. S. Herzog, Morris Plains, N. J.

Princess of Wales violets, 2 1/2-in., \$3.00 per 100, \$2.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Field-grown violets, 5,000 Lady Campbell and 10,000 Princess of Wales. Wm. Sim, Clifton, Mass.

MARIE LOUISE violets, strong plants, \$2.50 per 100. Mrs. L. P. Setton, Richfield Springs, N. Y.

California violets, 300 fine field-grown, in bud and bloom, \$3.50 per 100. Cash, please. Pierce & Johnson, Adrian, Mich.

La France violets, 4-in., \$6.00 per 100. Greene & Underhill, Watertown, N. Y.

TO EXCHANGE.

To Exchange—Dahlia clumps, 6 varieties, and canna clumps to exchange or will sell cheap. Make me an offer. A. Bramley, Birmingham, Iowa.

To Exchange—5 large Rubbers at \$6.00 each for small palms and ferns. James Morton, Clarksville, Tenn.

WANTED.

Wanted—500 lettuce plants, of some curled variety, for cold-frame; true Boston Curled or Green Fringed preferred. State price. O. P. Seales, L. B. 288, Nashua, N. H.

If you read these advs. others would read yours.

COLD STORAGE.

Lilium Longiflorum, Rolker's special retarders, take the place of early-flowering Harrisii; delivery spring and summer 1902. Place orders now. A. Rolker & Sons, 32 Deay St., N. Y. City.

CUT FLOWER BOXES.

Star Florists' Boxes, Edwards & Ducker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes, T. J. W. Setton Mfg. Co., 21-23 S. Jefferson St., Chicago.

Fishing Florists' Boxes, Bolton & Hunkel Co., Milwaukee, Wis.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

SEMINOLE SPECIALTIES. Palm Leaves, Crowns, Trunks and Buds; Needle Pines, Magnolia Leaves and Branches, Spanish Moss, Tillandsias, Pineapple Plants, Laurel, etc. Lowest prices; most liberal terms. SEMINOLE PALM CO., Haines City, Fla.

30,000 XMAS TREES, well shaped, all sizes from 4 to 20 ft., selected by our own men. Evergreen wreathing, Green and Holly. Send us a list of your wants to be figured on. W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Fancy and Darger ferns always on hand. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Darger or Fancy Ferns, 75c per 1000. Laurel festooning, 4, 3 and 4c per yard. Crowl Fern Co., Millington, Mass.

Southern Wild Smilax, new crop ready now. Caldwell The Woodman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterston, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

PURE BONE MEAL—The brand we are selling has no superior, 50 lbs., \$1.00; 100 lbs., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$14.00; ton, \$27.00. FULCRIZED SHEEP MANURE—One of the most effective fertilizers. Price per sack of about 2 bushels, weighing 90 to 100 lbs., \$1.50 to \$2.00.

HORN SHAVINGS—Especially useful where bedding plants are largely grown. 25 lbs., \$1.00; 50 lbs., \$2.00; 100 lbs., \$3.50. E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

FLORISTS' SUPPLIES.

VIOLET TIN FOIL, 50 cents a lb.; 10 lbs. for \$4.50. VIOLET CORDS and TASSELS, all styles and colors. Samples cheerfully forwarded on request.

RIBBONS! RIBBONS! RIBBONS! For every conceivable purpose in the florists' business. All widths, shades and qualities. Color card and samples forwarded. A postal card does it. E. H. HUNT, 76-78 Wabash Ave., CHICAGO.

GALAX LEAVES.

GALAX LEAVES.

Galax leaves. For latest prices bring and green galax leaves, and Leucothoe sprays, address the introducer.

Harlan P. Kelsey, 318 Tremont Bldg., Boston, Mass.

Reduction in price of Bronze Galax. DELIVERED FREE anywhere in U. S. for ONE DOLLAR per thousand.

American Rose Co., Washington, D. C.

The new green GALAX shipped by express; quality good. Bronze GALAX shipped from cold storage, New York. Write for prices. J. G. Lynch, Montclair, N. C.

Bronze and green galax leaves. Write for prices in large quantities. H. M. Robinson & Co., 25-26 Court Sq., Boston, Mass.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots. Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

Farin & Orndorff Co., Canton, Ill.

GLASS, ETC.

Try LUCAS for Glass, Paint and Putty. Pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make special greenhouse putty. Write on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Greenhouse glass a specialty. D. O. Cunningham Glass Co., Pittsburg, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 205-200 Randolph St., Chicago.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J. Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikotene. Does not injure the most sensitive plants. Indestructible bromine crystals. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikotene. Sold by seedsmen. Circular free. Kubaicura Dip Co., Chicago.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application. A. H. Hewes & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 24th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., Incorporated, Manufacturers of Flower pots, Philadelphia, Long Island City, N. Y.; Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you. The Ziegler Pottery & Pottery Co., Toledo, Ohio.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices. Harrison Pottery, Harrison, Ohio.

Red Pots. Sample pot and price list on application. C. C. Polworth Co., Milwaukee, Wis.

Red Pots. Colesburg Pottery Co., Colesburg, Iowa.

SPHAGNUM MOSS.

Why not buy your sphagnum moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10-bale lots, \$5.50. Sample, 5 lb. bale, Z. K. Jewett & Co., Sparta, Wis.

Clean, fresh, 5 lb. bale, \$1.00; 3 bales, \$2.50; 5 bales, \$1.00. H. R. Akers, Chatsworth, N. J.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices. The Palen Co., Kingston, N. Y.

TOBACCO STEMS.

Fresh stems, 500-lb. bales, \$1.50. Cash. W. C. Beckert, Allegheny, Pa.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and are durable. Sample 100, prepaid, for 50c. H. Thaden & Co., Atlanta, Ga.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and string wires. Igoo Bros., 226 North 10th St., Brooklyn, N. Y.

DO NOT TIE UP roses or carnations until you have read our circular on wire. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1123 Pine St., St. Louis, Mo. Desig. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterston, 45, 47, 49 Wabash Ave., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 24th St., New York.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago

A FLORAL LOVE STORY.

Fair Marigold, a maiden fair; Sweet William was her lover,
Their path was twined with bitterness; it did grow through clover;
The lady's tresses raven were, her cheeks a lovely rose;
She wore fine lacy slippers to warm her small pink toes.
Her puppy was an elder, who had a mint of gold—
An awful old snapperdog to make one's blood run cold!
His temper was like sour grass; his daughters' heart he wrung
With words both fierce and bitter—he had an lover's tongue!
The lady's hair was like the wax, of pure Germanic
He wore a Dutchman's breeches; he smoked a Dutchman's pipe.
He wore a Dutchman's breeches; by the pound and the dram
He was a Dutchman's choicest wintergreen;
She painted him forget-me-nots, the bluest ever seen!
He couldn't serenade her with the nightshade lark,
For every thyme he tried it her father's dog-wood bark.
And so she set a certain day to meet at four o'clock
Her face was pale as snowdrops, e'en whiter than her frock.
The lover vowed he'd pine and die if she should say him no.
And then he kissed her beneath the mistletoe.
"My love will live forever, my sweet; will you be true?
Give me a little heartease, say only, 'I love you.'"
She faltered that for him alone she'd orange blossom wear;
Then swayed like supple willow and tore her maidenhair;
For, madder than a hornet, before them stood her pop,
Who swore he'd cane the fellow until he made his hop!
Oh! quickly rose Mary. She cried: "You'll rue the day,
Most cruel fair! Haste, my dear and lettuce flee away!"
But that inhuman parent so plied the birch rod
He settled all flirtation between that hapless pop.
The youth a monastery sought and donned a black monks hood;
The maiden ate poison ivy and died within a week.
—New York Tribune.

MEMORIAL TREES.

Orlin M. Sanford of Pittsburg, has started a movement in favor of planting trees in memory of the late President McKinley next Arbor Day and has written to a number of governors of states in regard to the matter. Governor Nash, of Ohio, replies that he will probably make such a recommendation in his Arbor Day proclamation.

Walter Retzer & Co.

2045-59 North Halsted Street, CHICAGO.

Headquarters for **PERFECT STOCK.**

LATANIAS, 7-inch, 7 to 9 leaves,
\$9.00 per dozen; \$70.00 per hundred.
Worth one dollar each.

These Palms cannot be excelled in quality or be duplicated for the money. Rush your orders along. First come, first served.
SEND FOR PRICE LIST.

Our Latanias are better than those which other firms sell at \$12.00 a dozen. Our phenomenal success at the Chicago Flower Show last week is an indication of the grand stock we handle.

See our classified advs. under headings "Palms" and "Asparagus" in this issue of the Review.

Mention The Review when you write.

SPIREA FOR EASTER.

"Bob" asks "the time to plant spirea to have them in bloom at Easter?"

The time of planting is of little consequence. When first received in the fall they can be stored away with some earth around them in a cold frame. Not later than New Year's pot them into 6, 7 or 8-inch pots, according to the size of the clumps, and start growing in the greenhouse at once. For the first month start them in a temperature of 50 degrees and afterwards they will take a higher temperature. As Easter is very early this year they will want all the time from New Year's on to get them in.

Two important points in forcing spirea are: An abundance of water at all times and no fumigating with tobacco.

WILLIAM SCOTT.

THE KANSAS CITY SHOW.

The final premium list for the great exhibition to be held in Convention Hall, Kansas City, Mo., Nov. 18 to 23, has been issued.

The premiums are very liberal and there are some "specials" that break the record for anything offered in the past in any city. The liberal prizes for 100 American Beauty roses are interesting many rose growers. And in this connection Mr. Thorpe wishes us to announce that the final awards on cut flowers will be made immediately after they are staged and that exhibitors should see that they are at their best at that time.

Copies of the premium list may be had by addressing F. J. Taggart, Director-General, or John Thorpe, Superintendent, Convention Hall, Kansas City, Mo.

OUR TITLE PAGE.

On our title page for this issue will be found engravings from three photographs taken at the Chicago show. That in the center shows part of the display of roses and some of the chrysanthemum blooms entered in the international competition. The other two are vases of roses and chrysanthemums arranged by the Anderson Floral Co.

THE E. G. HILL CO.

Wholesale
Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

GLADIOLUS.

ADLAMI, CRUENTUS, DRACO, DURBAN and other rare species.

Extra White and Light Pinks and other choice mixtures to color. Augusta, Ben Hur, E. Scribe, May, White Lady, etc. Peerless Strain—a high class mixture. Premier Strain—an excellent commercial mixture. July 50 per cent. light shades, no cheap or questionable stock in it. Crawford's "Standard" Mixture—another excellent commercial mixture, containing some of the finest possible to buy. A large stock of Bulbets and small planting stock.

CARNAS. Altemannia, Black Beauty, Black Prince, F. Vaughan, Inglewood, Trianarcia, Pandora, Partenope and many other best sorts.

CALLAS. Fragrance, Godfrey, Lemon Giant, Yellow and Spotted, Crinums, Chlidanthus, etc.

DAHLIAS. Agnew, Bruton, Livonia, Storm King, Purity and many other select sorts.

GERANIUMS. 25 excellent sorts **BEGONIAS,** etc., etc., R. C. 2-in. and 3½-in. plants.

OXALIS. Deppei, Alba and Rosea, Lasiandra, Purpurea and Shamrock.

Quality is our every consideration. Please send us a list of your needs for prices. Special rates on lots of 100 to 500,000.

C. BETSCHER,

SUCCESSOR TO

BETSCHER BROS., Canal Dover, Ohio. THE M. CRAWFORD CO., Gladiolus, Cuyahoga Falls, Ohio.

CANAL DOVER, OHIO.

Mention The Review when you write.

AZALEAS...

14-in. crowns, 45 cents; 16-in. crowns, 55 cents.

BEST VARIETIES,
FINE STOCK,
IMMEDIATE DELIVERY.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

GEO. A. KUHLE, Pekin, Ill.

23 Greenhouses. 55,000 feet of Glass.

ROSES,
CARNATIONS, etc.

FOR THANKSGIVING
DECORATIONS we offer:
BOSTON FERNS,
Asparagus Plumosus
and Sprengeri.

Write us for sizes and prices.
Mention The Review when you write.

500 Anemone japonica
"WHIRLWIND."

Large Field-Grown Clumps.

One of the loveliest of fall flowers, with a quality of distinction all its own.

Fine for herbaceous borders.

Long stems for cutting.

\$2.50 per doz., \$18.00 per 100.

WM. B. SANDS,
Lake Roland, BALTIMORE, MD.

Mention The Review when you write.

Philadelphia Palms Pay

Because clean, healthy and good value. A prominent Baltimore florist said: "I always buy my palms in Philadelphia, and from Mr. Heacock. He sends me what I can sell, never what I can't sell." That is the truth in a nutshell. My plants are fine, I am proud of them. I want you to see them. Come if you can, I will be glad to see you. If you cannot come, send me a sample order. I will give it my personal attention. These are the prices:



KENTIA BELMOREANA.

ARECA LUTESCENS.			Per doz.	Per 100	Per 1000
2 1/2-inch pot, 1 plant in pot.	10 to 12 inches high.	.....	\$ 1.00	\$ 5.00	\$45.00
4 " " 3 " " "	15 " " " " "	.....	3.00	25.00	
6 " " 3 " " "	20 to 22 " " "	.....	9.00	75.00	
	24 to 26 " " "	.....	12.00	100.00	
8 " " 3 " " "	30 to 36 " " "	.....	2.50	Each	Per doz.
10 " " 3 " " "	42 to 45 " " "	.....	5.00	\$30.00	
KENTIA BELMOREANA.			Per doz.	Per 100	Per 1000
2 1/2-inch pot, 3 to 4 leaves.	8 inches high	.....	\$ 1.50	\$12.00	\$100.00
3 " " 4 to 5 " " "	9 to 10 inches high	.....	2.50	20.00	
3 " " 4 to 5 " " "	10 to 12 " " "	.....	3.00	25.00	
4 " " 5 to 6 " " "	15 " " "	.....	4.50	35.00	
4 " " 5 to 6 " " "	18 " " "	.....	6.00	50.00	
		.....	Each	Per doz.	
6 " " 6 " " "	24 " " "	.....	\$ 1.25	\$15.00	
6 " " 6 to 7 " " "	26 to 28 " " "	.....	1.50	18.00	
8 " " 6 to 7 " " "	30 to 32 " " "	.....	3.00	36.00	
KENTIA FORSTERIANA.			Per doz.	Per 100	Per 1000
2 1/2-inch pot, 4 leaves.	8 inches high	.....	\$ 1.50	\$12.00	\$100.00
3 " " 4 " " "	12 " " "	.....	2.50	20.00	
4 " " 4 to 5 " " "	15 " " "	.....	4.50	35.00	
		.....	Each	Per doz.	
6 " " 5 to 6 " " "	30 " " "	.....	\$ 1.25	\$15.00	
6 " " 6 " " "	28 to 32 " " "	.....	1.50	18.00	
7 " " 6 to 7 " " "	30 to 36 " " "	.....	2.00	24.00	
7 " " 6 " " "	36 to 42 " " "	.....	2.50	30.00	
8 " " 7 " " "	42 " " "	.....	3.00	36.00	

Kentia Forsteriana (Made Up Plants) 8-inch pot, 4 plants in pot, 36 inches high, each, \$3.00.

JOSEPH HEACOCK, WYNCOTE, PA.

DENVER, COLO.

The warm, clear weather continues and lots of the outside flowers are blooming yet. These conditions are unfavorable to the mums, as it is bringing them out too soon, and also it prevents much of anything in the way of receptions or entertainments. Some of the florists are shading their houses and keeping the ventilators open nights so as to keep them back as much as possible. The sales are not what they should be, prices ranging from \$1.00 to \$4.00 per dozen.

On a visit to Benson's place we found his earnings, of which he has between nine to ten thousand, in splendid condition; one bench in particular of White Cloud was a beauty, also one of Mrs. Bratt was fine. His rose plants are fine, though the flowers are not quite up to the standard. Violets in prime condition.

At the Davies Bros' place we found their house of mums (50x50) in elegant shape. Their Robinsons they feel proud of, and well they may, for they are first class and bring the top notch price, which for a florist counts a good deal. They have enough carnations planted in light fruit boxes, set just the distance required on the benches, and after the mums are out they set the boxes right on their benches, taking off the sides, but do not disturb the bottom and there you are. They are growing lots of miscellaneous plants for the spring trade.

At the Colfax Floral Co.'s, the largest amount of glass in Denver, we found everything a humming. They not only do a large wholesale but also a large retail business. We found his mums pretty well advanced. Roses were in fine condition. His carnations, under the care of John Ferris, are doing fine, though he has some rust in his bench of Flora Hill. One bench of Bon Ton are looking elegant and by the way, this is the only place that Bon Ton is grown that I know of, most of the others growing Crane.

The Park Floral Co. attract a great deal of attention by the artistic displays in their windows under the supervision of Phil Scott. During the week they had an elegant display of orchids, such as Cattleya labiata, and later they had the bottom of the window turfed and a game of football in full swing. They serve to keep an admiring throng in front most of the time.

Emil Glauber has sold out his interest in the store of Glauber & Webb to T. I. Ballantine, of Peoria, Ill.

Charley Fawcett is back from the government greenhouses, District of Columbia, where he has been for the last two years. His health would not permit him to live east. He is with the Park Floral Co. at present.

THORNE.

21 HOURS TO HOT SPRINGS. Through Sleeper From Chicago.

Commencing Nov. 17 the Wahash Road will run a daily sleeper from Chicago to Hot Springs, Ark., without change, leaving Chicago on the fast day express at 11.03 a. m., and reaching Hot Springs next morning at 8:00 o'clock. Write for illustrated booklet, giving full particulars. Ticket office, 97 Adams street, Chicago.

Always mention the Florists' Review when writing advertisers.

Dreer's Importations of Azaleas.

LARGEST IMPORTS * FINEST VARIETIES * BEST VALUES

Place your order now for early shipment by freight, and save heavy Express charges later in the season.

	Per doz.	Per 100	Per doz.	Per 100
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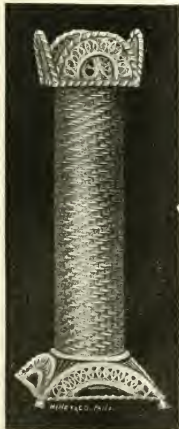
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This can be adjusted to any pot and sprinkled with water, and will not affect the paper. It's new, and all who have used it will not be without it. A trial will convince you.

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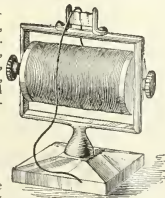
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These twines are not expensive, they embellish and decorate wherever used, and add a look of worth to any package. Order some of these goods with your next lot of supplies and you will always use them.



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Since hard frost a week ago, both demand and price have stiffened. Carnations are of fine quality and about equal to the demand. Roses are getting a bit off crop in general; those that are well in consequence be in at Christmas in proper shape. Chrysanthemums are now in the height of their glory, the early crop is cut and in some instances carnations in boxes have been brought in and placed on the top of the soil, to come on as next crop. The soil is left on the benches, to be used later for potting up geraniums and other soft wooded bedding plants.

Violets are improving with the cooler nights and the crop will be a large one.

Prices: American Beauties, \$2 to \$3 per doz.; other roses, \$1 per doz. Carnations, 35 to 50 cents per doz. Violets, 20 cents. Mums all the way from 50 cents for small ones to \$3 per doz. for the largest; the \$2 size seems the most popular. G. F. C.

WINDSOR, ONT.—Geo. Campbell, who recently returned from Dawson City, Alaska, says that gardeners who have been growing vegetables in the valleys have been making money fast. Potatoes have yielded 300 bushels to the acre and they have commanded \$12 a bushel. Cabbages bring \$1 a head and turnips sell at \$8 a bushel. Potatoes are planted early in May and are harvested in September.

STOIX CITY, IOWA.—J. C. Rensson, the florist, gave a very successful flower show last week. An art exhibition was given in connection with the show and there was a large attendance.

SANDWICH, ONT.—H. O. Fleming has built two new houses and has obtained a grover from Jamestown, N. Y.

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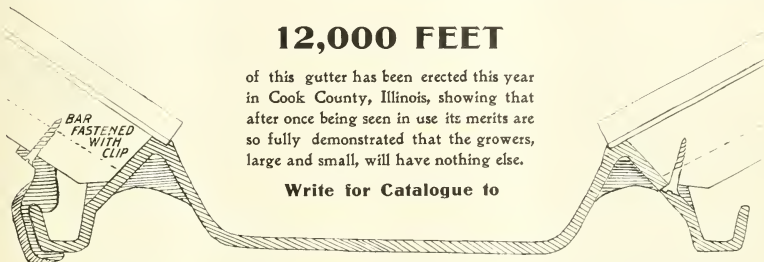
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G. L. GRANT, EDITOR AND MANAGER.

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be better.

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INDEX TO ADVERTISERS.

This index covers only those having displayed
advertisements. There are a great many mak-
ing offers in our classified ads, and they will be
found there under their proper headings.

American Bulb Co.....770	Lager & Hurrell.....740
American Rose Co.....730	Lehman Bros.....784
Amling, E. C.....764	Lev, J. H.....769
Aschmann, Godfrey.....768	Long, D. B.....769
Ball, C. D.....780	Lord & Barnham 786-788
Barnard, W. W. & Co.....780	McClellan, J. H.....762
Bassett & Washburn.....780	McKellar & Winter- 802.....765
Bayersdorfer & Co.....784	Meckel, G. & Son.....760
Beckert, W. C.....754	Michell, H. F.....769
Benley & Co.....740-754	Michigan Cut Flower Exchange.....765
Borchmans Co., F. J.....768	Michigan Seed Co.....740
Berger, H. H. & Co.....764	Miller, J. W.....740
Berning, H. G.....764	Milting, A.....760
Betscher, C.....778	Moltinger Co., J. C.....786
Brant, S. D.....780	Moore Co., W. C.....770
Brinkerhoff & Barnett.....784	Moore, Hentz & Nash.....740
Engraving Co.....783-784	Morris Bros.....740
Bruns, H. N.....762	Moss, Geo. M.....754
Buckley Plant Co.....760	Moss, Isaac H.....769
Budlong, J. A.....764-770	Mull, S. J.....760
Burpee, W. Atlee & Co.....769	Nelson, W. K.....762
Caldwell The Woods- man Co.....763	Niessen, Leo.....754
Chalfant, W. A.....762	Paten Co., C.....766
Chicago Carnation Co.....771	Pennock, S. S.....764
Cincinnati Cut Flow- er Co.....764	Pittsburg Cut Flow- er Co.....784
Cleveland Advertis- ing Co.....772	Poehlmann Bros. Co. .....764-768
Colesburg Pottery Co.....784	Quaker City Machine Works.....786
CConnell, E. J.....763	Ratouer, C. J. & Co.....782
Cottage Gardens.....740	Rice, M. & Co.....760
Crabb & Hunter.....771	Ravings, E. I.....760
Crowl, Fern Co.....784	Reed & Keller.....740
Cunningham, Jos. H. .....760-762	Reagan Pig House.....786-787
Cunningham Co., E. O. .....758	Reid, Edward.....764
Curwen, J. Jr.....766	Reuber, P. E.....762-764
Dietzsch, A. & Co.....763	Reuber, Geo. E.....762-766
Diller, Caskey & Co.....784	Retzer, W. & Co.....778
Dillon, J. L.....770	Rice, M. & Co.....760
Dorner, F. & Sons.....771	Robinson, H. M. & Co. .....766
Doyle, C. J., A.....762	Said Lake Floral.....776
Dreer, H. A.....783-784-786	Sands, W. B.....773
Drott, Fred.....760	Schlarf Floral Co., 780
Ellis, F. M.....773	Schultz, F. W. G.....760
Frost, John G., Sooy.....760	Skabara Dip Co.....786
Garland, Frank.....763	Smith, N. & Son.....765
Garland, Geo. M.....783	Soltan, Chr.....765
Giesler, Sigmund.....740	Steinhilf, H. C.....768
Giblin & Co.....776	Thorburn, H. & Co.....785
Greene & Underhill.....771	Thorburn, J. M. & Co. .....740
Gulick, W. H. & Sons.....762	Toland Warehouse ing & Trading Co. 782
Hall, W. E.....771	Vincent, Jr., R. & Son.....778-780
Hancock, Geo. Jon.....771	Waban Rose Conser- vatories.....740
Heacock, Jos.....773	Walker, C. W.....770
Hels, J. B.....760	Walkus, S. L.....785
Herrmann, A.....740	Webster & Sons.....771
Hill Co., E. G.....773	Webster & Risch.....764
Hippard, E.....763	Whilldin Pottery Co. 784
Hitchings & Co.....783	Whitton & Sons.....762
Hunt, E. H.....784-786	Victor Bros.....758
Huston & Hunkel Co.....760	Wilcox, J. E.....740
Humphred, C.....762	Wilks Mfg. Co.....783
Hunt, E. H.....760-762	Withold Co., Geo.....765
Igoe Bros.....770	Wolff, John.....767
Johnson & Stokes.....754	Young, J. W.....765
Kastine, W. F.....759	Yonge, Thos. Jr.....761
Kellogg, Geo. M.....763	Ziegler, F. O. and Pot- tery Co.....784
Kennicott Bros. Co.....780-787	
Kentucky Tobacco Product Co.....782	
Kroschell Bros. Co.....780	
Kuhn, C. A.....764	
Kuhl, Geo. A.....778	

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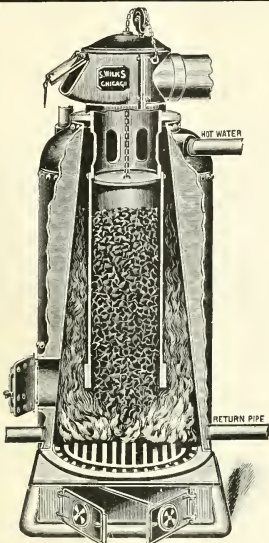
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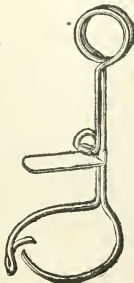
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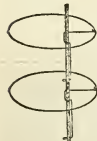
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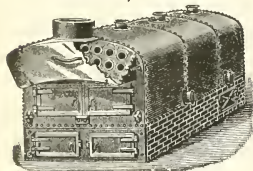
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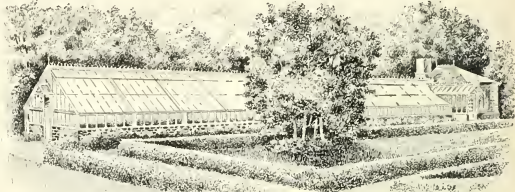
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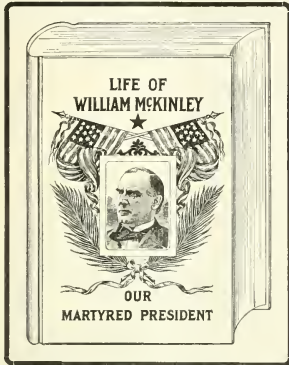
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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VIII.

CHICAGO, NOVEMBER 21, 1901.

No. 208.

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ROSE HELEN GOULD or BALDUIN.

While the identity of this Rose is in dispute we were so satisfied with it that we have planted it largely. Plants from 2 1/2-inch pots for March and April delivery, for 12, \$3.00; 100 for \$30.00; 500 for \$80.00; 1000 for \$150.00.

Waban Rose Conservatories, Natick, Mass.
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JOSEPH HEACOCK, GROWER OF Fine Palms,

For Price List SEE PAGE 779, NOV. 14th.

Florists' Calendar -- NOVEMBER.

Sprea Japonica, extra strong clumps \$	50	100	\$5.00
Sprea Compacta Mult.	.60	100	3.50
Sprea Astilb. Floribunda (True sort)	.75	100	4.00
Dicentra Spectabilis (Bleeding Heart)	.75	100	5.00
Gladiol Colvillei Alba, The Bride	\$.50	100	10.00
LILY OF VALLEY , our well known European brand, nothing finer	1.50	100	12.00
XXX very fine forced	1.25	100	10.00
Case of 2500, \$34.00.			
Spotted Calia, ext a strong bulb	12	100	\$3.00
Lil. Auratum, 8x11	.85	100	6.50
Lil. Rubrum, 8x11, 100, \$4.50; 9x11	.85	100	6.00
Lil. Rubrum, 8x11	1.25	100	8.00
Lil. Album, 8x11, 100, \$3.00; 9x11	.85	100	6.00
Lil. Album, Monsters	1.25	100	8.00

Bulb Bargains to Close Out--Speak Quick.
DUTCH HYACINTHS--1st size, 17 cm. and up, in the choicest named sorts, all fine forced, our choice, doz., 60c; 100, \$4.00.

NARCISSES -	100	1000	
Mixed Trumpets	.75	1000	\$5.00
Single Mixed	.60	1000	4.00
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Jonquil Rugulosus, extra large bulbs	.50	1000	\$3.00

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THE EXHIBITIONS.

PHILADELPHIA.

(Continued from Last Week.)

An eager group of growers are waiting at the foot of the grand stairway in Horticultural hall; upstairs the judges are at work;—the whispered talk ceases as Secretary Rust comes down the stairs to the rail barring the entrance at the bottom. The secretary glanced about and noticed one of the group. "You want to go up?" he said. The bar was raised for an instant and the notes that appeared last week were gathered just before the great show opened to the public.

It is all over now, the crowds have departed and the plants have gone home too. I am very sure that all that was done was not in vain. Horticulture has received a stimulus that will be felt for a long time to come. Better plants and flowers will be grown in the future as a result of the lessons learned last week; better stock will be demanded as a re-

The rare and choice collection of orchids from Alphonse Pericat, gardener to Mrs. George B. Wilson, was arranged with ferns on a rockery; this group was a gem.

Hugh Graham's central bower was a splendid exhibit, the skill of the decorator bringing out the choice material to the best advantage.

George Field of Washington, D. C., showed a table of cut orchids that bore evidence of excellent culture. *Ocidium* in center, with *Vanda cœrulea*, very well done and *Dendrobium formosum*, *D. giganteum*, *D. Phalenopsis*.

Thomas Long, gardener to George W. Childs Drexel, showed a plant of *Gleichenia dichotoma* that was a marvel. It appeared to be in a 36-inch pan, was perfectly proportioned and of immense spread.

John Hobson showed a specimen crotton, *Queen Victoria*, fully six feet high and four feet across. The other varieties

expressed it, despoiled Mexico, in collecting a great variety of diminutive cacti.

Frank Basler, Carlisle, Pa., showed a *Cattleya labiata* with nineteen blooms on it.

The H. A. Dreer Co. exhibited a specimen plant of *Pandanus Sanderii* that was fully seven feet in height, and also a group of some thirty smaller plants, of ordinary commercial sizes.

Henry F. Michell showed a lot of hardy chrysanthemum flowers that proved interesting to amateurs.

Among the varieties of chrysanthemums winning prizes in plant class were: three pink, Sam Weller, Pembroke, Garden Queen; collection of four, Garden Queen, pink; G. W. Childs, red; Mutual Friend, white; Georgiana Pitcher, yellow. Other first prize winners were: Mrs. Frank Thompson, Mrs. Murdock, pink; Peter Kay, yellow; Mrs. Weeks, white; Miss Anne Thompson, pink.

John McCleary, gardener to Wm. Weightman, had the best plant in the exhibition.

Among the cut blooms Timothy Eaton, white; Pennsylvania, orange yellow; Philadelphia, lemon yellow, and Col. Appleton, yellow, were conspicuous.

The cut blooms of chrysanthemums



Mutual Friend.

Timothy Eaton.

Mutual Friend Beats Timothy Eaton at the Philadelphia Show.

sult of what was seen in the show halls.

In the quantity and quality of foliage plants, in cut blooms of chrysanthemums and of roses a decided advance was noticed in comparison with former years. The interest shown was most encouraging; the show was packed much of the time; better still, those who came, came because they cared, not merely from curiosity. It is safe to say that the general public learned something about plants and flowers that was worth learning.

The graceful and effective arrangement of the large quantity of handsome foliage plants was a striking feature. John Gaynor, gardener to John Wanamaker, made his debut with eclat. His *Kentia Forsteriana* was in the place of honor and under it were two fine groups, also from "Lindenhurst."

were C. Sunbeam, C. rubra lineata and C. Baron James de Rothschild. All were finely grown, large, perfect, and well colored. There were a couple of good birdnest ferns, *Asplenium Nidus Avis*, and variegated pine apples, *Ananas sativa variegata*, one of them in fruit.

Edwin Lonsdale's pale pink Lorraine was much admired, more so under natural light than the ordinary type.

The American Rose Co., Washington, D. C., had a very beautiful exhibit, showing their new rose Ivory. Two attempts to photograph this exhibit failed owing to lack of light, flash light not being allowed in the hall under the insurance laws.

Ferd. Bonlon, Sea Cliff, N. Y., showed tree violet plants, 8 or 10 inches high, in flower, which proved very interesting.

Robert Kift had, as one of the dailies

were so strong that many very fine cases were not mentioned in the prize list. They added greatly to the credit of the growers and to the beauty of the show.

The second day, Wednesday, brought with it the roses, carnations and violets. The roses were the feature, a really splendid collection, that has never been surpassed here. They were appreciated too, the crowds being centered about the roses.

Our growers are beginning to realize that it is their duty to show their flowers; it will pay them too, for such a display cannot fail to attract attention. The roses grown near this city are as good, if not a little better, than those grown elsewhere; it is high time we recognized this fact and made our rose shows famous. Quality and variety were there: Beauty, Bride, Maid, Meteor,

Kaiserin, Golden Gate, Pink Golden Gate, Perle, Sunrise, Liberty, Helen Gould, The Four Hundred, D. T. Connor's sport from Beauty, Baltimore from John Cook, and a new yellow, 1901, from the American Rose Co.

All were good, the competition in some of the classes being so keen that vases which would ordinarily have been prize winners were unnoticed. Upstairs, John N. May showed Mrs. Oliver Ames, exquisite in color, with deep green foliage, and the Floral Exchange had two vases of Queen of Edgely, the flowers in one of them being cut the week before.

The carnations were good, but very few in number. Ethel Crocker, General Gomez, three vases from Robert Lockerbie of Holly Oak, Del., a pale pink from Albert Roper, Tewksbury, Mass., and a pink and scarlet from Dailedouze Bros., Flatbush, L. I., (mentioned in the prize list) comprising the list of the collection.

pale pink; Mrs. F. A. Constable, white; Col. Appleton, yellow; Gold Mine, yellow; Bayard Cutting, dark pink; Minerva, yellow; Indiana, light pink; Helen Bloodgood, light pink; Mutual Friend, white; T. Carrington, Pennsylvania, orange; Philadelphia, lemon.

The Awards.

FIRST DAY—CHRYSANTHEMUM PLANTS.

Two plants, two varieties, in not over 10-inch pots—First, Wm. Robertson, gardener to John W. Pepper, Esq., Jenkintown, Pa.; second, John McClary, gardener to Wm. Weightman, Esq., Germantown, Pa.

Specimen plant, new variety, not disseminated prior to 1901—First, John McClary; second, Gordon Smiri, gardener to Jos. F. Sinnott, Esq., Rosemont, Pa.

One plant, new variety, not yet disseminated, in not over 10-inch pot—First, John McClary. Specimen plant, white, in not over 14-inch pot—First, Gordon Smiri; third, Wm. Robertson.

Specimen plant, yellow, in not over 14-inch pot—First, Gordon Smiri; second, Wm. Robertson.

Specimen plant, any other color, in not over 14-inch pot—First, Geo. Graham, gardener to Chase Hartshorne, Marion, Pa.; second, John McClary.

hill Prizes"—First, Gordon Smiri; second, David K. McCracken, gardener to Mrs. G. B. Roberts, Bala, Pa.

Display of four plants, four varieties, one red, one yellow, one white, one pink, in not over 14-inch pots, for the "Emysell Prize"—First, Gordon Smiri; second, Wm. Robertson.

Display of three plants, three new varieties, introduced in 1901, in not over 14-inch pots, for the prize offered by Mrs. Joseph Sinnott—Awarded to Wm. Robertson.

CUT FLOWERS—CHRYSANTHEMUMS.

Sixty blooms, twelve distinct varieties, five blooms of each—First, F. Paul, Boston, Carlisle, Pa.; second, John McClary.

Thirty-six blooms, six distinct varieties, six blooms of each—First, John Cullen; second, Frank Ibbotson, gardener to J. Vaughan Merrick, Esq., Wissahickon.

Twelve blooms, twelve distinct varieties—First, Wm. Kleinheinz; second, John Mitchell, Pennsylvania Hospital, Philadelphia.

Six blooms, white, one variety, named—First, Joseph Monahan, gardener to C. W. Trotter, Esq., Chestnut Hill, Pa.; second, John F. Sibson, gardener to Mrs. Thos. McKean, Gormantown, Pa.

Six blooms, pink, one variety, named—First, Wm. Kleinheinz; second, Joseph Monahan.

Six blooms, yellow, one variety, named—First, Wm. Kleinheinz; second, John Mitchell.

Six blooms, crimson, one variety, named—First, John Cullen, gardener to Percival Roberts, Esq., Fennell, Pa.; second, Henry G. Standen, Havertown, Pa.

Six blooms, any other color, one variety, named—First, Wm. Kleinheinz; second, John Cullen.

Twelve blooms, Anemone-flowered, twelve distinct varieties, named—First, John McClary.

Twelve sprays Pompons, twelve distinct varieties, named—First, John N. May, Summit, N. J.; second, John McClary.

Twenty-five blooms, twenty-five distinct varieties, named—First, John Cullen; second, Frank Ibbotson, gardener to J. Vaughan Merrick, Esq., Wissahickon.

Twelve blooms, twelve distinct varieties, named—First, Wm. Kleinheinz; second, John Cullen.

Six blooms, white, one variety, named—First, Wm. Kleinheinz; second, Martin McTigue, gardener to St. Joseph's Academy, Chestnut Hill, Pa.

Six blooms, pink, one variety, named—First, Wm. Kleinheinz; second, John McClary.

Six blooms, yellow, one variety, named—First, Ernst Schriber, gardener to W. L. Elkins, Esq., La Mott, Pa.; second, Wm. Kleinheinz.

Six blooms, crimson, one variety, named—First, John McClary; second, John Mitchell.

Six blooms, any other color, one variety, named—First, John Cullen; second, John Mitchell.

Twelve sprays Pompons, twelve distinct varieties, named—First, John McClary.

Best American variety, any other color, never disseminated, six blooms—Awarded to John Cullen.

Vase of twenty blooms, one variety, named, pink, long stems—Awarded to John Cullen.

Vase of twenty blooms, one variety, white, named, long stems—First, Hugh Graham; second, Chas. Zimmer, West Collingswood, N. J.

Vase of twenty blooms, one variety, named, yellow, long stems—First, J. J. Habermehl's Sons, Philadelphia; second, Hugh Graham.

Vase of twenty blooms, one variety, named, any other color, long stems—First, Hugh Graham; second, John Mitchell.

Vase of forty blooms, one variety, named, pink, long stems—First, Edward A. Stroud, Overbrook, Pa.

Vase of fifty blooms, one variety, named, white, long stems—First, Robert Craig & Son, Philadelphia.

Vase of six blooms, Mrs. Frank Thompson, long stems, for the "Corkerhill Premiums"—First, Wm. Kleinheinz; second, John Cullen.

Vase of five blooms, one variety, named, white, long stems—First, Ernst Schriber; second, Wm. Robertson.

Five vases, five blooms each, one vase white, one red, one pink, one yellow and one any other color, distinct varieties, named, for the "Five Prize"—First, Joseph Monahan; second, Wm. Kleinheinz.

Three vases, twelve blooms each, one white, one yellow, one any other color, distinct varieties, named, long stems—First, William Kleinheinz; second, John Cullen.

Best vase of ten blooms each, of the following varieties: Golden Wedding, Dailedouze, Indiana, Golden Wonder, Mrs. W. B. Chamberlain—Silver cup awarded to Edward Jones.

PLANTS—MISCELLANEOUS.

Orchids—Best collection of plants in bloom, and cut flowers—First, Alphonse Pericat, gardener to Mrs. George B. Wilson, West Philadelphia.

Orchids—Display of plants in bloom and cut flowers, arranged for effect, ferns admissible—First, Geo. B. Wilson.

Foliage Plant (Ornamental)—Display of fifteen plants, in not over 14-inch pots, no cut flowers—First, John Hobson, gardener to E. A. Schmidt, Esq., Radnor, Pa.

Foliage Plant (Ornamental), one specimen—First, John Thacher, gardener to Edward Le Boutillier, Esq., Wynnewood, Pa.; second, Wm. Robertson.



Choice Orchids and Ferns on Rockwork. Exhibit of Alphonse Pericat, Gardener to Mrs. Geo. B. Wilson, at the Philadelphia Show.

The varieties of violets shown were: Marie Louise, Lady Hume Campbell, Princess of Wales, Luxonne, Imperial, and California. They were excellent. Curiously enough, the largest flowers did not in one case receive first prize, the judges awarding the blue ribbon to smaller blooms on the ground that they were more effectively bunched.

Chrysanthemums for Pots.

Mrs. Weeks' white; Mrs. W. B. Chamberlain, pale pink; Mrs. Murdock, pink; Sam Weller, dark pink; Gold Mine, deep yellow; Sans Souci, yellow; Timothy Eaton, white; Pembroke, Garden Queen, pink; Georgiana Pitcher; G. W. Childs, red; Black Beauty, crimson.

Chrysanthemums for Cut Blooms.

Rustique, bronze; Vivand'Amorel, pink; Mrs. W. B. Chamberlain, light-innervated pink; Peter Kay, yellow; T. Eaton, white; Mrs. Bigelow, crimson; Black Beauty, crimson; Alfred Gurney,

Six plants, in not over 8-inch pots, suitable for house decoration, six varieties, at least three different colors—First, John McClary; second, Wm. Kleinheinz, gardener to F. A. B. Widener, Esq., Ogontz, Pa.

Six plants, white, in not over 6-inch pots, one bloom to a plant—First, W. H. Carey, gardener to Mrs. Allen B. Rorke, Ardmore, Pa.; second, Jos. McGregor, gardener to Edgar T. Scott, Esq., Darby, Pa.; third, J. T. Whitaker, gardener to Chas. F. Lennig, Esq., Andalusia, Pa.

Six plants, yellow, in not over 6-inch pots, one bloom to a plant—First, Jos. McGregor; second, W. H. Carey.

Six plants, pink, in not over 6-inch pots, one bloom to a plant—First, W. H. Carey; second, John McClary.

Six plants, any other color, in not over 6-inch pots, one bloom to a plant—First, Wm. Kleinheinz; second, W. H. Carey.

Display of four plants, Japanese, four varieties, four different colors, in not over 14-inch pots, for the "Pembroke Prize"—First, Gordon Smiri; second, Wm. Robertson.

Display of three plants, three varieties, pink, in not over 14-inch pots, for the "Wootton Prize"—First, Wm. Robertson; second, Gordon Smiri.

Specimen plant, in not over 14-inch pot, of variety, Mrs. Frank Thompson, for the "Corkerhill Prizes"—First, Wm. Robertson; second, Gordon Smiri.

Specimen plant, in not over 14-inch pot, of variety Miss Annie Thompson, for the "Corker-



Central Group and Floral Bower by Hugh Graham at the Philadelphia Show.

Orchids—Specimen plant in bloom, any variety—First, Frank C. Bosler.

Cypripediums—Six plants in bloom, six varieties—First, Alphonse Pericat.

Palms—Six plants, six varieties, in not over 10-inch pots—First, John Thatcher; second, John Hobson.

Foliage Plants (Ornamental), palms not admissible—Six varieties, in not over 10-inch pots or pans—First, John Thatcher; second, John Hobson.

Palms—One pair in pots or tubs—First, J. W. Cotting, Swarthmore, Pa.; second, Wm. Robertson.

Palms—Specimen plant, in pot or tub—First, Wm. Wilkie, gardener to R. S. Mason, Esq., Germantown, Pa.; second, Wm. Robertson.

Ferns—Display of twelve plants, twelve varieties, in not over 10-inch pots or pans—First, Thos. Long, gardener to Geo. W. Childs Drexel; second, John Hobson.

Ferns—Display of twelve plants, twelve varieties—First, Thos. Long.

Ferns—Display of six plants, six varieties, in not over 15-inch pots or pans, for the "Penn-Hurst Prize"—First, Thos. Long; second, John Thatcher.

Specimen plant of Nephrolepis exalta Bostoniensis, in not over 16-inch pot or pan, open to private gardeners only—First, John Hobson.

Specimen plant of Nephrolepis exalta Bostoniensis, no restrictions as to size or as to what receptacle it may be grown in—Awarded to Patrick Dunn, gardener to Mrs. Chas. F. Berwind, Wynnewood, Pa.

Crotons—Display of twelve plants, twelve varieties, in not exceeding 10-inch pots—First, John Hobson; second, Ernest Schrieber.

Croton—Specimen plant—First, John Hobson; second, Wm. Kleinheinz.

Dracaenas—Display of six plants, six varieties, in pots not exceeding 10 inches in diameter—First, John Thatcher.

Dracaena Sanderiana—Best pan or pot, not exceeding 12 inches in diameter—First, Patrick Dunn.

Marantas—Display of six plants, six varieties—First, John Thatcher.

Begonias—Six plants, of Rex variety—First, Wm. Morton, Meadowbrook, Pa.; second, J. T. Whitaker.

Begonias—Six plants of flowering varieties—First, Patrick Dunn; second, John Thatcher.

Begonia—Rex variety, specimen plant—First, J. T. Whitaker.

Begonia—Flowering variety, specimen plant—First, John H. Dodds, gardener to H. S. Hopper, Esq., Narberth, Pa.

Asparagus Sprengeri—Specimen plant—First, Patrick Dunn; second, John H. Dodds.

Cyclamen—Twelve plants, not over 8-inch pots—First, Robert Craig & Son.

Oxandria Fendralis (the Lattice-leaf plant)—Best specimen—First, John Thatcher.

Caladiums—Six named varieties, in pots or pans—First, Wm. Wilkie; second, Geo. Robertson.

GROUPS FOR EFFECT AND OTHER DISPLAYS.

Foliage and flowering plants—Displays arranged for effect, to occupy not over 100 square feet (*Chrysanthemums* admissible in this class)—First, Westcott's Laurel Hill Nurseries, Philadelphia.

Geraniums—Eight plants, not more than two of any one variety, in not over 10-inch pots—First, Wm. Robertson; second, Geo. Robertson.

Ferns in baskets—One pair of baskets—First, John Thatcher.

Window box—Filled with ornamental foliage plants for house decoration—First, John Hobson.

Foliage plants—Display of ten plants, in not over 6-inch pots, not more than two plants of any species, two ferns admissible, for the "Wahlburg Prize"—First, John Hobson; second, Geo. Robertson.

Display of plants in variety, arranged on tables, 2x4x8 feet, offered by Myers & Co., greenhouse heaters and builders, Philadelphia—Handsome carving set, awarded to John H. Dodds.

SECOND DAY—CUT FLOWERS.

ROSES.

Twenty-five blooms of *Perle*—First, J. L. Dillon, Bloomsburg, Pa.

Twenty-five *Kaiserin Augusta Victoria*—First, J. L. Dillon.

Twenty-five *The Bride*—First, Jos. Heacock, Wyncote, Pa.; second, J. L. Dillon.

Twenty-five *Meteor*—First, Jos. Heacock.

Twenty-five *Bridesmaid*—First, J. H. Bartram, Lansdowne, Pa.; second, Jos. Heacock.

Twenty-five *Golden Gate*—First, C. & G. L. Pennock, Lansdowne, Pa.; second, Chas. Uffler, gardener to Mrs. G. H. McFadden, Rosemont, Pa.

Twenty-five any other variety—First, Myers & Sautman, Wyndmoor, Pa.; second, John Welsh Young, Germantown, Pa.

Twenty-five *Liberty*—First, J. L. Dillon.

Six *American Beauty*—First, Jos. Heacock; second, C. & G. L. Pennock.

Six any new variety—First, American Rose Co., Washington, D. C.

Best vase of twenty-five blooms of *American Beauty*, long stems—To Jos. Heacock.

CARNATIONS.

One hundred blooms, one variety, any color—First, Robt. Lockerbie, Holly Oak, Pa.

Fifty of any named scarlet variety—First, Robt. Lockerbie.

Fifty of any named light pink variety—First, Robt. Lockerbie.

Fifty of any named dark pink variety—First, Wm. Kleinheinz.

Fifty blooms of any named crimson variety—First, Wm. Kleinheinz.

Best American seedling, never disseminated, twenty-five blooms—First, Albert Roper, Tewksbury, Mass.

Best American seedling, never disseminated, twenty-five blooms, and one plant of the same variety, for the "Craig Prize," a silver cup, offered by Robt. Craig, Esq., Philadelphia—To Daillodeuze Bros., Flatbush, Brooklyn, N. Y.

VIOLETS.

Bunch of 100 blooms of *Princess of Wales*—First, Chas. Zimmer, W. Collingswood, N. J.; second, R. M. Eisenhart, Torrendale, Pa.

Bunch of 100 blooms, *Marie Louise*—First, W. C. Fray.

Bunch of 100 blooms, *Luxonne*—First, E. M. Eisenhart; second, Jos. McGregor, gardener to Edgar T. Scott, Esq., Darby, Pa.

Bunch of 100 blooms, any other variety—First, W. C. Fray; second, R. M. Eisenhart.

Roses, Pink Golden Gates—Best twenty-five blooms, flowers to have been grown by exhibitor, offered by American Rose Co., Washington, D. C.—First, C. & G. L. Pennock; second, The Floral Exchange, Philadelphia.

Plateau of *chrysanthemums*—Second, John F. Sibson, gardener to Mrs. Thos. McKean, Germantown, Pa.

SPECIAL PREMIUMS.

Silver medal to Thos. Long, gardener to Geo. W. Childs Drexel, Esq., for twelve ferns.

Silver medal to Geo. Field, Washington, D. C., for collection of orchids, cut blooms.

Silver medal to John Thatcher for collection of foliage plants.

Silver medal to John Gaynor, gardener to Hon. John Wanamaker, for collection of foliage plants.

Silver medal for the best palm in the exhibition to John Thatcher, for *Cycas circinalis*.

Silver medal for the best fern in the exhibition to Henry A. Dreer, Philadelphia, for new *Pandanus Sanderii*.

Silver medal for the best fern in the exhibition to Thos. Long, for *Gleichenia Dichotoma*. The judges consider this the best specimen fern ever exhibited before this society.

Silver medal for the best *chrysanthemum* in the exhibition to John McCleary, for specimen plant of Mrs. Week.

Certificate of merit for cultures to John Hobson, gardener to Edward A. Schmidt, Esq., for specimen croton.

Certificate of merit to Jos. Kift & Son., Philadelphia, for adjustable vase holders for cut flowers.

Honorable mention to Edward Jones for vase of T. Park *chrysanthemum*.

THIRTY-NINE SPECIES OF THE LATE WOOD SPECIES

THE OLD VARIETY OF *Chrysanthemum* (var. *pubescens*)

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Germany. The judges deemed both not worthy.

so the medal goes back for next year.

Twenty-five named palms, not less than 12

kinds, Wm. Schray & Sons, first; Michel Plant

and Bulb Co., second.

Collection named begonias, not more than two

of any one variety, Wm. Schray & Sons, first;

Michel Plant and Bulb Co., second; George

Windler, third.

Twenty-five named ferns, not more than two

of any one variety, Michel Plant and Bulb Co.,

first; Wm. Schray & Sons, second.

Best and largest collection of named foliage

plants with variegated leaves, not less than 12

kinds, begonias and ferns excluded, Wm.

Schray & Sons, first; Michel Plant and Bulb

Co., second.

Collection of 25 named blooming plants in

bloom, exclusive of chrysanthemums, not more

than three varieties of any one species, Wm.

Schray & Sons, first; George Windler, second;

Frank Fillmore, third.

Twenty named geraniums in bloom, grown in

not over 12-inch pots; in this class the prize

winners were Wm. Schray & Sons, George

Windler and F. J. Fillmore.

Most tastefully arranged fernery, filled with

growing plants, not over 12 inches in diameter,

E. H. Michel, first; Michel Plant and Bulb Co.,

second; C. C. Sanders, third.

Pair of *Nephrolepis Wilkoidii*, George Windler,

first; Wm. Schray & Sons, second.

Pair of *Nephrolepis exaltata Bostoniensis*;

Michel Plant and Bulb Co., first; C. C. Sand-

ers, second; Wm. Schray & Sons, third.

Specimen araucaria, Wm. Schray & Sons,

first; C. C. Sanders, second; F. J. Fillmore,

third.

Specimen kentia, Wm. Schray & Sons, first;

George Windler, second; C. C. Sanders, third.

Specimen *Areca lutescens*, C. C. Sanders,

first; F. J. Meinhardt, second; Wm. Schray &

Sons, third.

Specimen *Livistona chinensis*; in this class

the prize winners were Wm. Schray, Michel

Plant and Bulb Co. and C. C. Sanders.

Specimen *Pandanus Veitchii*, Fred Meinhardt,

first; Michel Plant and Bulb Co., second; C. C.

Sanders, third.

Hill, Smith and Vesey showed that they

know how to grow these, as nearly all

the blues were captured by them.

CUT CHRYSANTHEMUM BLOOMS.

Chrysanthemums, not less than 18 nor more

than 20-inch stems, to be exhibited without

artificial support.

Forty-eight blooms, 8 kinds, 6 in a vase, first,

worth \$100, E. G. Hill Co., Eichenmayer, Ill.,

with a magnificent lot of blooms; Nathan

Smith & Son, Adrian, Mich., second, \$90, who

were not behind in points.

Twenty blooms of Mrs. H. Robinson (Shaw

premium), Mrs. M. S. Vesey, first.

Twenty blooms of the white variety (Shaw

premium), E. G. Hill Co., first; Mrs. Vesey,

second; Michel Plant and Bulb Co., third.

Twenty blooms of an variety of superior

merit introduced in 1899 (Shaw premium),

Nathan Smith & Son, first; E. G. Hill Co.,

second; C. C. Sanders, third.

Vase of 50 blooms, quality and arrangement to

be equally considered (no limit to stems).

Prize offered by Mrs. James F. How, valued at

\$25, E. G. Hill Co. had a walkover with 50

magnificent blooms of Eaton; the second prize

of \$10, was taken by the club, was won by Nathan

Smith & Son.

Twenty-five blooms, yellow (no limit to

stems); in this class a prize of \$10 was offered

by Mrs. Robert McK. Jones, Mrs. Vesey cap-

tured the prize and E. G. Hill Co. had to take

second place.

Twenty blooms pink and white. Mrs. C. D.

Blossom offered prize of \$5, which was won

by E. G. Hill Co.

CUT ROSES.

Twenty-five Meteors, Mr. Geo. A. Baker,

Devoe & Fenner Co., first; The Plant Seed

Co. offered \$10 for first, second and third. The

South Park Floral Co. won first; Mrs. Vesey,

second; E. H. Michel, third.

Twenty-five Bridesmaids, Wm. Schwere &

Son, Plant Seed Co. and Mermod & Jaccard

combined offered \$10. The South Park Floral

Co. won first; Mrs. Vesey, second; F. J. Fill-

more, third.

Twenty-five Brides, The Mount City Paper

Co., Schroeter Bros. Hardware Co. and Devoe &

Fenner Co. offered \$10. Mrs. Vesey won

first; E. H. Michel, second; F. J. Ammann,

third.



View of Part of the St. Louis Show.

The judges of the day on cut mums were: Mr. Lukes, Otto Koenig and A. J. Jablonsky; on roses, James Wilson, Meyer Heller and Mr. McClure; on carnations, Mr. R. F. Tesson, Mr. McClure and Mr. Henry Aue.

CUT CHRYSANTHEMUMS.

Twenty-five blooms, pink, in variety. First and second prizes offered by Mr. Otto F. Stifel and Mrs. Daniel Catlin were valued at \$15. Mr. G. Fillmore, of Marion, Ind., won first with Helen Bloodgood, and Michel Plant and Bulb Co. second with President W. B. Smith.

Twelve blooms of Major Bonaffon (Shaw premiums), first, second and third, \$12. Mrs. Vesey, first; E. G. Hill Co., second; Wm. Schray & Sons, third.

Twelve blooms, any other yellow (Shaw premiums), first, second and third, \$12. Nathan Smith & Son, first with Mrs. Elmer Smith; E. G. Hill & Co., second with the same variety; Gunnar Tellmann, third.

For twelve blooms of superior merit, introduced in 1900 (Shaw premiums), first, second and third, \$12. E. G. Hill Co., first, with a fine vase of Col. Appleton; N. Smith & Son, second, with the same variety; F. J. Fillmore, third, with Lavender Queen.

Fifty blooms, quality and arrangement to be equally considered (no limit to stems), first and second prizes valued at \$40 and offered by Mrs. Edward Mallinckrodt and Mr. Robert S. Brookings. N. Smith & Son won first with a fine vase of Timothy Eaton and Pennsylvania; E. G. Hill Co., second, with a grand vase of Col. Appleton.

Twenty-five blooms of one variety (no limit to stems), to be competed for by local florists only. First prize won by Michel Plant and Bulb Co. with Jerome Jones.

CUT ROSES.

Twenty-five blooms of Perle des Jardins. First and second prizes were offered by Mermod & Jaccard Co., E. H. Michel won first; Frank Fillmore, second.

Vase of Kaiserin Augusta Victoria. Mrs. Ed. J. Glasgowl and Mrs. B. S. Barnes offered first and second prizes, valued at \$15. E. H. Michel won first; Mrs. Vesey, second. Both showed fine vases.

Eleven blooms of American Beauties. Prize of \$10, to be competed for by local growers only, was offered by Geo. B. Leighton, E. H. Michel, first; Wm. Schray & Sons, second.

CUT CARNATIONS.

Fifty blooms white, one variety. Prize of \$10 offered by Dr. E. Sanders, Mrs. Vesey, first, with White Cloud; Swan Peterson, second, with Lorna; Henry Aue, third, with Flora Hill.

Fifty blooms, variegated, Braith Shoe Co. and Mrs. Otto G. Koenig offered \$8 for first

and second prizes. Mrs. Vesey, first, with Mrs. Bradt, and R. J. Mohr, second, with the same variety.

Fifty blooms pink, one variety. Dr. E. Sanders and Braith Shoe Co. offered \$10 for the first three prizes. Mrs. Vesey, first, with a fine vase of Lawson; R. J. Mohr, second, with Crockers; A. J. Jablonsky, third, with Morning Glory.

One hundred blooms of any one variety. For these Dr. E. Sanders and Mrs. Otto G. Koenig offered \$15 for first and second. Mr. Swan Peterson won first; the Chicago Carnation Co., second, with as fine a vase of Lawson as seen in a long time. This certainly speaks well for Dorothy, with which Mr. Peterson captured the first prize.

FRIDAY.

The last day of the show was well attended both afternoon and evening. The displays were again large and attractive. Mr. Henry Aue had on exhibition an excellent pink seedling, No. 1, which was well spoken of. The new St. Louis seed the test and they were as fresh the last day as when first picked. Mr. Swan Peterson's white seedling also stood the test as a keeper. The Chicago Carnation Co.'s Mrs. Higinbotham is also a grand keeper and looked fine to the last.

The weather was with us for once, and more beautiful weather could not be imagined than we had all the week. The management did excellent work throughout, and should be congratulated on the way they handled the entire exhibition.

CUT CHRYSANTHEMUMS.

Twenty-five blooms of Golden Wedding (no limit to stems). For these Mrs. Howard Blosson and Scruge, Vandervoort & Barney Dry Goods Co. offered \$15 for first and second prizes. Mrs. M. S. Vesey won first with a grand vase of 25 blooms and Mr. Gunnar Tellmann was not far behind for second prize.

Twelve blooms pink, one variety (Shaw premiums, value \$12). Michel Plant and Bulb Co., first, with a vase of Superst; N. Smith & Son, second; E. G. Hill Co., third.

Twelve blooms of superior merit introduced in 1900 (Shaw premiums, value \$12). E. G. Hill Co. won first with Timothy Eaton; N. Smith & Son, second, with Mrs. Elmer Smith.

Twelve blooms, white, one variety. A prize of \$5, offered by Scruge, Vandervoort & Barney Dry Goods Co., E. G. Hill Co., captured this prize with a vase of Timothy Eaton.

Twenty-five blooms yellow, any variety (no limit to stems), for which Mrs. John D. Davis and the Guardian Hat Co. offered \$15. E. G. Hill Co., least N. Smith & Son out of first place with Mrs. Elmer Smith, and they came in second with the same variety.

Twenty-five blooms of pink, any variety. A prize of \$5 was offered by the Nugents, Wm. Schray & Sons being the winners.

Vase of fifty blooms, quality and arrangement to be equally considered. For this vase Mrs. B. F. Edwards offered \$25. E. G. Hill Co. won the prize with a vase made up with 20 Timothy Eaton.

CUT ROSES.

Twenty-five American Beauties. Mrs. Edward Mallinckrodt offered \$25 for the best vase. Only one entry was made in this class and the judges gave the prize to E. H. Michel.

Four vases of cut roses, 15 of a kind. Mr. J. E. Gazzam and Henry Vogelsong offered \$12 for first and second prizes. The South Park Floral Co. won first; E. H. Michel, second.

Vase of fifty blooms of pink, the first and second prizes of \$8 offered by Mrs. Phil. Medart and Mermod & Jaccard Jewelry Co. Mrs. Vesey won first with a vase of Triumph; Henry Aue was a good second with a vase of Day-break.

Vase of fifty blooms, white, for which Mrs. Dan Catlin and Miss L. Meinhardt offered \$8. Two fine vases of White Cloud were in competition for this prize. Mrs. Vesey took first and Fred Ammann second.

Fifty blooms of superior merit, introduced in 1900. The Sprague Delicatessen and Mrs. Otto G. Koenig offered \$7 for first and second. Mrs. Vesey won first with a fine vase of Lawson; Swan Peterson, second, with The Marquis.

Largest and most artistically arranged collection of cut flowers of any kind except chrysanthemums, Shaw premium valued at \$18, for first, second and third prizes. Wm. Schray & Sons won first; Michel Plant and Bulb Co., second; C. C. Sanders, third.

Vase of Golden Gates, prize of \$10, offered by American Rose Co. of Washington, D. C., won by South Park Floral Co.

VISITORS.

These from out of town who attended the show were: Mr. M. Heller, of New Castle, Ind.; Fred Lemon and wife, representing E. G. Hill Co., Richmond, Ind.; Elmer Smith, of Nathan Smith & Son, Adrian, Mich.; Mrs. M. S. Vesey, of Fort Wayne, Ind.; Swan Peterson, Gibson City, Ill.; Geo. Hunt, Terre Haute, Ind.; James Hartsborne, of the Chicago Carnation Co., Joliet, Ill.; Joseph Heind, Jacksonville, Ill.; James

Wilson, Washburn Spines, Ill.; Dr. A. S. Halsted and E. W. Galy, of Belleville, Ill.; Henry Johann, of Collinsville, Ill., and Mr. Foreman, Louisiana, Mo.

J. J. B.

KANSAS CITY, MO.

The great exhibition in Convention Hall has redeemed all the promises made and it is truly a splendid show. The immense floor space was well filled with high class exhibits and the novel arrangement and accessories were as effective as anticipated. This city has certainly set a new standard for exhibitions of flowers and plants and that the public is appreciative is shown by the crowds that fill the great building.

It is mainly a cut flower exhibition, few decorative plants being used, and the largest lot of chrysanthemum plants are those shown by Samuel Murray, of this city, which occupy the center of the hall, and which won the big prizes.

Mr. Murray won the prize of \$100 for best bush or standard, and first prizes (\$20 each) in the classes for specimen white, specimen yellow, specimen pink and specimen red. J. C. Vaughan was second on specimen red. On standard plants Mr. Murray won firsts (\$12 each) on one yellow and one pink, Vaughan taking second on one pink. On 6 specimen plants (\$25) Murray was first and Vaughan second. On specimen grafted plant Vaughan was first and Bock third. For group of pompons and anemones Vaughan was second.

There was an interesting competition in the classes for 25 chrysanthemum blooms with prizes of \$20, \$15 and \$10 in each class. Results were as follows:

White, 1st, E. G. Hill & Co.; 2nd, N. Smith & Son; 3d, Bock.

Yellow, 1st, H. W. Buckbee; 2nd, W. J. & M. S. Vesey; 3d, Samuel Murray.

Pink, 1st, J. C. Vaughan; 2nd, Hill & Co.; 3d, N. Smith & Son.

Red, 1st, Hill & Co.; 2nd, Smith & Son; 3d, S. Murray.

Any other color, 1st Vaughan; 2nd, Smith & Son.

Twelve varieties, one bloom each, 1st, Smith & Son; 2nd, Hill & Co.

Six, one variety, white, 1st, Hill & Co.; 2nd, Smith & Son; 3d, A. F. Barbe.

Six yellow, 1st, H. W. Buckbee; 2nd, Smith & Son; 3d, Vaughan.

Six pink, 1st, Vaughan; 2nd, Smith & Son; 3d, Buckbee.

Six red, 1st, Hill & Co.; 2nd, Smith & Son; 3d, Vaughan.

Six any other color, 1st, Vaughan; 2nd, Smith; 3d, Hill.

Collection of 60 blooms in 30 varieties, named, 1st (\$30), N. Smith & Son; 2nd, (\$20), E. G. Hill & Co.; 3d (\$15), H. W. Buckbee.

Collection pompons, 1st, Smith & Son.

Twelve anemones, 1st, Smith & Son. Best 100 Timothy Eaton or other white, 2nd (\$30), E. T. Grave; 3d (\$25), W. J. & M. S. Vesey.

There were seven competitors in the class for 100 American Beauty roses. The first prize of \$150 was won by the South Park Floral Co., New Castle, Ind.; the second prize of \$100 went to Joseph Heacock, Wyncote, Pa.; and the third prize of \$75, was captured by Peter

Reinberg, Chicago. It was a notable competition and probably never before have so many extra fine Beauties been brought into competition at any exhibition.

Notes.

Among trade visitors from a distance were Joseph Heacock, Wyncote, Philadelphia; Mr. and Mrs. J. M. Gasser, Cleveland; Mrs. W. J. Vesey, Ft. Wayne, Ind.; Herbert Heller, New Castle, Ind.; E. A. Kanst, Leonard Kill, O. W. Frese, Edgar Sanders and J. S. Wilson, Chicago; J. F. Covell, Buffalo; James Gurney, St. Louis; H. W. Buckbee, Rockford, Ill.; Elmer D. Smith, Adrian, Mich.; E. G. Hill, Richmond, Ind.

The attendance up to time of sending this report is immense and indications are that the show will prove a financial as well as an artistic success. The sketch view of the show that appears in this issue is reproduced from the Kansas City Star of Monday afternoon.

"Uncle John" Thorpe is very happy this week, and wears a smile as broad as the Atlantic ocean and as bright as the face of the evening star!

The ceiling of the big hall is a white sky dotted with stars and the moon gets in a lot of work during the evening.

The electrical effects are charming! Multi-colored lights are everywhere, in the mimic lake, amidst the evergreen hedges and around the flowers. It's a veritable "fairylund"!

The Beauty contest was a close one. In fact the seven exhibitors should all have had first prizes. Mr. Heacock's flowers looked better as the night advanced. They came 1500 miles, every stem was in one of Kift's patent glass preservers and every bud wrapped so that each flower was absolutely perfect.

Judge Vesey was detained at Fort Wayne by legal duties, but Mrs. Vesey nobly filled the breach and staged her beautiful mums most artistically. Her vase of Timothy Eatons was a beauty.

Prof. Cowell, James Gurney and E. A. Kanst had a very busy day judging but came up smiling in the evening, apparently none the worse for their hard day's work.

Bassett & Washburn, of Chicago, were very unfortunate the first day in having about half of their boxes of exhibition flowers mislaid by employes of the hall and not being found again until too late to stage the flowers. However, they were in it on the second day, winning fifteen first prizes out of sixteen entries in the carnation classes.

Later Awards.

Thirty single stem plants, white—1st, Samuel Murray.

Thirty yellow—1st, J. C. Vaughan; 2nd, E. G. Hill & Co.

Thirty pink—1st, J. C. Vaughan.

Fifty single stem in variety—1st, J. C. Vaughan; 2nd, S. Murray.

Six araucarias—1st, W. J. Barnes; 2nd, S. Murray; 3d, A. F. Barbe.

Six kentias—1st, S. Murray; 2nd, W. L. Rock.

Six Boston ferns—1st, S. Murray; 2nd, J. C. Vaughan.

Group palms—1st, W. J. Barnes; 2nd, S. Murray; 3d, W. L. Rock.

Group other decorative plants—2nd, W. L. Rock.

Group berried plants—1st, J. C. Vaughan; 2nd, W. L. Rock.

CARNATIONS.

On Tuesday came the competition in carnations and the awards were as follows:

Fifty Form Hill—1st, Bassett & Washburn; 2nd, H. W. Buckbee; 3d, J. F. Wilcox.

Fifty White Cloud—1st, Bassett & Washburn;

2nd, W. J. & M. S. Vesey; 3d, Chicago Carnation Co.

Fifty Lorna—1st, Bassett & Washburn.

Fifty any other white—1st, Bassett & Washburn; 2nd, E. T. Grave; 3d, Chicago Carnation Co.

Fifty America—1st, Bassett & Washburn;

2nd, H. W. Buckbee; 3d, J. F. Wilcox.

Fifty Red Bradt—1st, Bassett & Washburn;

2nd, Peter Reinberg.

Fifty Crown—1st, Bassett & Washburn; 2nd, Chicago Carnation Co.; 3d, W. J. & M. S. Vesey.

Fifty Roosevelt—1st, Chicago Carnation Co.

Fifty any other crimson—1st, Bassett & Washburn; 2nd, W. J. & M. S. Vesey; 3d, E. T. Grave.

Fifty Marquis—1st, Bassett & Washburn;

2nd, Chicago Carnation Co.; 3d, J. F. Wilcox.

Fifty Lawson—1st, Bassett & Washburn; 2nd, Chicago Carnation Co.; 3d, H. W. Buckbee.

Fifty Geneva Lord—1st, Peter Reinberg.

Fifty Mrs. Jas. Dean—1st, Bassett & Washburn.

Fifty Morning Glory—1st, Bassett & Washburn; 2nd, W. J. & M. S. Vesey; 3d, Peter Reinberg.

Fifty Triumph—1st, W. J. & M. S. Vesey;

2nd, J. F. Wilcox.

Fifty any other pink not lighter than Scott—1st, Peter Reinberg; 2nd, Guardian Angel Orphan Asylum; 3d, J. F. Wilcox.

Fifty any other pink lighter than Scott—1st, Chicago Carnation Co.; 2nd, J. F. Wilcox; 3d, Peter Reinberg.

Fifty Armasindy—1st, Guardian Angel Orphan Asylum; 2nd, Peter Reinberg.

Fifty Mrs. Bradt—1st, Bassett & Washburn;

2nd, W. J. & M. S. Vesey; 3d, Peter Reinberg.

Fifty any other striped—1st, Chicago Carnation Co.

Fifty Gold Nuggets—1st, Bassett & Washburn.

Twenty-five blooms, white, introduction of 1901—1st, Chicago Carnation Co.

Twenty-five blooms, pink, introduction of 1901—1st, E. T. Grave.

Twenty-five blooms, any other color, introduction of 1901—1st, Bassett & Washburn; 2nd, Park Floral Co. (Denver); 3d, Peter Reinberg.

The illustration of the Kansas City flower show is a very comprehensive one, and gives a very clear idea of its extent and beauty. Certainly nothing like it has ever been seen in this country.

The mountain and cloud effect in the distance, the sky, moon and stars, the immense Japanese pagoda, where over a hundred of Kansas City's beautiful society maidens in fancy costumes dispense cake and tea, the evergreen hedges, the spruce and wild smilax, the immense masses of flowers and flowering plants, and the music pavilion, all together form a most charming vista.

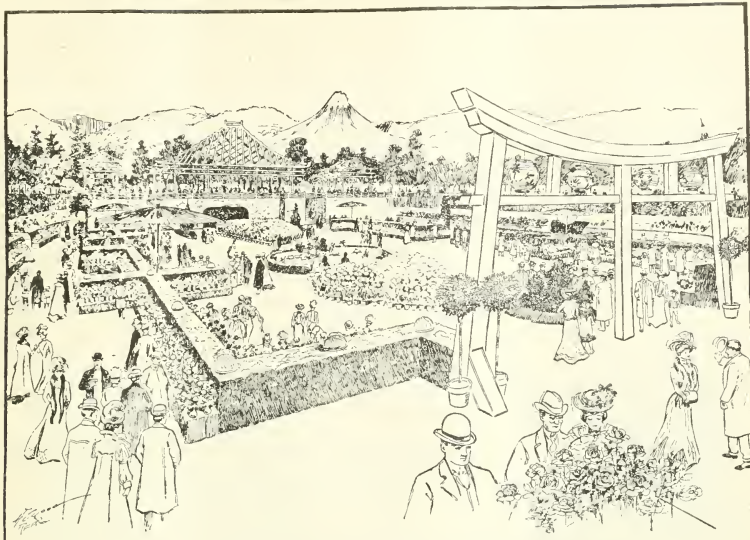
Add to these the ten thousand citizens who fill the aisles and seats to their utmost capacity, and you have an illustration of art and skill and success that may well make Eastern florists open their eyes in amazement and set them to thinking.

J. A. S.

ORANGE, N. J.

The annual Flower Show of the New Jersey Floricultural Society took place Nov. 12 in the Orange ark. The prizes were first, second and third class certificates, with the exception of the S. A. F. silver and bronze medals. The silver medal was awarded to the new rose Mrs. Oliver Ames. The bronze medal was not awarded. The display from the private greenhouses of the Oranges was in quantity and quality very creditable.

There was no attempt at competition, every one regardless of schedule went in to do their best. Worthy of mention was the display from Popken & Collins (florists). Their group, comprised of palms, ferns, etc., with bunches of chrysanthemums, carnations, roses and violets, made one long table; the effect was one of the striking features of the exhibition. William Runkle (D. Kindsgrab, gardener) exhibited a grand group of foliage plants, the arrangement being almost faultless. Also specimen Adiantum Farleyense, a grand piece.



General View of the Great Show at Kansas City.

Peter McLaughlin, gardener for Mrs. John Burk, exhibited very fine specimen palms. Mr. A. C. Van Gaasbeck (Wm. Bennett, gardener) made a splendid exhibit of chrysanthemums; also carnations. Mr. Van Gaasbeck is a new exhibitor and may be looked upon as one who may make the exhibitions interesting. Mr. A. B. Jenkins is also a new exhibitor. George Von Qualen, gardener for Mr. Jenkins, made a display of plants in 6-inch pots; also cut blooms, which were awarded a first-class certificate.

Mr. Paul Wilcox (Oscar Carlson), of Montclair, put up a small group of foliage plants, violets and carnations. Mr. John Crosby Brown (Peter Duff, gardener) made an exhibit composed of three large bush plants, pair of standards, six plants in 6-inch pots, vase of cut chrysanthemums; also carnations and roses. The quality of these exhibits was par excellence. Sidney M. Colgate (Geo. Smith, gardener) exhibited one large group of foliage plants with chrysanthemums in the center of the hall that covered about 200 square feet; he had four large bush plants; four bush in 8-inch pots, vase cut mums, specimen rhaps. O. D. Munn (John Hayes, gardener) exhibited six immense bay trees and large group of chrysanthemum plants. W. A. Manda exhibited a large collection of conifers. John N. May, collection of pompon chrysanthemums. S. Mizuta, of West Orange, Japanese plants, a miniature Japanese mountain and a miniature Japanese garden.

Mr. D. C. Edsall, of East Orange, was the only amateur exhibitor with collection of cut mum blooms, also one plant,

very creditable indeed. The school children's exhibit did not come up to former years and it is doubtful whether the society will continue giving plants to the children; the results have been rather discouraging. Mayor Stetson made an address at the opening of the show.

SANDY.

TORONTO.

Grand weather, though not any too warm, marked the advent of our chrysanthemum show. The attendance this year I believe to be considerably in excess of recent shows, giving to the boys a toner as it were to keep in existence this annual event. For a few years back it had been necessary to cut the awards and only give a percentage of the prize moneys to enable us to meet expenses.

I think taking the exhibition on the whole it did not amount to what it has in former years; the quality and quantity were not so good in many classes as previously, and the competition did not therefore seem so keen, though in many cases some very close judgments were necessary to distinguish the winners.

In the plant and group sections it was a noticeable fact that where plants were shown such as are not considered as general commercial plants, the civic conservatories were successful over the local growers, while in the sections where commercial plants were called for the men in the trade were the owners of the winning stock.

The Toronto Floral Co. are to be congratulated upon their success in the adiantum classes. Manton Bros. and Wm. Jay & Son also appeared well in

the foreground of the palm and fern classes. Some very fine orchids shown by Exhibition Park, Horticultural Gardens and Manton Bros., came in for their regular share of genuine admiration, and it might be noted that Exhibition Park was forced to look lively for first place. They have usually had it pretty much their own way.

Competition was more keen in earnings by a considerable margin than in the rose section. Chrysanthemums were not very numerous, but in many classes superior to anything shown before, while some of them were very poor. Of course we had a good showing of that monster, Timothy Eaton, and I think he appeared to be better than ever.

We were very pleased to see the name of J. J. Albright, an American grower of Buffalo, and although he did not win any firsts, we hope to again see his name among our prize tickets. The stock was very good and considering the traveling necessary to bring it here did very well.

The made up work by the retail men was not as numerous as usual, and all the classes, with perhaps the exception of the handle basket of any flowers, were easily judged. In the funeral design, Simmons was easily first, with a very pretty lyre; Jay & Son second, with same design; Dunlap, third, with a standing harp. Following is a summary of the awards:

CHRYSANTHEMUM BLOOMS.

Twenty-five distinct varieties—Dunlop, J. J. Albright, Dale Estate.

Twelve distinct varieties—Dunlop, Albright (Buffalo), Miller & Son.

Eighteen white—Miller & Son, Dunlop, Dale Estate.

Eighteen pink—Dunlop, Miller, Dale.

Michigan, Illinois, Delaware, Gammage & Sons, Louisiana, R. Jennings, (H. Hamilton), England, one color—Gammage & Sons, W. J. Gammage—Michigan.
 Twenty five, same variety—Miller & Son, Dunlop, Gammage & Sons.
 Twenty five, same varieties—Dunlop, Dale, Gammage.

ROSES

Dale 150 of 1000, bests for 12 Perle 12 (Erie), 12 Mind 7, Liberty 12, Moran, 12, Beauty, 12, Meteor, 17, six others, variety, and second for 25 Beauty, 7, in cases 9 arranged to count in judging. Dunlop took second to Dale in all classes, but 12 new variety, for which he got first Toronto Floral Co., second, 25 Beauty, first Toronto Floral Co. came next with the remaining prizes with the exception of 20 arranged, for which C. Taly got first, Wm. Jay & Son, second, both with Dale's roses.

CARNATIONS.

2 white—Dale Estate, J. H. Dunlop, Toronto Floral Co.
 2 red—Miller & Son, Dunlop, Dale.
 2 light pink—Dunlop, Dale, Toronto Floral Co.
 2 dark pink—Dunlop, Gammage, Dale.
 2 yellow—Toronto Floral Co.
 2 fancy—Dunlop, Dale, Toronto Floral Co.
 2 blooms, one variety—Dale, Miller, Dunlop.
 50 blooms, any variety, with foliage Dale, Lawrence, Dunlop.

VIOLETS.

50 double—Findlay (Brampton), Dale, R. Jennings.
 50 single—Dale, Findlay, Manton Bros.
 50 California—Manton Bros.

FLORAL DESIGNS.

Hand bouquet—Wm. Jay & Son, Dunlop, Simmons.
 Funeral design, any flowers, frame not to exceed 18 inches—Simmons, Jay & Son, Dunlop.
 Basket mums—Dunlop, Jay & Son, Simmons.
 Basket any flowers—Dunlop, Jay, Simmons.
 Table center of mums—Dunlop, Simmons, Jay.

PLANTS.

The prizes for chrysanthemum plants were divided about equally between Horticultural Gardens and Exhibition Park for first and second places and Manton Bros. and Wm. Jay & Son fighting for thirds.
 In addition Horticultural Gardens held down the larger plant classes, with Manton Bros. occasionally coming to the fore, while Toronto Floral Co., Manton Bros. and Wm. Jay & Son about equally held down the smaller fern and plant sections.

C. W.

ELMIRA, N. Y.

The fourth annual chrysanthemum exhibition of the Elmira Horticultural Society was held Nov. 12 and 13, and the common verdict was that it surpassed all previous efforts of the society. The hall was tastefully arranged and decorated by a decorating committee, with Miss Swift in charge, and when comfortably filled by the exhibits presented a beautiful appearance. Palms, laurel, green roping and hunting were the materials used in the decorations.

Several growers at a distance entered flowers, but many of them failed to send them on, but the local growers came out in full force. The quality of the flowers shown in all classes was very high, but one could not help noticing that the most improvement in the last few years has been in the carnation, although the Appleton, T. Eaton and Chadwick are way ahead of anything to be seen in chrysanthemums six or seven years ago. The Lawson, Genevieve Lord, Estelle, Mary Wood, Marquis, Prosperity and Viola Allen on exhibition showed the wonderful degree of excellence attained by the carnation.

The judges had great difficulty in deciding most of the prize-winners, the competition being very close. The Board of Trade cup, for best seedling, was won by T. Eaton last season, was awarded to the same variety, which took prize for new seedling at the Pan-American, known as Moon's seedling and exhibited by J. B. Rudy, gardener for Hon. J. S. Fassett. Mr. Rudy also secured most of the other first prizes for chrysanthemums.

Mr. H. N. Hoffman captured one first and most of the seconds, and Eugene Lewis the second prize for twelve varieties.

In the rose class the Bridesmaids grown by Hoffman received 1st and his Brides and Rudy's Golden Gates close behind. Rawson exhibited a vase of enormous Golden Gates, not competing.

In red carnations Rudy was 1st with Jubilee; Emerson Orvis, 2d with Crane. In white, Rudy 1st, with Mary Wood and F. L. La France, 2d, with Flora Hill. In pink, Hoffman was 1st with Lawson and Genevieve Lord, and La France next with Marquis. For violets, the 1st went to Hoffman, and 2d to Orvis.

The F. R. Pierson Co. sent a fine display of chrysanthemums. Col. Appleton and Nellie Pickett, the latter a very pure white. The Cottage Gardens sent three new carnations, but they were delayed in some manner en route, so were in poor shape to judge of their merits. They were all good in stem. The J. H. Manley is a very pleasing fringed scarlet, and Viola Allen is most lovely soft shades of white and pink variegated.

Mr. C. E. Hunn, of the Horticultural Department of Cornell University, brought a large and interesting collection of pompon varieties. Mr. Rawson occupied one corner of the hall with his exhibit of fine mums and roses and his wreath of "The Golden Flower" arranged on a moss covered plaque.
 Among the visiting florists from out of town were W. C. Rockwell, of Bradford, Pa., and Edward Snow, of Athens, who acted as judges; H. L. Drimmer, of Bath, C. E. Hunn and A. W. Stevens, of Ithaca, and Mr. Moran, of Watkins.

II.

MARSHAL, TEXAS.

Our "mum" show, which was held on the 7th and 8th (one week earlier than the advertised date, owing to the forwardness of the flowers) was a grand success in every way. While the East Texas Floral Association is composed largely of amateurs, the quality and quantity of the exhibits could have done credit to a professional exhibition, and when you take into consideration that the flowers were grown outside it surely gives great credit to the growers and the association.

Large quantities of superb single stems in all colors were shown; Silver Wedding, Major Bonnaffon, Black Hawk, Maud Dean, Mrs. Perrin, Mrs. H. Robinson, Timothy Eaton and scores of other sorts were shown in both bush and single stem pot plants, and also as cut flowers; many flowers were shown that measured over 9 inches in diameter.

The show was held in a large pavilion which had been nicely draped with wild smilax and which, with its many incandescent lights, made a beautiful display at night. Large banks of palms and ferns made a delightful background for the excellent display of chrysanthemums. While the chrysanthemum was the leader, the rose was a close second, thousands of fine roses being shown. The competition was strong and it took close judging. Many fine sorts were shown; Kaiserin, Perle, Bride, Maid, Golden Gate, Pres. Cleveland, Meteor, American Beauty, M. Guillot, Marchal Niel, Sunrise and LaFrance being in the lead as to quantity, but many of the newer sorts were shown in smaller quantities.

One of the most attractive features was the eight afternoon reception tables, all of which were well worthy of a prize, but only two prizes were offered for tables and it took close judging, so close was the competition.

The attendance was large and the music, both vocal and instrumental, was fully enjoyed.

Mr. F. W. Beach, of Dallas, was the judge, and so well was his work performed that we shall hope to see him with us again next year.

B.

OBITUARY.

John Goode.

John Goode, a pioneer florist of Chicago, died at his home in Melbourne, Fla., Nov. 17, aged 88 years.

He was born near London, England, in 1813, and came to Chicago in 1845. He later went to St. Louis, but after a few years returned to Chicago and through a long and active life was an important factor in the trade in that city. He was at one time associated with Samuel Brooks, who built the first greenhouse erected in Chicago, and in 1857 he was one of those who founded the old Lewis Nursery. In 1869 he established the greenhouse business at Fifty-third street and Kimbark avenue, and continued here until 1882, when he removed to Florida, having disposed of the business to his son-in-law, Mr. Andrew McAdams, who still continues it.

In Florida he built a beautiful home, surrounded by a wealth of the trees and plants he loved, and here passed his declining years. His death breaks one of the most important living links with the earliest days of the trade in Chicago. He was engaged in floriculture for seventy years and during his long life had seen the business grow from its exceedingly modest beginning up to its present magnificent proportions.

He is survived by a widow and six children, among them being the wife of J. A. Pettigrew, superintendent of the parks of Boston.

Thomas Meehan.

Thomas Meehan, the noted nurseryman, head of the firm of Thomas Meehan & Sons, Germantown, Philadelphia, Pa., died Nov. 19, full of years and honors.

He was a distinguished botanist as well as a horticulturist, was vice-president of the Philadelphia Academy of Natural Sciences, was for many years editor of the old *Gardeners' Monthly*, and later of *Meehan's Monthly*, was for almost a generation a member of the Philadelphia City Councils, was a philanthropist and a much respected and revered citizen of Philadelphia.

He has been a most important factor in the advancement of horticulture in America and his life's work will be a most effective and permanent monument to his memory.

CHRYSANTHEMUM NOTES.

Timothy Eaton has been making a great showing at the exhibitions during the past week, and while it does not finish so good as some of the others, its immense size carried it through some tight places. The Eatons exhibited at the American Institute were simply enormous, and kept perfectly throughout

the shows. Eaton was also very prominent in the whites at the Philadelphia show, and though very much smaller than the flowers put up in New York, were possibly better finished in the center.

It seems to be fashionable in some quarters to run Eaton down without a word for any good qualities it may possess. For myself I believe Eaton will become a standard white for commercial purposes. It is a fine keeper, no one can deny that, and readily responds to decent culture.

One of the most beautiful varieties I have ever seen is A. J. Balfour, recently shown in a winning class. It is a lovely shade of pink, and the foliage and general appearance are simply the perfection of neatness. Of its habits or antecedents I know nothing, but it is a variety that should be kept track of.

Goldmine cropped up in good shape in several places last week. As shown at Orange, N. J., in the single stem plant classes, it was very fine indeed. It evidently does best on the late bud, and

any craving for chrysanthemum flowers. Then roses and carnations are coming in in splendid condition, and the flower-buying public once more turns to these as a change from the avalanche of mums that has been overwhelming them.

The standard of exhibition flowers this year has taken a tremendous jump upward all through the country. The interest, too, seems keener than for years past, and taking things generally the chrysanthemum is today on an excellent basis. True, there has been some kicking about prices ruling lower, but the fact that there has been little loss this year from unsuitable weather ought to bring the average of prices up to a normal standpoint.

BRIAN BORU.

ROSE NOTES.

Liquid Food.

After the mulch has been partly exhausted the plants will be benefited by an application of liquid food; this being easily and quickly assimilated can be

quency of the feeding. Plants in a backgong or unhealthily state are in no condition to derive benefit from liquid food; it only makes them worse.

Some soils are benefited by applications of nitrates and chemical stimulants, but the ordinary grower's knowledge of chemicals is very limited and as "A little knowledge is a dangerous thing," it is wise to be very careful in their use. These and concentrated foods are safe only in the hands of experts. Few of the older growers but have seen the direful results of this dabbling in chemicals; and, as "A burned child dreads the fire," many of our best and most successful growers depend for their feeding material entirely upon the natural product from the cow barn.

During the winter months rose benches will be benefited by light applications of air-slaked lime. This has a tendency to stiffen the flower stem and also keeps the soil sweet. It can be applied with the powder blower, using as much at each application as will make the surface perceptibly white.



Part of the Rose Exhibits at the Philadelphia Show.

possibly will make the best showing if not propagated too early in the season.

Appleton is still being shown in grand shape, and proves thereby that it is a splendid keeper. It is useless to bother with Bonnafon any more, when Appleton will produce a flower twice the size under the same conditions of culture, and if the right bud is taken, i. e., a very late crown, the flowers will develop perfectly.

Lady Roberts has been heard from, but not very extensively. Those best qualified to know say that there is very little difference between Roberts and Eaton, saying that Lady R. makes a better center. If it does, and yet possesses all the good qualities of Eaton, it should make a better flower to grow for exhibition.

A new seedling exhibited at Philadelphia as No. 4, will probably be heard from again as a purely exhibition variety. It is an exact duplicate of Jeanie Falconer in shape, immense in size, and somewhere between a buff and a bronze in color. Its class will be "any other color" and then you can call it any color you like.

Wedding, Eaton and Chadwick are the only varieties we have left to cut from, but they are all in fine shape, and will carry on to Thanksgiving. After that time it seems to us there is no longer

used at the proper stage of growth to insure best results.

A good liquid food can be made from fresh cow manure. For this purpose a tank should be built of sufficient capacity to hold as much water as will be required for one application. This to be used as a reservoir to distribute from, and which can be connected with the water service pipes and pump. Another tank of smaller size should be built, if possible on a higher level, and connected with the first. Fill the smaller tank with manure and water and allow to stand until it ferments, when it can be drained through a half inch screen into the larger tank and water added to reduce it to the required strength. The first application will have to be weak, gradually increasing in strength as the plants get accustomed to this kind of food.

Liquid food should never be applied to a bench in a dry state nor in dull weather. The best stage at which to begin feeding is when the young growth for a crop has attained a length of 3 or 4 inches, feeding once a week, four such applications generally being all that is necessary to fully develop a crop. By the beginning of March, with longer days, more sunshine and active spring root action, roses will be benefited by increasing the strength and fre-

This should not be months for some time after mulching when bone is in the compost. RIBES.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Following are the reports of the committees judging seedlings and sports:

Boston, Nov. 9.—Waban Rose Conservatories, Natick, Mass., exhibited Henry A. Gane, a rosy pink with lighter center, Japanese, incurved, which scored 84 points commercial scale, 86 points exhibition scale. This variety was raised by the late Henry A. Gane.

Nov. 16.—John G. Jensen, Providence, R. I., exhibited Providence, light shade of nankeen, Japanese, incurved, scoring 86 points commercial scale, 87 points exhibition scale. This is supposed to be a sport from Western King.

Nathan Smith & Son, Adrian, Mich., had several varieties on exhibition before the Philadelphia and Boston committees, but as they were exhibited under number, we think it advisable to withhold publication of same until names have been furnished.

EDWIN LONSDALE, Secretary.

MARSHALL, Mo.—Henry H. Hensley, the florist, was married Nov. 12, at Springfield, Ill., the bride being Miss Jessie R. Chapman, of that city.

MISCELLANEOUS SEASONABLE HINTS.



Violets.

A subscriber writes as follows: "Would you please give me in the Review the correct treatment for violets in cool houses? Is nitrate of soda harmful? If not, in what proportion should it be used? How and when should they be watered? What ventilation is necessary? What insects are they subject to and which of them is their greatest enemy?"

To answer all this at any length would be a treatise on the violet of a good many pages. And further I am not sure that any one can give the "correct" treatment. They can only say under what treatment they have been successful, which in the case of violets is very likely to disagree with the treatment of other growers.

First, about cool nights; from 40 to 45 degrees at night is the temperature generally considered right; below 40 the flowers will come slow in the middle of winter and above 45 will mean a good many flowers but a short crop.

Nitrate of soda can be and is used on violets. It will give depth of color to flower and leaf but will not increase size or quantity of bloom. One pound dissolved in 40 gallons of water can be used with safety.

Violets, like any other of our crops, want watering when they need it. Contrary to what many suppose the solid beds take water oftener than the benches, unless the heat of pipes dries them out. I would say let the beds get slightly on the dry side and then give them a good, copious watering; if in dull, cold weather, water between the plants, wetting the leaves as little as possible.

About ventilation. A most remarkable illustration came to my notice last week. In a north lean-to house of violets where there is only one 4-foot bench of violets and the ventilation is right over the plants and near the front of the bench, the ventilator is not over one foot above the plants. There is a very marked difference in the color and vigor of those that have had the air let in right over them. The ventilators are about 12 feet apart and wherever they occur there is a green, healthy batch of plants the width of the ventilator and those away from its influence are anything but vigorous. I would by no means advocate ventilating by this method. It should be at the ridge, for then the air is equally distributed throughout the house. Give air whenever the temperature goes over 55 degrees, but if a cold, cutting wind is blowing, it is better to let the temperature go a little higher than have a nasty draught on them.

The violets are easily attacked by the common greenfly and several species of a worse kind. Besides the aphid, red spider is often the cause of failure. The spot is caused by a fungus. I know of no cure for the spot but keeping the plants clean and picking off the leaf the

moment it is discovered. Syringing spreads the fungus. It generally appears in the houses during the months of September and October. Red spider appears in the houses in July and August, but those are the months that you can syringe vigorously every day and there is no excuse for letting red spider get lodgment. There are plenty of days in October when you can syringe and if they are clean of spider at the end of October there is not much danger after that. The several species of aphid that attack the violet are much the most troublesome and it's eternal vigilance that will save.

I have been speaking all this time of indoor culture and therefore I believe that from the time they are planted out in the beds, say end of June, they should be faithfully fumigated, not too strongly, but often, at least twice a week, till you begin to pick flowers, and if they are clean by November 1 it is seldom that the fly will trouble you after that. Some growers in place of fumigating use tobacco dust sprinkled on the plants and some use a solution of one of the extracts of tobacco. The whole secret of violet growing is to keep them absolutely clean of all insects of every kind, but this is seldom done; it needs lots of energy and sustained effort, and simple as it seems to keep plants clear of their enemies it is neglected by the great majority.

Crimson Ramblers.

As Easter is very near this year (last day of March), you must consider it when starting and forcing several things, notably Crimson Rambler roses. Those grown in pots all summer, which should now be resting in a cold frame, need not be started growing till the middle of December. Those lifted from the ground during the early days of this month or about now want no real rest, and after being in a cool, shaded house for a few days will want to be started going again; but let it be very gradual; to put them into much heat before the roots are active would result in failure sure. Plenty of syringing at all times is good for them; in fact, an essential.

Lilacs.

Lilac, if wanted at Christmas, must be started at least by the first of the month. It needs a strong heat, about 80 degrees, for the earliest crop, and as the season advances less heat is necessary. If they are near pipes, counteract the dry heat by plenty of syringing.

Cyclamen.

Cyclamen are just coming into bloom and a beautiful plant they are. If you have succeeded in growing them till now with success there is not much fear of future failure, except by letting them get troubled with greenfly. In addition to a mild fumigation occasionally, tobacco stems strewn among the pots will do wonders in keeping down their greatest enemy. Cyclamen if not wanted for

early flowering, or perhaps not till Easter, will do very well in a temperature of 40 degrees; it will simply retard them, but to flower them to perfection about 55 degrees is the thing; if much higher they grow spindling, and if cooler they are too slow. You have most likely sown cyclamen weeks ago and they are up. Plenty of light and a temperature of 55 degrees will do well for the young plants. I think they grow much better in flats than in small pots when first handled from the seed pans. For later batches there is plenty of time to sow yet and till New Year's.

Lily of the Valley.

Lily of the valley pips will be now arriving. Don't attempt to force any but cold storage pips for Christmas and New Year's; in fact, don't depend on the new crop to give you flowers till middle of January. When the new roots arrive unpack and dip each bunch for a moment in water and then put them away in a box 7 or 8 inches deep with some soil between the bunches of roots. If the box contains just what you want to force each week so much the handier. Place the box in a frame and cover over the crowns with two or three inches of soil. Cover the frame either with glass or boards, something to keep the rains off. For excessive wet is not good for them. If you force extensively it will pay well to sort over all the roots, choosing the largest and stoutest pips for the first forcing and the weaker for the later.

WILLIAM SCOTT.

A DINNER TO M. VILMORIN.

On Nov. 6 a dinner was given to M. Philippe de Vilmorin, of Paris, by Philadelphia and New York seedsmen and the directors of the Wholesale Seedsmen's League at the Bellevue Hotel, Philadelphia.

The menu was very choice and the menu card was specially designed, bearing the French and American flags in colors, surmounted by an eagle. Pages were provided for the autographs of those participating in this notable affair, and we present herewith a reproduction of these autographs, which include the signatures of many of the most noted seedsmen in America.

Mr. and Mrs. Vilmorin, who made an extended tour through the United States and Canada during the last two months, sailed for home from New York Nov. 14, on steamship La Savoie.

CARNATION NOTES.

Varieties Exhibited at Indianapolis.

Perhaps a few remarks on the carnations shown at the recent fall show held here in Indianapolis would not be out of place at this time, as we must decide within a few weeks what new varieties we want to purchase for next year. Every year we find that we can improve our collection of varieties by adding one or more of the new ones and perhaps dropping a few of the older ones, and so we are continually looking out for improvements in every color.

The quality of nearly all the varieties shown was very good indeed, but there were many varieties absent which we would like to have seen. There was not a bloom of Prosperity, Norway, Lorna nor Roosevelt on the tables, although we know that most of these varieties can

Philippe de Vilmorin
 F. W. Brüggerhof
 Henry T. Nichell
 Walter Stokes
 Edwin C. Brüggerhof
 Robert Dull
 William B. Drell
 Chas. H. Brock
 Wm. J. Lawrence
 Alex. Forbes
 Herbert W. Johnson
 Ardou
 Ernest J. Brant
 G. de Vilmorin
 W. L. Munn

Autographs of the Seedsman at the Dinner Given M. Vilmorin in Philadelphia.

be had in fine shape by this date and what plants we have are producing good blooms on fine stems. We have never seen a single bloom of Olympia exhibited in this city. Mrs. Bradt being invariably the variety shown in the class for striped. There were several vases of good Mrs. Lawson shown, and we noticed that most of them had very good stems, 15 inches or over. Those having the longest stems were from plants that were kept inside all summer.

A vase of Triumph was about as fine as any one could wish to see. The stems were fully two feet long and supported blooms which were fully as large as the Lawsons. This vase was staged by Mrs. Vesey, of Fort Wayne, and she is to be congratulated on her success with this variety.

A vase of 100 Dorothy showed up very nice indeed. The blooms were of average size, the stems about 18 inches long, and they held the blooms up nicely. We

have heard some criticism in regard to the keeping qualities of this variety, but we must say that these blooms the last day of the show, when all the others had gone to sleep, looked as fresh and larger than they did when they were first staged, and not one out of the 100 blooms had gone to sleep.

Avondale, or the pink Armazindy, was shown in very good shape by several growers. Those who are successful with Armazindy ought to have good success with this variety. There was a vase of Genevieve Lord which were fair in size and stem, but we never admired the color on account of the faded edge. We were surprised to see no blooms of E. Crocker, although we know of at least one grower who could have staged it in good shape.

There was a vase of old Daybreak, and although the blooms were very fair for that variety, they were far and away behind a vase of Elma, which is about three times as large and a much prettier bloom.

In white White Cloud had its own way, as there was only one vase of Flora Hill shown. These were very good blooms, but Flora Hill always has a poor stem in the fall, and that is where White Cloud wins. White Cloud seems to be earlier with most growers than usual and the blooms that were shown were very good and on 2-foot stems.

There was a vase of old Lizzie McGowan, and it was interesting to notice the difference between its small blooms and poor stems and the fine blooms and stems of White Cloud, yet the exhibitor claims that it pays him well in funeral work, etc.

In red we were surprised to see both first and second prize go to America in spite of the several good vases of Crane that were up against them. On inquiry we found that they were judged by artificial light, and as we have said once before in these notes, America seems to brighten up at night, while Crane and Jubilee both seem to deepen in color, and that is how it happened. America makes a larger bloom than the other two and the stem is just as good, but when judged by daylight Crane usually wins on color.

The only variegated variety shown was Mrs. G. M. Bradt, and they were considerably below the other varieties shown in quality. Many growers who usually grow a bench full of this variety this year have only a few hundred plants or none at all, as they do not seem to sell as well as the solid colors. There was not a single bloom of any of the yellows nor of the dark crimson, neither of which are popular around here.

There were a number of seedlings, etc., shown, but their owners will tell you of their good qualities in due time. Mr. E. A. Nelson's vase of his new pink, Mrs. E. A. Nelson, was very nice, considering that the plants had only been in the houses a few weeks. Owing to the doubling of his place this summer he was a little late in getting his carnations housed, but he says he will have them in fine shape by February.

By the way, don't forget to arrange to come to Indianapolis to the Carnation Society convention. It is going to be the best ever held by that organization, and you cannot afford to miss seeing the exhibition, which will be great. You will be well taken care of.

Cultural Notes.

Now that regular firing has commenced, you must be very careful in the watering. The sun is not so strong any more and on many days it does not shine at all. The soil does not dry out as rapidly and much less water is required, especially if a heavy mulch is on. At the same time the steam or hot water pipes will dry out the soil quite rapidly, wherever they are close to the bench, and you must continually look out for these dry spots each day. Go over the benches every morning and examine the soil here and there and then go over them again with the hose and water carefully where it is needed. If a pipe runs along underneath a bench and close to it you must watch carefully so the soil does not dry out at the bottom, as this is extremely harmful to the plants. In fact, if you water properly your benches will need a good soaking all over every now and then, and then it should be done thoroughly so that the water will go clear through to the bottom. Notice carefully those varieties that need a good deal of water and also those that want to be kept a little on the dry side. It will not take you long to see the effect on the plants.

I cannot tell you what varieties you must water heavier than others as it depends largely on your soil and the temperature you maintain in your houses. Those varieties that make narrow grass blades and wiry stems usually need less water than those varieties which make broader blades and thick fleshy stems and thick-petaled blooms; as, for instance White Cloud and Jubilee need more water than Scott and Flora Hill. Then again a heavy soil will hold moisture much longer than a light porous soil and will not need watering as often, but more damage is done too if it is allowed to become too dry.

It has been said, and very truly too, that if you can water right you need not worry about not having good success and during these next four months you will prove either that you do know or that you do not know how to water. Along toward spring more water is needed again and as the soil is full of roots and evaporation is rapid there is little danger of overwatering.

A. F. J. BAUR.

NEW YORK.

The Week.

The past was a busy week for most of the florists hereabouts, and quite a few were more than tired out after the worry and work attached to the dozen shows recently held in this section. This week the very atmosphere is full of horse show. Most of the principal florists decorate their windows or stores with something appropriate to the horse, and some pretty and some awfully funny things are seen. Yellow chrysanthemums and black satin ribbon regales one window, whilst violets, ana blue ribbon and tassels growl at one another in the next; then come saddles and boots and whips, aye, the very horses themselves appear 'mid heaps of varied colored mums.

But it is a pity every aspiring retail florist in the country cannot visit the Waldorf-Astoria this week; he would see and learn much there. Arthur Merritt, with Small & Sons, has done sev-

eral horses and horses' heads that have never been equaled, and they are only of wire and green moss and pampas grass. Visitors are welcome in this hotel, and all who can should see this work.

It is difficult at this writing to say what the flower end of the great horse show will be. Yesterday the market was cleared of all good stock at fair prices. Violets, that is, good violets, are scarce and bring big prices, for they are looked upon as an essential part of this national parade of overdressed people. We have heard that some growers have been offered as high as \$2.50 and \$3 per 100 for their violets—anything goes these days.

Gardenias and carnations are much worn by the men, and cattleyas and valley adorn many a diamond spangled gown. It seems to us from the crowds on the avenues and in the hotels that all the rich folks have swarmed here, and doubtless the florists of all other cities miss some of their patrons this week. Of course, there being so many hundreds, we might almost say thousands, of florists in this city, any influx or increase in trade causes little or no excitement, but a great event such as we are having at the Madison Square Garden this week certainly brings an immense trade with it in flowers as well as in other goods, and it is safe to say there will be decorated tables at dinners, etc., during and after the show.

Everywhere one goes or looks there are piles of chrysanthemums; they're getting to be monotonous to some. Weddings there are to be sure where greens and mums are being used, but there have been no record-breaking decorations; all so far this season have been on the cheap scale.

An Exhibition.

A two days' flower show was held at the Berkeley Lyceum, West Forty-fourth street, on Nov. 13 and 14. Some very fine chrysanthemums were shown. A Herrington won five firsts and two second prizes. His fifty T. Eatons were immense. I. L. Powell won a first with twenty-five Weeks. W. Russell won first in thirty-six blooms, six of each. George Hale and James Bell, John McNicol and William Scott won several prizes.

E. G. Hill sent some fine Eatons; Lager & Hurrell showed some choice orchids; C. W. Ward several prize winning vases of carnations; H. A. Spavins, Mt. Kisco, showed some promising seedling carnations; H. Clinkaberry sent many fine seedling cypis; H. Siebrecht & Son, John N. May, J. Roehrs, H. Nicols and George Middleton put up interesting exhibits which won many prizes.

Bowling.

What did the sleepy Philadelphians do To the wide-awake New Yorkers—whew! It was simply awful, downright premeditated slaughter. We hear all kinds of stories anent the bowling match rolled by the New York and Philadelphia teams in the Quaker City Nov. 12, on which occasion the floor was wiped up with ambitions and reputations. The defeat of the New Yorkers is placed to the howlers and interferers by many who were there. There is a strong desire that both teams come together again on neutral alleys in both cities, and that noise and maseots be ruled off. New York nerges are no match for Philadelphia lunks; let us see both teams come together on strange alleys, where a bet-

ter test can be made for championship material. Bowling scores in New York last night were:

Hafner	.....	395	194	183	Van Hoesen	.....	155	149	165
Siebrecht	.....	140	145	184	Usading	.....	78	82	97
Burns	.....	148	148	151	Gutman	.....	128	135	161
Lang	.....	169	200	178	Elliott	.....	119	135	155
O'Sara	.....	140	151	170	Theilmann	.....	150	154	169
Tracy	.....	178	171	162	Mansfield	.....	142	138	139
Lentz	.....	178	160	181					

There is some talk of having a ladies' night at the alleys. Possibly the girls want to see where the boys spend so much time.

J. I. D.

PHILADELPHIA.

The Market.

The market was in a chaotic state last week. Saturday was a busy day, some of the other days were not. This week the conditions are better. Indications point to a brisk demand from now on. The retailers are preparing their choicest combinations to satisfy the friends of the lovely debutantes. Large teas are being given daily in their honor, and it is no unusual sight to see at least one hundred bouquets tendered to one of these society buds.

Chrysanthemums are moving very much better; it seems probable that the demand for these autumn flowers will equal the supply until their reign is over. Prices are stiffening a little bit with prospects for an advance for Thanksgiving Day.

Various Items.

Samuel J. Bunting, Fifty-eighth and Elmwood avenue, has six houses of roses, three of Brides and Maids, two of Kaiserin and one planted with Beauties and the Four Hundred. The latter is a sport from Beauty, of a deeper shade. Whether distinct enough to warrant its cultivation as a separate variety remains to be proved. There are several hundred plants and preparations are being made to give this rose a thorough trial. It may be of interest to add that the Four Hundred sported with D. T. Connor, now Mr. Bunting's foreman, about four or five years ago.

There is one house of chrysanthemums, Bonnafon, Wanamaker, Viviani-Morel and Maud Dean and several other midseason varieties being at their best. Easter plants are a specialty here. Ten thousand lilies are coming on; there are also many hydrangeas.

Samuel S. Pennock is receiving some especially fine Timothy Eatons.

Joseph Heacock received a silver cup for his exhibit of fifty American Beauties at the Baltimore show last week.

Fairmount Park has a good chrysanthemum display which has attracted crowds of people. An effort was made this year to lighten the effect by using more of the red and bronze colored varieties to set off the lighter colors.

A prize was offered for the best miniature garden at the Chestnut Hill show. There were three competitors. Curiously enough the best exhibit was disqualified on the ground that while very fine it was imperfect, as there was neither an entrance nor an exit.

George M. Moss made a total of 528 in three games in a local bowling match on Saturday night.

Lost, on Tuesday evening, Nov. 12, at the bowling alleys in Horticultural hall, Philadelphia, a valuable package of dough. The finder will please address the New York Florists' Bowling Club.

Show Notes.

A visitor, informed probably by one of the daily papers, inquired anxiously for the orchid spray out from the \$10,000 plant. He was shown George Fields' "Vanda Cerulea."

The exhibit of hyacinths in bloom from Henry F. Michell puzzled the uninitiated. One man was observed smelling them. Another after gazing for some moments cautiously handled one and was heard to mutter "artificial" in tones of disgust. This exhibit was so highly esteemed by the Wilkesbarre florists that they borrowed it for their exhibition this week. The flowers were made of cotton, and the bed of sphagnum moss. The effect was strikingly realistic.

Thomas Butler, weaned from his former vocation, was in charge of H. Waterer's bulb exhibit.

Many visitors from all over the country were attracted to this great fall display.

Bowling.

The Philadelphia bowlers downed their New York brethren on Tuesday evening, Nov. 12, on the home alleys, wiping out the defeat of three weeks before with something to spare. Following are the scores:

PHILADELPHIA.

	1	2	3	Total
Moss	179	151	188	599
Gibson	147	138	161	446
Harris	189	136	173	498
Starkey	163	136	140	439
Kirt	153	181	159	493
Connor	135	157	200	592

2884

NEW YORK.

	1	2	3	Total
Lang	147	147	167	461
O'Mara	131	145	138	415
Tranquilly	129	138	122	410
Burns	169	146	162	477
Lentz	129	163	122	414
Theilmann	144	126	111	381

2538

PHIL.

BALTIMORE.

Trade may be quoted in commercial phrase as "fair to middling." During the reign of the Queen of Autumn other royalties are in eclipse and it is not too emphatic a statement that many in the trade wish it were well over and her majesty's obsequies ended. The truth may as well be spoken that, at least for this particular spot of latitude and longitude, the chrysanthemum does not receive the marks of patronage and popular favor which once marked her royal progress. Whether size and ponderosity have been overdone, the big mums do not "go" as they did, and will not bring their former prices. Their season has been extended, too, so that from the earliest to the latest varieties they span a length of time which allows of the general public getting tired of them, and it turns again with relief to the more graceful rose and the ever attractive carnation.

The Exhibition.

The topic of the past week in trade circles was the chrysanthemum show of the Gardeners' Club. For effective display and artistic handling of the material presented, the show excelled any the club has held, and to the committee in charge, Messrs. Robt. L. Graham, George O. Brown and Philip B. Welsh, as well as to its energetic and popular president, Robert Halliday, belongs only

praise for the taste and skill exhibited and the hard work done.

The stage was occupied by groups of fine foliage plants deposited by John Cook. The walls were decorated with southern smilax, and the visitor as he entered caught a charming *Coup d'oeil* of the attraction through an opening left in a hanging curtain of this material dividing the foyer from the main hall. Instead of the long tables the displays were broken into small groups, the entries of chrysanthemums in pots not being numerous. Two of the parks of the city contributed largely to the exhibition, the foliage plants and ferns from Patterson Park showing especially good handling.

Halliday Bros. had some palms of tall stature and fine foliage arranged along the walls, and Edwin A. Seidewitz another group. E. Holden (gardener to Mrs. Robert Garrett), showed some well-bloomed Gloire de Lorraine begonias.

Among the heavy contributors of mums were: Lehr Bros., G. A. Lotze, Jr., Halliday Bros., Philip B. Welsh, Charles M. Wagner, (gardener to Mr. C. R. Diffenderfer), H. Weber & Sons, Oakland, Md.; Henry Eichholz, Waynesboro, Pa.; M. J. Hannigan, (gardener to Mr. Jas. A. Garey), R. Vincent, Jr., & Son, and E. Holden.

Wm. Paul Binder, raiser of the popular Robert Halliday, Harry Parr and Lady Harriot, had other seedlings on show, notably Mrs. Harry V. Casey, a Japanese incurved, clear pink variety, and James Pentland, a pure white. He had some others of grotesque forms and unusual colors. He also exhibited a fine light pink seedling, the "Bently," originating with Robert G. Carey, of Philadelphia, decided by all to be an acquisition of merit.

The quality of the mums shown was generally fine—the magnificent Appletons and the immense, if rather coarse, Timothy Eatons making a sensation.

Roses and carnations were not up to the highest exhibition standard, excepting from this a superb vase of fifty American Beauties from Joseph Heacock, of Wyncote, Pa. John Cook's seedlings—Baltimore, another, a beautiful blush pink, and two of American Beauty blood, attracted much attention. The carnations came to grief and sleepiness all too soon. Designs were not above the usual conventional level as to taste and execution.

The judges were Messrs. Gude, Blackstone and Clark, of Washington, D. C.

The principal mum awards were made to G. A. Lotze, Jr., Lehr Bros., H. Weber & Sons, Henry Eichholz, Halliday Bros., E. Holden, P. B. Welsh and C. R. Diffenderfer.

Mr. Heacock received a silver vase, a special prize, for his American Beauties; H. Eichholz a silver ladle for his Timothy Eatons, and Lehr Bros. \$25 for 50 Appletons.

The show, unfortunately, was not a success financially, the attendance, considering the attractions and beauty it presented, being meagre. The *Sun* announces, apparently by authority, that "the public did not pay the expenses; in fact, hardly enough to pay the hall rent, and the members of the club will have to go down into their pockets to make up a deficiency of several hundred dollars."

This was in direct contrast to a show held at Patterson Park the previous

week. No admission fee was charged, and about 16,000 persons passed through the building to inspect and admire the plants and flowers, which Mr. Seibold and his assistants had arranged for their delatation.

Trade Notes.

The alterations, long in progress, at the Charles street store of Halliday Bros. have been completed, and one of the new features is a fine bow-window, which is kept decorated with the most expensive and showy materials. Indeed, this exhibit and the equally attractive one of Saml. Feast & Sons in the next house, are a flower show in themselves and make this part of the street bright and lively.

Mrs. Schuler-Thomas has had her store on Saratoga street remodeled. A feature is the garland of flowers on the walls painted by the trained hand of her artist son, Hans Schuler, whose friends and well-wishers believe he exhibits more than talent, genius, as a sculptor. A little bronze electric light bracket, done by him, is a thing of beauty and grace.

Still another penal institution (by courtesy and perhaps officially a "reformatory") is about to build a \$1,000 greenhouse. Just what disposition is to be made of the products is to your correspondent unknown. R.

BOSTON.

Trade Conditions for Nov. 10-16.

This week probably marks the passing of the heaviest point in the chrysanthemum season, and the consequent lowest ebb in the rose trade, which is that part of the business most affected by the late heavy cut of the former. Pinks and violets have been scarce enough to take care of themselves most of the time so far, and suddenly become much more so during the week, so that prices took an appreciable upward bend so far as violets were concerned, touching a bill per hundred on good ones of either kind. Roses keep up their number very well, and the producers hope to make a mark with them right away.

Right on Occasions.

On Sept. 13, 1759, Gen. Wolfe floated down the St. Lawrence River, sealed the cliffs leading to the Plains of Abraham and secured a position for his army by which he captured Quebec and destroyed forever the French control of Canada. One hundred and forty-two years, two months and four days later I floated down the subway upon an Oak Square electric, sealed the heights of Brighton and secured a position from which I could have smashed every pane of glass in W. H. Elliott's massive place with the millions of square stones that lay at my feet. The commander-in-chief being absent, Chief-of-Staff White sur-rendered unconditionally without firing a shot. One hundred thousand feet of glass were passed over for inspection, upon which we hereby award a first-class certificate.

The place reminds me of the noted English drink—it is half roses and half asparagus, counting both the plumosus nans and the twenty thousand of Sprenger. And either the tall houses of the former or the low houses of the lat-

ter make a regal picture to look upon, more pleasing to my eye than any house of blossoming plants I ever saw. The condition of everything can hardly be improved, but just now the two 465-foot pink and white rose houses are quite off crop. However, you can hear the next crop coming. The main plumose house, 200x110 and 30 feet high, makes the prettiest sight, with its thousands of green line threads running perfectly perpendicularly from the ground to the glass, each with a feathery vine closely trained upon it. This house, like most others on the place, is cut on the bias to make it fit the steep eastern slope of the hill.

In the two long rose houses already spoken of is a system of tying down old bushes that seems new to me. Perhaps a committee of rose experts should examine into it to pronounce either praise or censure. As the results look all right I think I will maintain a discreet silence. In several smaller houses are found a big growth of fine Carnots, Kaisers (now off duty), Meteors, a magnificent house of Liberties and a house of very dormant Jacks. A good, clean growth of American Beauties in one end of the long houses also suggests where the stock is coming from to supply the large new house now being built, as heretofore reported, upon his late New Hampshire purchase. And over and above all hangs the aroma of the departing glory of a quite numerous chrysanthemum output, which has filled all the stray corners and high shelves. Good solid construction, repairs well kept up, plenty of work room space, fine office arrangement, perfect equipment everywhere is the word. Thirteen of those automatic ventilators have the general oversight of their part of the business. I forgot to inspect the heating apparatus, but I think it is safe to imagine they have something of the kind, as I saw a chimney about a dozen feet square sticking right up through a glass roof, which is a peculiarity I never noticed elsewhere. More room in Brighton and of course an unlimited space upon his New Hampshire farm for additional growth, coupled with Mr. Elliott's improved health during the past year, makes him a very probable disciple of expansion, on the installment plan, for years yet to keep pace with increase of business.

Mr. Sutermeister fully appreciating the honor conferred upon him by the picture episode, has expressed to me his gratitude towards all contributors thereto.

J. S. MANTER.

CHICAGO.

The Market.

The supply has materially shortened up and prices on roses and carnations have stiffened. The best Brides and Maids now easily bring \$6, and prices grade from that down to \$2 for the poorest. There are still many weak ones and there is a scarcity of top grade stock. In fact, we hear of sales at \$7 and \$8 for some specially select stock. Beauties hold their price level and there are about enough to meet demands. Carnations have become really scarce, especially white ones. Anything at all good will bring \$1.50, good ordinary will fetch \$2 and fancy from \$2.50 to \$3. Chrysanthemums are moving very

well. There is, however, a shortage of whites, most growers having run to yellow in their midseason varieties. White should not be overlooked. It is in as much demand at midseason as other colors.

E. E. Pieser, of Kennicott Bros. Co., says that too many sorts of old shades and doubtful substance are still grown and suggests the following as being the most salable and most satisfactory to handle: Ivory, Pink Ivory, Robinson, Bonnafon, White Bonnafon, Eaton and Chadwick. He hears of several growers that will discard Appleton on account of its weak neck.

Referring to our remarks on the lower prices mums are bringing in this market this year, Geo. Stollery says prices will average fully 25 per cent lower than in previous years, if not more. Blooms that they formerly received \$4 a dozen for brought only \$2.25 this year.

Valley is going well at \$5 for the best and the demand is steadier than in previous years.

The outlook for supply for Thanksgiving is that there will probably be enough Beauties but a shortage of other roses, and probably nearly enough carnations. At date weather conditions are favorable for the season. A number of Thanksgiving price lists will be found in the advs. in this issue.

Dorothy carnation is taking very well in this market, the best blooms now bringing \$3 readily.

Club Meeting.

At the last meeting of the Florists' Club seven new members were elected, as follows: Geo. Stollery, Fred Stollery, John Sinner, Chas. M. Miller, E. Enders, E. A. Asmus and M. Luetsch. A larger meeting hall has been secured in the same building and the meetings will hereafter be held on the second and fourth Wednesdays of the month instead of the first and third Fridays.

The next meeting will be held Wednesday, Dec. 11, and at this meeting a first premium of \$4 and a second premium of \$2 will be awarded for best exhibit of flowering or decorative plant suitable for holiday trade. A committee consisting of Messrs. A. McAdams, John Reardon and George Weinhoeber was appointed to arrange a schedule for awards for exhibits at future meetings. The intention is to have discussions upon the plants exhibited at the meetings. There was also talk of arranging for various entertainments during the winter season, and John Degnan, P. J. Hauswirth and E. Enders were appointed as an entertainment committee.

Various Items.

John Niederkorn, the north side florist, died Nov. 13 of pneumonia, aged 43 years.

J. A. Peterson, of Cincinnati, is in the city and is displaying some splendid samples of Begonia Gloire de Lorraine, Pandanus Veitchii and cyclamen at his room in the Palmer house.

Herbert Heller, of the South Park Floral Company, telegraphed E. C. Ambling to suitably celebrate the winning of first prize on 100 Beauties at Kansas City, and that the command was executed is testified by two empty champagne bottles attached to the telegram and displayed on the wall of Mr. Ambling's establishment. A. C. Kohlbrand admits that he had a share.

Quite a number of those in the trade went from here to the big show in Kansas City.

"Cash" Bridgeford has gone to Los Angeles, Cal., and will probably remain there all winter.

Recent visitors: Martin Renkaf, representing H. Bayersdorfer & Co., Philadelphia; M. F. Kyle, Kalamazoo, Mich.

John Refakes has offered the city \$9,120 a year for ten years for the exclusive privilege of maintaining fruit and flower stands under the elevated loop stations, and John G. Lambros will offer \$12,000 a year.

Bowling.

In the league games last Tuesday night the Growers won three games from the Miscellaneous and the Wholesalers two from the Retailers. Following are the scores:

GROWERS.

F. Stollery.....	158	133	201
L. Schafer.....	118	139	151
E. Enders.....	146	142	131
P. M. Miller.....	145	149	149
G. Stollery.....	117	169	137
	754	789	720

MISCELLANEOUS.

C. Balluff.....	145	155	124
C. Pruner.....	137	147	121
G. L. Grant.....	110	156	121
P. M. Miller.....	135	139	141
W. Krelling.....	91	111	104
	633	749	601

WHOLESALEERS.

Joe. Foerster.....	192	162	159
W. S. Hedron.....	139	149	136
C. Hughes.....	139	122	133
Jno. Sterrett.....	138	158	164
E. Winterston.....	129	134	137
	759	775	719

RETAILERS.

P. J. Hauswirth.....	176	157	175
J. Heuber.....	152	161	179
J. Lambros.....	128	162	144
E. Hauswirth.....	141	132	176
E. Asmus.....	153	142	134
	726	756	848

AMERICAN BEAUTIES.

The prize-winning vase of American Beauties of which an engraving appeared on the title page of last week's issue was filled with blooms grown by Peter Reinberg, Chicago.

Mr. Reinberg's Beauties have been much in evidence among the prize-winners at the exhibitions this month. In addition to winning first and second prizes in the leading Beauty competition at Chicago, his Beauties won three prizes at St. Louis, including the best prize offered there for Beauties (the blooms being exhibited for him by a St. Louis florist), and this week he won third prize in the hotly contested competition for the big premiums for 100 Beauties at Kansas City.

SPIREA ANTHONY WATERER.

T. A. I. asks the best way to handle the above to have it in bloom for Easter. I have never forced this spirea, but its treatment cannot differ much from that of other kindred hardy shrubs.

Whether you have imported them or lifted them, they should be heeled in either in a root-house or cold-frame, and can be potted at the time you begin to force. Fifty degrees at night will do very well for the first few weeks, and more heat can be given, if necessary. Plenty of syringing till the flowers are open.

The time it will take to bring them in

SAMUEL S. PENNOCK, WHOLESALE FLORIST

OFFERS:

The Finest Valley, Grand 'Mums, Fall Novelties in Ribbons.

Long Distance Telephone.
Store open from 7:30 a. m. to 9:00 p. m.

1612-14-16-18 Ludlow St., PHILADELPHIA, PA.

Mention The Review when you write.

LEO NESSEN AMERICAN BEAUTIES--Choice Blooms

LONG DISTANCE TELEPHONE.

Wholesale Florist,
N. W. Cor. 13th and Filbert Sts.

Valley, The best in the market.

Smilax, Fine Strings in quantity.

PHILADELPHIA Chrysanthemums, Choice blooms in best colors.

Mention The Review when you write

New Crop Salvia Splendens, CLARA BEDMAN or BONFIRE and SILVER SPOT.

For several years we have exercised great care in the growing of

Salvia at our Floracraft trial grounds, and the seed offered has been well matured, is strictly true to name and of high germinating power. Order at once if you would avail yourself of this valuable strain. Prices of Grace Stems, Fern Balls and Parasols will be quoted on application.

	Trade pkt., 1/4 oz.	Per oz.	Per 1 1/2 lb.	Per lb.
Salvia Splendens.....	20c	\$1.25	\$3.60	\$12.00
Salvia Splendens Bonfire.....	20c	3.00	7.00	25.00
Salvia Splendens Silver Spot.....	50c			

JOHNSON & STOKES, MARKET STREET, Philadelphia, Pa.

Mention The Review when you write.

will depend some on the weather and the time of year, but you would be perfectly safe in allowing seven weeks. If there is any time to spare you can easily retard them.

WILLIAM SCOTT.

OWATONA, MINN.—The firm of Lord & Johnson was dissolved some time ago, and the business is now carried on by L. P. Lord. The new management is practically the same as the old, L. P. Lord taking the business and J. L. Johnson remaining as foreman of the greenhouses.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head. Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Two experienced greenhouse firemen, salary \$40.00 to \$45.00 per month. Two boys for greenhouse work, to learn trade. Apply at once. Pochmann Bros. Co., Morton Grove, Cook Co., Ill.

FOR SALE—Bargain. Sterling Chainless Bicycle in good order; only run about 600 miles; coaster brake, etc. \$30.00 cash takes it. Address M. R. T. Lock Box 71, Chatham, N. Y.

FOR SALE—Seven greenhouses, 600 feet of glass, in first class condition; hot water heating; 9-room dwelling; lot 100x131 feet; all improvements in. L. Cottle, 722 N. 64th Avenue, Oak Park, Ill.

WANTED—A young man for general greenhouse work; single; must be sober and reliable; room and board on place; state wages wanted; five references. F. J. King, 120 Madison Street, Ottawa, Ill.

WANTED—Some second hand glass. Any size, 10 inches and up. Write at once. Michigan Seed Co., South Haven, Mich.

WANTED—First-class gardener, for carnations; to take charge; near Chicago; references. Address A. J. care Florists' Review.

WANTED—Good assistant for store in far western city; must be competent and well recommended. Address with references, and stating salary required, Montana, care Florists' Review.

WANTED—Man for general greenhouse work; steady employment to right man; state wages expected with and without board; must be sober and agreeable. Address Box 353, Warsaw, N. Y.

SITUATION WANTED—To take charge of a commercial place, wholesale or retail; fourteen years' experience; good grower of roses, carnations, etc.; strictly sober; age 33; single; Southern Indiana, Kentucky or Illinois preferred. Address Reliable, care Florists' Review.

FOR SALE—Two hot-water heaters. M. & S. L. Dinsinger, Albion, Mich.

FOR SALE—Well stocked greenhouse, containing 400 feet of glass, and new dwelling with six rooms and summer kitchen, for only \$2,000; in Indiana. Address W. G. H., care Florists' Review.

FOR SALE—Hot-water heater; will heat 3000 square ft. of glass, in first-class condition; price \$20.00 complete, on cars here. Address Geo. Staibinger, Springville, N. Y.

SITUATION WANTED—By young man, as assistant in rose or carnation house; some experience, plenty of energy; in Pennsylvania preferred. Address S. W., care Florists' Review.

SITUATION WANTED—By a first-class all around man to take charge of a commercial place where good stuff is wanted; four years in one place. Address O. T., care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 66¢ per foot; also some 4-in.; guaranteed sound. W. H. Salter, Rochester, N. Y.

FOR SALE—Greenhouses, 12 miles south of Chicago Court House, containing about 10,000 feet of glass, filled with carnations, roses, etc.; good retail and wholesale trade; price \$6,000. Use of 3 or 4 acres adjoining; houses free of charge. Address 25, care Florists' Review.

FOR SALE—At a great bargain. Fine greenhouse plant with an established business. Wholesale and retail, 12 houses. Good stock on hand. Near Chicago. For particulars address Illinois, care of Florists' Review.

FOR SALE—An old established florist business, centrally located in a thriving Western New York city of 12,000 inhabitants; the only florist in the city; 5,000 square feet of glass and store all in perfect condition; natural gas fuel with moderate rates; or will take partner with some experience; \$2,500 or more required; best of reasons given; for full particulars, address G. H., care of Florists' Review.

WANTED!

Experienced traveling salesman for well-known florists' supply house. One with knowledge of the business and with trade only need apply. State full particulars. Address O., care Florists' Review.

Traveler Wanted!

A first-class man to succeed Walter Mott. Give full particulars to

HENRY A. DREER, Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

GEORGE M. MOSS,

Wholesale Florist,
32 So. 17th St., PHILADELPHIA.

Chrysanthemums, Beauties, Brides, Mums and Valley. Shipping Orders Promptly Executed. Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST.

CHOICE CHRYSANTHEMUMS. EVERYTHING IN CUT FLOWERS. 1526 Kanawha Street, PHILADELPHIA. Bell and Keystone Telephones. Mention The Review when you write.

FRED. EHRET,

WHOLESALE FLORIST,

Specialties: Bridesmaids, Brides and Beauties. 1403-05 Fairmount Ave., Philadelphia. Long Distance Telephone. Mention The Review when you write.

PITTSBURG CUT

FLOWER CO. Ltd.

WHOLESALE FLORISTS, Pittsburg, Pa. Mention The Review when you write.

FOR SALE!

A beautiful home of 20 acres, consisting of 10 acres of peaches, oranges and olives, and 10 acres of grain.

Fine house, barn, tank and windmill. A fine drive lined with palms 20 feet high, also beds of 25 varieties of cacti. Fancy shrubs and shade trees. One of the finest places in California. Cost the owner \$14,000. It has been kept up by a hired gardener. Is situated 1 1/2 miles from two cities, and a neighbor will pay \$500 a year rent for same if buyer does not care to live on same. Price, \$6,000 spot cash. Title clear. Address

CALIFORNIA, care Florists' Review.

Mention The Review when you write.

ST. LOUIS.

The Market.

During the past week the rose flower trade was somewhat better, especially with the West End florists, who were quite busy with receptions and weddings. Quite a bit of funeral work was also reported.

We have had a change in the weather the past week, the glass going down below freezing point at night. This, no doubt, will have a shortening effect upon stock for Thanksgiving and is also the cause of the slight improvement in business.

The only flower that was overplentiful last week was the "mum" and a great many of them went to waste, especially the poor ones.

Roses were not as plentiful as they have been yet they sold very cheap. Some very fine stock of Maids and Brides is coming in which sells at from \$1 to \$5 per 100, according to the blooms and stems. Meteors, Gates, Perles and Woottons run about the same.

Carnations are in good demand and very few are left unsold. The quality is good and they bring from \$1 to \$2.50 per 100. Violets are selling well and good Californias are going at 50 cents per 100, with southern at 25 cents. Romans, paper whites and valley are now having a steady call at 3 and 4 cents. We are having some very fine snailx in this market now; very long strings which sell at 123 cents per string. All other greens are selling well.

Notes.

Our chrysanthemum show was a success from both an exhibition and financial standpoint, and there will be no need to call on the guarantee fund. We had a fine exhibition of cut blooms, in fact better than in former years when we had larger shows.

Chairman Meinhardt reports that everything was staged on time and that all the judges did their parts well, and he wishes to thank the gentlemen for rendering him such valuable assistance during the show.

Meyer Heller and Elmer Smith had a great time and left for Kansas City on Friday night; Mr. and Mrs. Fred Lemon and Mrs. Vesey also departed for Kansas City on Saturday. Swan Peterson, who can tell pleasant recollections of his visit, went home Friday night. James Wilson, who spent a few days with his many friends, left for home Friday night. Jim will be in Kansas City this week. James Hartshorne left for home early but had a good time while he was here. Mr. Foreman of Louisiana, Mo., was the last to leave us and before going put in his application for membership to our club.

Mrs. Ellison, of Ellison & Tesson, will soon open a new store at Grand avenue and Morgan street.

All the West End florists were busy Saturday and Sunday, working half the night Saturday, preparing decorations for the funeral of Mr. McMillen, a wealthy St. Louisian.

Bowling.

The bowling club rolled three games with the Diels on Thursday under protest. They rolled a ringer from Chicago named Boyles (do you know him, Ed.?).

(Continued on page 808)

100,000 Chrysanthemums

Must be sold during "mum" time.
Enquire on large lots.

Thanksgiving Cut Flower Price List.

Prices subject to change without notice.

BEAUTIES,

24-inch and over will be charged accordingly.

	Per dozen.
20-inch stems, . . .	\$2.50 to \$3.00
15-inch stems, . . .	1.50 to 2.00
12-inch stems, . . .	1.20 to 1.50

Per 100.

Short,	\$8.00
Bridesmaids, . . .	\$4.00 to 7.00
Brides,	4.00 to 7.00
Meteors,	4.00 to 8.00
Perles,	3.00 to 5.00
Roses, our selection, \$3 per 100	
Carnations, . . .	1.50 to 2.00
Carnations, Fancy, . . .	3.00 to 4.00
Chrysanthemums, . . .	10.00 to 20.00
Violets,	1.50 to 1.75
Valley,	4.00 to 5.00
Asparagus, per string, . . .	.60 to .75
Adiantum,	1.00 to 1.50
Smilax, per dozen, . . .	1.25 to 1.75
Galax, green, per 1000, . . .	1.00
Galax, green, . . . . .	.20
Galax, bronze, per 1000, . . .	1.50
Galax, bronze, . . . . .	.20
Ferns, per 1000,	1.50
Ferns, . . . . .	.20
Asparagus Sprengeri and Asparagus Plumosus Sprays, 2.00 to 3.00	

KENNICOTT BROS. CO.,

42 and 44 East Randolph Street,

CHICAGO.

Wholesale Commission Florists
and dealers in all kinds of
Florists' Supplies.

FERNS and Decorative Plants

JOHN H. LEY,

Goodhope, Washington, D. C.

Can supply good, well-grown
plants, as below:

Ferns, from flats, 10 good sorts, strong, 100 mailed,
\$1.25, 1000 by express, \$10.00.
Boston Fern, 8-in. pans, 3 feet, \$9.00 per doz.
Boston Fern, strong runners, 3 to 4 leaves each,
\$20.00 per 1000.
Neph. D. Eurcans, 8-in. pans, fine plants . . . \$9.00
Phillipense, 6 very large . . . 5.00
Sclerophylla Martensii, 6-in. pans. 2.00
Lomaria Gobsa, 5-in. pans 2.00
Climbing Fern, 6-in. pots, 6 ft. long 3.00
Draena Lindlei, 4-in. pots 3.00
Clematis Paniculata, strong seedlings, \$5 per 1000

Well packed for Cash with order. F. O. B. Washington, D. C.

DAGGER FERNS 75c or FANCY FERNS 100.00

Green or Bronze Galax, 5c per 1000. In 5000 lots.
Laurel Festooning, 45c and 5c per yard.

All goods picked and shipped fresh every
day, so you are sure to have fresh stock and
the best to be had.



Special attention given to
Laurel orders for decorating.

Try us and we
will please you.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

Rooted Cuttings

Ready when you read this
OF LIBERTY, HAINSPRING, LA FRANCE,
WOOTTONS, PERLES, AMERICAN BEATIES
WHITE

GEO. A. KUHLE, Pekin, Ill.

Get your order in for Roses and Carnations
for Thanksgiving early.
Mention The Review when you write.

...SMILAX...

Seedlings, fine little plants, 30c per 100; \$2.50
per 1000; \$10.00 per 5000.
2-inch, strong plants, \$1.00 per 100.
2½-inch, 1.50 "

GERMAN IVY, \$1.00 per 100.

LETTECE, Grand Rapids and Boston Market,
\$1.00 per 1000; \$1.00 per 5000. Cash please.

MRS. GRISWOLD, WORTHINGTON, Ohio.
Mention The Review when you write.

Asparagus Plumosus

Nanus, 4-inch,
\$5.00 per 100.

CINERARIAS, extra fine stocky plants,
prize strain, 2-inch, \$2.00 per
100; 300 for \$5.00. 2½-in., \$3.00 per 100; 400 for \$10.00
Cash with order.

SAMUEL WHITTON, 16-17 Gray Ave. UTICA, N. Y.
Mention The Review when you write.

QUALITY TELLS--PRICE SELLS.

Asparagus Spre, 2-inch \$1.25 per 100
Daisies White Marg., 2-inch 2.00 "
Alternanthera, red rooted 40 "
If you want Geraniums write us.

E. I. RAWLINGS, QUAKERTOWN, PA.
Mention The Review when you write.

BETTER RESULTS.

I shall continue to patronize your col-
umns by giving you a greater proportion
of my advertising, as the REVIEW gives me
better results.—JOSEPH HEACOCK,
Wyncote, Pa.

and of course we lost them, but they were afterwards awarded to our team. This still leaves us in second place in the league race, with 15 won and 6 lost. The scores were as follows:

	B	E	1	2	3	Tot.	Av.
J. J. Beneke.....	4	9	167	147	129	443	147 2-3
C. A. Kuehn.....	3	7	151	154	151	456	152
R. F. Tesson.....	1	9	161	164	129	454	154 2-3
J. Sturtz.....	4	6	133	180	181	494	164 2-3
A. Y. Ellison.....	0	4	232	163	208	603	201
	12	34	844	808	808	2460	162
	B	E	1	2	3	Tot.	Av.
Diels.....	13	29	873	826	831	2530	170 10-15

J. J. B.

PITTSBURG.

Club Meeting.

The Pittsburg and Allegheny Florists' and Gardeners' Club held its regular monthly meeting on Thursday evening, the 14th inst., at the rooms of the Cut Flower Co., 504 Liberty street. It was a bright and interesting meeting, and Mr. Reineman entertained us with a talk on his recent European trip. Three new members were elected and five new names proposed for membership.

In fact, so prosperous and fast-growing is the club that Fred Burki thought it was about time we were like the Boston or Philadelphia folks and have a horticultural hall of our own right here in Pittsburg, and after considerable discussion the president appointed Fred Burki, Gus Ludwig and Mr. Reineman a committee to examine into the matter and report at our next meeting. It is a good thing for us to have these progressive ideas in our heads, even if they may be a little premature. Just now available sites are almost impossibly expensive in Pittsburg, building materials are about unobtainable, and the labor market was never so uncertain as it is today. This is largely caused by the great number of massive buildings now being erected in Pittsburg.

Various Notes.

Mr. A. R. Peacock, a member of the Carnegie firm, is building a palace dwelling on N. Highland avenue and has contracted with Lord & Burnham Co. for the creation of an extensive system of conservatories and a mushroom cave. W. B. Ague, one of the gardeners at Highland Park, has been employed as his gardener.

Mr. James, lately gardener to Mrs. Carr, at Point Breeze, has resigned and gone into partnership with his brother in the florist business at Wilkinsburg.

Eddie Howells, of Schenley Park, was offered the situation, but on advice of Supt. Falconer he concluded to remain in the Phipps Conservatories, where something better may soon be in store for him. He has been asked to name the incoming gardener, however.

P. A.

JAMESTOWN, N. Y.—Walter Mott, who has for many years been traveling salesman for the firm of H. A. Dreer, Philadelphia, will start in business here January 1 next, handling a general line of plants, bulbs, seeds and florists' supplies. The business will be carried on under the title Walter Mott Co., incorporated. John A. Smith, who has also been connected with H. A. Dreer, in the plant and seed departments, has been engaged as Mr. Mott's assistant. Mr. Mott's address will continue to be Riverton, N. J., until Dec. 25.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale
Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Mention The Review when you write.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF
AND DEALERS IN CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

A. L. RANDALL,
Wholesale FloristDon't forget we are at 4 WASHINGTON
STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and
Carnations
A Specialty....WHOLESALE
GROWER OF

CUT FLOWERS

PETER REINBERG,

Grower and Wholesaler of Cut Flowers

600,000 FEET OF GLASS.

Headquarters for American Beauty.

51 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

C. A. KUEHN WHOLESALE
FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral
Designs. A full line of supplies always on
hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

The Cincinnati
Cut Flower Co.,
Wholesale Florists.416 Walnut St.,
CINCINNATI, O.

Consignments Solicited.

Special Attention given to Shipping Orders.

Mention The Review when you write.

E. C. AMLING

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT-FLOWER HOUSE
IN CHICAGO.32, 34, 36 Randolph St.
CHICAGO, ILL.

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BENTHEY & CO.

F. F. BENTHEY, Manager.

WHOLESALE AND Florists, Consignments
COMMISSION Solicited.

35 Randolph St. CHICAGO.

Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale
Growers of
and Dealers in
Cut Flowers.All telegraph and telephone orders given prompt
attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

Mention The Review when you write.

WEILAND - AND - RISCH

CHICAGO'S RELIABLE WHOLESALE
GROWERS AND SHIPPERS OF...
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.

WHOLESALE FLORISTS



H.G. Berning
WHOLESALE
FLORIST,
1322 PINE STREET,
ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,1316 Pine Street, - ST. LOUIS, MO.
Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

Give Us Your Order for..... THANKSGIVING

We shall have fairly large supplies of CHOICE STOCK in all lines. However we advise early ordering. All orders will receive prompt and careful attention. We can fill them if anybody can, for our facilities are not excelled in this or any other market.

ORCHIDS Cattleyas, \$7.50 per dozen.

AMERICAN BEAUTY

On this we lead the market. 36-in. stems, \$5.00 per doz.; 30-in., \$4.00 per doz.; 24-in., \$3.00 per doz.; 20-in., \$2.00 per doz.; 15-in., \$1.50 per doz.; 12-in., \$1.25 per doz.; 6 to 8 inches, \$6.00 to \$8.00 per 100.

CHRYSANTHEMUMS

Extra fancy, \$3.00 to \$4.00 per doz.; large, \$2.00 to \$2.50; medium, \$1.25 to \$1.50.

TEA ROSES Very fine stock. Brides, Maids, Meteors, Golden Gates, \$4.00 to \$8.00; Perles, \$4.00 to \$6.00 per 100.

VIOLETS Double, \$1.25 to \$1.50 per 100.

Get your name on our mailing list for Weekly Price List. Don't forget we are open to 10 p. m. daily, except Sunday.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Cut Flower House in Chicago.

32-34-36 Randolph St. L. D. PHONES Central 1982 or 1977. CHICAGO, ILL.

CARNATIONS First-class, selected stock in all the standard varieties, \$2.00 to \$2.50 per 100. Large Fancies, \$3.00 to \$4.00 per 100.

VALLEY Fine select stock always on hand. \$5.00 per 100.

GREEN GOODS Asparagus Plumosus, 60c to 75c per string. Sprenger, \$3.00 per 100. Smilax, \$1.25 to \$1.50 per doz. Adiantum, \$1.00 to \$1.25 per 100. Leucothoe sprays, 75c per 100. Galax, Green or Bronze, 15c per 100, \$1.00 per 1000.

WILD SMILAX Reasonable quantities in stock at all times. Small case (25 lbs.), \$3.00; medium case (35 lbs.), \$4.00; large case (50 lbs.), \$5.00.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

Mention The Review when you write.

GEORGE REINBERG,

51 Wabash Ave., Chicago, Wholesale Dealer in and Grower of CUT FLOWERS

Two Daily Shipments from my greenhouses. Fresh Stock always ready for orders. Write, Wire or Phone. Quick Service Given. Mention The Review when you write.

FRANK GARLAND,

Wholesale Grower of Cut Flowers, FERNS.

Special attention given to Hardy Cut 55-57 Wabash Avenue, CHICAGO, ILL. Telephone Central 8284.

Mention The Review when you write.

Holton & Hunkel Co.,

Wholesale Cut Flowers and Supplies Milwaukee, Wis.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres. Growers of CUT FLOWERS at Wholesale. Regular shipping orders given special attention. We have the largest plant west of Chicago. Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

MICHIGAN CUT FLOWER EXCHANGE.

W.M. DILGER, Manager. Wholesale Florist Commission. Full line of Florists' Supplies and Decorations. Special attention to shipping orders. 26 Miami Avenue, DETROIT, MICH.

JOHN MUNO,

Wholesale Grower of Cut Flowers, 51 Wabash Avenue, - - CHICAGO.

GREENHOUSES, ROGERS PARK, ILL. Telephone Central 5368.

Mention The Review when you write.

...FINE...

LILY OF THE VALLEY

Now Ready. \$4.00 and \$5.00 per 100 JOHN WOLF, - - SAVANNAH, GA. Long Distance Phone 63. Mention The Review when you write.

Southern Wild Smilax...

NEW CROP NOW READY. CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.

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4-inch pots, 10 fronds, 75c per doz.; \$6.00 per 100. 2½-inch pots, strong, well established, \$5.00 per 100; \$25.00 per 1000.

ASPARAGUS PLUMOSUS. 4-inch pots, nice shapely plants, \$1.00 per doz.; \$8.00 per 100. 2½-inch pots, \$1.00 per 100; \$35.00 per 1000.

ASPARAGUS SPRENGERI. 2½-inch pots, \$2.50 per 100; \$20.00 per 1000.

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GERANIUMS. Best double varieties, 2½-inch pots, \$2.50 per 100; \$20.00 per 1000. CASH WITH ORDER PLEASE.

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JOHN WELSH YOUNG,

Wholesale Grower of PANDANUS Veitchii

The best variegated Decorative Plant on the market to-day. Upsal Station, Penns. R. R., Germantown, PHILADELPHIA, PA.

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The FINEST in large quantities always on hand. H. N. BRUNS,

409-1411 W. Madison St., CHICAGO, ILL. Mention The Review when you write.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon Saxifraga, rooted cuttings, \$2.00 per 100, 2 1/2 in., \$6.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum rooted cuttings, Stella Gurney and dwarf white, 60c per 100, 60c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum rooted cuttings, 5 named varieties, 60c per 100; \$5.00 per 1000, express paid. C. Humfeld, Clay Center, Kan.

Ageratum rooted cuttings, 5 varieties, 60c per 100, express paid. Cash. S. D. Brant, Clay Center, Kan.

ALTERNANTHERA.

Rooted cuttings of alternanthera, red and yellow, 60c per 100; \$5.00 per 1000, express paid. C. Humfeld, Clay Center, Kan.

Alternanthera rooted cuttings, in variety, 60c per 100, 60c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Alternanthera, red, rooted cuttings, 40c per 100. E. I. Rawlings, Quakertown, Pa.

ALYSIMUM.

Alysum, rooted cuttings, \$1.00 per 100, express paid. Cash. S. D. Brant, Clay Center, Kan.

The CHEAPEST way, the EASIEST way, and the BEST way to get rid of that surplus stock is to use the REVIEW'S classified advs.

ARAUCARIAS.

ARAUCARIA EXCELSA, raised in Belgium from top-cuttings only, no seedlings. Special low prices:

5 1/2-in. Tiera. High. Each. 3 to 4 10 to 12 in. 50c. 4 to 5 12 to 15 in. bushy, 60c. 5 to 6 15 to 18 in. 75c. Specimen plants, 6-in. pots, 2 to 2 1/2 high, 18 inches across, \$1.00. State whether to ship in pots or without. Cash with order, please.

GODFREY ASCHMANN, 1012 Ontario St., Station B, Philadelphia, Pa.

ASPARAGUS.

Asparagus Sprengeri, 2 1/2-in., \$2.50 per 100; \$20.00 per 1000. A. plumosus, 4-in., \$1.00 per doz.; \$8.00 per 100. 2 1/2-in., \$4.00 per 100; \$35.00 per 1000. Cash. Asparagus tenuissimus, 2 1/2-in., \$2.50 per 100; \$20.00 per 1000. Cash. John A. Doyle Co., Springfield, Ohio.

SPRENGERI, \$2.50 per 100; \$20.00 per 1000. PLUMOSUS, \$2.00 per 100; \$20.00 per 1000. Extra fine plants, ready to shift into 3 1/2-in. pots.

Jackson & Perkins Co., Newark, New York.

Asparagus SPRENGERI and PLUMOSUS, 2-in. pots, \$4.00 per 100; 3-in., \$6.00 per 100. WALTER RETZLER & Co., 2045-59 Clarendon Ave., Chicago.

Asparagus, per 100; Sprengeri, 3-in. pots, \$4.50; 4-in. pots, \$8.00; plumosus nanus, 3-in. pots, \$5.00. Dickerson & Belden, Box 275, Miami, Fla.

Asparagus Sprengeri, ready for 4-in. jars, \$1.00 per 100. From 4-in. \$5.00 per 100. Cash. M. & S. L. Dyingier, Albion, Mich.

Asparagus plumosus nanus, from flats, \$1.75 per 100, \$15.00 per 1000, express prepaid. Mitting Floral Co., Loomis, Cal.

Asparagus plumosus, 3-in., ready for 4-in., fine plants, \$8.00 per 100; 300 for \$28.00, C. H. Field, Clay Center, Kan.

150 Asparagus Plumosus Nanus, 3-inch, strong, \$6.00 per 100. Cash with order. W. Keir, Pikeville, Md.

ASPARAGUS PLUMOSUS NANUS. Cut strings, 50 cents each. W. H. ELLIOTT, BRIGHTON, MASS.

5,000 Asparagus plumosus nanus, strong 2 1/2-in., \$3.00 per 100. A. J. Baldwin, Newark, Ohio.

Asparagus plumosus, 4-in., \$8.00 per 100. Cash. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 2-in. pots, \$1.50 per 100. Cash. Jos. H. Cunningham, Newark, Ohio.

Asparagus Sprengeri, 3-in., \$4.50 per 100. Cash. Morris Floral Co., Morris, Ill.

Asparagus Sprengeri, 2-in., \$1.25 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

ASPIDISTRA.

Pot-grown plants of ASPIDISTRA. The green and variegated leaves. Have a large stock, in perfect condition, of both. Leaves measuring from 20 to 30 inches. Write for prices on above; also prices on bulbs, roots and plants.

W. O. SCHMITZ, Princeton, N. Y.

Aspidistra lurida, green-leaved, per leaf, 3 cents. Travel safely by freight. Cash. Eichling Seed & Nursery Co., New Orleans, La.

Aspidistra, variegated and green. Greene & Underhill, Watertown, N. Y.

AZALEAS.

Place your order now for early shipment by freight and save heavy express charges later. 10-12 in. crowns, \$4.50 per doz., \$35.00 per 100. 12-14 in. crowns, 6.00 per doz., 45.00 per 100. 14-16 in. crowns, 7.50 per doz., 65.00 per 100. 16-18 in. crowns, 12.00 per doz., 90.00 per 100. 18-20 in. crowns, 25.00 per doz., 200.00 per 100. 20-24 in. crowns, 36.00 per doz., 360.00 per 100. Mine Van der Cruyssen is scarce this season, but we are in position to still supply you 10 per cent of this variety in assorted lots. H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

AZALEAS, all sizes. Varieties: Vervaeckens, Simon Marlier and Van der Cruyssen, \$40, \$50, \$60, \$70, \$80, \$90 and \$100 per 100. Also, large plants to 4 each. Anton Schulze, P. O. Box 78, College Point, New York City. Ask for list at.

Azalea Amoena, one of the choicest hardy dwarf shrubs. Two-year-old field-grown plants, \$25.00 per 100. From thumb pots, \$5.00 per 100; \$50.00 per 1000. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica. Just arrived, leading sorts, \$30.00 per 100. Whitton & Sons, City and Green Sts., Utica, N. Y.

BEGONIAS.

Begonia Gloire de Lorraine, \$15.00 per 100; \$140.00 per 1,000. Cottage Gardens, Queens, N. Y.

Rooted cuttings of flowering begonias in variety. Fine. A. J. Baldwin Newark, Ohio.

Begonias, 10 varieties, 3-in., \$2.00 per 100. A. Brummer, Birmingham, Iowa.

Begonia Rex, \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

BERRIED PLANTS.

Dwarf Jerusalem Cherries, full of fruit, out of 5-in. pots, \$10.00 per 100. Field-grown Solanum, nice bushy plants, \$5 per 100. Paul Brummer, Columbia, S. C.

Jerusalem cherry, well established in 7 and 8-in. pots, extra strong and well fruited, \$3.00 per doz. Dana R. Herron, Olean, N. Y.

Jerusalem Cherry, \$10.00 to \$20.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Jerusalem cherry, well berried, 6-8 in. pots, \$10.00 per 100. A. Schmitt, Glenville, Ohio.

BULBS.

BULBS AND ROOTS.

- Spiraea Japonica, extra strong clumps, 12 100. Spiraea Compacta Mult., strong clumps, 60 3.50. Spiraea Astilbe, Floribunda (True), 75 4.00. Heart, 75 5.00. Spotted Calla, extra strong bulbs, 50 2.50. Lil. Arratum, 100 1.00. Lil. Rubrum, 800, 100, \$4.50; 900, 100. Lil. Rubrum, Monsters, 125 8.00. Lil. Album, 100, \$5.00; 900, 100. Lil. Album, Monsters, 125 8.00. BULB BARGAINS TO CLOSE OUT. Special Quick.

DUTCH HYACINTHS—1st size, 17 cm. and up, in the choicest named sorts, all fine NARCISSUS—our choice, per doz., 60c; 100, \$10.00.

Mixed Trumpets \$.75 4.00 Lil. Single Mixed \$.60 4.00 Double Mixed \$.80 4.00 Jonquil Regulosus, extra large 60 4.00

FOR ONE WEEK ONLY Lil. Longiflorum, equal proportions, 5x7, 6x8, 7x9, at 42.50 a 100; 500.00 a 1000.

Send for our new list of Begonias, Cannas, Gloxinias Gladol.

H. H. BERGER & Co., 47 Barclay St., N. Y.

NARCISSUS, very fine. Trumpet Major, 90c per 100; \$8.00 per 1000. Mixed, single and double, 75c per 100; \$6.00 per 1000. Mixed Trumpets, fine, 90c per 100; \$8.50 per 1000. F. Selman, Terrace Gardens, Boonville, Miss.

Calla bulbs, sound, full size, per 100 prepaid; 3 to 4-in. circ., \$3.00; 2 1/2 to 3-in. in circ., \$2.00; 2 to 2 1/2-in. in circ., \$1.00. Cash with order. Satisfaction guaranteed. Fred Rattey, Hermosa Gardens, Santa Ana, Cal.

CALADIUMS, 40 best named sorts. Dry bulbs, 1 1/2 to 2 1/2 in. diam., \$10.00 per 100, \$90.00 per 1000; 1 to 1 1/2 in. diam., \$5.00 per 100, \$70.00 per 1000. Not less than 50 at a time.

P. J. BERCKMANS Co., Augusta, Ga.

Our wholesale price list of high class bulbs for florists has been mailed to the trade. If you have not received a copy send for one now. J. M. Thorburn & Co., 36 Cortlandt St., New York.

NARCISSUS and DAFFODILS. Special grades for gardens and field culture at very low prices. Send 5c for price list.

AMERICAN BULB Co., Petersburg, Va.

Japan-grown LILIUUM LONGIFLORUM for Easter, 3 to 3 1/2 in., \$2.00 per 100; choice selected, \$2.50 per 100. W. E. King, East Santa Cruz, Cal.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Price Catalogue, N. J.

HYACINTHS, TULIPS, 1st size, forcing. Low price to close out. C. H. Joosten, 85 DeW St., New York City.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsbosch Bros., Englewood, N. J.

TUBEROSE and CALADIUM etc. bulbs ready Dec. 15, 1901. For prices write to Jno. F. Croom & Bro., Magnolia, N. C.

CACTI.

Crab cacti. Blooming plants from 2 1/2-in. pots 60c per doz., postpaid. Cash. Theo. Fuhr, Belet, Ohio.

CALLAS.

CALLA LILIES, Elliott's "Little Gem," fine for florists' use, 20c each.

Mrs. L. P. Seaton, Richfield Springs, N. Y.

Callas. Fragrance, Godfrey, Lemon Giant, Yellow and Spotted, Crinums and Chlidanthus. C. Betscher, Canal Dover, Ohio.

CANNAS.

Canna Allemanna, Black Prince, Egandale, Flo. Vaughn, Ingelwood, S. D. A. Crozy and 20 others. Write for prices. C. Betscher, Canal Dover, Ohio.

Canna Austria, field clumps, per 100, \$3.00. Travel safely by freight. Cash. Eichling Seed & Nursery Co., New Orleans, La.

25,000 cannas, best varieties, \$12.00 per 1,000. Immediate delivery. C. G. Nanz, Owensboro, Ky.

50,000 cannas at a very low price to reduce stock. Write Benj. Connell, West Grove, Pa.

CARNATIONS.

Rooted carnation cuttings in 17 varieties, from strong, healthy plants.

Pink—Dorothy, Louis, Marquis E. Crocker, G. Lord and Morning Glory, White—Norway, Lorna, Hoosier Maid, White Cloud and Mary Wood, Red—Crane, Estelle. Variegated—Geo. V. Brant.

We have 50,000 carnation plants and 25,000 vials of our new and improved canny BLOOMS and CUTTINGS in quantities. 1000.

SWAN PETERSON FLORAL CO., Gibson City, Pa.

GLASSBROOK, the PINK carnation for everybody, has never shown disease of any kind and is an extra free bloomer, size of flowers, ordinary culture, 3 to 3 1/2 inches. Orders desired in relation on an order after Jan. 1, 1902, at the following prices:

12 plants \$1.50 100 plants \$10.00 25 plants \$2.00 250 plants \$25.00 50 plants \$3.00 500 plants \$37.50

1000 plants, \$75.00.

C. WARBURTON, Fall River, Mass.

The MRS. E. A. NELSON bids fair to become the commercial standard pink carnation. It is a healthy grower and a free and continuous bloomer. For prices, send \$2.50, \$5.00, \$10.00, \$20.00, \$50.00, \$100.00, \$250.00 or \$1000.00. Send for descriptive circular. S. S. SHIELDS, N. Y. City, 10th St. Philadelphia, Pa. or E. W. NELSON, 3503 No. Senate Ave., Indianapolis, Ind.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CARNATIONS. Rooted cuttings of the following sorts in season. High grade stock at ruling market prices. Write for them.
 White—Queen Louise and Lorna.
 Scarlet—G. H. Crane.
 Crimson—Rose King.

Pink—Crocker, Lord and Dorothy.
Light Pink—Morning Glory.
Fans—Fraser.

ALBERT M. HERR, Lancaster, Pa.
 Pips, or unrooted carnation cuttings. For varieties and prices see display adv. in this issue. We prepay all charges and guarantee safe arrival of all plants. Mitting Floral Co., Loomis, Cal.

Field-grown carnation plants. A No. 1 Ethel Crocker and Genevieve Lord, 1st size, \$2.00 per 100; second size \$1.00 per 100. They are extra fine.
DANA R. HERRON, Olean, N. Y.

Field-grown plants of Marquita, E. Crocker, Alma and Genevieve Lord at \$6.00 per 100. Armasindy, \$5.00 per 100. C. Merkel & Son, Mentor, Ohio.

Unrooted cuttings of IRINE, \$3.00 per 100; Morn'g Glory, \$2.00 per 100; \$15.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Carnations Crocker, Scott, Dana, Dean, Freely and Fisher—(In the rose line).—Genevieve R. P. Tesson, West Forest Park, St. Louis, Mo.

Strong, healthy plants of Joost and Crane, \$3.50 per 100. Crocker, Lord and Dorothy, \$2.00 per 100. Carl Rauh, Springfield, Ill.

NORWAY. Orders booked now for January and later delivery. \$6.00 per 100; \$50.00 per 1000. H. Weber & Sons, Oakland, Md.

Get our prices on rooted carnation cuttings before buying. Geo. Hancock & Son, Grand Haven, Mich.

McGowan carnation, nice plants, \$3.00 per 100. Cash. M. & S. L. Dysinger, Albion, Mich.

For carnations write F. Dornier & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS.
 Timothy Eaton, 25c each; two best early and mid-season Yellow Monrovia, Col. Appleton, 25c each, \$2.00 per doz.; Elmer D. Smith, White Bonafant, Gold Mine, Lavender Queen, Golden Wedding, J. K. Shaw, 1c each, \$1.50 per doz.; Evangeline, Bonafant, Vivian-Morel, Black Hawk, Fitzwygram, Murdock, Arab, Sunderbush, Adula, Pe de Chamblee, Helen Bloodgood, Mayflower, Mille Lucie Faure, Mrs. Weeks, H. W. Riemann, Philadelphia, Pennsylvania Fern, etc., 10c each; \$1.00 per doz. Cash with order.
GUNNAR TEILMANN, Marion, Ind.

Chrysanthemum stock plants, strong and healthy. Early—Reddy Rose, Pacific, Robinson, Midseason—White and pink Ivory, Evangeline, Pitcher, Golden Wedding, Shrimp-ton, Mammoth and Chamblee, late—Bonafant, Jerome Jones, Perrin and Maud Dean at \$1.25 per doz., \$8.00 per 100.

Florence Hayes, France Parks, H. J. Jones, Nemesia, Bonita, Merza, Helen Bloodgood, R. H. Pearson, C. H. Payne, Beau Ideal, Mrs. Popham, white Bonafant and the earliest yellow, Hobson, at 50c per plant. Cash with order.
H. C. STEINHOFF, 618 Hudson Boul, West Hoboken, N. J.

Chrysanthemum stock plants, true to name, of the following varieties:
 Ivory Golden Wedding.
 Perrin Australian Gold.
 Watering Lady.
 Bonafant.
 Willow Brook.
 Bassett.
 Laura Chushman.

Fine large stock plants, 75c to \$1.00 per doz. F. Selman, Terrace Gardens, Bonneville, Miss.

Chrysanthemum stock plants. Col. Appleton and Pennsylvania, \$5.00 per 100; Perrin, Morel, Murdock, Autumn Glory, Pink Ivory, Wm. Jones, White Ivory, C. Burnett, Nancy, Mayflower, Woodford, Golden Trophy, Willidin, Bonafant, Hurrell, Riemann, Yellow Mayflower and Yellow Queen, \$8.00 per doz. Good for 20 weeks only. C. O. D.

POEHLMANN BROS. CO., Morton Grove, Ill.
Chrysanthemum stock plants, strong, clean stock. Col. D. Appleton, at 50c each; Major Bonafant, Mrs. Perrin, Pink Ivory, Vivian-Morel and W. H. Chadwick, 15c each, \$1.00 per doz. Glory of Pacific, Ivory, Mrs. J. Jones and Merry Xmas, 10c each, 75c per doz. No order fills for less than \$1.00. Orders by postpaid or express money order.
JOHN CURWEN, Jr., Glen Head, N. Y.

TIMOTHY EATON stock plants at \$10.00 per 100, \$1.50 per doz. Also at same price stock plants of:
 Vivian-Morel. Evangeline.
 Mrs. Perrin. Philadelphia.
 Xmas. Pennsylvania.
 Mrs. J. J. Glessner. M. Henderson.
 Mrs. W. H. Egan.
BASSETT & ASHBURN, Hinsdale, Ill.

Chrysanthemum stock plants. EXPRESS PAID. Timothy Eaton and Goldmine, 40c each; Col. D. Appleton, T. Park, October Sunshine and Monrovia (largest early yellow), 25c each; Yellow Fitzwygram, Chadwick, Robinson and others, 10c each. Cash. Order now.
COTTAGE GREENHOUSES, Litchfield, Ill.

Chrysanthemums. STOCK PLANTS, very strong, from open ground, principally H. Robinson, Mrs. Henderson, Salsie Brown, some O. P. Bassett, \$8.00 per 100. EXPRESS PREPAID. Cash with order.
EDWARD SEED AND NURSERY CO., New Orleans, La.

COL. D. APPLETON chrysanthemum, strong stock plants, 6c for \$1.00; \$1.50 per doz.; 25 or more, 10c each. No order fills for less than \$1.00. Cash with order.
 Rooted cuttings of Eaton, Nellie Pocket and Mrs. E. D. Smith in due season per doz. W. A. CHALFANT, Springfield, Mo.

Field-grown mums and from bench. Col. H. Chadwick, 15c each, \$1.50 per doz.; W. H. Hadwick, Golden Wedding, October Sunshine, Yellow Queen and Yellow and White Fitzwygram, 10c each, \$1.00 per doz.
E. J. HIGDON, 8th Ave., Maywood, Ill.

CHRYSANTHEMUMS. Stock plants of Glory of the Pacific, Merry Monarch, Ivory, Major Bonafant, Mrs. H. Robinson, Mrs. Ferris and Maud Dean. 5c each. Cash. W. Keir, Eikeville, Md.

Stock plants of Ivory, Bonafant, Murdock and Jerome Jones, 10c each, \$1.00 per doz. Cash. The best and earliest white. 5c each, \$3.00 per doz. Crabb & Hunter, Grand Rapids, Mich.

Stock plants of Diana, Yellow Queen, Daisycold and Lavender Queen at 5c each, or will exchange for Ivory, Golden Wedding or Ferris N. Goadge, Evansville, Ind.

Chrysanthemums, 5 and 6 in. bushy plants, mixed colors, \$2.25 and \$3.00 per doz. Stock plants of Ivory Pacific, 10c per doz. W. Haebich, Auburn, Ind.

CHRYSANTHEMUM Stock Plants. Walter Molatsch, \$1.00 per doz.; Col. D. Appleton, \$1.25 per doz. Paul Frummer, Corona, L. J. N. Y.

CHRYSANTHEMUM Stock Plants. Timothy Eaton, 50c each; Col. D. Appleton, 15c each. Cash.
HENRY EICHHOLZ, Waynesboro, Pa.

Put-grown chrysanthemums, good, bushy plants. Assorted colors, 5-in., \$3.00 per 100; 6-in., \$3.00 per 100.

EVENDEEN BROS., Williamsport, Pa.
TIMOTHY EATON, stock plants, \$3.50 per doz. Write for price list of other varieties. H. Weber & Sons, Oakland, Md.

CINERARIAS.

Cineraria, large, transplanted, ready for potting. 100 per 100; 100 for \$5.00. Oct. 24-in., \$2.00 per 100; 300 for \$5.00; 3-in., \$3.00 per 100; 400 for \$10.00. Whitton & Sons, City and Green Sts., Utica, N. Y.

Cinerarias, fine stocky plants, prize strain, 2-in., \$2.00 per 100, 300 for \$5.00; 3-in., \$3.00 per 100, 400 for \$10.00. Cash. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cinerarias, \$1.00 and \$5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Cinerarias for Easter blooming, \$2.00 per 100. Cash. J. W. Miller, Hatton, Pa.

Cinerarias, 2-in., \$2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

COLEUS.

Coleus, rooted cuttings, 24 var., 60c per 100; \$5.00 per 1000. Address paid. Cash. S. D. Brant, City Center, Kan.

Coleus, rooted cuttings, in variety, 50c per 100, 60c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Coleus Verschaftelli, 2-in., \$1.50 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Coleus, rooted cuttings, in variety, 60c per 100 postpaid. Theo. Fuhr, Beloit, Ohio.

CYCAS.

Cycas revoluta, 5 to 8 lvs., \$6.00 per doz.; 8 to 10 lvs., \$10.00 per doz. Cash. A. J. Baldwin, Newark, Ohio.

CYCLAMEN.

Cyclamen per, 5-c. in bud and bloom, 3-in., \$5.00 per 100; \$40.00 per 1000. 4-in. \$8.00 per 100; \$70.00 per 1000. Whitton & Sons, City and Green Sts., Utica, N. Y.

Cyclamen persicum giganteum, fine 2-in. stock, \$2.50 per 100. Cash, please. Pierce & Adria, Mich.

Cyclamen giganteum, 4-in., \$12.00, 3-in., \$7.00 per 100. Showing bud. Cash. C. L. Osborn, Sidney, Ohio.
Cyclamen 3-in., \$4.00 per 100. Cash. J. W. Miller, Hatton, Pa.

CYPERUS.

Cyperus papyrus, 24-in., \$2.50; 3-in., \$4.00; 4-in., \$6.00 per 100. C. G. Fapsch, Moorestown, N. J.

DAHLIAS.

SEEDSMEN and NURSERYMEN planning to list DAHLIAS in their SPRING CATALOGUES should send for my trade list at once. W. P. LOTHROP, East Bridgewater, Mass.

Dahlia G. D. Alexis, A. D. Livoni, Agnew, Britain, Purdy, Storm King and 33 other selected sorts. Write for prices. C. Betscher, Canal Dover, Ohio.

DAISIES.

Rooted cuttings of daisies, white and yellow, \$1.00 per 100; \$5.00 per 1000, express paid. C. Humfield, City Center, Kan.

Paris daisies, rooted cuttings, \$1.00 per 100 by mail. Main & Pear, Greenville, N. Y.

White Marguerite daisies, 2-in., \$2.00 per 100. E. I. Rawlings, Quakertown, Pa.

DRACÆNAS.

Dracæna indivisa, per 100; 3½-in. pots, \$4.00; 4-in. pots, \$6.00; 6-in. pots, \$20.00. A. Schmitt, Glenville, Ohio.

DRACÆNA AUSTRALIS, extra strong, field-grown, \$7.00 per 100.
CHAS. H. CAMPBELL, Richmond, Can.

Dracæna indivisa, from field, 10 to 31 in., \$15.00 per 100. C. Merkel & Son, Mentor, Ohio.

Dracæna Indivisa, 2½-in., \$5.00 a 100. Cash. Greene & Underhill, Watertown, N. Y.

ERICAS.

ERICAS a specialty. Anton Schutheis, P. O. Box 78, College Point, New York City. Write for price list.

BUSINESS BRINGERS—
 Classified Review

FERNS.

BOSTON FERNS.
 2½-in. pots..... Each. 30 100
 3-in. pots..... 5c 45 100
 5-in. pots..... 25c 210 20.00
 8-in. pots..... 50c 420 40.00
 11-in. pots..... 55c 520 50.00
 Strong plants from bench ready for 2 and 3 in. pots, \$2.00 per 100, \$18.00 per 1000.

W. J. HESSER, Plattsmouth, Neb.

FERNS OUR SPECIALTY. Christmas bargains on 150,000 ASSORTED FERNS for jar-jar-nickee plants. Fine selected plants and sorts in all the leading varieties at 25c per 100; \$30.00 per 1000. Samples free. Cash or P. O. order.

ANDERSON & CHRISTENSEN, Telephone 29 1, 11, SHORT HILLS, N. J.

Boston ferns, very bushy from pot up, ready for repotting, 4-in., 25c; 6-in., 40c; 8-in., \$1.00; 9-in., \$1.50. These are magnificent plants and sure to please. Nephrolepis Withfordii, ready for repotting, 4-in., \$3.00 per doz.; 5-in., \$5.00 per doz. Cash, please. A. J. Baldwin, Newark, Ohio.

Assorted ferns for fern dishes. Strong plants out of flats, \$1.10 per 100 by mail, \$1.00 by express; 2½-in., \$2.50 (express); 3-in., \$5.00; 4-in., \$8.00. Pteris tremula compacta (new fern), strong and compact growth, 2½-in., \$5.00; 4-in., \$10.00 per 100. Try it. C. G. Fapsch, Moorestown, N. J.

100 choice ferns, from flats, mailed for \$1.25; \$10.00 for 1,000 by express. Ten best sorts—davidia, adiantum, pteris, lunaria, nephrolepis, etc.—with a full 2-in. pot at 10c and make fine plants by autumn. John H. Ley, Great Hope, Washington, D. C.

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Boston ferns, 4-in., 10 fronds, 75c per doz.; \$6.00 per 100. 2½-in., strong, \$3.00 per 100; \$25.00 per 1000. Cash. John A. Doyle Co., Springfield, Ohio.

Boston ferns, all sizes. Ask for special trade list.
BOBBING & ATKINS, RUTHERFORD, N. J.

1000 Boston ferns, 4 and 5 in. Will sell cheap. Write Benj. Cornell, West Grove, Pa.

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Fuchsia, hamul., rooted cuttings, \$1.25 per 100, 2 1/2-in., \$4.00. Cash, Greene & Underhill, Watertown, N. Y.

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RIP VAN WINKLE, 6 geraniums up and found his houses full of JUST WOKES up composed of S. A. Nutt, Richard Iretz, La Plot, Thomas Perine, Beattie, following prices: Geo. Grant, Brunati, Ray Blas, Gloire de France, Coutanera, Alphonse Ricard, Marguerite de Loyal, Charles, Grandville, La Favorite, Mme. Bruant and several other varieties in 2 1/2-in. pots. We also have Rose Geraniums, V. de Noire, 1600, 1000, 1000, hundred thousand, but we will be pleased to receive orders for a hundred, thousand or a hundred thousand at the following prices: \$3.00 per 100, \$25.00 per 1000, or \$100.00 for 5000. Cash with the order. The selection of sorts to remain with us.

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From 2 and 2 1/2-in. pots, named... 100 1000 mixed... 2.50 15.00 Rex Begonias... 2.00 10.00 Alysum, double, 2 1/2-in. pots, in bloom... 2.00 10.00 Swainsona, white or pink 2 1/2-in. pots... 2.00 Heliotrope, 2-in. pots... 2.50 Cash or C. O. D. I. F. DUNN, East Stroudsburg, Pa.

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Heliotropes, in variety, 2 1/2-in., \$2.00 per 100; rooted cuttings, 50c per 100, 60c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

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Choice HOLLY, well-berried and cut fresh from the trees. 16 cubic feet \$5.00 for 3 crates. Cash with order. J. PALMER GORDON, Ashland, Va.

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One-half acre field-grown hydrangeas, 6, 7 and 8-in. pots, \$15.00 to \$50.00 per 100.

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Lantanas, in variety, 2 1/2-in., \$2.00 per 100; rooted cuttings, 50c per 100, 60c by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

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Best named sorts; beautiful, bushy plants. Blooming size, grafted 2 years; 12-in., \$2.00 per 100. Not less than 50 at this rate.

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Strong, well established, healthy plants at \$5.00 per doz. Fern roots of best quality, \$1.00 per barrel. W. Mathews, Utica, N. Y.

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	Inch pots.	Inches high.	Per 100.	Per doz.
1 plant	2	10-12	\$1.00	\$ 9.00
2 plants	4	15	3.00	27.00
3 plants	6	20	6.00	54.00
4 plants	6	24-28	12.00	108.00
			Each.	Doz.
3 plants	8	20-26	\$2.50	\$24.00
3 plants	10	42-45	\$ 5.00	45.00

KENTIA BELMORIANA.

	Inch pots.	Inches high.	Per 100.	Per doz.
2 1/2	3-4	8	\$1.50	\$12.00
3	4-5	9-10	2.00	18.00
4	5-6	10-12	3.00	27.00
4	5-6	15	4.50	36.00
4	5-6	18	6.00	54.00
			Each.	Doz.
6	6	24	\$1.25	\$15.00
6	6	27-28	1.50	18.00
8	7-8	30-32	2.00	24.00

KENTIA FORSTERIANA.

	Inch pots.	Inches high.	Per 100.	Per doz.
2 1/2	4	8	\$1.50	\$12.00
3	4	12	2.50	20.00
4	4	15	3.00	24.00
4	4-5	18	4.50	36.00
			Each.	Per 12.
6	5-6	30	\$1.25	\$15.00
6	5-6	32	1.50	18.00
7	6-7	30-30	2.00	24.00
7	6-7	32-32	2.50	30.00
8	7	42	4.00	36.00

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PALMS. Strong, hardy stock.

ARECA LUTESCENS, 3 plants together, 4-in., 25c; 6-in., 75c and \$1.00; 8-in., \$2.00 and \$2.50.

KENTIA BELMORIANA, 4-in., 35c, 40c and 50c; 6-in., 75c and \$1.00; 8-in., \$2.00. 2 plants together, bushy habit, 4-in., \$1.50; 6-in., \$3.00; 8-in., \$3.00 and \$3.50.

KENTIA FORSTERIANA, 4-in., 35c and 40c; 6-in., 75c; 2 plants together, 8-in., \$2.50 and \$3.00.

LATANIA BORBONICA, 4-in., 25c; 6-in., 50 and \$1.00; 8-in., \$1.50.

DRACAENA TERMINALIS, 6-in., 50c.

PICUS ELASTICA, 6-in., 50 and 75c.

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PANDANUS VEITCHII, Cocco Weddellana, Dracaena Sanderiana, etc., in popular sizes.

A large stock of strong and healthy young plants, in 2 1/2 and 3-in. pots, of all kinds. Send for descriptive price list.

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5-in. pots, 5 to 7 leaves.....	\$4.50	\$25.00
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7-in. pots, 8 leaves.....	9.00	70.00
4-in. pots, 6 leaves.....	\$4.50	\$25.00
5-in. pots, 7 leaves.....	8.00	65.00
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5-in. pots, 5 leaves.....	7.00	55.00

ARECA LUTESCENS.

Three plants in pot.		
4-in. pots, 15 inches high.....	\$2.00	\$22.50
5-in. pots, 18 inches high.....	5.00	40.00
6-in. pots, 20 inches high.....	8.00	70.00
7-in. pots, 24 inches high.....	15.00	120.00
WALTER RETZER & CO., 2045-59 Clarendon Ave., Chicago.		

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I will sell for cash at auction prices the following fine, cool grown plants:

200 Latania, 7-in. pots.....	Each	2.00
50 Phoenix, 10-in. pots.....	\$1.50	\$7.50
50 Arevella Roberts, 4-in. pots.....	1.00	5.00
50 Nephrolepis Nana, 2 1/2-in. pots.....	10	1.00
100 Milled Ferns, 2 1/2-in. pots.....	2 1/2	25.00
500 Ferns, 3 vars., 2 1/2-in. pots.....	25	625.00
H. ERICKSEN, Cor. Maspeth Ave. and Olive St., Brooklyn, N. Y.		

PHOENIX. Farinifera, Pumila and Recintana.

4-in. High. Leaves, Char.Lvs. 100	12 to 15	to 2	\$15.00
4-in. Very fine. 1 to 2	35	to 5	75.00
4-in. 24 to 20-in. Very fine. 1 to 2	75	to 10	315.00
5-in. PHOENIX. Sylvesterii and Pumilus:			
5-in. High. Leaves, Char.Lvs. 100	6 to 7	to 10	\$25.00
5-in. 20 to 24-in. Pine. 6 to 7	45	to 60	2025.00
6-in. 30-in. Pine. 6 to 7	60	to 90	5400.00
6 to 7-in. 24 to 28-in. Stocky. 9 to 11	90	to 120	8100.00

Not less than 50 of a class at the above rates.

E. J. BERKMAN'S CO., Augusta, Ga.

If you want more well grown, stocky Kentias and Lantanas, write us. We have an immense stock.

C. C. FOLLWORTH CO., Milwaukee, Wis.

Pandanus Veitchii, 6-in. pots, \$1.00 each; \$2.00 per doz. 7-in., \$1.50 each, 8-in., \$2.00 each. John Welsh Young, Germantown, Pa.

Palms, per 100: Latania borbonica, 2 1/2-in., \$3.50; Kentia forsteriana, 2 1/2-in., \$4.00; 2 1/2-in., \$2.50. Morris Floral Co., Morris, Ill.

Kentias in all sizes. Ask for special trade list.

BOBBINK & ATKINS, Rutherford, N. J.

PALM SEEDS. SEARL & SONS, 86 KING ST., SIDNEY, NEW SOUTH WALES, AUSTRALIA.

PALM SEED by mail. Orestodia regia and Gloriosa, 20c per 100; \$1.00 per 1000. Soar Bros., Little River, Fla.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Finest strain of Giant Trimardeau, mixed, 50c per 100 by mail; \$3.99 per 1,000 by express.

GIANT MME. PERRET. This is the most wonderful improvement yet for size, color and perfection of form of flowers. A grand mix-ket sort, 65c per 100 by mail; \$5.00 per 1,000, by express.

PERNWOOD FLORAL CO., 10211 Union Ave., Chicago.

Giant of California pansy plants, \$1.00 per 100; \$4.00 per 1000; from seed beds, transplanted plants, \$2.00 per 100; the guarantees sale arrival of plants. Mitting Floral Co., Loomis, Cal.

Good, strong Trimardeau pansy plants, 75c per 100 by mail; \$7.00 per 1,000 by 1,000. Harry White, New Holland, Ind.

Pansies worth raising. Good plants, \$4.00 per 100; \$2.50 per 500. Cash. Chr. Soltan, 199 Grant Ave., Jersey City, N. J.

Giant panicles, 8 bud colors assorted, 50c per 100, \$4.00 per 1000. Cash. Van Aken Bros., Coldwater, Mich.

Pansy plants, 50c per 100 by mail; \$4.00 per 1,000 by express. Cash. Morris Floral Co., Morris, Ill.

Giant Trimardeau, from seed bed, \$2.00 per 1,000. Cash. O. F. Searles, Nashua, N. H.

Pansy plants, 50c per 100, \$3.00 per 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargonium rooted cuttings, named, \$2.00 per 100. Cash. S. D. Brant, Clay Center, Kan.

PETUNIAS.

Our double ranging petunias this year are finer than ever; 12 selected varieties, every one a genuine, rooted cuttings, \$1.25 per 100, \$10.00 per 1000; Henderson's Sea Foam variety, \$1.50 per 100. Cash. Buckley Plant Co., Springfield, Ill.

Root cuttings of petunias, 24 varieties, \$1.25 per 100, \$10.00 per 1000. Cash. S. D. Brant, Clay Center, Kan.

Dbl. Petunias, 2 1/2-in., \$2.50 per 100. Cash. O. F. Searles, Nashua, N. H.

PRIMROSES.

Primroses, mixed Chinese, 5-in., extra fine, ready for 4-in., \$2.50 per 100. Cash, please. Pierce & Johnson, Adrian, Mich.

Primulas, 2 1/2 in., \$2.00. Chinese, \$1.25; Forbush, 12 for \$2.00; \$2.00. Cash. Morris Floral Co., Morris, Ill.

PRIVET.

PRIVET—2 1/2 to 3-ft., 3-yr.-old, \$3.00 per 100; \$27.00 per 1000. 2 to 2-ft., 2-yr., \$2.50 per 100; \$22.50 per 1000. 20 to 24-in., \$2.20 per 100; \$16.00 per 1000. 15 to 20-in., \$1.80 per 100; \$12.00 per 1000. 12 to 15-in., \$1.10 per 100; \$9.50 per 1000. 8 to 12-in., \$0.50 per 100; \$4.00 per 1000. 4 to 5-ft., \$1.00 per 100; 7 to 8-ft., \$1.00 per 100. Large specimens, prices on application.

PRIVET—Vine, mixed, trailing, \$1.25 per 100; \$10.00 per 1000. Choice privet cuttings, \$3.50 per 10,000. Cash with order. Packings free. S. W. Vining, Morris, Ill.

ATLANTIC COAST NURSERIES, Office 606 4th Ave., Asbury Park, N. J.

ROSES.

HELEN GOULD, or Baldwin. Although the identity of this rose is in dispute we were so satisfied with it that we planted it largely. Plants from 2 1/2-in. pots, March and April delivery, 12 for \$2.00; 100 for \$20.00; 500 for \$20.00; 1000 for \$150.00. Waban Rose Conservatory, Natick, Mass.

Field-grown roses. Strong 3-year-old White MAMAN COCHET, \$10.00 per 100; \$90.00 per 1000. Strong 2-year-old CRIMSON RAMELER, \$3.00 per 100; \$75.00 per 1000. Not less than 50 sold at 100 rate nor less than 500 at 1000 rate. ISAAC H. MOSS, Groversville, Baltimore, Md.

4000 MAJORS, per 100; 2 1/2-in., \$3.00; 3-in., \$2.50; 2 1/2-in., \$1.50; 500 BRIDES, per 100; 2 1/2-in., \$3.00; 2 1/2-in., \$1.50. The 2 and 3-in. are choice, strong plants, worth well \$5.00 per 100; \$40.00 per 1000. H. Lincoln.

Field-grown roses, 50 varieties, 1 to 2 ft., \$1.00 per doz. CRIMSON RAMELER, 4 ft. and over, \$3.00 per doz; 2 ft. and below, \$5.00 per 100. Wm. K. Nelson, Augusta, Ga.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

ROSES—Continued.

Choice hardy H. P. roses, own roots; 10 to 150 popular kinds, field-grown, 50 stocky plants, \$1.25 per doz., \$5.00 per 100. F. A. Haller, Bloomington, Ill.

ROSES. Brides, Maids and Meteors, to close out, fine, 3-in. stock, \$3.00 per 100.

H. P. Tesson, West Forest Park, St. Louis, Mo.

Rooted cuttings of Liberty, Kaiserin, La France, Wootton, Perle and American Beauty. Write Geo. A. Kuhl, Pekin, Ill.

Roses. H. P. roses, Crimson Hamburgs, H. T. roses. Ask for special list of prices.

BOBBINK & ATKINS, Rutherford, N. J. American Beauties, E. C. \$1.50 a 100.

Stabenow Bros., 167 No. 10th St., Reading, Pa.

Roses, 3-in. pots, \$1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.**BRANCHING RUBBERS.**

\$5.00 per hundred.

\$6.50 per dozen.

Single stem, 24 to 30-in., 5¢ per doz. Shipped in Nepenthes pots.

GROVEDALE NURSERIES, A. MALLON, JR., MGR., Fisher's Lane, East Park, Philadelphia, Pa.

Ficus elastica, top cuttings, 12-in., \$20.00 per 100. Not less than 50 at this rate.

P. J. Derckmans Co., Augusta, Ga.

SALVIA.

Salvia Bonfire, 2½-in., \$2.00 per 100. Salvia Splendens and Salvia Bonfire, rooted cuttings, 50¢ per 100, by mail \$6.00.

R. Vincent, Jr., & Son, White Marsh, Md.

Rooted cuttings of salvia, 5 varieties, \$1.00 per 100, express paid. Cash. S. D. Brant, Clay Center, Kan.

Are you looking for someone who is looking for a bargain? You'll find him—by advertising that bargain in the Review's classified ads.

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SALVIA SEED, new crop, well matured, true to name and of high germinating power. SALVIA SPLENDENS, trade pkt., 25¢; oz., \$1.25; 4 lb., \$5.00; 10 lb., \$10.00. BONA FIDELIS, trade pkt., 30¢; oz., \$2.00; 4 lb., \$7.00; 10 lb., \$25.00. SILVER SPOT, trade pkt., 50¢; oz., \$3.00.

JOHNSON & JOHNSON, 47-219 Market St., Philadelphia, Pa.

FRESH SMILAX SEED, 25¢ per oz.; \$2.00 per lb. Write for prices in quantity.

Order taken for Coback scandens and Asparagus Sprengeri.

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Our wholesale price list of high-class Philadelphia for florists has been mailed to the trade. If you have not received a copy, write for one now.

Thorburn & Co., 36 Cortlandt St., New York.

KENTIA SEED (Belmoreana), \$1.50 per 1,000; \$30.00 per 10,000. Extra large, fine, sound seed; our own direct importation.

Jackson & Perkins Co., Newark, New York.

New SWEET PEA seed, California Blue Bell and California Red Eye, 30¢ oz., \$4.00 per lb.; 4 lb. at 10 lb. rate. MITTING Floral Co., Wholesale, Cal.

Local price lists for florists and market gardeners.

W. Alice Burpee & Co., Philadelphia, Pa.

Sweet Pea seed and other California-grown seed. Send for list. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprengeri seed, 50¢ per 100, \$3.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Seeds of Eulalia Japonica, 4-oz. Ec. Mrs. M. E. Patterson, Glendale, Cal.

STEVIA.

Stevia var., 2-in., \$2.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

FISNESS DRINGERS—REVIEW Classified Ads.

SMILAX.

Smilax seedlings, fine plants, 50¢ per 100; \$2.50 per 1000; \$10.00 per 5000. Smilax plants, strong 2-in., \$1.50 per 100; 4-in., \$1.50 per 100. Cash, please. Mrs. Griswold, Worthington, Ohio.

Fine large plants, 2½-in., \$1.25 per 100, \$10.00 per 1000. J. C. Schmidt, Bristol, Pa.

Smilax, 2½-in., \$2.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Smilax, 2½-in., \$1.00 per 100. Cash. Morris Floral Co., Morris, Ill.

SWAINSONA.

Swainsona alba, 3-in., \$3.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

UMBRELLA PLANTS.

Umbrella plants, 2½-in., \$2.00 per 100; \$20.00 per 1,000. Cash. John A. Doyle Co., Springfield, Ohio.

We sell the FLORISTS' MANUAL on monthly payments. Write for our terms—they're easy. Florists' Pub. Co., 234 Dearborn St., Chicago.

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Grand Rapids lettuce plants, from Livingston's superior strain, 15¢ per 100, \$1.25 per 1000. Cash. Shoop, Amelia, Ohio.

Vegetable plants. All vegetable plants in their season, by the 100, 1,000 or 10,000. R. Vincent, Jr., & Son, White Marsh, Md.

Grand Rapids and Boston Market lettuce plants, \$1.00 per 100; \$1.00 per 5000. Cash. Mrs. Griswold, Worthington, Ohio.

Grand Rapids lettuce plants at 15¢ per 100. Good plants. John H. Trentmann, Delphos, O.

VERBENAS.

20,000 plants of our finest varieties now ready, \$2.50 per 100, \$30.00 per 1,000. Rooted cuttings, 60¢ per 100, \$5.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Lemon verbena, 2½-in., \$2.00 per 100. Verbenas, rooted cuttings, 50¢ per 100, 60¢ by mail. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Rooted cuttings of verbenas, all standard named kinds, 60¢ per 100, \$5.00 per 1,000, express paid. Cash. S. D. Brant, Clay Center, Kan.

Rooted cuttings of verbenas, named, 60¢ per 100, \$5.00 per 1,000, express paid. C. Humfeld, Clay Center, Kan.

Lemon verbenas, rooted cuttings, \$1.50 per 100. Cash. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca var., rooted cuttings, \$1.25 per 100; \$10.00 per 1,000. 2½-in., \$2.00 and \$2.50 per 100. Cash. Greene & Underhill, Watertown, N. Y.

6000 Vinca major var., field; long tops, \$5.00 per 100. Cheap for cash. Write Benj. Connell, West Grove, Pa.

Vinca var., field-grown, fine, \$5.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

Variegated Vinca, from field, \$4.00 per 100. C. Merkel & Sons, Mentor, Ohio.

VINES.

100,000 VINES. Ampelopsis Quinquifolia. Extra strong, 3 years, field grown, \$5.00 per 100, \$40.00 per 1,000.

Ampelopsis Vetchill. Extra strong, 2 years, field grown, \$7.00 per 100, \$60.00 per 1,000; strong, 3 years, 4-in. pots, \$8.00 per 100.

Clematis paniculata. 1 year, field grown, \$2.00 per 100, \$20.00 per 1,000; 2 years, strong, field grown, \$6.00 per 100, \$50.00 per 1,000.

Ivy, English, 2 years, strong, from 4-in. pots, 3¢, \$10.00 per 100, \$80.00 per 1,000; 3 years, strong, 4-in. pots, 4 to 5 feet high, \$15.00 per 100, \$125.00 per 1,000.

Honeysuckle, Aurea Reticulata, Brachy-poda, Halliana, Japonica or Evergreen, 2 years, strong, field grown, \$5.00 per 100, \$40.00 per 1,000; 3 years, strong, field grown, \$6.00 per 100, \$50.00 per 1,000. Send stamps for samples.

MOUNT ARY NURSERIES, Hartmanstown Ave., Philadelphia, Pa.

7356 THAEDUS N. YATES & CO.

VIOLETS.

Princess of Wales and Swanley White violet clumps, \$1.00 and \$5.00 per 100. Cash. Benj. Connell, West Grove, Pa.

Violets, 3-in., \$3.00. La France violets, 4-in., \$6.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Princess of Wales violets, 2½-in., \$3.00 per 100, \$25.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Field-grown violets, 5,000 Lady Campbell and 10,000 Princess of Wales. Wm. Sim, Cliftondale, Mass.

MAHE LOUISE violets, strong plants, \$5.00 per 100. Mrs. L. P. Seaton, Richfield Springs, N. Y.

California violets, 300 fine field-grown, in bud and bloom, \$2.00 per 100. Cash, please.

Pierce & Johnson, Adrian, Mich.

MISCELLANEOUS.

FINE STOCK. Adiantum cucupatum, 3-in., \$3.50 per 100. Petris serrulata, 2-in., \$3.00 per 100. Hegonia manicata aurea, 2-in., 4¢; 2½-in., 6¢ each. Primula obconica (talka) and rosea (mix), 2-in., 2¢. Chinese, 2-in., mixed colors, 2-in., 2½¢. Also a few 3 and 4-in. geraniums, mixed varieties, large plants, fine for stock, 6¢ each. G. Caswell, Delaware, Ohio.

For bargains in cannas, field shrubs, asparagus, ivies, geraniums, Easter lilies and Lorraine begonias see our display adv. Rodney Bros., West Grove, Pa.

TO EXCHANGE.

To Exchange—Chrysanthemum stock plants to sell or will exchange for other varieties, Robinson, Wedding, Jaus, Blackhawk, Ivory and Pacific. Gift Floral Co., Richmond, Ind.

To Exchange—Dahlia clumps, 6 varieties, and canna clumps to exchange or will sell cheap. Make me an offer. A. Brumley, Birmingham, Iowa.

WANTED.

Wanted—5000 lettuce plants of some curled variety for cold-frame use. Boston Curled or Green Fringed preferred. State price. O. F. Searies, L. E. 283, Nashua, N. H.

COLD STORAGE.

Lilium Longiflorum, Rolker's special retarders, take the place of early-flowering Harrisli; delivery spring and summer 1902. Place orders now. A. Rolker & Sons, 25 Dey St., N. Y. City.

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SEMINOLE SPECIALTIES. Palm Leaves, Crowns, Trunks and Buds; Needle Fines, Magnolia Leaves, etc. Wholesale and Retail. Spanish Moss, Talandisias, Pineapple Plants, Laurel, etc. Lowest prices, most liberal terms.

SEMINOLE PALM CO., Hingham City, Va.

20,000 XMAS TREES, well shaped, all sizes from 4 to 20 ft., selected by our own men. Evergreen wreathing, Green and Holly. Send us a list of your wants to be filled on.

W. W. BARNARD & CO., 161 Kinzie St., Chicago.

Fancy and Dager ferns always on hand. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Square, Boston, Mass.

Dager or Fancy Ferns, 75¢ per 1000. Laurel festooning, 4, 5 and 6¢ per yard. Crowl Fern Co., Millington, Mass.

Southern Wild Smilax, new crop ready now. Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Washburn Ave., Chicago.

FERTILIZERS.

PURE BONE MEAL—The brand we are selling has no superior. 50 lbs., \$1.00; 100 lbs., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$14.00; 20,000 lbs., \$27.00.

PULVERIZED SHEEP MANURE—One of the most effective fertilizers. Price, per sack of about 2 bushels, weighing 90 to 100 lbs., \$1.50; 100 lbs., \$1.75; 1000 lbs., \$25.00.

HORN SHAVINGS—Especially useful where bedding plants are largely grown. 25 lbs., \$1.00; 100 lbs., \$3.50; 1000 lbs., \$25.00.

E. H. HUNT, 76-78 Washburn Ave., CHICAGO.

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VIOLET TIN FOLI, 5¢ cents a lb.; 16 lbs. for \$1.50. VIOLETS, CROCKS and TASSELS, all styles and colors. Samples cheerfully forwarded on request.

RIBBONS! RIBBONS! RIBBONS! For every conceivable purpose in the florists' business. All widths, shades and qualities. Color card and samples forwarded. A postal card does it.

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GALAX LEAVES.

Galax leaves. For latest prices bronze and green galax leaves and Leucothea sprays, address the introducer.

Harlan P. Kelsey,
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GALAX. I am now ready to fill orders with new BRONZE and new GREEN Galax and LEUCOTHEA sprays. Quality guaranteed. Write for prices and terms before buying elsewhere.
J. G. LOVEN, Montezuma, N. C.

Reduction in price of Bronze Galax DELIVERED FREE anywhere in U. S. for ONE DOLLAR per thousand.
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Bronze and green galax leaves. Write for prices on large quantities.
H. M. Robinson & Co., 28-30 Court St., Boston, Mass.

Galax leaves, green and bronze, 75c per 1000 in 5000 lots.
Crowl Fern Co., Millington, Mass.

GARDEN TOOLS.

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Try LUCAS for Glass, Paint and Putty. 4 pamphlets on Glass tell you all about it. Write JOHN LUCAS & CO., Philadelphia, Pa.

We make special greenhouse putty. Price 50c per gallon.
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Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

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Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Ester, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikotene. Does not injure the most sensitive plants. Indorsed by prominent florists. Used for fumigation, spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikotene. Sold by seedsmen. Circular free.
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Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money.
W. H. Ernest, 24th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., Incorporated, Manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices.
Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots. Write for prices; we will surprise you.
The Zigler Filter & Pottery Co., Toledo, Ohio.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
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Red Pots. Sample pot and price list on application.
C. C. Pollworth Co., Milwaukee, Wis.

Red Pots.
Colesburg Pottery Co., Colesburg, Iowa.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowd for room.
No. 1 will fit 2 to 5-in. pots, 50c per doz. No. 2, 5 to 5-1/2-in. 40c per doz. No. 3, 5 to 12-in., 50c per doz. By mail 10c extra per doz. Sample price, 10c postpaid.
W. C. Krick, 1257 Broadway, Brooklyn, N. Y.

SPHAGNUM MOSS.

Why not buy your Sphagnum Moss from first hand? We are always ready to ship on a moment's notice and can save you at least 20 per cent. Prices, single bale, 75c; 10-bale lots, \$5.50. Send for sample bale.
Z. K. Jewett & Co., Scrata, Wis.

Clean, fresh, 5 bbl. bale, \$1.00; 3 bales, \$2.50; 5 bales, \$4.00.
H. R. Akers, Chatsworth, N. J.

TIN FOIL.

Tin foil for florists. Special shades and designs. Write for samples and prices.
The Patent Co., Kingston, N. Y.

TOBACCO STEMS.

Fresh stems, 500-lb. bales, \$1.50. Cash. W. C. Becker, Allegheny, Pa.

WIRE SUPPORTS.

Thaden's Wire Tendril is adapted to horizontal wires as well as stakes for roses, carnations, chrysanthemums, etc. Easily put on and easily taken off and is durable. Sample 100, prepaid, for 50c.
H. Thaden & Co., Atlanta, Ga.

Model Extension Carnation Supports, made with two or three circles; also galvanized rose stakes and tying wires. Igoo Bros., 226 North 9th St., Brooklyn, N. Y.

DO NOT TIE UP roses or carnations until you have read our circular on wire.
H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Fine St., St. Louis, Mo., manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west.
McKellar & Winterson, 45 47 49 Wabash Ave., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs, 253 East 21st St., New York.

Reed & Keller, 127 W. 25th St., New York. Manufacturer of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

OTTAWA, ONT.

Business has improved during the last two weeks, especially in funeral work. Roses and mums are plentiful, carnations rather scarce yet.

Wright's greenhouses were almost all destroyed by fire on the night of Nov. 7, only two left of about a dozen. Mr. Wright put in an apparatus for burning sawdust and had it completed that night. The only conclusion he can come to is that the fireman went to sleep. Three of his hands were sleeping over the potting shed; one of them, a lad of 16, lost his life; all that was found of him were a few bones. When the writer arrived on the scene next morning he found a sad wreck, and Mr. Wright in a state of mind not to be envied. Not so much for his financial loss as the terrible death of the poor boy.

Willing hands went to work to protect what was left and by 6 p. m. connection was made with the boilers and steam turned on. There is not enough left to supply a store in the city, as all the roses, carnations, palms, ferns, and most of his azaleas and lilies were destroyed or frozen the next night. Mr. Wright will be seriously handicapped, as there is no wholesale place here to run to. But he is a young man with lots of pluck and energy and will soon get his place in order. His loss is between \$10,000 and \$15,000. No insurance.
ZERO.

GRAND RAPIDS, MICH.

Dull, raw, almost smother weather has been our lot for the past week. If we do not get more sun-shine, carnations are going to be very scarce at Thanksgiving time. Roses are none too plentiful and may be in shortage also. There will be an abundance of violets. Most of the growers are not being so successful with their violets this year as last, which has a tendency to hold the price of good violets firm. There will be a few callas and paper whites make their appearance next week. Mums are plentiful, all sizes and prices. After Thanksgiving mums

will be comparatively few, as the late varieties are all earlier this year than usual.

A few extra fine Timothy Eaton were seen at Cunningham's. They were well done and monstrous in size.

At the City Greenhouses were seen fine Golden Wedding, Maud Dean, Helen Bloodgood, Col. Appleton, Robinson and Perrin.

Henry Smith has a bench of Riemann that will be in their prime next week and Crabb & Hunter are long on Jerome Jones.

Wm. Cunningham is ill with fever and sore throat. He has the wishes of the craft for a speedy recovery.

Henry Smith and Eli Cross attended the Detroit show and Crabb & Hunter sent a vase of their Irene to show the boys it was in first-class shape.
G. F. C.

ST. PAUL.

Trade Conditions.

Conditions are most favorable for good trade in this town, and sales are well up to the top notch. Notwithstanding the great increase in building the past ten years, and the consequent increased supply of flowers, the demand has constantly kept ahead of the supply, and a great many more flowers are being shipped in than there were ten years ago.

The bright weather prevailing of late has been most favorable for all blooms and a fine crop of bloom has resulted. Mums are hardly up to the standard in quality, although the later varieties are much better than the early ones. Carnations will furnish a good crop for Thanksgiving trade, which promises to be unusually good. In roses, Golden Gate and Liberty are the leaders, and have been planted more extensively this year than ever before.

A most noticeable feature of this year's trade is the constant demand for Beauties. Prices are unimportant so long as good blooms, long stems and clean foliage can be obtained.

Bonquet green is reported rather scarce again this season, and prices are quite high.
X. Y. Z.

A BUYERS' GUIDE.

The C. C. Pollworth Co., Milwaukee, Wis., have issued a new catalogue and call it a "Buyers' guide and reference book for florists." Not a bad title. Mr. Pollworth, as the contents are certainly sufficiently varied to warrant it. Plants, bulbs and miscellaneous supplies are listed in great variety and testify to the expanding business of this enterprising concern.

FREEMONT, ILL.—Louis Bauscher is putting up one house 12x50 for general stock and has added another boiler. Early next season he will erect four houses for roses and carnations.

WILKESBARRE, PA.—A chrysanthemum show was given this week in the armory of Co. D, Florist Marvin supplied many of the plants and flowers and decorated the building.

DIXON, ILL.—Florist O. L. Baird has taken his plants and flowers from Kelly's place, on First street, to the E. M. Bunnell Drug Co., on Galena avenue.

BUFFALO.

I think all hands and all classes of business miss the Pan. Am. to some extent and that is only to be expected, but there is no great collapse to come; it will not be felt except a quietude after the storm. There is nothing to collapse, there was not more than four or five cheap hotels built especially for the occasion and they got their money back, while all established hotels made lots of money and thousands of families made money by taking in boarders. You can't leave ten million dollars in a town without the whole community feeling some what richer by it. I believe business will be good this winter, there is every indication.

We are in the middle of the mump season but they are going rather slowly. Charlie Guenther, of Hamburg, is sending in some fine Golden Wedding, and the Huntley greenhouses (G. Troup, proprietor), of Corfu, have supplied a large quantity of good flowers. There are also to be found some fine blooms of Appleton, Jeannie Falconer and Timothy Eaton at Cold Springs, and some of them have gone to Kansas City.

Local grown violets are very scarce but the supply comes in all the same. I had a look at the Corfu establishments last week and the cut of carnations for the holidays is very promising. At Mr. Tronp's place the several varieties of Daybreak look fine and there are several grand benches of Crane and White Cloud. At the other end of the village is the Montrose Greenhouses, where Aleck, the son of William, presides. He is looking good. Much more profitable than last year, but all else is eclipsed by the wonderful Mrs. Lawson. In carnations it is like the alleged race horse Eclipse of 100 years ago. It is Lawson first and the rest nowhere, although that is hardly fair, and it would be more correct to say that The Margins and Ethel Crocker "also ran." You hear complaints of short stems. We had 18 inch stems on Nov. 1st, so you can't lay that fault up against the beautiful lady.

Mr. John F. Cowell has gone to Kansas City to act as one of the judges at the great show. When the associated press sends announcements of the prizes to all the dailies of the country you have got a flower show worth talking about. Our dailies have it that Mr. Peacock of Wynote took second prize for Am. Beauties. Of course we know it is the great Joseph that begins his name with an H.

One of our most active and worthy park commissioners died last week, Mr. Augustin Hager. Mr. Hager made a competency in the wholesale liquor business and afterwards as a leaf tobacco broker. About 27 years ago he bought 20 acres of land in what was then almost on the outskirts of the city and there for years he amused himself planting and improving the place till his little estate was a gem and a most interesting place for any lover of plants to visit. In horticulture and landscape gardening had been his chosen profession he would have been a star. He loved and knew plants, not because they made his place pretty, but for their individual selves. He was an ideal park superintendent. Pity there were not more of his sort on the board. He was beside a genial, clever, brainy man. We have lost one of our best friends.

W. S.



Wietor Bros.
51 Wabash Ave., CHICAGO, ILL.

**Wholesale Growers of
CUT
FLOWERS**

We are better than ever prepared to take the best of care of your orders. Our stock is in fine condition and we can supply high grade flowers that will give the best of satisfaction.

Mention The Review when you write.

THANKSGIVING PRICE LIST.

Am. Beauty, extra long stem, per doz.	\$5.00 to \$6.00
" 24-inch stem.....	3.00 to 4.00
" 20 " " " " " " " " " "	2.50 to 3.00
" 15 " " " " " " " " " "	2.00 to 2.00
" 12 " " " " " " " " " "	1.50 to 1.50
" 8 " " " " " " " " " "	1.00 to 1.00
Meteor.....per 100.	6.00 to 8.00
Bridesmaid.....	6.00 to 8.00
Bride.....	6.00 to 8.00
Golden Gates.....	6.00 to 8.00
Perle.....	4.00 to 6.00
Carnations.....	2.00 to 3.00
" fancy.....	4.00 to 4.00

All other stock at lowest market prices. No charge for packing. Subject to change without notice.

Look Out for Profit.
ARAUCARIA EXCELSA.

The lovely house plant for the holidays. They are perfect jewels. Raised in Belgium from top cuttings only, no seedlings, and you can get them of the Araucaria Specialist and Importer,

GODFREY ASCHMANN, 1012 Ontario St., PHILADELPHIA, PA.
one-half cheaper than from any other house in America.

I have houses full of them. Last spring's importations only. See these Special Low Prices:

- 24-inch pots, 3 to 4 tiers, 10 to 12 inches high, only.....50c
- 24-inch pots, 4 to 5 tiers, 12 to 15 inches high, bushy, only 60c
- 5 1/2 to 6-inch pots, 4, 5 to 6 tiers, 16 to 18 inches across, 16 to 18 inches high, 75c
- Specimen plants, 6-inch pots, 15 to 22 inches high, 18 inches across,.....\$1.00

To save express charges mention whether pots are to be taken off or not. Cash with order please.

Mention The Review when you write.

**THE
FINEST VIOLETS GROWN,**

as well as all other Cut Flowers, can be varieties of secured of

HOLTON & HUNKEL CO., MILWAUKEE, WIS.

'And They Sell Them at the Right Prices.

Mention The Review when you write.

New Cape Flowers...

JUST ARRIVED. Small, 50c per lb. We have them for 30c, 35c, 75c, 90c and \$1.00 per lb. Colored Cape Flowers, \$1.25 and \$1.50 per lb.

H. BAYERSDORFER & CO., Florists' Supply House, 50, 52, 54 and 56 North 4th St., PHILADELPHIA, PA.

Mention The Review when you write.

BARGAINS—1000 Canna roots—Florence Vaughan and Canary Bird, 1 1/2c. 5000 Shrubs, one year, field-grown, Privet, Red and Blue Spirea, Dentia gracilis, 15c. 3000 Asparagus Sprenger, 3-in., 35c. 1000 English Ivy, 2 1/2-in., 25c. 1000 Geraniums, Favorite, Poitevine, Nutt, Roux, Double Grant, 2 1/2-in., 2c. Easter Lilies, strong plants, cool grown, 5-in. pots, 6 to 8-in. high, \$2.00 a dozen. Begonia Lorraine, 3 1/2-in., \$2.50 a doz. Cash with order please.

ROYER BROS., Florists, West Grove, Pa.

WANTED!

I want to teach you how to construct your own boiler heads of two-inch gas pipe, manifolds and return bends.

I have sold out my greenhouse business and am giving all my attention to the boiler business, which occupies all my time. We will go to your place and put it up for you or make boiler and ship it.

Send \$1.00 for complete instructions.

D. W. PAYNE,
Box 153. Port Clinton, O.

Testimonial:—Gentlemen—It gives me pleasure to recommend Payne's New Coil Boiler. He put in a No. 3 for me and I must say it works to perfection. Easy to run with less fuel than others I've had. W. S. WOERNER, Port Clinton, O.

Mention The Review when you write.

SAN FRANCISCO.

Trade and Personal Items.

Trade seems to improve each day as we approach the holidays and that emblem of holiday time, the red berry, can be seen at every store. Violets are scarce and poor in quality, but the rains we are just having will improve them very much in the next few days. Roses and carnations are about the same as to quality and prices. Freesias are in market for the first time this week. Chrysanthemums are still coming into market in large quantities and are very cheap.

Prices: American Beauties, \$1 to \$3; Brides, Maids, Meteors, 25 to 75 cents; Cecil Brummers, 61 cents per doz. Carnations, Hoharts, firsts \$1, seconds 50 cents; Crocker, 35 cents; Hill, 20 to 25 cents; mixed fancy, 25 to 50 cents; Prosperity, 50 to 75 cents; Scotts, 15 to 20 cents; and Portia, 10 cents per dozen. Chrysanthemums, Dailedouze, \$1 to \$1.50; Jones, \$2 to \$2.50; Bonnaffon, 50 cents to \$1.50; outside chrysanthemums, 5 to 50 cents per doz. Violets, Princess of Wales, \$1.25 to \$1.50; Marie Louise, \$1 per dozen bunches; Tuberoses, \$1 to \$1.75 per doz.; valley, 50 cents per doz. Smilax, 5 cents; asparagus, 10 cents per string; Freesias, 25c per doz.

Carnation Hannah Hohart will be placed on the market in the spring of 1902.

Mr. Thomas H. Stevenson planted a big batch of Longiflorums at his growing establishment, Millwood, Marin county, for outside flowers.

Visitors in town: J. W. Lake, Chicago; Robert Armstrong, Santa Barbara, and John Jack, San Rafael.

W. S. Marshall will open a store at Fresno, Cal.

The Golden Gate Park commissioners have decided to advance the wages of skilled laborers from \$2 to \$2.50 per day.

Mr. Robert Armstrong, lately of Fernwood, has taken a position with Mr. I. G. Waterman, Santa Barbara. Mr. Waterman is a millionaire from Philadelphia and owns one of the finest private places in Santa Barbara, employing sixty men. Mr. Armstrong speaks very highly of his new place and describes Santa Barbara as the most beautiful spot on the Pacific slope, the tenderest kinds of plants doing splendidly in the open. "We have no use for greenhouses there," says Bob.

The Cox Seed and Plant Co. has a fine lot of Diecksonia antarctica ranging from 2 to 20 feet in height. Dr. Brigham of San Francisco bought two of them last week, 15 to 20 feet, for \$60.

Antone Verdi has opened a store at East Berkeley for the sale of plants and cut flowers.

Mr. William Eldred, gardener to the Col. F. Crocker estate, lost his wife on November 10. Pneumonia was the cause of her death. Mr. Eldred has the sympathy of the trade.

Some fine vases of that beautiful chrysanthemum Mrs. Jerome Jones can be seen at first-class stores. J. N.

ROCHESTER, IND.—The third annual chrysanthemum show was given at the Armory last week and the display was very creditable. There were numerous side attractions, including a baby show.

Dreer's Importations of Azaleas.

LARGEST IMPORTS * FINEST VARIETIES * BEST VALUES

Place your order now for early shipment by freight, and save heavy Express charges later in the season.

	Per doz.	Per 100		Per doz.	Per 100
10 to 12-inch crowns	\$4.50	\$35.00	16 to 18-inch crowns	\$12.00	\$90.00
12 to 14-inch crowns	6.00	45.00	18 to 20-inch crowns	25.00	200.00
14 to 16-inch crowns	7.50	55.00	20 to 24-inch crowns	36.00	300.00

There is a great scarcity of Mme. Van der Cruyseh this season, but we are in position to still supply ten per cent of this variety in assorted lots.

HENRY A. DREER, ⁷¹⁴ Chestnut St., Philadelphia.

Mention The Review when you write.

Mum Stock by the 100 or 1000.

Col. Appleton and Pennsylvania, \$8.00 per 100.

Perrin, Morel, Murdock, Autumn Glory, Pink Ivory, Wanamaker, Jones, White Ivory, Gretchen Buettner, Mayflower, Woodford, Golden Trophy, Whilldin, Bonnaffon, H. Hurrell, Rieman, Yellow Mayflower, Yellow Queen, \$6.00 per 100. Good for two weeks only. C. O. D.

Poehlmann Bros. Co., Morton Grove, Ill.

Mention The Review when you write.

Begonia Gloire de Lorraine.

\$15.00 per hundred; \$140.00 per thousand.

COTTAGE GARDENS, QUEENS, L. I.

Timothy Eaton

STOCK PLANTS,

\$10 per hundred, \$1.50 per doz.

Also at same price stock plants of

VIVIAND-MOREL,

MRS. PERRIN,

XENO,

MRS. J. J. GLESSNER,

MRS. W. C. EGAN,

EVANGELINE,

PHILADELPHIA,

PENNSYLVANIA,

MARION HENDERSON,

MONTMORT,

and all the leading commercial varieties.

Bassett & Washburn,

HINSDALE, ILL.

Mention The Review when you write.

CHAS. D. BALL,

GROWER
OF
Send for
Price List.

Palms, Etc.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

Geraniums in variety.....	From
Lantanas in variety.....	2 1/2 bush pots.
Heliotrope in variety.....	\$2.00
Lemon Verbenas.....	per 100.
Salvia Bonfire.....	
Smilax.....	
Swainsons Alba, 3-inch pots.....	\$3.00 per 100
Roses, 3-inch pots.....	\$4.00 per 100.
Coleus in variety.....	
Verbenas in variety.....	Routed
Cuphes (Cigar Plant).....	Cuttings,
Asterina in variety.....	50c per 100.
Ageratum, Dwarf White.....	
" Stella Gurney.....	Add 10c per 100
Salvia Splendens.....	if wanted
" Bonfire.....	by mail.
Heliotrope.....	
Lantanas.....	

Send for Price List. Cash with order.
R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

Norway.

The finest commercial White Carnation.
Orders booked now for January delivery and later. \$8.00 per 100; \$50.00 per 1000.

CHRYSANTHEMUMS.

Stock plants. Timothy Eaton, \$3.50 per doz. Write for other varieties and prices.

H. WEBER & SONS, Oakland, Md.

Cinerarias

For Easter Blooming, \$2.00 per 100.

CYCLAMEN, 3-in., \$4 per 100.

CASH

J. W. MILLER, HATTON, PA.
Mention The Review when you write.

SWAN PETERSON FLORAL CO., GIBSON CITY, ILL.

A Specialist in Carnations and Violets offers to the trade...

ROOTED CARNATION CUTTINGS

in 17 varieties, from strong, healthy plants.

PINK—Dorothy, Lawson, Marquis, Ethel Crocker, Genevieve Lord, Morning Glory.

WHITE—Norway, Lorna, Hoosier Maid, White Cloud, Mary Wood.

RED—Crane, Estelle. VARIEGATED—G. M. Bradt.

PROSPERITY, fine. ROOSEVELT, best Crimson.

OUR DOROTHY received first premium on 100 blooms against Lawson at St. Louis Show. It is a very free bloomer, has produced 1800 flowers from 1500 plants from Nov. 1st to Nov. 15th. Every grower should have it.

We have 50,000 CARNATION PLANTS,
25,000 VIOLETS growing in our houses, can therefore supply Blooms and Cuttings in quantities.

We shall be pleased to hear from you and quote prices.

SWAN PETERSON, Manager.

Mention The Review when you write.

Field-Grown ROSES

Strong 3-year old

White Maman Cochet,

\$10.00 per 100; \$90.00 per 1000.

Strong 2-year old.

Crimson Rambler,

\$8.00 per 100; \$75.00 per 1000.

Golden Veined.... Honeysuckle,

Strong 5-inch pot plants, \$30.00 per 100.

Not less than 50 plants sold at the 100 rate, or 500 plants at 1000 rate.

ISAAC H. MOSS,
Govanstown, BALTIMORE, MD.

Mention The Review when you write.

PRINCESS OF WALES VIOLETS

2 1/4 in., strong, \$3.00 per 100, \$25.00 per 1000.

CARNATIONS { Marquis \$6.00 per 100
E. Crocker 6.00 ..
Alma, new rose pink 6.00 ..
Genevieve Lord... 6.00 ..
Armaindy 5.00 ..

DRACAENA INDIVISA, from field, 18 to 24-inch, \$15.00 per 100.

VARIEGATED VINCA, field, \$4.00 per 100.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

New Sweet Pea California Blue Bells

WE GUARANTEE SAFE ARRIVAL OF PLANTS AND CUTTINGS.

It takes ahead of Blanche Ferry, but not so early by three days.
Per oz., 30c; lb., \$4.00.
New Sweet Pea, California Red Eye, per oz., 30c; per lb., \$4.00.
Asparagus Plumosus Nanus from flats per 100, \$1.75; per 1000, \$15.00
Giant of California Pansy Plants 1.00; 4.00
..... from seed beds, transplanted plants. ... 3.00

CARNATION Pips or Unrooted Cuttings.

	100	1000		100	1000
Mermaid, shell pink	\$2.00	\$18.00	Ethel Crocker, pink	\$1.00	\$9.00
Queen Louise, white	2.50	20.00	Mrs. F. Joost, pink .....	.50	4.00
Prosperity, maroon	4.00	38.00	Triumph, pink .....	.50	4.00
Morning Glory	1.75	12.50	Flore Hill, white .....	.50	4.00
Egypt, maroon	2.00	15.00	The Marquis	1.50	12.50
Bon Homme Richard, white	2.00	18.00			

We prepay all charges to every part of the United States at above prices. If not satisfactory return at our expense at once and get your money back by return mail. 100,000 Rooted Cuttings of Carnations ready later. Let us estimate your wants. Also 100,000 Pansy Plants ready now. We can supply Pansy Plants all winter up to May 1, 1902.

MITTING FLORAL CO., LOOMIS, CAL. (Placer Co.)

Mention The Review when you write.

Burpee's Seeds Grow

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST

HAIL

For Particulars Address

JOHN G. ESLER, Secretary, SADDLE RIVER, N. J.
Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Mention The Review when you write.

CINCINNATI

Various Items.

The market started out with a considerable shortage in all kinds of stock, but everything points to a plentiful supply for the latter part of the week. Good, cool weather with frosts every night, and the thermometer ranging between 50 and 40 degrees in the day time, is first class from a grower's standpoint and ought to stir up a brisk trade. During the past week there was an enormous supply of mums, both large and small, and as trade, as a whole, was a trifle quiet, prices were not of the highest. There is a very good demand for small mums to be used in funeral work and they brought more money in proportion to their size than the larger varieties.

One of the largest and most elaborate church and house decorations ever arranged in this city was executed during the past week by Charlie Jones, of the Walnut Hill Floral Bazaar. The reason of this decoration was the wedding of the daughter of the Hon. J. B. Foraker. To say that Charlie outdid himself on this decoration would be putting it mildly. Nothing but the finest flowers that money could buy were used and in such lavish display as to astonish even those who are used to seeing the fine art examples of our eastern brothers.

On Saturday the flower market was overloaded with chrysanthemums, and as trade was light as a rule, you could get stock at your own figures at closing up time.

Now that Timothy Eaton is in shape to be cut, it is being sent in from many growers. The E. G. Hill Co. and E. T. Grave, Richmond, Ind., and C. L. Reese, Springfield, Ohio, have shipped some fine blooms.

George & Allan are now in the market with Romans and paper whites, which they quote at from 3 to 4 cents. C. J. OLMER.

POUGHKEEPSIE, N. Y.—Isaac Fricker, the veteran florist, died Nov. 13, aged 71 years. He was born in Dorsetshire, England, Oct. 8, 1830. He came to America in 1853, and for a few months was employed by William Buchanan in New York city. From there he went to Rhinecliff where he became a gardener for the late William Kelly who owned the estate which is now in the possession of Levi P. Morton. Subsequently Mr. Fricker removed to Albany and was employed as gardener by General John F. Rathbone, where he remained five years during which period he married Caroline Lamoure of Albany. In 1863 Mr. Fricker came to Poughkeepsie and formed a partnership with William Bennett. They erected greenhouses on the South Road on the north side of the entrance to the Rural cemetery. For twelve years Mr. Fricker continued in business at this place having as partners at different intervals George Stack and John Clarke the firms being known as Fricker & Stack and Fricker & Clarke. In 1875 Mr. Fricker removed to No. 635 Main street and in 1886 he bought out John Clarke and from that time until his death conducted the business alone. He was a genial, kindly man and had a host of friends.

Always mention the Florists' Review when writing advertisers.

The Mrs. E. A. Nelson

bids fair to become the commercial standard pink carnation. It is a healthy grower, a free and continuous bloomer, and it is sure to thrive wherever grown. Read the following from a prominent grower who tested one dozen plants:

HARTFORD, CONN., Nov. 7, 1901.
S. S. SKIDELSKY, DEAR SIR: The plants of Mrs. Nelson carnation you sent me for trial did splendidly in the field and have made rapid growth since housing at the present time showing from 4 to 6 buds to a plant, not counting a considerable number I cut off a month after housing. There is also a mass of strong shoots coming up, which being in different stages of growth, compel me to consider it a continuous bloomer. I will further say, that I think for habit of growth, length of stem, rapid growth and absence of disease it is the best one I have ever grown.
Very truly,
GEO. S. OSBORN.

PRICES
Per doz., \$2 50; 25, \$3.50; 50, \$6.00; 100, \$10.00; 1000, \$80.00.
250 GO AT 1000 RATE.

SEND FOR DESCRIPTIVE CIRCULAR.

S. S. SKIDELSKY, 708 N. 16th St., Philadelphia.
E. A. NELSON, 3503 N. Senate Av., Indianapolis, Ind.

Mention The Review when you write.

Queen Louise Carnation.

Being sold out of field-grown plants of this grand variety we are now looking orders for rooted cuttings for early delivery.

Price \$5.00 per 100; \$45.00 per 1000

VERBENAS

We have increased our facilities and hope to fill all orders promptly this season. 20,000 plants now ready of our 60 finest varieties. Plants \$2.50 per 100; \$20.00 per 1000 Rooted Cuttings, 60c per 100; \$5.00 per 1000.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

Field-Grown ROSES

\$1.00 per doz. 50 varieties. 1 to 3 ft. Crimson Ramblers 4 ft. and over, \$8 per 100; 2 ft. and below, \$5 per 100. Address

WM. K. NELSON, Augusta, Ga.

Mention The Review when you write.

CINERARIAS.

Magnificent strain. Took First Prize at London Horticultural Show. Transplanted, large, ready for potting, \$1.50 per 100, 400 for \$5.00; 2 1/2-in., \$2.00 per 100, 200 for \$5.00; 3-in., \$3.00 per 100, 400 for \$10. Cyclamen Persicum Giganteum, in bud and bloom; 3-in., \$5.00 per 100, \$40.00 per 1000; 4-in., \$8.00 per 100, \$70.00 per 1000. Azalea Indica just arrived—leading sorts, \$2.00 per 100.

WHITTON & SONS, City and Green Sts., UTICA, N. Y.

Mention The Review when you write.

CRESSBROOK

The Coming

PINK CARNATION

For Everybody to Grow.

Baltimore, Feb. 21, 1901, it scored 94 points, the highest of any seedling.

Cressbrook has never shown disease of any kind, and is an extra free bloomer. Size of flower under ordinary culture, 3 to 3 1/2 inches.

Orders will be delivered in rotation on and after Feb. 1, 1902, at the following prices:

12 plants,	\$ 1.50	100 plants,	\$10.00
25 "	3.00	250 "	25.00
50 "	5.00	500 "	37.50
		1000 plants,	\$75.00

C. WARBURTON,

FALL RIVER, MASS.

Mention The Review when you write.

ROOTED CUTTINGS OUR 'SPECIALTY.

We will have Rooted Cuttings from the present time until spring of the following: Pelargoniums, \$2 per 100, all named. Verbenas, all standard named kinds, 60c per 100; \$5 per 1000. Heliotropes, 14 named varieties, \$1 per 100; \$8 per 1000. Petunias, 24 varieties, \$1.25 per 100. Salvias, 5 varieties, \$1 per 100. Acoratums, 5 varieties, 60c per 100. Coleus, 24 varieties, 60c per 100; \$5 per 1000. Alyssum, \$1 per 100. Express prepaid on all except Pelargoniums. Everything is named. Satisfaction guaranteed. Cash with order. Write S. D. BRANT, CLAY CENTER, KANSAS.

Mention The Review when you write.



HITCHINGS & CO.

233 MERCER STREET, NEW YORK. GREENHOUSE BUILDING.

VENTILATING APPARATUS

HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

Mention The Review when you write.

Mrs. H. N. Higginbotham
LIGHT PINK.

CERTIFICATED—St. Louis and Chicago Florists' Clubs, Horticultural Society of Chicago.

COMMENTS.

- "Mighty pretty thing." W. N. RUDD.
- "That's my carnation." ANTON THEN.
- "Saw it at your place today. It's a good thing." MR. SKIDELSKY.
- "Fine carnation and a good keeper; add \$50 to my regular order." W. L. ROCK.
- "Send us all the Higginbotham you can spare; can keep it a week." C. E. SIEGH.
- "That's all right." C. W. JOHNSON.
- "The most beautiful in the show." THE LADIES.

TWO SILVER MEDALISTS

Free Blooming, Fancy

CARNATIONS.

Chicago Carnation Co.

Mrs. Potter Palmer
SCARLET.

CERTIFICATED—St. Louis and Chicago Florists' Clubs, Horticultural Societies of Chicago and Montreal. Report from latter place:

- "Finest scarlet seen in this place." —EXCHANGE, Mar. 9, 1901.
- At Baltimore, not for competition: "Made a good impression among the best of reds." —EXCHANGE, Feb. 23, 1901.
- "Finest carnation I ever saw." A. C. SPENCER.
- Mr. Peter Reinberg: "I think it's the best thing you've got, though Higginbotham is good." J. S. WILSON.
- Western Springs, Dec. 1900: "Crane is the finest scarlet in the Fall, though does not produce any more blooms than the Palmer, and after Nov. 20 Crane is simply not in it, either for quantity or quality. We throw Crane out entirely after Christmas." JAS. HARTSHORNE.

Mention The Review when you write.

BULBS. BULBS.....

NARCISSUS and DAFFODILS.

Special Grades for Gardens and Field Culture at very low prices.

Send for prices and samples while they can be had. Address—

AMERICAN BULB CO.,
Wholesale Bulb Growers,
PETERSBURG, VA.

Mention The Review when you write.

FINE PANSY PLANTS

\$4.00 per 1000, 50c per 100.

Chinese Primulas, 2½ in.	Per 100	\$ 1.25
Asparagus Sprengerii, 3 in.	.....	4.50
Smilax, 2½ in.	.....	1.00
Liatris Borbonica, 2½ in.	.....	3.50
Kentia Helmoreana, 3 in.	.....	12.50
Kentia Forsteriana, 3 in.	.....	12.50
Fancy Plants, 50c per 100 by mail, \$4.00 per 1000 by express.	.....	2.00
Primula Forbesii, 2½ in.	.....	2.00
Primula Obconica, 2½ in.	2.00

THE MORRIS FLORAL CO., Morris, Ill.
Mention The Review when you write.

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.
520-535 Caxton Building,
334 Dearborn Street, Chicago.

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INDEX TO ADVERTISERS.

This index covers only those having displayed advertisements. There is a host of other advertising offers in our classified ads, and they will be found there under their proper headings.

American Bulb Co.....	821	Lehman Bros.....	823
American Rose Co.....	789	Levy, J. H.....	808
Amling, E. C.....	808-809	Long, D. B.....	819
Aschmann, Godfrey.....	816	Lori & Burnham.....	824
Ball, C. D.....	818	Ludemann.....	817
Barnard, W. W. & Co.....	783	McKellar & Winter-	807
Bassett & Washburn.....	808-818	Michigan Cut.....	789
Bayersdorfer & Co.....	816	Michigan Flower	809
Becker, W. C.....	790-816	Michigan Seed Co.....	790
Beatty & Co.....	806	Miller, J. W.....	819
Berkmans Co., P. J.....	827	Mitting, A.....	819
Berger, H. H. & Co.....	790	Moninger Co., J. C.....	822
Berning, H. G.....	806	Moore Co., W. H.....	817
Brant, S. D.....	820	Morris Floral Co.....	821
Brinkerhoff & Barnett.....	822	Moss, Geo. M.....	805
Engraving Co.....	822	Moss, Isaac H.....	819
Bruno, H. N.....	809	Muro, John.....	809
Buckley Plant Co.....	821	Neilon, W. R.....	820
Budington, J. A.....	808	Neilon, E. A.....	820
Burpee, W. Allen.....	819	Niessen, Leo.....	805
Co.....	819	Palen Co.....	824
Caldwell The Woods-	809	Payne, D. W.....	816
man Co.....	809	Penneck, S. S.....	805
Chicago Carnation	821	Pennock, J. W.....	819
Co.....	821	Pittsburg Cut Flow-	805
Cincinnati Cut Flow-	808	er Co.....	805
er Co.....	808	Poehmann Bros. Co.	818-818
Classified Advs.....	810	Pollworth Co., C. C.	822
Connell, B. E.....	821	Quaker City Machine	824
Cottage Gardens.....	818	Works.....	824
Crabb & Hunter.....	807	Randall, A. L.....	808
Crowl Fern Co.....	806	Rawlings, E. I.....	806
Cunningham, Jos. H.....	821	Reed & Keller.....	790
Dietrich, A. & Co.....	823	Reagan Mfg. House.....	824
Diller, Caskey & Co.....	822	Reid, Edward.....	805
Dilke, J. L.....	820	Reinberg, P.....	808
Dorner, F. & Sons Co.....	821	Reinberg, Geo.....	790
Doyle Co., J. A.....	809	Rice, M. & Co.....	790
Dreer, H. A.....	818-824	Robinson, H. M. & Co.	807
Ehret, Fred.....	808	Roney Bros.....	816
Ellis, F. M.....	818	Salt Lake Floral.....	821
Esler, John G. See.....	819	Sands, W. B.....	817
Garland, Frank.....	809	Schmitz, F. W. O.....	789
Garland, Geo. M.....	824	Schlager, J. W.....	825
Giblin, C. W.....	790	Skidelsky, S. S.....	820
Giffin & Co.....	824	Smith, N. & Son.....	790
Gill Co., E. G.....	821	Soltan, Ch. F.....	808-807
Griswold, Mrs.....	806	Thorburn, J. M. & Co.	790
Gullett, W. H. & Sons	821	Toledo Floral.....	821
.....	821	Travis & Trading Co.	823
Hall, W. E.....	821	Vincent, J. R. & Son	823
Hancock, Geo. & Son.....	821	Waban Rose Conser-	790
Hancock, Jos.....	790	vatories.....	790
Heiss, J. B.....	819	Watkinson, G.....	820
Herrmann, A.....	790	Watkins, S. L.....	825
Hill Co., E. G.....	821	Weber & Sons.....	818
Hippard, E.....	823	Weiland & Risch.....	808
Hitchings & Co.....	823	Whilldin Pottery Co.....	822
Holton & Hunzel Co.....	820-822-824	Whitton, S. J.....	806
.....	808-816	Whitton & Son.....	820
Hunt, E. H.....	808	Wieter Bros.....	816
Johnson & Stokes.....	806	Wilcox, J. W.....	824
Kaating, W. F.....	789	Wilks Mfg. Co.....	824
Kellogg, Geo. M.....	809	Withold Co., Geo. B.....	817
Kennett Bros. Co.	806	Wolf, J. J.....	809
Kentucky Tobacco	806	Young, J. W.....	809
Product Co.....	822	Ziegler Filter and Pot-	822
Erck, W. C.....	823	tery Co.....	822
Kroschell Bros. Co.....	824		
Kuchen, C. A.....	806		
Kuhl, Geo. A.....	806		
Lager & Hurrell.....	790		

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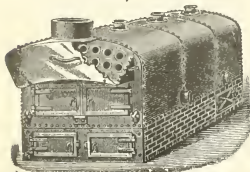
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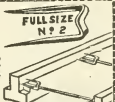
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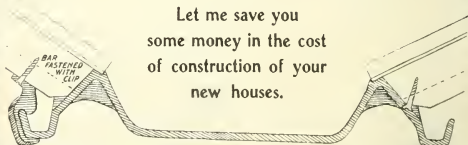
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