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H. C. Shields.

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# Royal Palm Nurseries

U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D. C.



Reasoner Bros., Oneco, Fla.

1908

# ROYAL PALM NURSERIES CATALOG, 1908.

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## Remarks.

a. **In our peculiar climate**, at the door of the tropics, with admirable sandy, mucky and peaty soils of various qualities, plants of many climes thrive wonderfully, and we are enabled to grow finer plants than can possibly be raised farther north (even under glass) or in the heavy soils and violent weather of the torrid zone.

**It has been repeatedly proved** by cultivators in the North—both amateurs and commercial florists—that our **naturally-grown** plants (those produced without fire heat) are absolutely more vigorous, better rooted, and healthier than those grown under artificial conditions from their start; hence are more likely to succeed under greenhouse culture, or in the living room, than weaker stock from hothouses.

b. **We are so near to the great centers of population** of the States that disseminating our stock is rendered easy and certain, shipments both small and large being quickly delivered without loss or delay. Having excellent shipping facilities by the various gulf steamship lines, we are also in constant touch with the West Indies, Mexico and South America.

c. The system of packing used here is as near perfection as our extensive experience can teach. **We ship safely to all parts of the world** and export **hundreds of thousands** of plants and trees yearly. No one need be afraid to order stock from us at any time; if the season is not right for forwarding goods when purchased, we always hold stock until proper weather conditions, or season, permit safe shipment.

d. **We trust and hope** that our Catalog will prove a useful guide and reference book for the purchase and selection of plants, and will gladly send additional copies to your friends.

**Our Annual Catalog** is prepared during the autumn, and is ready for distribution after November. To each customer of previous months or years a copy is mailed in November, December or January. If ever you fail to receive one, send a postal request, when we will at once forward one or more copies, as you may desire.

A select list of plant enthusiasts whom you think might order from us would be vastly appreciated, and in return we will gladly reciprocate by gifts of plants.

**Location.** Oneco is south of the Manatee river, 4 miles from Manatee, 5 miles from Bradentown (the county seat of Manatee county) and 40 miles south of Tampa, on the west coast of Florida. This locality has been greatly favored by nature and is settled with a very progressive, cosmopolitan people who are glad to welcome newcomers. The Seaboard Air Line Railway and various lines of the Gulf and coast give excellent service. The main nursery is one mile from Oneco station.

f. **Orders are promptly filled** usually the day of their receipt, and always as quickly as possible.

g. **By the recommendation** of our stock to your friends, you will do both us and your friends a favor, and we shall be glad to send valuable plants for your trouble.

**This Catalog** is designed to contain the very best information about all sorts of plants and trees (truthful descriptions without undue praise,) that it is possible to put into the limited space, so please do not throw it lightly aside. If you are not personally interested in our stock, be so kind as to hand it to some one who may appreciate it, and accept our grateful thanks.

i. **We cheerfully reply to all queries**, but request inquirers to ascertain first if this Catalog does not answer their questions. We have compiled it to meet every possible inquiry, and to save trouble both to ourselves and our customers.

k. **In conclusion** we wish to say that we are anxious that all stock we send out shall live and flourish, and that all of our patrons shall be fully satisfied with their purchases. Should there be any dissatisfaction, we wish to be promptly informed of it, so that we may be permitted to do justice to our customers and ourselves.

**We aim to treat all our customers as our friends**, and our guarantee of complete satisfaction has no limit. We are always ready to cheerfully correct any error.

The recipient will do us a favor, if this catalog is not wanted, by handing it to some interested party.

1883

1908

## ANNUAL CATALOG

## Royal Palm Nurseries

For 1908

## PERSONAL

*To our Customers; past, present and future, Greeting:*

**T**HE year 1908 completes a quarter of a century of nursery experience for us; a period of hard work on the writer's part, starting from the time he left school—and with “no let up” in sight!

During this time we have learned by *actual experience* how to grow a multitude of plants and trees and how best to pack them to carry safely to our customers all over the world. It may seem egotistical to say—but the fact remains—that we know how to pack stock to ship around the globe, and we have never seen or heard of a packer that can approach our record. We can refer to very many testimonials from all parts of the world covering this statement. Now isn't this an achievement? If you don't believe this true just send in your order and get a living demonstration.

Since 1888 the writer has been the only member of the firm of Reasoner Brothers, (the death of Pliny W. Reasoner occurring September 17th, 1888) but now announces Reasoner Brothers, junior, who are commencing to take an interest in nursery work in their summer vacations. We have not incorporated our business, taken in any outside capital, or invited partners, nor do we expect to be forced to any expedient of this nature; on the contrary we are letting the business expand naturally—yes, slowly but surely.

In the twenty-five years we have introduced hundreds of valuable trees and plants from all over the Tropics—a work only equalled by the Department of Agriculture in its last few years, tested most of the valuable tropical and subtropical fruit trees and plants, classified almost every one of many hundreds of subjects as to their ability to stand frost—and to about what degree in the Gulf Region—learned how to propagate an endless variety of stock, brought to perfection a plan of grafting over old Citrus trees without failure, etc., and during the time furnished an enormous lot of plants to many thousands of satisfied patrons; Is not this making “two blades of grass” grow where only one grew before?

We point with pride to our many acres of thrifty nursery stock, a large area of greenhouses beautifully stocked; which result from “keeping everlastingly at it,” and to our long list of *regular* customers who order from year to year. “*We can only prosper by getting repeat orders, we can only get repeat orders from satisfied customers; you figure it out!*” (Herbert A. Chase.)

Our nurseries, groves, greenhouses and tropical orchard house will be gladly shown to any one desiring to make an inspection.

We herewith extend thanks to all our patrons of the past.

REASONER BROTHERS,

by EGBERT NORMAN REASONER.

Oneco, Florida, Autumn, 1907.

# Treatment of Plants on Arrival.

**The plants** should be removed from the package as soon as possible after they reach their destination. Should they be in the least wilted, they should be placed in lukewarm water, with the packing moss still about the roots, and in half an hour they will be ready to pot. This treatment will increase vitality and vigor, whether they be wilted or not. Large trees and shrubs from open ground may be simply "heeled-in" on the shady side of a building, the roots well watered, and if not set permanently for a week afterward, they will be all the better for it.

**Setting.** It is, of course, understood that the soil has been made in proper condition by digging, manuring, etc., and plants and trees can be set in their proper spaces at once. If plants are from pots, let them be set considerably deeper than before! If soil is still around the roots set without disturbing or removing it. **Don't try to straighten out the roots of pot-grown plants!** Plants or trees from open ground should be pruned, if necessary, and roots looked over and broken ends trimmed smooth. After setting, draw soil around and firm down thoroughly by **tramping with the feet.** Then water well, after which rake fresh soil about, shade if necessary, and mulch with straw or like material. The plant may not be stocky, so if it needs a stake do not forget to tie it thoroughly to the support given. When it is necessary to water plants outdoors, give them enough to soak down to moist soil; every few days should be often enough.

**Potting.** At first, while plants are small, use pots one size larger than they were last removed from. As they increase in size, they should be repotted when it is found that the pots are full of roots. In using small pots, it is only necessary to use a small piece of broken pot over the hole in the bottom, but when the size runs up to 7 or 8 inches, several pieces of pots, some pebbles or pieces of charcoal should be put in, that it may have ample drainage. Fill the pots with earth and plant, leaving about half an inch space to hold the water; water thoroughly, and place the plants in a sheltered position, where they will not be exposed to wind or sun, until they show signs of recuperation.

**Watering.** This is one of the most important points in the successful cultivation of all plants. During the growing season they should have enough water to keep the soil moist to the bottom of the pot, but should not be kept in a soggy state; plenty may be applied to the foliage at all times. During the winter the soil should be kept drier, and in some cases nearly or quite dry. A plant will generally show when it needs water and more are killed by overwatering than through lack of it.

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## Miscellaneous Suggestions.

**In setting out pot-plants** into the open ground, remember to set the ball of earth and roots **much deeper** than the surface; this will put the roots in moist earth, and they will "take hold" quickly. Don't try to **straighten out** such roots, but simply let them stay intact. Pot-plants grown in stiff clay ought to have the clay washed off before setting in sandy or loamy soil.

**As to time to order:** We ship plants every week of the year. Pot-grown stock may be safely sent any time, and a great deal of open-air stuff also. We strongly recommend transplanting and shipping tropical stock during **warm weather**, no matter where the purchaser may live.

**Citrus Trees** are best handled during November and December, when dormant. By setting then they will be established before the dry season comes, and hence save care and watering. Their future growth will be stronger and healthier than if set in the spring, or heat of summer.

**Deciduous stock** is best set in late autumn or winter. See notes about this matter at ends of each department of this Catalog.

**During Spring, Summer and Autumn** we can send large shipments by freight, but in cold, freezing, winter weather express only would be safe. By mail we send to southern points all the year, but to extreme northern places, plants ought not to be posted in winter.

**Remember to keep the temperature** of the conservatory or the room devoted to plants at an average degree of warmth, and as moist as possible. Avoid extremes, or drafts of cold air.

**Plants infested with insects**, if in pots and not too large, are easily and safely cleaned by holding them ten seconds in warm water. Quick-growing or succulent-leaved plants should be immersed in water at 125 to 130 degrees. Those with tough leaves, like palms, orange trees and kindred subjects, should be immersed in water from 130 to 140 degrees. This kills all insect life if thoroughly done. Large plants only slightly infested may be hand-cleaned by using a small, stiff brush. If the insects are too numerous for this, recourse must be had to fumigation, or to spraying. Every one interested in horticulture should possess a copy of Professor Bailey's "Horticulturist's Rule Book," published by The Macmillan Company (procurable at any book store), in which may be found all needful information as to insecticides, fungicides, plant diseases, and a great amount of useful knowledge about plants, trees, etc. We recommend to every plant-grower a thorough perusal of at least one good gardening paper or magazine.

**Please do not order stock not listed by us.**

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### PLEASE NOTICE

Wishing to get in touch with purchasers of plants everywhere, we should esteem it a favor if our customers would send a short list of people likely to buy of us. In return for the trouble we agree to send plants in addition to those ordered by our patrons. A list of plants may be sent us as a guide in selection.

# Please Read Carefully these few Business Rules.

**J**USTICE to our customers as well as to ourselves requires that we should ask careful attention to the following preliminary notes. Their appreciation will remove any occasion for misunderstanding, and aid in maintaining the pleasant relations with customers so much to be desired by all business men.

1. **We use every possible precaution** to prevent mistakes in the nomenclature of plants, and never intentionally send out a plant under a wrong name; but as we are receiving seeds and plants from different collectors all over the world, we cannot guarantee all plants true to name, as it is impossible under the circumstances. This is particularly applicable to plants of recent introduction from foreign countries.

While we exercise the greatest care to have our plants true to label, and hold ourselves prepared, on proper proof, to replace any that may prove otherwise, we do not give a warranty, expressed or implied, and, in case of error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than was paid for them.

2. **As to packing:** We are constantly improving on all systems of packing stock, whether by mail or freight, and have materially reduced weight of boxes for express shipment, now using very thin but sufficiently strong material. It is best, in most cases, to ship by express rather than freight, and our customers will appreciate the lower rates now in force on all our shipments—20 per cent less than on other goods. Trees and plants travel safely by freight during warm weather, except certain soft-wooded or tender-foliaged plants. We ship to all parts of the world, and in almost every case plants go through safely. No matter where you live we can forward stock to you safely, and will take pleasure in getting lowest rates, or other information desired. We shall use our best judgment when forwarding stock, whether by express or freight, working for the best interest of our customers, as to safety of delivery and least cost. We make **no charge** for proper packing, and deliver goods to the various transportation companies free. **We cannot afford to fill orders for less than \$1** when sent by express or freight.

3. **After delivering goods to the carriers,** we cannot hold ourselves responsible for any loss or injury to trees or plants which have been carefully packed and shipped; but we shall do everything in our power, if any loss should occur, for the protection and recovery of our customers' property. If any mistakes are made in filling orders, we shall carefully rectify the same, but must respectfully request a prompt notification on receipt of goods.

4. **Plants by mail:** We send small specimens by mail to all parts of North America and West India Islands. Our system of packing is a simple yet safe one, and we are constantly receiving testimonials showing safe delivery in growing condition. Packages are safely sent, by Parcels Post, to Mexico, West Indies, etc., up to 11 pounds weight. Our success in mailing plants is phenomenal, yet you can be sure that if any improvement is possible in forwarding plants, we shall adopt it. Try our way, if you wish plants by mail, although we urge buyers to order goods by express instead except to most distant Pacific coast points, as it is to their advantage in most cases. It is manifestly impossible to ship as large specimens by mail as by express, but our selections will be found of unusually good size and in a healthy condition.

A. **Unless otherwise stated,** all plants of **mailable size will be sent postage paid, at Catalog rates, to all points in the United States, Cuba, Porto Rico, and Hawaii.**

B. **To Canada, Mexico, West Indies, and all other foreign territories or countries, 10 per cent. (one-tenth) extra must accompany each order.**

C. **No order filled by mail for a less amount than 50 cents.**

5. **Terms strictly cash with the order.** As we do business over such an immense extent of the world, selling at low rates, it is impossible to give credit to any one. When desired, we will send goods by express C. O. D. provided one-half of their value accompanies the order.

Remittances may be made by Postoffice Money Order on Oneco, Fla., cash in Registered Letter, Express Order, Bank Check or Draft. Money sent in unregistered letters (currency) is at the sender's risk and is an unsafe way to remit. **Stamps will be accepted only when properly folded in waxed or oiled paper to prevent sticking.** Paraffine paper may be obtained cheaply and it is an imposition on any firm to send stamps without this protection. **Foreign Postoffice Money Orders** should be drawn on **Bradentown, Florida.**

6. **Applying Prices.** Not less than six of a sort will be sold at the dozen rate, nor 40 at the 100, nor 400 at the 1,000 rate.

7. **In ordering,** please state whether **substitution** will be permitted, as we feel at liberty, when no instructions accompany the order, to replace with other sorts as nearly similar as possible. Those not acquainted with the different varieties will do well to leave the selection to us, as we shall send them only such as we know to be adapted to their locality. **A list of second choice,** accompanying each order, would be appreciated by us.

8. **Special Discounts on stock by express or freight.** Orders amounting to \$2.25 at list prices will be filled for \$2.00; \$3.00 for \$2.60; \$4.00 for \$3.00; \$5.00 for \$4.00. And all above this in proportion of 20 per cent. discount (or one-fifth) off list prices. **No discount allowed on goods by mail,** as we pay postage and deliver free.

9. **We always send receipt for money;** so if one remits us and fails to get a receipt in a reasonable time, he should look up original order, ascertaining if it had been properly posted; if the letter had been sent us, then write stating necessary details. We get orders frequently with no name attached.

10. **This present Catalog abrogates** all previous terms, conditions and prices. Dealers, or others desiring to buy in quantity, will be given special prices for large lots, on application.

11. **To those getting up club orders,** we make special terms; after allowing such discounts to each party as our Rule 8 enumerates, the club raiser may select extra plants to the value of 10 per cent. of the gross total amount. For instance, if Mrs. A sends us net orders for Mrs. B of \$2.00; for Mrs. C. of \$3.00; for Mrs. D of \$1.00; for Miss E of \$5.00; for Miss F of \$3.00—a total of \$14.00—she is entitled to \$1.40 worth of plants, and it is usual for the club raiser's collection to be sent free, the other parties paying express charges pro rata. All orders packed separately and shipped in one case.

# I. Tropical Fruit Plants and Trees.

In this section will be found only plants that are strictly tropical, and which are injured by frost. Some of them, being more vigorous than others, very readily grow again into bearing size, if frozen. Among these may be especially mentioned Guavas, Surinam Cherries, Pineapples, Bananas and Avocado Pears, all of which are grown far above the "frost line," being able to withstand considerable white frost, but no hard freezing.

**Explanation of "starring" in this section:** \*, Adapted for growth in restricted positions, as in conservatories, or under lath-protected plant sheds, in Florida and California. \*\*, Suitable for warmest portions of Florida, very large conservatories, or tropical regions. \*\*\*, Suitable for growing in the lake region of South Florida outdoors.

All named sorts are, of course, suited to frostless regions. Nearly all are pot-grown, enabling one to set stock at any time desired.

## ABERIA

**A. Caffra.\*Kai-Apple of Natal.** A spiny shrub bearing acid fruits, used for preserving. May be used as a hedge plant. 2-year, pot-grown, 20c each, \$2.00 per doz.; 3-year, 35c each.

**A. Gardneri.\* From Ceylon.** 1-year 25c each; 2-year or older, large, 50c each.

## ACHRAS

**A. Sapota.\* The Sapodilla. (Spanish-Zapote.)** A broad-leaved evergreen tree of the West Indies. Fruit may be likened to a rich russet apple in size and appearance, but very sweet. Fine 2-year, pot-grown, 20c each, \$2 per doz.; 3-year, 35c each, \$3.50 per doz.

**St. Croix.** A white-fruited sapodilla of the finest known quality. 2-year old, 35c each, \$3.50 per doz.

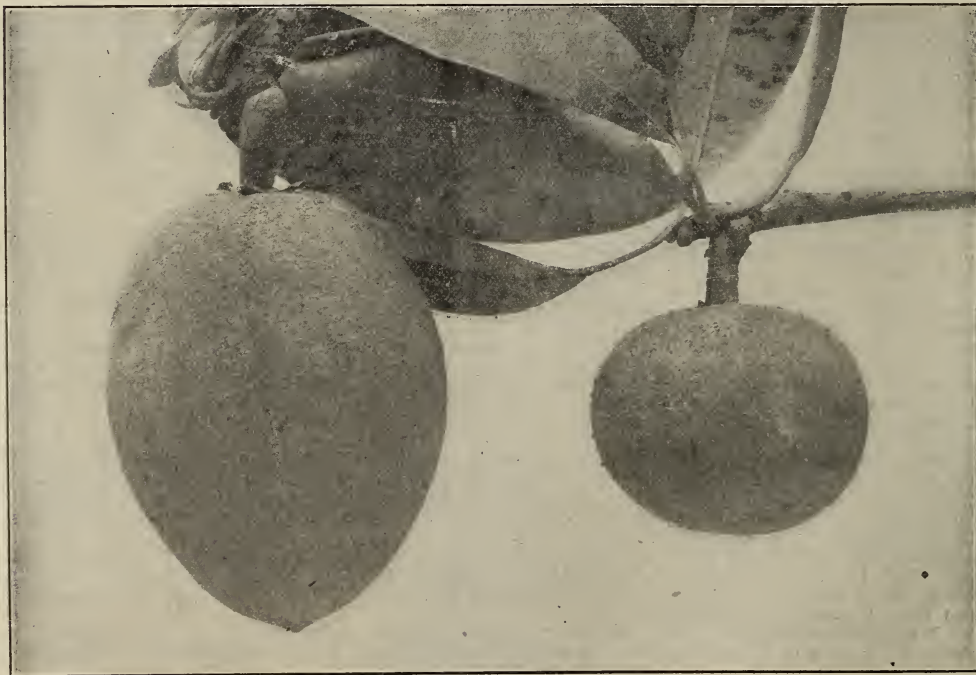
The seed or nut is roasted for food; also used for various purposes, as flavoring wine, chocolate, etc. 1-year, pot-grown, 35c each, \$3.50 per doz.

## ANANASSA

**A. sativa.\* Pineapple (Spanish-Pina)** Suckers are largest plants, which will bear usually about a year after planting. Slips are the main source of supply in most varieties, and bear eighteen months or two years from planting. We quote both suckers and slips where available. Write for price per thousand. These may readily be fruited in a large pot, or tub.

**Abachi.** Large fruit of very sweet flavor. Only a fair shipper. Rooted suckers, 15c each, \$1 per doz.

**Egyptian Queen.** A favorite sort for home use, being rich and sweet, and easily grown. Medium



Sapodillas of two forms.

## ANACARDIUM

**A. occidentale.\* The Cashew Nut. (Spanish-Maranon.)** A very curious fruit (having the seed at one end outside of the fleshy part,) which is sometimes called Cashew Apple, and varies in size from 1 to 3 inches in diameter; white, red or yellow in color. It is acid and eatable.

size; yellow flesh; plant rather small and one of the best for growing under glass. Slips 10c each, 50c per doz. Rooted suckers 15c each, 75c per doz.

**Pernambuco.** Considered generally as the finest flavored variety grown. Fruit small to medium sized. Rooted plants 25c each, \$2 per doz.

**Porto Rico.** The largest sort grown commercially, frequently reaching ten to twelve pounds each. Light flesh, very juicy, fair flavor. Rooted plants 15c each, \$1 per doz.

**Red, and Green Ceylon.** Two forms of a very delicious kind, only lately introduced into Florida. Rooted plants 20c each.

**Ripley.** An old variety, but now seldom grown in Florida. Fruit very fine. Rooted plants, 20c each.

**Red Spanish.** The ordinary common sort, shipped everywhere and well known. If shipped green is poor, but well-grown and left to ripen on the plant, is a fair sort of easiest culture. Slips 10c each, 50c per doz. Suckers 15c each, 75c per doz.

**Smooth Cayenne.** This is a favorite sort, without spines on the leaves, and is thus easily handled. Fruit large and exceedingly fine, yet a good shipper. Suckers, 15c each, \$1 per doz.

**Variegated Smooth Cayenne.** Both ornamental and useful. Strong plants, 50c and 75c each.

### ANONA

**A. Muricata.** \* \* **Sour Sop.** (Spanish-Guanabena.) A large, green, prickly fruit 1 to 5 pounds in weight, containing a soft, white, juicy pulp. A favorite West Indian fruit, much used in making a cooling drink with sugar and ice-water. 1-year pot-grown 15c each, \$1.50 per doz.; 2 or 3-year old, 25c each, \$2.50 per doz.

**A. Palustris.** \* \* **Alligator Apple or Cork Wood.** 3-year, pot-grown, 35c each.

**A. reticulata.** \* \* **Custard Apple, or Bullock's Heart.** A famous tree from Jamaica and other West India Islands, of 15 to 20 feet; spreading habit. Fruit as large as an orange, 4 inches in diameter, brownish-yellow when ripe; pulp yellowish white, very aromatic and usually well liked. Seeds dark brown, numerous. Fine pot-grown, 1-year, 15c each, \$1.50 per doz.; 2-year, 35c each, \$3.50 per doz.

**A. squamosa.** \* **Sugar Apple.** (Spanish-Anon.) The best known of all Anonas, and the earliest to bear from the seed. Fruits small but good, easily produced in South Florida and California with the slightest protection from frosts. The fruits resemble miniature pineapples, minus the crowns. 1-year pot-grown, 20c each, \$2 per doz.

### ANTIDESMA

**A. Bunius.** \* \* From Java and neighboring islands. "Furnishes small, fleshy, berry-like fruits, of a bright red color, ripening into black; they have a sub-acid taste and are chiefly used for preserving." Pot plants \$1 each.

### AVERRHOA

**A. carambola.** \* The **Carambola** of insular India. A small tree with evergreen compound leaves, small purple flowers and five-angled fruits about three inches long. Pot-grown, \$1 each.

### CARICA

**C. papaya.** \* **Papaw.** (Spanish-Papaya.) A magnificent plant, after the style of the well-known castor-bean, having 7-lobed leaves, palmate and terminal like a palm. This plant is dioecious, and it is impossible to select the female from the male seedlings until they bloom. The fruit is from 6 to 12 inches long and 4 or more inches thick, somewhat like a muskmelon. The juice of the fruit, or the macerated leaves, if rubbed on animal flesh, make it very tender. Pot-plants, 20c each, \$2 per doz.; extra large, 30c each.

### CARISSA

**C. acuminata.** \* Somewhat resembles the following species. New. Pot-grown, small, 25c each.

**C. Arduina.\* Amatungula, or Maritzgula** of Natal. A choice evergreen shrub, rather hardy, with thick, camellia-like leaves; very glossy. Flowers are large, fragrant, white, and borne profusely. The fruit is dark red, 1 to 1½ inches long. Sub-acid in flavor, and has a papery skin and a few small seeds. Pot-grown, 25c each, \$2.50 per doz.

### CASIMIROA

**C. edulis.\* \* White Sapota.** (Spanish-Zapote blanco.) of Mexico and Central America. The fruits are about the size of a Mandarin orange, and of a delicious peach-like taste. Thrives in South Florida. Pot-grown plants from the finest selected fruits, 2-year, 25c each, \$2.50 per doz.

### CHRYSOBOLANUS

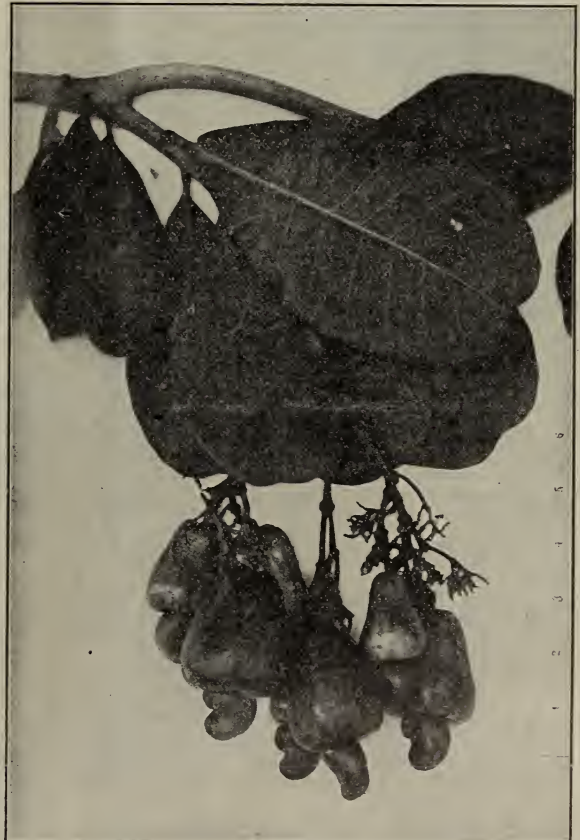
**C. niger.\* Black Fruited Cocoa Plum,** from the Isle of Pines. A very ornamental evergreen, with glossy leaves. It makes a large shrub and bears a profusion of plum-like fruits, mostly ornamental. Pot-grown, 2-year, 25c each.

### CHRYSOPHYLLUM

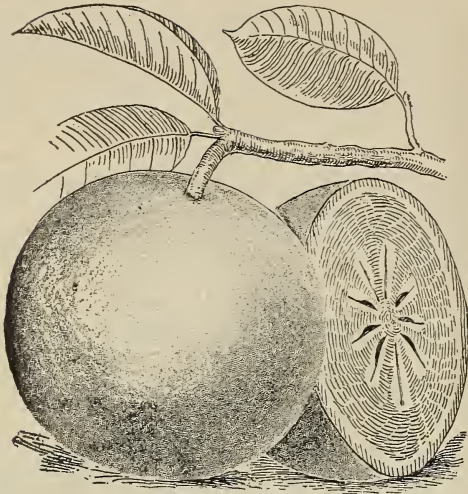
**C. Cainito.\* \* Star-Apple.** (Spanish-Cainito.) A handsome tree, 15 to 25 feet high, evergreen, bearing fruits 2½ to 3 inches in diameter, of peculiar though agreeable flavor. Leaves are pointed, 4 to 6 inches long, dark green above, satiny brown beneath, and very handsome. 1-year, pot-grown, 15c each, \$1.50 per doz.; 2-year, 25c each, \$2.50 per doz.

**White Star-Apple.** 2-year, 25c each, \$2.50 per doz.

**Brown Star-Apple.** 2-year, 25c each, \$2.50 per doz.



Cluster of Cashew Apples, Showing Nuts.



The Star-apple.

**CICCA**

**C. disticha.** \* \* The Otaheite Gooseberry. A tree with magnificent foliage, and white, waxy-looking fruit; very acid. 2-year, pot-grown, 25c each.

**COCOS**

**C. nucifera.** \* \* Coconut. (Spanish-Coco.) See Palms and Cycads, Department VII.

**COCCOLOBA**

**C. uvifera.** \* Sea Grape or Shore Grape of the West Indies. A low, bushy tree, with roundish leaves, having prominent red veins, making an elegant appearance. Pot plants, 25c each.

**CUPANIA**

**C. sapida.** \* \* Akee Tree of West Africa, but now naturalized in the West Indies. The rich red fruits are considered poisonous when raw, but are wholesome when cooked. Tree attains a height of 30 feet, and has large, compound leaves. Pot-grown, 40c each.

**EUGENIA**

**E. Jambo.** \* \* Rose Apple. (Spanish-Poma rosa.) A quick growing tree, reaching a height of 25 to 30 feet, evergreen, with leaves resembling the oleander in shape and size. New growth is wine-colored. Flowers large, creamy white, followed by white or yellowish fruits 1½ to 2 inches thick, with occasionally a tinge of bluish-pink on one side. Fruit is rose-scented; has the flavor of an apricot. 1-year, pot-grown, 15c each, \$1.50 per doz.; 2-year, 25c each, \$2.50 per doz.; 3-year, 35c each, \$3.50 per doz.

**E. Malaccensis.** \* \* The Malay Apple. A large, vigorous-growing tree, with broad evergreen leaves. The fruits are white and pink, somewhat bell-shaped, about three inches long, and taste something like the rose-apple. Pot-grown, 50c each.

**E. Micheli.** \* \* \* and \* Surinam Cherry, or Cayenne Cherry. (Spanish-Pitanga.) This is a valuable shrub for Florida and South California, as it stands considerable frost, and produces quantities of luscious, cherry-like fruits, about an inch in diameter, or larger, bright red, agreeably acid. Makes the finest jelly. The shrub is evergreen, with glossy leaves, and is a handsome pot shrub, bearing in a small size readily. A good house-plant. For open-air growing, the plants may be set 6 or 8 feet apart. 1-year, pot-grown, 10c each, \$1.00 per doz.; 3-year, 25c each, \$2.50 per doz.

**Black Fruited Surinam Cherry.** Similar to preceding, except in color; thought by some to be sweeter and better than the Red. 2-year, pot-grown, 25c each, \$2.50 per doz.

**FICUS**

**F. glomerata.** \* \* Cluster Fig. East Indies and Queensland. In India the fruit is eaten both raw and stewed, while the leaves are used for fodder for cattle. It is a very quick-growing tree, evergreen. 1-year, pot-grown, 20c each, \$2 per doz.; 2-year, 30c each, \$3.00 per doz.

**F. sapida.** \* \* Introduced by us from Costa Rica. Said to bear delicious sub-acid fruit, continuously. 1-year, pot-grown, 25c each, \$2.50 per doz.

**GENIPA**

**G. Americana.** \* Marmalade Box. A small tree of tropical America which produces the Genipap fruit, size of an orange, succulent, and of an agreeable flavor. 2-year, pot-grown, 25c each, \$2.50 per doz.; 3-year, 40c each, \$4 per doz.

**HARPEPHYLLUM**

**H. Caffrum.** \* Kaffir Plum; a new acquisition from South Africa. Pot plants, \$1.00 each.

**LUCUMA**

**L. Mammosa.** \* \* The Mammee sapota of the West Indies. (Spanish-Mamey, Mamey Colorado.) A large tree, producing oval fruits from the size of a goose-egg to that of a muskmelon; one large seed in the center. The fruit is sliced and eaten like a muskmelon, but without any seasoning or condiments. The pulp has a rich, sweet pulp. Large, pot-grown, 40c each, \$4 per doz.

**L. Sp. No. 3.**—From South Cuba. Undescribed. Pot-grown, 35c each; \$3.50 per doz.

**L. serpentaria.** Also from Cuba. This and preceding species are of doubtful fruit value. Pot-grown, 75c each.

**MACADAMIA**

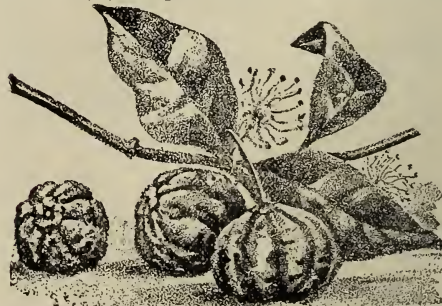
**M. ternifolia.** \* \* The famous Queensland Nut. An Australian tree having evergreen compound leaves, (but slightly resembling a chestnut tree) and bearing delicious nuts about twice the size of filberts. The flavor is sweet and first-class, making a large demand for the market. A great subject for the West Indies. Pot-grown plants, \$1.00 each.

**MALPIGHIA**

**M. glabra.** \* The Barbados Cherry. (Spanish-Cerezas de Barbados.) A beautiful, small, evergreen tree, bearing quantities of delicious acid fruit, resembling the Surinam Cherry in color and general appearance. It is highly prized in its native home, the West Indies. Pot-grown, 25c each, \$2.50 per doz.

**MAMMEA**

**M. Americana.** \* \* The Mammee Apple or St. Domingo Apricot. (Spanish-Mamey de Santo Domingo.) A tall tree with oval, shining leathery leaves, and bearing large, round, brown fruits, 3 to 6 inches in diameter, containing one to four rough seeds. A taste for the delicious sub-acid pulp does not have to be acquired. It is eaten raw alone, or cut in slices with wine, or sugar and cream and also makes a delicious canned preserve. Large, pot-grown, 50c each, \$5.00 per doz.



Surinam Cherries.



A Cluster of Mangos.

**MANGIFERA**

**M. Indica.** \* \* **Mango.** One of the most delicious and valuable of Indian fruits; this has proved adapted to our sandy soil, and does remarkably well. Hard freezes, of course, will kill the tree back to the roots, when the trunk should be cut back at once to sound, live wood. There is a possibility of an occasional cool winter only, and we advise their planting in well-protected lands all over South Florida. The best soil is high, well-drained, sandy land, suitable for the orange, but this tree thrives on black-jack, scrub and spruce-pine lands, where most other trees are a failure. The tree is very handsome having long, linear leaves six or more inches in length, with wine-colored new growth. Flowers are produced in spring at ends of the branches, inconspicuously, and the fruit is produced on healthy trees in great abundance. It is a tree quite easily fruited under glass or other plant houses, either in tubs or in the open ground. The culture is so easy and the fine varieties we offer are so very desirable that we hope no South Florida home will be without Mango trees. Enthusiastic Mango-lovers are invited to see our orchard, where we have many kinds in fruit, and are also growing the famous varieties of India; trees of many rare sorts priced on application. Our grafted trees are inarched as low as possible on small stocks, making a perfect union. Set these trees sufficiently deep that the base of the union will be under the surface; this will necessitate setting the ball of roots and soil about six inches deeper than before; the tree makes a new system of roots immediately and does perfectly.

**Black, (or "Green-gage").** A delicious Mango from Jamaica, where it is considered their best sort. Small to medium size; regular oblong; green, with numerous black spots on the skin. Pulp with exceedingly fine fibre hardly noticed, of a yellow color, and spicy, sweet flavor. Grafted plants, \$1.50 each. Seedlings, 1-year-old, 25c each. (All pot-grown).

**Mulgoba.** One of the famed Indian Mangos. Of exquisite flavor, large size (shaped like a beef-heart) and without any objectionable fibre. By cutting off the skin at the side, the pulp may be eaten with a spoon. Grafted or budded stock, pot-grown only, \$2.50 each.

**Number Eleven.** A variety from Jamaica, but originally from the East. A spicy-flavored sort, with almost unobjectionable fibre (very fine) and of good, large size. The shape is slightly oblong; round, not flat, and in color usually a yellow or green, but we have one tree, out of nearly three dozen bearing specimens, which has a highly colored red cheek, rendering it a very valuable market sort. Grafted plants of the **Red No. 11**, pot-grown, \$1.50 each. Seedlings, 1-year-old, 25c each.

**Imported East Indian Sorts.** The following new sorts from India can be supplied in grafted pot-grown specimens at \$5.00 each. **Gopal Bhog, Ennuria, Strawberry, Arbutnod, Cambodiana, Bennett ("Alphonse"), Gordon, Rajpury, Amini, Mulgoa.** Will rave other sorts ready a year hence.

**Seedling Mangos.** From mixed fruit, of all kinds, 1-year, pot-grown, 20c each, \$2.00 per doz.

**MELICOCCA**

**M. Bijuga.** \* \* **Spanish Lime, or Ginep. (Spanish-Momocillo.)** A West Indian tree, with peculiar compound leaves with winged petioles, much resembling those of *Sapindus saponaria*. Of slow growth, but attains a height of 30 feet. It produces a yellow, plum-like fruit, with a very pleasant grape flavor. The seed can be roasted and eaten like the chestnut. Bears profusely. 2-year, pot-grown, 25c each, \$2.50 per doz.; 3-year, 40c each, \$4 per doz.

**MONSTERA**

**M. deliciosa.** \* \* **The Ceriman of Trinidad.** A rare and celebrated fruit-bearing aroid plant. The large leaves are handsome and the plant is grown for decorative effect. The fruits are something like green pinecones, about six inches long, with easily detached skins; the flavor is described as delicious indeed, "resembling a cross between a pineapple and banana, but better than either." Pot-grown specimens, \$2.50 each.

**MUSA**

**The Banana.** This is one of the grandest decorative fruit plants known. A plant that is grown throughout the tropics, bearing in lavish profusion most delicious fruit. At the present day the fruit is found in nearly every market in the world, no matter, seemingly, how distant from the tropics. The plant is already being grown to a limited degree in northern climates, and well it may, as it is as easily raised as the well-known canna, and the tropical effect of its growth is remarkably grand. With leaves often 2 feet wide and 8 feet long, it is destined to be largely planted on lawns.

Young plants may be started at any season of the year, provided they are kept in sufficient heat—say not less than 70 degrees by day, and 60 or 65 by night. The best time however, is early spring, when they ought to be started in pots, and then, when warm weather comes, planted out. Or plants may be transplanted directly from the nurseries, if the prevailing weather is suitable. Larger plants will be sent by express or freight than can possibly be mailed, as the roots are bulbous.

**M. Cavendishii.** \* **Cavendish, or Dwarf.** Stands but little chilling; smaller than other sorts; can be protected readily. Best for low green-houses or plant sheds. Fruit small in immense bunches, yellow. Strong suckers, 25c each, \$2 per doz.

**M. orientum.** \* \* \* **Hart's Choice, or Lady-Finger.** Of moderate size, stalks and midribs tinged with red, and stands considerable cold—not actual freezing, but low temperature. If leaves are frosted off only, the stalk usually survives, and continues growing afterward. Fruit is a clear yellow; skin soft and thin; flesh firm, yet melting and buttery in texture, with unsurpassed fruity flavor. A first-class sort and in demand. Strong suckers, 25c each, \$2 per doz.

**M. Paradisiaca, var. sapientum.\* \* \* The Horse, or Orinoco.** The hardest and commonest sort in Florida. Plant of large size, with dark green leaves. Fruit large, like a plantain; yellow; medium bunches. A good sort for cooking; especially fine if baked dry, like a potato. Excellent served with sugar and cream. Very robust and easily grown. Strong suckers, 25c each, \$2 per doz.

**Large Fig.\* \* Plant taller and more vigorous than Hart's Choice.** Fruit resembles that of Hart's Choice in shape, but is a deeper yellow color on the skin, with a salmon-colored flesh; fine flavor. 50c each, \$5 per doz.

**Martinique.\* \* The ordinary Banana of commerce, grown largely in the West Indies, Mexico and Central America.** Plant large and quite tender, standing but little cold. Not a sort for large planting in Florida. Strong suckers, 50c each.

**Red Jamaica (Barcoa).\* \* (Spanish-Guineo Morado.)** A very large variety with red stems and fruit. Formerly quite common in market, but now seldom seen. Plant is more tender than Hart's Choice. Scarce. 75c each.

**Cheue Chumpa Plantain.\* \* Our introduction from India.** Plant of immense size, plain green. Fruit medium size; few seeds; used for cooking. Is very vigorous. Strong suckers, 75c each.

### NEPHELIUM

**N. longanum.\* Longan tree of South China, a near relative to the famous Leechee.** It is commonly used as a stock to graft fine Leechees upon. It is a handsome tree with compound leaves; fruits borne in clusters; size about three-fourths inch in diameter, round, almost smooth, brittle skin; pulp semi-transparent, sweet, surrounding the large seed. Strong pot-plants, 25c each, \$2.50 per doz.; larger, 40c each, \$4 per doz.

### PASSIFLORA

**P. edulis.\* Granadilla. (Spanish-Passionaria, or Granadilla.)** A strong-growing vine, commonly grown in the tropics for the sub-acid fruit which is universally liked. Flowers very handsome; fruit purplish, the size of large eggs. Pot plants 20c each, \$2 per doz.

### PERESKIA

**Barbados Gooseberry.** See Dept. XVII.

### PERSEA

**P. gratissima.\* \* Avocado, or Alligator Pear. (Spanish-Ahuacate.)** Large brown or purple fruits, eaten in a variety of ways; with salt and pepper, vinegar and sugar, salad dressings, or for dessert with sugar and lemon-juice, or wine. Particularly nice breakfast fruit. Tree reaches a large size, and thrives best in well-drained situations.

**Cuban.** Seedlings of the best available Cuban fruits, all of large size, and handsome appearance. Pot-grown, 35c each, \$3.50 per doz.

**Mexican.** Seedlings from the finest sorts. Mexico is the native home of the Avocado, and the varieties there are exceedingly good. Pot-grown, 35c each, \$3.50 per doz.

**Named Varieties, budded or grafted, priced on application.**

### PHYLLANTHUS

**P. emblica.\* \* The Emblic Myrobalan of India.** A small tree with the most beautiful foliage, long leaves very finely compound, making a splendid ornament. The first is acid and used for preserving. Pot plants, 75c each.

### PSIDIUM

**P. araca.\* The Araca guava from Brazil.** Foliage crinkled, and in appearance something like **P. Friedrichstalianum**, which it resembles more closely in its very acid fruit, of medium size. Rare. Pot-grown, 30c each, \$3 per doz.

**P. Friedrichstalianum.\* Costa Rican Guava.** A decidedly unique Guava with foliage different from all other Guavas, which came to us as a *Eugenia* from Costa Rica. The fruits are

medium to large in size, rather thick-meated, pale yellow, with a jelly-like pulp of an exceedingly acid flavor. Makes the finest jelly either alone or mixed with other Guavas. 1-year, pot-grown, 15c each, \$1.25 per doz.; 2-year, 20c each, \$1.75 per doz.

**P. guava.\* \* and\* The Common Guava. (Spanish-Guayaba.)** The famous jelly producer, including both the round and pear-shaped fruits, pink, yellow and white-fleshed. From selected fruit, our trees will produce excellent results. We have a fine lot of seedling trees, all pot-grown, as follows:

**Sweet-fruited.** From selected fruit, for dessert or preserving. Strong pot-plants, 3-year, 20c each, \$2.00 per doz.

**Sour-fruited.** Especially selected for jelly making. Strong pot-plants, same sizes and prices as preceding; also some 2-year, 15c each, \$1.50 per doz.

**Small Green.** A very small Guava, with pale green skin and thick white flesh, admirable for preserving whole. Flavor good and sweet. Strong, 15c each, 1.50 per doz.

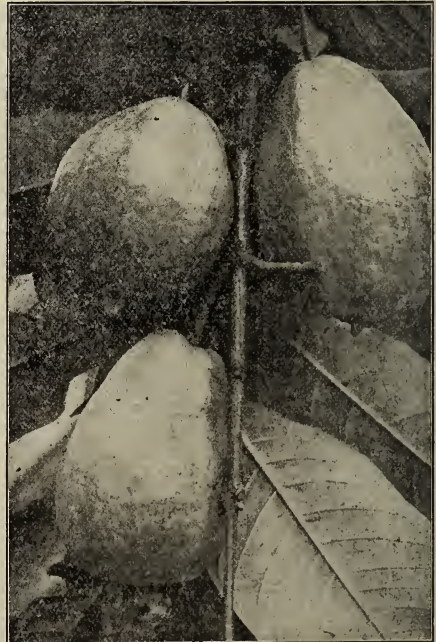
**P. molle.\* \* Sour Guisaro.** This is the largest native Psidium of Central America, forming quite a good-sized tree. The fruits are small, acid, of a strawberry flavor, and borne in from two to four crops yearly, making a clear light jelly. 2-year, 15c each, \$1.25 per doz. 3-year, 20c each, \$1.75 per doz.

**P. Guineense.\* \* Guinea Guava.** Shrub 8 to 10 feet high. Fruit large; light colored flesh, and exceedingly thick-meated. Few seeds. Very sweet. This sort has created much interest wherever the fruit has been tasted and "everyone wants it." The flesh is more commonly white, but we have seen some pink and some salmon colored. Fine pot grown plants over 1-year-old, strong, 10c each, \$1.00 per doz. Extra large, 15c each, \$1.25 per doz.

**FOR HARDY GUAVAS SEE PAGE 14.**

### RUBUS

**R. flavus.\* \* Yellow Raspberry from India. (Spanish-Frambuesa.)** The only raspberry which will thrive in Florida. Needs some protection from frost. Makes an immense shrub, and bears abundantly. Fruit yellow, fair quality. 1-year, pot-grown, 20c each, \$2 per doz.



The Guinea Guava.

**SPONDIAS**

**S. dulcis.\* \* Otaheite Apple.** A large tree from the South Seas which does well in South Florida. The leaves are compound and the fruits are large, golden-yellow drupes the size of small oranges, having a delicious, pineapple flavor. Pot-plants, 50c each.

**S. purpurea.\* \* Purple West Indian Hog Plum.** Usually considered a very good fruit. Pot plants, 50c each.

**TAMARINDUS**

**T. Indica.\* \* Tamarind. (Spanish-Tamarindo.)** A beautiful tree, with delicate, acacia-like foliage and small, pinkish white flowers, followed by pods enclosing a pleasant acid pulp; much

used preserved in sugar or syrup, as a basis of a cooling drink, and medicinally. A graceful tree for the window or conservatory. Fine pot-plants, 1-year-old, 15c each, \$1.25 per doz.; large, (2 to 3 feet high) 40c each, \$4 per doz.

**TRIPHASIA**

**T. trifoliata.\* Bergamot, or Limeberry.** A spiny shrub, nearly related to the orange, having small trifoliolate leaves, somewhat like *Citrus trifoliata*, but with small thorns. It is only a dwarf shrub, and produces an abundance of red berries, from  $\frac{3}{8}$  to  $\frac{1}{2}$  inch thick, and oblong in shape. The fruit is agreeable, and is delicious when preserved. Will stand considerable frost if protected from the sun. Small pot-plants, 20c each, \$2 per doz.

**COLLECTION OF TROPICAL FRUIT PLANTS.**

We make up collections of the foregoing plants to suit the location of our customers, sending the most suitable in every case. For the northern conservatory we, of course, send the finest in appearance, and species that can thrive under adverse conditions. We do not confine ourselves to a set list, but choose for every applicant. If the purchasers will kindly state what sorts they already have, we shall try not to duplicate them. This applies to all our collections.

**No. 1. Six distinct sorts, postpaid, \$1 No. 2. Ten distinct sorts, very fine collection, \$2.**

All Tropical Fruit Plants, with the exception of *Musa* and *Ananassa*, are **pot-grown**, making transplanting certain and easy. Set all the plants from pots 2 to 6 inches deeper than formerly, and never disturb the roots. Summer or spring planting we consider best for all climates.

**Note Rule 8, Page 3 for Discounts.**

**TESTIMONIALS FROM PACIFIC COAST**

**Note:** Owing to great agitation in California over the insects predatory on orange groves we refrain from giving names to the following testimonials. The originals are of course on file.

San Diego, California, July, 1907.—“Everything in my last order arrived in fine shape. Please send following order” etc.

San Luis Obispo, California, October, 1906.—“The plants came all right, and are beautiful. It was pretty hot weather but all look fresh and vigorous, thanks to your wonderful good manner of wrapping up.”

Santa Barbara, Cal., Jan., 1907.—“The *Arundinarias* came all right.” (A large lot.)

San Diego, California, March, 1907.—“I am more than pleased with the tropical trees you sent me, and the condition in which they arrived. Not a leaf was withered. The packing was perfect and substantiates all your claims.”

Portland, Oregon, March, 1907.—“The ferns and Iris were received in due time and in good order. I am well pleased.”

Holtville, California, March, 1907.—“Your shipment of orange trees, palms and *oleanders* received today in good condition.”

Campbell, California, Jan., 1907.—“The palms arrived in fine condition. Thanking you for attention paid to my order” etc.

Everett, Washington, April, 1907.—“I received the plants in beautiful condition, and I am very much delighted with them.”

El Centro, California, Feb., 1907.—“We were very much pleased with plants from our first order. Everything is starting in fine shape. The plants arrived in the nicest condition possible, better than any we have ever received from Los Angeles or vicinity!”

Nordhoff, California, March, 1907.—“Thank you for my very well filled order. Everything was very fresh and as the plants came in very favorable weather, they are flourishing. Thank you for handsome extras.”

Palo Alto, California, April, 1907.—“The plants came in good condition.”

Morro, California, May, 1907.—“I received ferns and am well pleased with them.”

Los Angeles, California, May, 1907.—“The plants were received all O. K. I enclose” etc.

San Francisco, California, May, 1907.—“The ferns, etc. were beautifully packed and came in splendid condition, were still nice and moist although coming such a long distance by mail. They are the largest and healthiest looking plants for the price I ever bought from any florist except you, yours have always been most satisfactory.”

Holtville, California, Jan., 1907.—“Shipment of shrubbery just received, all in good condition.”

Bishop, California, June, 1907.—“The plants shipped me arrived in good season, and are doing nicely. Enclosed find additional order” etc.

San Diego, California, July, 1907.—“The lovely crotons arrived in fine shape.”

**COLLECTIONS OF PLANTS.**

See end of each department in this Catalog for bargain lists. We make up valuable collections of choice plants at a very low price, and have given satisfaction and pleasure to hundreds of customers. If you don't know **just what you want**, let us select for you. We know what will thrive with you, and can choose from good-sized plants, which are bound to more than please you. Try them.

## II. Semi-Tropical and Temperate Fruit Trees and Plants.

**Explanation of symbols for this section:** \*, Hardy throughout the South. \*\*, Adapted to coast regions where temperature seldom falls under 20 degrees Fahr. \* \* \*, Most tender semi-tropical sorts, not being able to withstand a lower temperature than 26 degrees Fahr. without injury. **D**, Deciduous species. **E**, Evergreen.

### CITRUS AURANTIUM DULCIS.\*\* SWEET ORANGE. (Naranja.)

Our stock of Orange and other Citrus is in perfect condition and in a large supply. We are in a position to supply large lots for foreign shipment and shall be glad to hear from those desiring such at any time. We ship Citrus trees to all tropical countries safely; have sent large quantities to Mexico, West Indies, South Africa, Hawaii, etc.

Soil for Citrus trees must be of a sandy or porous friable nature, for best success. For growing these trees in pots the soil must conform to above description, and should not be too highly manured; naturally rich, well-worked soil, with a slight addition of thoroughly decayed cow manure, will make a satisfactory growth. The drainage must be perfect, so that water will freely pass through the soil. In potting trees (ours are all grown in the open ground, but have a mass of fine fibrous roots), it is only necessary to crowd roots into as small a pot as possible, ram down the soil and water well, to insure safe transplanting. We prune every tree properly before packing.

We grow the Orange on several varieties of stock, especially on the rough lemon, pomelo, sour orange and Citrus trifoliata. (These stocks are used for all Citrus.) For South Florida and the tropics we recommend the two former; rough lemon for dry and poor soils, and sour orange for low, rich land. For frosty situations and for the Gulf Coast of West Florida, Alabama, Mississippi, Louisiana, and Texas, we heartily recommend the use of the trifoliata orange as a stock. It increases the hardiness of more tender Citrus when they are budded or grafted upon it, and hence greatly extends the area that can produce these delicious and valuable fruits.

Our list of varieties is reduced to only the very best, and no one will make a mistake in planting these sorts.

Prices of Sweet Orange trees and all other Citrus except where noted, budded low on rough lemon, sour orange, and pomelo stock, all stake-trained:

Note cash discounts as per paragraph 8 on page 3.

Height.	Each.	Dozen.	Per 100
2 to 3 ft.	30c	\$3.00	\$22.00
3 to 4 ft.	35c	3.50	25.00
4 to 5 ft.	40c	4.00	30.00
5 ft. and up.	50c	5.00	35.00

Note cash discounts, paragraph 8, page 3.

Prices of all Citrus trees, budded on trifoliata stock, roots, 3-year-old, buds, 1-year,

Height.	Each.	Dozen.	Per 100
10 to 13 in.	30c	3.00	22.00
13 to 24 in.	35c	3.50	25.00
24 to 36 in.	40c	4.00	30.00

**Centennial.** One of the best. Native. Rather early, and yet holds its juice in perfection longer than other sorts. Good grower and bearer. Thorny. On rough lemon and sour orange.

**Foster.** One of the best Florida varieties originally selected by us from a celebrated grove of this county about 1886. Medium size, early, good bearer. On rough lemon, sour orange and trifoliata.

**Jafa.** Imported from Syria. Medium to late ripening. Thornless. Very heavy and rich, almost totally seedless. A grand sort, and heavy cropper. On rough lemon, sour orange and trifoliata.



A Cluster of Fine Citrus Fruits.

**Majorca.** The best and most prolific orange we offer; tree thornless, fair grower, and fruit seedless, of a distinct aromatic odor. Medium to late ripening, this splendid fruit with thin skin and delicious quality brings fancy prices every year. On rough lemon and sour orange.

**Parson Brown.** An early sort, fair quality; Florida origin. On rough lemon, sour orange and trifoliata.

**Pineapple.** A celebrated Florida orange originating in Lake county. A fruit of fine appearance, heavy, rich juice, good shipping and keeping quality, although rather seedy. A fine, vigorous grower and fruiter, of a hardy nature. Mid-season in ripening. On rough lemon and sour orange.

**Ruby.** A Blood Orange of fine quality; early ripening. Almost thornless. A good grower and heavy bearer. The favorite Blood Orange. On rough lemon and sour orange.

**Star-Calyx.** Of medium size and fair quality. The adherent enlarged calyx around the stem makes it distinctly marked. A heavy annual bearer. On sour orange.

**Tangerona.** Very early, but small. Skin deep orange-yellow. Flavor sweet. On rough lemon.

**Tardiff (Hart's Late; or Valencia Late,** as commonly grown in California). Medium size, very heavy Orange, keeping until October, with but slight loss. We have had a continuous supply of fresh Oranges from our Tardiff trees all summer and into the autumn, when early sorts commenced to sweeten. Truly a wonderful variety. The standard late variety. Is but moderately thorny, and a good grower; a good bearer. This is of special value for South Florida and tropical regions. On rough lemon and sour orange.

**Washington Navel.** But slightly thorny. Imported from Brazil. Fruit exceedingly large, with characteristic navel mark at blossom end. Seedless, and of tender, melting quality. A shy bearer usually, except when grown on rough lemon roots. This is claimed to cause it to bear abundantly; girdling the tree is also practiced successfully. (Use a saw or knife and remove one-eight to one-fourth inch of bark entirely around the trunk about two

months before blooming.) Grown on rough lemon and sour orange.

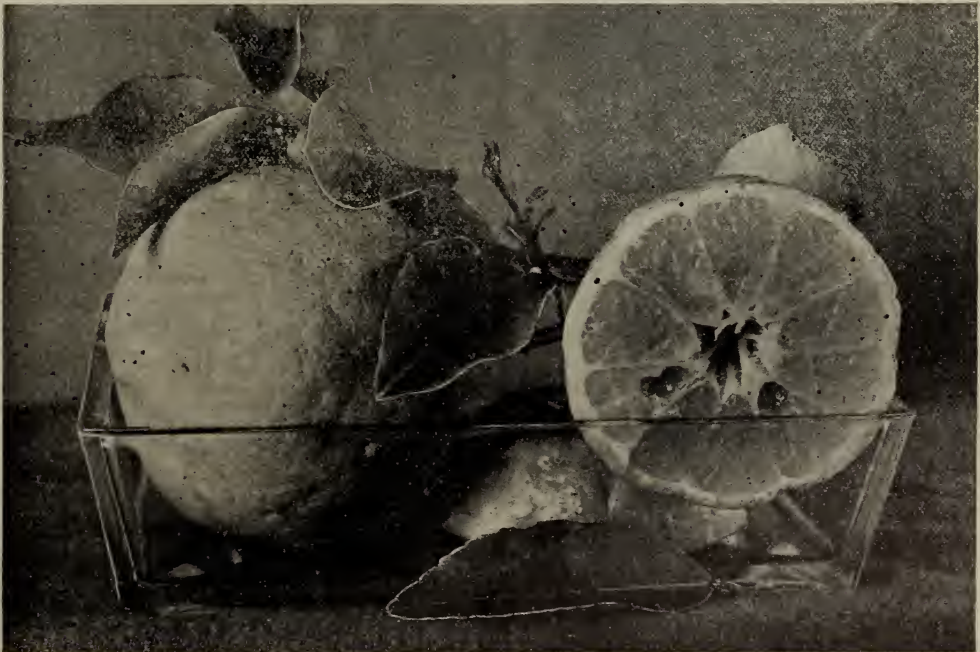
**C. aurantium nobilis\* \* E. Mandarin, or Mandarin Orange.** (Spanish-Naranja. Mandarinina.) Not so large a tree as the Sweet Orange, bearing smaller fruit, usually flattened, and with fruit segments, as well as the skin, loosely adherent, thus being easily peeled. They are very dainty and delicious, and yet are as easily produced as other Citrus fruits. They are especially adapted for growth under glass, and are easily dwarfed by working on the trifoliata stock. Prices same as for Sweet Orange.

**China. Willow-leaved Mandarin.** Small, yellow-skinned, very sweet and good. The oldest known sort. Prolific and a good grower. On sour orange and trifoliata.

**Dancy.** (Tangerine.) Larger than China; orange-red skin; fruit of best quality, not very seedy. This is the ordinary commercial Tangerine; a splendid fruit when grown on good sandy soil in a moist climate. On rough lemon and trifoliata.

**Oneco.** Our new hybrid novelty. The growth and foliage somewhat resemble the Dancy Tangerine. Has proved exceptionally hardy here, and we consider it the most hardy of all our Citrus fruits. The fruit is somewhat larger and not so flat as China, of a red color like Dancy, and with an unapproachable flavor. We deem it of sterling value, and a most promising new sort, of very vigorous habit. Ripens from January to March. On rough lemon, sour orange and trifoliata.

**Satsuma.** From Japan, where it is called Unshiu. Tree very low in habit, and having peculiar large leaves with prominent veins. Fruit is of fair quality and very early, which makes it valuable for market; rather dark orange skin, rough; nearly seedless flesh, with very silky divisions. The tree grown on trifoliata stock is very hardy and is especially recommended with the Oneco for the Gulf states. On rough lemon and trifoliata.



The Oneco Mandarin.

**Budwood** of all sorts of **Citrus trees, standard Oranges, Lemons, Limes, Pomelos, etc., 10 cts. per doz., 75cts. per 100, \$5 per 1,000, postpaid. New or rare sorts, 15 cts. and 20 cts. per doz., \$1 to \$1.50 per 100.**

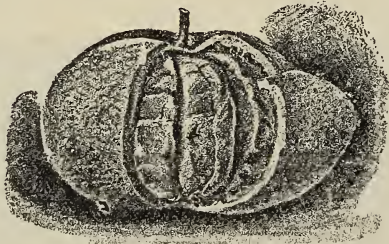
**C. Japonica.\* \* E Kumquat, or Kin Kan of Japan.** A small fruit about  $\frac{3}{4}$  to 1 inch in diameter, much used by the Orientals for preserving; this has grown to be very popular, and the fruit has brought high prices wherever offered. The tree is a pretty-foliated one, dwarf in habit. The peculiarity of sweet skin and rather bitter flesh distinguishes the species from other Oranges. Especially suitable for pot culture. We only offer the ordinary oblong variety this year; the sort most in demand for preserving or other purposes. Grown on rough lemon and trifoliata stocks. Price on rough lemon, 35c each, \$3.50 per doz.; price on trifoliata, 25c each, \$2.50 per doz.

**C. limonum. \* \* \* E. Lemon. (Spanish-Limon.)** Of the great number of good varieties we consider the following unexcelled.

**Genoa.** As fine a Lemon as is grown anywhere. In California this sort is called **Eureka.** A fine plant for the house, as the Lemon bears abundantly in a small size, and can be fruited quickly. Flowers are pinkish white, scented and handsome. Price same as orange trees. On rough lemon and sour orange.

**Citrus limetta.\* \* \* E. The Lime (Spanish-Lima.)** Fruit usually acid, like the lemon.

**Sour Rangpur.** The "**Mandarin Lime.**" Resembles a mandarin closely, and has loosely adherent sections and skin. Fruit has the finest acid and a fine flavor, entirely distinct from any other Lime. Color of skin orange-red, like the Dancy Tanglerine. Tree resembles in growth the rough lemon. Is hardier than common Limes, and may be grown as far north as the lemon, or some sweet oranges. On rough lemon stock. Price same as sweet orange trees.



**Sour Rangpur Lime.**

**C. medica cedra.\* \* \* E. The Citron.** The thick rind of the very large fruit is preserved into the well known commercial article. The species makes a large scrambling bush. Fruits weigh frequently 5 lbs. each. 2-year transplanted stock, 2 to 3 ft. high, 25c each, \$2.50 per doz.

**C. pomelanus (Decumana). \* \* E. Pomelo, or Grape-Fruit. (Spanish-Toronja.)** This latter name was given it from its habit of bearing in large clusters. A most delicious fruit, rapidly being known in all markets. Fruit in most cases much larger than oranges; pale yellow, and having slightly bitter pulp. Extremely wholesome. Prices same as sweet orange trees. See page 10.

**Fernambuco.** A fine late sort from South America. Good grower; heavy bearer, with short thorns. Medium to large size. The finest general market sort we have seen. On rough lemon, sour orange and trifoliata.

**Royal.** Fruit small to medium, with little of the bitter taste, hence can be eaten out of hand. Moderately early to ripen. Fine grower and

good bearer. Trees on rough lemon and sour orange.

**Marsh. (Seedless.)** Practically a seedless Pomelo; medium size, average quality. On rough lemon and sour orange.

**C. trifoliata.\* D. The hardy Japanese Citrus,** which has proven to be valuable stock for fine orange or other citrus. Is an excellent hedge tree; dwarf and very thorny. Should be grown on good soil, 2 feet apart in the hedge. Deciduous, the stems remaining for years vivid green, and holding its yellow wrinkled fruit on for a long time; it is a pretty object in the late autumn and winter. Flowers are large and white, but thin and with no stems, being borne in profusion along the twig much like crab apple blossoms, and appearing before the leaves, usually. The tree is hardy as far north as Tennessee, and perhaps farther. Seedlings, 1-year, 5c each, 40c per doz., \$2.50 per 100. 2-year and 3-year trees priced on application for quantities.

When Citrus trees are ordered sent by mail we select smaller trees than for express or freight, but of good size and well rooted. We can please you in these trees, whether you live in California, Maine, or Cuba, as they travel safely under our sure mode of packing.

## DATE PALM

See sec. VII.

## DIOSPYROS

**D. Kaki.\* D. Japan Persimmon. (Spanish-Nispero del Japon.)** A hardy deciduous tree of small size, bearing quantities of pointed or tomato-shaped fruits, usually red or orange in color, ripening during the autumn. The early sorts commence ripening in September, and the late ones may be gathered and kept indoors till January. The flavor is somewhat like that of a fig and also like that of the apricot, and is delicious. As a market fruit, it is beginning to be quite prominent. The Japanese and Chinese dry this fruit, in which state it is considered as fine as the fig. They are all grafted on the native Virginia Persimmon, and have fair roots. Should be set in December and January here.

**Costata.** This is a medium sized fruit rather four-sided; skin salmon-yellow; flesh light yellow, usually seedless. One of the latest to ripen and a good keeper. A very fine sort.

**Hyakume.** Very large and somewhat flattened at the ends; flesh dark, crisp and meaty; keeps well, and tree is very prolific. The fruits vary, and occasionally one is noticed with a pointed end.

**Okame.** Very large, roundish fruit, orange-yellow in color, changing to bright red when dead ripe. Flesh light colored, with a darker center around the seeds. Quality first-class.

**Triumph.** "Medium tomato-shaped; skin yellow; flesh yellow; generally has a few seeds; very productive; quality of the best. Commences to ripen in September and continues till November."

**Zengi.** Smallest fruit of all; round, with reddish yellow skin. Flesh dark and seedy. One of the earliest to ripen, and may be eaten while still hard. The other sorts must be as soft as jelly before eating.

Price, 4 ft. heavily rooted, 30c each, \$3 per doz. \$25 per 100. (If wanted by mail we can send small trees at same price.)

## ELEAGNUS

**E. Simoni.\* \* E.** An evergreen shrub from Japan, with long willowy growths, which bears small acid fruits of a bright red color. The fruit makes delicious jelly and sauce. The bush is hardy in the South, but we do not know how low a temperature it will bear. 2-year, pot-grown, 25c each, \$2.50 per doz.

## ERIOBOTRYA

**E. Japonica.\* \* E. Loquat (or Medlar, or "Japan Plum"). (Spanish-Nisipola del Japon.)** A most valuable winter and spring-ripening fruit; yellow, with a very agreeable plum flavor. The

tree is a magnificent-foliaged evergreen, bearing usually three crops of flowers (scented) and fruit during the season. It reaches a height of about fifteen feet and should be planted in well-drained soil, and never plowed; a light hoeing and mulching are best. This is a grand house-plant, as it resists drought, dust, gas, etc., and forms a fine little tree quickly. Pot-grown, 2-year, 20c each, \$2.00 per doz.

### FICUS

**F. Carica.\*** The **Fig.** (**Spanish-Higuera.**) This is one of the most delicious and healthful fruits that can be grown in the South but is sadly neglected. Will give best results in a dry and rich location. Fertilize liberally with ashes or potash to avoid attacks of root-knot. In transplanting see that sufficient top and roots are pruned; the top should be cut almost to the ground (leave 6 inches or a foot of stem), and the fibrous roots shortened in closely. Treated in this way it will invariably grow off well. In the South, and especially in Florida, it is impossible to grow Fig trees successfully in large orchards with ordinary culture. The roots are very impatient to cutting and apt to scald during hot, wet weather. Mulching with stones and heavy rubbish, or planting in close proximity to a shed or house will bring success. Unless grown as thus described, the roots are badly troubled with root-knot, which will kill the tree.

**Lemon.** White, with pinkish pulp. Fair size and quality.

**Celestial, or Sugar.** Small, brown and very sweet. The favorite sort in the South. Finest for preserving, or eating with sugar and cream. Best sort for pot culture, under glass.

**Brown Turkey.** Large brown Fig of fine quality. Has been confounded with Celestial, but is much larger than that sort.

Price of Figs; 1 to 2 feet, 20c each, \$2.00 per doz.; 2 to 3 feet, 25c each, \$2.50 per doz.

### HICKORIA

**H. pecan.\*** **D. Pecan.** (**Spanish-Pacana.**) The growth of Pecan trees for their valuable nuts is now a large business in the South. We do not recommend their culture below the middle of the peninsular portion of Florida.

**Centennial.** Large size nuts, pointed at ends; of good flavor. A fine grower and bearer.

**Columbian.** (or **Pride of the Coast.**) Perhaps the largest of all sorts, 35 to 40 nuts to the pound. A strong grower.

**Frotscher.** Nuts of large size and thin shells. Meat of fine quality. One of the best sorts.

**Stuart.** One of the oldest named sorts. Nuts of large size and of splendid flavor. A heavy bearer.

**PRICES:** Buds on Pecan roots, 1-year-old, 1 to 2 ft. high, 75c each, \$7.50 per doz.; 2 to 4 feet, \$1.00 each, \$10 per doz.

### HOVENIA

**H. dulcis.\*** **D.** This makes a round-headed tree, which bears small globular fruits of reddish flesh and edible peduncles. Will grow all along the Gulf coast. 1-year, pot-grown, 15c each, \$1.50 per doz.; 3-year, pot-grown, 50c each.

### MORUS

**M. alba.\*** **D. The Mulberry.** (**Spanish-Mora.**) **Chinese.** The earliest sort to ripen, and of excellent quality. Fruit medium size, borne in great profusion. A splendid sort for poultry, hogs, or silk-worms; very vigorous. Strong, 1 year from cuttings, 15c each, \$1.50 per doz.

**French.** A large-leaved tree with large, black fruit ripening after the Chinese. These two sorts bear in succession and furnish fruit for three or four months continuously. Strong, 1-year, 20c each, \$2 per doz.

**Hicks.** A very productive sort, the fruit of which ripens for four months. It somewhat resembles the French. Of especial value for poultry and hogs. Heavy trees, 5-7 ft., 20c each, \$2.00 per doz.

**Stubbs.** Decidedly the finest sort yet produced. The tree is a strong grower and bears very

heavily. Fruit is large and black (1½ to 2 inches long) of a sprightly flavor and superior to any we know for culinary purposes. Fine trees 3 to 5 feet, 15c each, \$1.50 per doz.; 5-7 feet, 20c each, \$2.00 per doz.

### OPUNTIA

**O. ficus-India. \* \* E. Indian Fig Cactus,** resembling the common "Prickly Pear," but with scarcely any thorns, and of an enormous size. The plant is frequently 8 to 10 feet high, and bears quantities of oblong fruits, lemon-colored, of a pleasant acid taste. These odd fruits have a piquant flavor and are in demand in some sections. Large cuttings, 30c each.

**O. tuna. \* \* E. Tuna Cactus,** a giant "Prickly Pear," with intensely rich purplish-red fruits. Fruit-juice is used for adding color to various jellies, ices, cakes, etc., and the fruit is sometimes cooked with lemon juice, when it makes a fine preserve. The Cactus itself, after having the spines singed off, is fed to cattle in dry parts of Mexico and elsewhere. Yellow flowers, 3 inches across, are very pretty. Strong cuttings, 15c each, \$1.50 per doz.

### PRUNUS

The **Plum.** (**Spanish-Ciruella.**) Of all the many varieties of plums, the three following sorts succeed best in Florida and the extreme lower South, and we have therefore dropped all other kinds from our list.

**Excelsior.** This is a seedling of the Kelsey, but evidently crossed with some variety of the Chicaw type; fruit large, round, 1½ inches in diameter; color reddish purple, with heavy blue bloom; very melting and of best quality. Ripens early in June.

**Howe.** New sort from Putnam county, Florida, promising to be a success for both South and North Florida. A cross between Japan and Chickasaw types; medium to large size; rich reddish-purple, with heavy bloom; quality excellent.

**Terrell.** A new variety originating at Hastings, Florida, and perhaps the best for our State. A cross-bred variety of great productiveness. Fruit large, 1¼ to 2 inches in diameter; color a fine reddish-yellow, somewhat mottled. Flesh sweet and juicy. Ripens in June.

Price of plums on plum stock; 3 to 4 ft. high, 25c each, \$2.50 per doz.

**P. Persica.\*** **D. The Peach.** (**Spanish-Melocoton.**) The Persian type does not succeed in Florida, but from the more newly introduced Chinese varieties general success is had. The Peach delights in rich, well-drained soil, and in constant cultivation during growing season. Such suggestions as are made for fig culture apply equally well to the Peach although on exceptionally high land it is of course grown in large orchards. The following are the best for Florida:

**Angel.** Large; skin yellow, washed with red; flesh white and of exquisite flavor, entirely free of noyau flavor. Ripens in June, Freestone.

**Florida Gem.** "Size medium to large, resembling **Honey** in shape, but not so sharp pointed; skin yellow, washed with red; sweet, juicy and fine flavored." June 15 to July 1. A perfect freestone.

**Hall's Yellow.** A new Peach, originating from Angel, in Volusia county. "It is a freestone Peach; ripens and is off the tree before the Angel is gone. In quality, size and attractiveness equal to Elberta. Trees are vigorous and especially adapted to Central and South Florida."

**Jewel.** Almost identical with Waldo, but ripens a week or ten days earlier. Very favorable reports have been received from growers of this fruit during the past season. A fine acquisition for market. Freestone.

**Peen-to.** Flat Peach of China. The pioneer of this strain of Peach and delicious in quality if well grown. If not fertilized properly, or if attacked by root-knot the fruit is quite bitter. Ripens very early. Clingstone.

**Red Ceylon.** Our introduction from Ceylon. A fair-sized fruit, blood-red around the pit; skin greenish, with a red overcast; a perfect freestone, with fine acid flavor, making it the best of all for cooking and canning. It is excellent for the table when dead ripe. Bears tremendously, and never has a touch of noyau flavor. Early.

**Suber.** A large sized cling, being an improvement over the old Bidwell's Early. A splendid sort for South Florida, ripening in May, or early June.

**Waldo.** An early Peach, supposed to be a hybrid of Peen-to and Honey. Medium size, handsome and best quality; freestone. Ripens with Peen-to.

Prices of Peach trees, all on peach roots, 3 to 4 feet high, 15c each, \$1.50 per doz.; \$12 per 100.

### PYRUS

**P. communis.\*** D. The **Pear.** (Spanish-Pera.) Pears do well in the South, but in Florida especial care is necessary to provide perfect drainage. Slight cultivation only (if at all) and large applications of potash usually bring success. The three best sorts for the extreme South follow:

**Le Conte.** Matures in July and August. Tree never bears before 5 years of age. Fruit medium to large; yellow flesh. If gathered just before turning yellow on the tree, and ripened in a dark room, it is of splendid flavor, juicy and delicious. Quality is impaired by leaving on tree too long.

**Keiffer.** Bears young and very abundantly; fruits are large and do not get soft to be eatable out of hand in Florida. Fine for cooking in every form. Lasts for many weeks. Ripens late.

**Smith.** An improved Le Conte, ripening somewhat earlier than that sort and with uniformly larger fruit, of better flavor. Is very prolific, and the most profitable sort now grown in Florida.

Price all sorts, fine trees, 5 to 6 ft., 25c each, \$2.50 per doz.



Cattley Guavas.

### PSIDIUM

**P. Cattleyanum.\*** \* E. Cattley Guava. (Spanish-Guayaba.) This is a quite hardy species, with beautiful camellia-like, glossy leaves, evergreen, and producing immense quantities of red, acid fruits, averaging an inch thick. Makes very fine jelly. Should be set about 6 or 8 feet apart in open ground in South Florida and California, or along the Gulf coast in protected places. We have very fine plants, pot-grown, 1-yr., 10c each, 85c per doz., 2-year old 15c each, \$1.50 per doz., 3-year, 25c each, \$2.50 per doz.

**P. lucidum.\*** \* E. The hardy **Yellow, or Chinese**

The majority of plants and trees named in later than March 1st. Citrus trees, Opuntias, may be set in Spring, Summer and Autumn, in paragraph 8 on page 3.

**Guava.** A fruit resembling the Cattley, except that it is yellow and sweeter. Bush is not so tall in growth, but has almost as handsome leaves. Both species bear abundantly, and are fine plants for pot culture. Will thrive in poor soil and is one of the most satisfactory grown; yielding results out of proportion to the care bestowed upon it. Fine plants, pot-grown, 1-year-old, 10c each, \$1 per doz.; 2-year, and 3-year sizes, same price as Cattley.

### PUNICA

**P. granatum.\*** D. **Pomegranate.** (Spanish-Granada.) This is a famous fruit from Palestine, which does well in the South everywhere. A large bush, deciduous, with small leaves, handsome orange-red flowers, and fruits the size of oranges, ripening in late summer and autumn. The shrub is worthy a place in ornamental grounds. A good tub plant.

**Common Sweet.**

**Spanish Ruby, or Purple-seeded.**

Price, both sorts of Pomegranates, 2 to 3 ft., 25c each, \$2.50 per doz.

### RUBUS

**R. trivialis.\*** E. **The Trailing Dewberry.** (Spanish-Zarzamora.) Our strain, the "Manatee," has proved to be one of the best throughout the whole South, and even in California. In cultivation, plant on dry soils, and mulch. It can be trained on a wire trellis very rapidly. 10c each, 80c per doz., \$5 per 100.

**R. hybridus.\*** The **Northey Berry.** One of the best berries ever grown. A chance hybrid, originating in Lake County, Florida, a few years ago. Habit of plant the same as the common dewberry, and requiring same culture. Fruit ripens about the same time as the dewberry, but is a dark reddish purple in color, tender fleshed, and of most luscious flavor. The flavor is decidedly like rich red raspberries, but with a quality wholly its own. For South Florida we know of nothing in the small fruit line to equal it, as it is remarkably prolific. Needs rather dry soil for best success. Stock limited as yet. Price for good roots 35c each, \$3 per doz.

**R. cuneifolius.\*** E. **Blackberry.** (Spanish-Zarza.) We have a strain of very fine, large-sized fruit, that seldom fails to produce abundantly every spring here. Drought only prevents a sure crop, and this can be prevented by irrigation. We confidently predict for this perfect success in Florida, and in the South, where the northern sorts do not flourish. 15c each, \$1.50 per doz.

### VITIS

**V. rotundifolia.\*** D. **Muscadine type of Grape.** (Spanish-Uva, Vid.) This free-growing species is the only one which is really a success so far South. It does fairly well in the tropics, and is by far the best type of Grape for Florida and the Gulf coast, as it seldom fails to bear a heavy crop of delicious fruit. It is the standby, and a very welcome one. Plant all sorts 20 or 30 feet apart and train on a permanent arbor.

**James.** Berry very large, nearly black, of a delicious flavor and very sweet. Ripens in August and September, and frequently bears a second crop that ripens in October and November. 15c each, \$1.50 per doz.

**Meisch.** A new sort. Berries medium size; purple; of a delicate rich flavor, somewhat like Delaware. The best flavored sort of this type yet produced, and therefore the finest grape in the world. 15c each, \$1.50 per doz.

**Scuppernong.** Light or amber when ripe; borne in small bunches; each individual Grape is large. This ripens in August here, and lasts well into September. The old standby. 15c each, \$1.50 per doz.

this department should be set in winter, and not later than March 1st. Citrus trees, Opuntias, may be set in Spring, Summer and Autumn, in fact at any time convenient. For discounts note

# III. Economical, Medicinal and Useful Trees and Plants.

(MOSTLY OF AN ORNAMENTAL CHARACTER, AND NEARLY ALL POT-GROWN).

**Explanation of symbols and letters:** \*, Hardy throughout Lower South. \*\*, Semi-tropical, not being able to withstand a lower temperature than 26 degrees Fahr, without injury. \*\*\*, Tropical, adapted only to extreme South Florida and California, or for greenhouse culture. E. Evergreen. D, Deciduous. S, Shrub, or small plant. T, Tree.

## ADENANTHERA

**A. pavonina.** \*\* \* E. T. The **Circassian Bean**. A handsome compound-leaved tree of the East Indies, valuable for avenue planting. Will do well in extreme South Florida. Seeds brilliant scarlet, highly polished, edible and of great quality, each one weighing four grains; in consequence of this last quality they have been used for many years as weights by jewelers and goldsmiths. Pot-grown plants, 35c each.

## AGAVE

**A. rigida, var. elongata.** \*\*\* E. S. Very similar to the following species, but furnishing fibre of a coarser quality. A limited number of plants as yet. Price on application.

**A. rigida, var. Sisalana.** \*\*\* E. S. The **Sisal Hemp**. Native in Yucatan, this valuable fibre-plant furnishes the finest fibre for rope, twine and coarse bagging. This plant was introduced to the Florida Keys in 1838, by Dr. Perrine, and is now naturalized. There are thousands of acres of cheap lands available for the growth of this plant along Florida coasts, that need only a little capital to be made to yield a good income. Its growth and manufacture will undoubtedly soon be a feature of our industries. Its cultivation has attracted much attention in all English colonies; also Hawaii, Papua and Africa, in various parts. We have supplied hundreds of thousands of plants of the genuine variety, recommended by Kew Gardens. Fine plants, 10c each, 80c per doz., \$4 per 100, \$12 per 1,000. **Special prices for large lots on application.**

## ALOE

**A. vulgaris.** \*\*\* S. **Bitter, or Barbados Aloe**. A succulent-leaved plant, growing about 18 inches high and bearing quite showy yellow flowers on a tall spike. The jelly-like pulp of the leaves, either in a fresh or dry state, is particularly useful for dressing burns or wounds. Strong plants, 25c each.

## AMOMUM

**A. cardomomum.** \* E. S. The **Cardamon Plant**. Produces the cardamon seeds of commerce. Has beautiful, thick, leathery leaves, and is a fine ornamental plant for the house. White flowers; leaves spicy. 10c each, \$1 per doz.; larger, 20c each, \$2 per doz.

## ANDROPOGON

**A. citratus.** \*\*\* The **Lemon Grass of India**. Yields a valuable essential oil. Very handsome tropical grass, growing in fine clumps 5 or 6 feet high, and effective for borders or as single lawn specimens. 10c each, \$1 per doz.; large clumps, 25c each.

## BIXA

**B. orellana.** \*\*\* E. S. The **Annatto Plant** famous for its orange-red dye. The large, pointed, heart-shaped leaves are quite ornamental, and it will be found a worthy addition to our list of lawn plants in South Florida, 2-year, pot-grown, 25c each, \$2 per doz.; 3-year, very large, 35c each, \$3.50 per doz.

## CAESALPINIA

**C. sappan.** \*\*\* E. T. A medium-sized East Indian tree with pinnate leaves and yellow flowers in panicles. The wood known as **Sappan-wood** in commerce, is used largely for ex-

tracting a yellow dye. The tree is a handsome ornamental. Pot-grown, 5c each, \$2.50 per doz.; large trees, 75c each.

## CALATHEA

**C. allouya.** \*\* The **Lieren of West Indies**. "Tubers are delicious when boiled and eaten hot with butter, having a taste of sweet corn." A great acquisition for Florida as it succeeds admirably in moist soils. Pot-grown, 20c each, \$2 per doz.

## CALOPHYLLUM

**C. inophyllum.** \*\*\* E. T. East Indies. A large tree often 90 feet high, with broad, glossy, leathery leaves and snowy-white flowers of great beauty. It reaches an age of 300 years. The bark, gum and fruit have important economical and medicinal uses and in Java it is much planted as a shade tree, for its elegant foliage and flowers. Large elegant pot-grown plants, 75c each.

## CAMELLIA

**C. Thea.** \* E. S. **Tea Plant**. Hardy evergreen bush, easily grown anywhere in the lower South. One of the most valuable economic plants available for general cultivation. Our soils seem to suit it in a remarkable degree, and it will stand low temperatures, being harder than the olive. All grades, classes and colors of Tea are made from this one species, the difference resulting from cultivation and modes of curing. Our stock is all of the **Assam hybrid** variety so favorably known now in tea gardens. 1-year, 15c each, \$1.25 per doz.; 2-year, 25c each, \$2.50 per doz.

## CASSIA

**C. fistula.** \*\* \* **Pudding Pipe Tree**, from India. Compound leaves; flowers in long, graceful racemes; yellow. Furnishes Cassia pods of commerce. Fine pot-plants, 25c each, \$2.50 per doz.

## CASTILLOA

**C. elastica.** \*\*\* E. T. The famed **Rubber Tree of Mexico**. (Do not confound with Ficus.) This is, perhaps, the best rubber-producing tree for large plantations in the tropics. Very largely grown in Mexico. We have raised a fine lot of nice stock. Pot-grown, 25c each, \$2.50 per doz.

## CEDRELA

**C. odorata.** \*\*\* E. T. **Cedar of Jamaica and South America**, which furnishes most valuable lumber. Beautiful compound leaves. Fine for avenue tree in frostless localities, being of fine form and quick growth. 2-year, pot-grown, 20c each, \$2 per doz.; 3-year, (3 to 5 ft.), 30c each, \$2.50 per doz. Extra large at 50c each.

**C. toona.** \*\*\* E. T. The **Bastard Cedar**. India. Wood is very useful. A handsome tall tree, growing 60 feet high. The fragrant flowers, white or pink, have the scent of fresh honey. Leaves compound. 3-year, pot-grown, 35c each; 4-year (5 to 7 ft.), 50c each. Extra large at 75c each.

## CINNAMOMUM

**C. camphora.** \* E. T. The **Camphor Tree**. A perfect hardy tree, doing well all over the Gulf coast and promising to prove a pecuniary success in producing gum camphor. Is a handsome evergreen, with pretty, broad leaves,

light on the under surface. Will grow in very poor sand, where few plants will live; although, of course, it does better when properly manured. 1-year, pot-grown, 10c each, \$1 per doz., \$7 per 100; 2-year, 20c each, \$2 per doz. 3-year, 30c each, \$3.00 per doz.

**C. Cassia (?)** \* E. T. **Chinese Cinnamon, or Cassia lignea.** It furnishes a thicker bark, greatly used in adulterating the Ceylon article, cassia buds, cassia oil and camphor gum from the roots. It is undoubtedly a valuable economic tree, and will be useful for Florida, as it stands hard frosts unharmed and grows luxuriantly in very poor soil. A very handsome ornamental tree of medium size. We have a large stock in various sizes, pot-grown; 1-year, pot-grown, 10c each, 85c per doz., \$6 per 100; 2-year, 20c each, \$2.00 per doz.

### COFFEA

**C. Arabica.** \* \* \* E. T. **Arabian or Common Coffee.** Grown throughout the tropics, this beautiful small tree is highly prized for its product, and fortunes have been made in raising it commercially. Our climate here is too severe for it, but occasionally it can be grown with partial success. The Manatee river region raised the first berries in the open air ever produced in the United States. The plant is an evergreen, with white, jessamine-like flowers; the fruit is a red cherry, containing two coffee beans. Our stock is all grown from the celebrated **Blue**

**Mountain strain, of Jamaica.** Is a pretty pot-plant, and bears when but two feet high. Pot-grown, 1-year, 10c each, \$1 per doz.; 2-year, 15c each, \$1.50 per doz.; 3-year (very fine), 25c each, \$2.50 per doz.; 4-year specimens, 50c each, \$5 per doz.

**C. Liberica.** \* \* \* E. T. **Liberian Coffee.** This has large, glossy leaves, and is the handsomest species. The berries are large, and the aroma rich and strong. It is growing in favor with planters. Pot-grown; 1-year, 15c each, \$1.50 per doz.; 2-year (very fine), 25c each, \$2.50 per doz.; 3-year, 35c each, \$3.50 per doz.

**C. Zanzibarensis.** \* \* \* E. T. A new species lately received from Africa. Small leaves. Pot-grown, 2-year, 35c each, \$3.50 per doz.; 3-year, 50c each, \$5 per doz.

### COLOCASIA

**C. species Trinidad.** \* \* S. Locally known in Trinidad as **Dasheen.** A variety of Taro, producing fine mealy, white tubers, excellent for table use. May be used all times of the year. New and very promising. 25c each, \$2.50 per doz.

### CRESCENTIA

**C. cujete.** \* \* \* E. T. **Calabash Tree.** The famous tree of the West Indies, from the warty fruits of which are made bottles, dippers, ladles and buckets. (See "Swiss Family Rob-



Glass Plant House, No. 1.

inson.") Forms a large tree with curious foliage. Can be grown in extreme South Florida outdoors. Pot-grown, 25c each, \$2.50 per doz.; larger, 40c each.

#### CRYPTOSTEGIA

**C. grandiflora.** \* \* \* E. V. A valuable vine which furnishes caoutchouc. The plant is a fine ornamental climber with purple, allamanda-like flowers. Strong pot-plants, 20c each, \$2 per doz. Very strong, 35c each, \$3.50 per doz.; extra large, 50c each.

#### CURCUMA

**C. longa.** \* \* S. The East Indian Turmeric. Leaves long and graceful; flowers white; root used in flavoring and coloring pickles, etc., 35c each.

#### RIODENDRON

**E. anfractuosum.** \* \* \* T. Silk-Cotton tree, or Ceiba, of the West Indies. A large tree with buttressed trunk. The seed capsule is filled with a silky substance used for stuffing pillows. The stems and trunk are prickly. Pot-grown, 2-year, 25c each, \$2.50 per doz.

#### FICUS

**F. elastica.** \* \* \* E. T. Rubber Tree (Indian). A valuable rubber-producing tree, with magnificent broad leaves and red leaf-sheaths. It is well-known as a decorative plant for apartments, and is of easy growth. Here it forms large specimens outdoors, and is of great beauty. Can be grown in South Florida and South California as an outdoor ornamental shrub or tree, and if frozen it sprouts up readily. Pot-grown, 40c to 75c each.

#### GARCINIA

**G. morella.** \* \* \* E. T. The Gamboge Tree, from Ceylon. A beautiful broad-leaved tree of slow growth. The yellow, resinous juice furnishes the well-known gamboge, excellent as a pigment and purgative. The fruit is said to be excellent also, with a sprightly acid flavor. Rare. Pot-grown, 40c each, \$1 per doz.

#### GELSEMIUM

**G. sempervirens.** \* E. S. Carolina Yellow Jessa-

mine. This is a valuable medicinal plant, used to a large extent. A grand ornamental flowering vine, hardy over the whole South and blooming in winter and early spring. See also Department XIII. Exceedingly fine clumps (transplanted) strong, 2-year-old, 15c each, \$1.50 per doz., \$10 per 100.

#### GMELINA

**G. Asiatica.** \* \* \* E. T. A large tree from India. Timber is valuable and bark and roots are used medicinally by the Cingalese. Rare introduction of 1901. \$1 each.

#### HYMENAEA

**H. Coubaril.** \* \* \* E. T. West Indian Locust, or Algaroba of Panama. An immense tree, having fine timber and exuding a valuable resin. The seed-pods contain a sweet, pulpy substance commonly eaten by Indians. Introduced in 1903. Pot-grown, large, 75c each.

#### INGA

**I. dulcis.** \* \* \* E. T. A handsome, small tree, with compound leaves; forms a good hedge, being prickly. The sweet pulp of the seed-pods is a brilliant orange color, wholesome, and relished by almost every one. Pot-grown, 2-year, 25c each, \$2.50 per doz. Extra large, 35c each, \$3.50 per doz.

#### JATROPHA

**J. curcas.** \* \* \* E. S. French Physic Nut. A large ornamental-leaved plant, having medicinal value. It will be found quite showy as a summer bedder. Pot-grown, large, 20c and 30c each.

#### LAWSONIA

**L. alba.** \* \* E. S. The famous Henna Bush of the Orient. Also famous as the Camphire of Solomon. It is in ancient repute as a cosmetic. Leaves are powdered and made into a paste, used for coloring finger-nails, hair and beard, especially in Egypt. The flowers are scented somewhat like roses and are sold in Cairo and other cities. Blooms when small. Pot-grown, small, 15c each, \$1.50 per doz.



Sansevierias in Nursery, Showing Both Species.

**MANIHOT**

**M. utilissima**, and **M. aipi**. \* \* The **Cassava**. We have several very fine varieties. Seed cane priced on application, for December delivery.

**MARANTA**

**M. arundinacea**. \* E. S. **Bermuda Arrow-root Plant**. It is easily cultivated along the Gulf coast, and there should be a good margin of profit in growing it extensively. It is a plant with broad leaves, growing about 2 feet high. 10c each, \$1 per doz.

**MORINGA**

**M. pterygosperma**. \* \* \* E. T. The **Horse-radish tree**. Roots taste like the real horseradish. Pot-plants, 25c each.

**MYRICA**

**M. cerifera**. \* E. T. **Wax Myrtle**. A native evergreen, bearing slate-colored berries, from which a marketable wax is extracted. Hardy in the entire South. Trees in open ground, 15c to 50c each.

**PARITUM**

**P. elatum**. \* \* \* E. T. **Cuban Bast Tree**. A quick-growing tree allied to the Hibiscus, bearing immense simple leaves and showy orange-yellow blooms. The inner lace-like bark is the well-known Cuban bast, used for tying purposes. A good shade tree for extreme South Florida. Fine pot-plants, 20c each, \$2 per doz.; extra large, suitable for avenue planting, 3 ft. high, 35c each, \$3.50 per doz.; 4 to 5 ft., 50c each, \$5 per doz. Extra large, 75c each, \$7.50 per doz.

**PIMENTO**

**P. officinalis**. \* \* \* E. S. The **Allspice tree**, or bush, of Jamaica. Pot-grown, 50c each.

**PIPER**

**P. Futokadsura**. \* \* \* E. S. **Japanese Pepper**, having red berries and the habit of **P. nigrum**, the **Black Pepper**. It is a climbing vine, adhering to wood or stone closely. The leaves are heart-shaped and handsome, 15c each.

**PITHECOLOBIUM**

**P. Saman**. \* \* \* E. T. The wonderful **Rain Tree**, or **Guango**, of South America. Attains great size and age, and is used as a quick-growing shade tree in coffee and cacao plantations. The sensitive leaves gather a large amount of moisture during the night, which drops off like a light shower. Fine as a shade tree for frostless regions. Pot-grown, 40c each.

**SANSEVIERA**

**S. Guineensis**. \* \* \* E. S. **African Bow-string Hemp**. A quick-growing and valuable fibre plant of an exceedingly ornamental character. Leaves are sword-shaped, 4 or 5 feet high when fully grown, beautifully mottled with greenish white. Fine plants, 10c each, \$1.50 per doz. Pot-grown specimens, 25c each.

Ask for price in large quantity.

**S. Zeylanica**. \* \* \* E. S. **Ceylon Bowstring Hemp**. As a fibre-plant this has been prized from remote antiquity. This will prove, as well as the foregoing species, a remunerative crop in frostless situations. A finer decorative plant in a small stage than the preceding. Same price as **S. Guineensis**.

**SAPINDUS**

**S. saponaria**. \* \* E. T. **Soap-berry tree**. An interesting half-hardy tree, with compound leaves, bearing quantities of seeds which are covered with a saponaceous substance, used for soap-making. Might be advantageously tried in South Florida as a commercial opportunity.

Fine, pot-grown trees, 15c each, \$1.50 per doz., \$9 per 100; larger, 3-year-old, 25c each, \$2 per doz., \$15 per 100.

**S. utilis**\* E. T. A more hardy species, used for producing soapberries in quantity in North Africa. Pot-plants, 25c and 50c each.

**SWIETENIA**

**S. mahogani**. \* \* \* E. T. **Mahogany tree**. This is the tree which furnishes the world-famous mahogany wood. Of slow growth, yet under favorable conditions likely to be planted for timber. It is ornamental, and has compound leaves and white flowers. Pot-grown, 25c to 75c each.

**THEOBROMA**

**T. Cacao**. \* \* \* E. T. **Chocolate Tree**. This well-known tropical economic tree has been carefully grown for many years and the demand for cocoa and chocolate is yearly increasing. Large, pointed leaves, with new growth, wine-colored. Our stock is of the fine variety,

**Yellow Foresterio**, now greatly in favor. Fine 1-year-old pot-grown trees, 35c each, \$3 per doz., \$20 per 100.

**VANILLA**

**V. planifolia**. \* \* \* E. V. **Vanilla Plant**. This peculiar **Climbing Orchid** is the only Orchid possessing economic value. 25c each.

**XANTHOSOMA**

**X. sagittaeifolium**, var. No. 23\* \* S. A fine variety of Tanyah, which we find does well in Florida. The roots are an excellent vegetable for the table. The plant is very handsome; the big leaves on purple stems creating a rich tropical effect. From Porto Rico. Roots 20c each, \$2 per doz.

**ZINGIBER**

**Z. officinale**.\* \* S. **Ginger Plant**. A small plant, not over 2 feet high, thriving in rich soil in partial shade, producing the ginger root abundantly here in Florida. It can be dug and used at any time. Fine roots, 10c each, \$1 per doz.



The Chocolate Tree in Fruit.

A collection of 9 of the economic plants will be mailed for \$1. We do not hold to a set list for any of our special collections, but use our judgment in sending the various plants to the location of each purchaser. Customers may state what they already have in this particular line, whether economic plants or palms, etc., and we will endeavor not to send duplicates.

Nearly the entire list of plants in this department may be planted at any convenient time of the year. Most of them are pot-grown. We take pains to avoid sending plants of any sort at unsuitable times of the year.

# IV. Bamboos and Grasses.

## USEFUL AND ORNAMENTAL.

The liberal planting of this class of plants creates a luxuriant semi-tropical effect. The more hardy sorts are very effective in masses even as far north as Ohio and Pennsylvania, where they stand the winters safely. In the South they may be planted freely with perfect success. The foliage, besides being of an ornamental character, is relished by stock, and may be used as pasturage. The bamboos proper are very useful for the florist in very many ways—decoration, design work, etc.

**Explanation of symbols:** \* Those most hardy, standing the climate as far north as Ohio, or farther. \*\* Hardy all along the Gulf coast, standing a temperature as low as 12 or 15 degrees without serious if any injury. \*\*\* Tropical species, withstanding but light frosts unharmed. Roots will throw up growth, however, if tops are frozen.

### ANDROPOGON

**A. citratus.** \*\*\* The Lemon Grass of India. See Department III.

### ARUNDO.

**A. Donax variegata.\*** Gardener's Garter. A beautiful bamboo reed, reaching 12 feet in height. It is the tallest of the variegated grasses, and in the spring has foliage striped heavily with white and green. The tall plumes are immense and showy, and last a long time. Effective in any location, and hardy over the whole country. Strong roots, by mail, 20c each, \$2 per doz. Extra strong, by freight or express, 20c each, \$2 per doz.

### ARUNDINARIA

**A. falcata. \*\*** A rather dwarf Bamboo, with exquisite flat growths of tiny leaves and slender stems. It is a magnificent plant when well grown, and is very hardy, standing a temperature of 10 degrees without injury. It forms a thick, fan-shaped clump never over 8 to 10 feet high. Elegant pot-plant. Without doubt a most useful plant for the florist. The graceful shoots are very useful in flower-work. Single canes (rooted), 10c each, 85c per doz., \$6 per 100. Clumps, 25c to \$2 each.

### BAMBUSA

**B. argentea.\* \*\*** A very hardy Japanese species, reaching 35 or 40 feet. The under side of leaf is glaucous green and the plant forms a noble clump even at an early age. The tops spread out gracefully, like immense drooping plumes, and make considerable shade. The canes are used for fishing poles and for all sorts of manufactured articles, particularly by the Chinese and Japanese. Single canes (rooted), 15c each, \$1.50 per doz.; \$10 per 100. Clumps 25c to \$3 each.

**B. argentea striata.\* \*\*** Exactly like the preceding, except it has variegated foliage, green and white, and is even more vigorous. We have an enormous specimen clump 45 feet high. It is one of the finest of all Bamboos for the Gulf coast and will stand a temperature of 10 degrees without injury. Single canes (rooted), 20c each, \$2 per doz. Clumps, 35c to \$3.00 each.

**B. aurea.\*** (Phyllostachys). A hardy Japanese species with underground running roots, which must be grown in masses, unless the runners are kept cut off with a spade. Light-green leaves and yellow stems. Will reach a height

of 8 to 12 feet. Very hardy. Strong plants, 25c each, \$2.50 per doz. A few pot-grown at 35c each.

**B. metake.\*** A handsome, broad-leaved, very hardy species, rarely exceeding 10 feet in height, very suitable for pots and tubs, as an ornamental house plant. Leaves are thick and strong; very beautiful. It forms large masses, like *B. aurea*; the canes are useful for many purposes. Will grow along the southern border of the Middle States. Strong plants, 20c each, \$2 per doz.; larger, heavy clumps, 25c to 50c each; a few pot-grown at 35c and 50c each.



**Bamboosa Argentea.**

**B. spinosa.\* \*\*** This is an East Indian sort, with thorny growths along the stems and branches. Very graceful in effect, extremely vigorous and reaching a height of 50 feet. Canes 3 inches thick. Will stand light frosts only. Pot-grown, 35c each, \$3.50 per doz. Larger, 5 feet high, 50c each, \$5 per doz. Extra large, 75c and \$1.00 each.

**B. verticillata.\* \*\*** A handsome species standing much cold, with yellow striped stems and medium-sized leaves, forming a splendid clump, like the habit of *B. argentea*. Small clumps, 50c each, \$5 per doz.

**B. violescens.\* \*\*** This is a dwarf species from China, with leaves green above and bluish-gray beneath. Stems much branched and blackish violet. This is a handsome, hardy and vigorous

sort, in habit like *B. Metake*. 30c to 75c each. A few pot-grown at 35c each.

**B. vulgaris.** \* \* \* The Common Bamboo of India and probably naturalized, although it may be indigenous to the West Indies, particularly Jamaica. It is of quick growth, and reaches a height of 70 feet in six or seven years here, but can not stand very low temperature. Pot-grown, 35c and 50c each.

#### CAREX

**C. Japonica elegans.** \* A handsome sedge with white-striped leaves, suited for pots or the border. Useful for house or other decorations, lasting well. Hardy outdoors in central New York, where it holds its foliage all winter. 25c each.

#### CYNODON

**C. dactylon var.** \* \* \* **St. Lucie Grass.** A fine-leaved grass, adapted for lawns, recently brought into notice from the St. Lucie river. Resembles Bermuda Grass, but is easily eradicated, as it does not have underground runners. Grows rapidly; does best in sunshine. Needs cutting every week or 10 days. 25c per 100, by mail. Large lots, by freight or express at \$1.25 per 2-bushel bag.

#### CYPERUS

**C. alternifolius.** \* \* \* **Umbrella Grass.** A beautiful tufted grass, admirably adapted for house use. It grows readily, and outdoors can be bedded with great effect over the whole country in summer. Here it makes clumps 5 or 6 feet in open ground. Fine plants, pot-grown, 15c each, \$1.50 per doz.; larger, 25c each, \$2.50 per doz.

#### DENDROCALAMUS

**D. strictus.** \* \* \* An immense Bamboo of India, having solid canes. It reaches an enormous height and forms splendid clumps of great beauty, the strong, solid canes are of considerable value. It stands more cold than any tropical Bamboo we know of, safely passing through two freezes of 25 degrees and 26 degrees Fahr. Pot-grown, 50c each.

#### EULALIA

**E. gracillima.** \* Very delicate and graceful plume grass, with narrow leaves and white midribs. Forms a pretty clump and is hardy everywhere in the United States. Fine plants, 10c each, \$1 per doz.

**E. Japonica zebrina.** \* This has leaves marked crosswise with white and is very distinct. Forms a striking and graceful specimen, and has very pretty plumes, which are used in decorating. Very hardy. 10c each, \$1 per doz.

#### GYNERIUM

**G. argenteum.** \* **Silver Pampas Grass.** This is the famous grass, having the beautiful plumes so largely used for decorations. The form of the clump resembles a fountain of water, the leaves curling over and reaching the ground. Very hardy. Strong clumps, 25c each, \$2.50 per doz.

**Pink Pampas.** A variety of above with flesh-pink plumes. 25c each, \$2.50 per doz.

A Collection of 6 choice Bamboos and Grasses sent to any address for \$1.  
Grasses and Bamboos may be set out any time of the year. On a large scale of planting, summer is to be preferred, or late spring in this climate. For northern and western locations, we should recommend the spring.

For discounts consult paragraph 8, Page 3.

#### PANICUM

**P. molle.** \* \* \* **Para Grass.** In our opinion one of the best fodder or pasture grasses for Florida. Adapts itself to a great range of soils, and is easily planted by plowing under pieces of stem or root, 2 or more feet apart. It spreads by strong running stems till ground is covered well, and then grows upright. Can be cut for hay twice or three times every year, yielding heavily. Frost cuts the green growth back,



**Bambusa Metake.**

but does not kill it out in Florida. By mail, 25c per doz., \$1 per 100; heavy, by freight or express, \$1 per 2-bushel bag.

**P. excurrens.** \* \* \* A grand, broad-leaved grass, resembling a palm in the young state. In fact, commonly called **Palm Grass**. The leaves are 4 to 6 inches wide, gracefully recurved. Clumps grow to a height of 6 feet in a summer season. A magnificent grass for the lawn or border. Frost browns the leaves, but does not kill the root in Florida. A fine conservatory plant. 15c and 25c each.

#### STENOTAPHRUM

**S. glabrum.** \* \* \* **St. Augustine Grass.** A good lawn grass. Thrives even under shade, and will grow on almost any soil. This grass, being coarse, does not hold dew or rain, and is particularly good for house lots and lawns. Does not need so much water as Bermuda or St. Lucie Grass. 40c per 100 cuttings; by express \$1 per bushel.

#### FOREIGN TESTIMONIALS

Hermosillo, Mexico, Feb., 1907.—"I have received the shipment of plants in very good condition and thank you for the efficient packing."—F. Alatorre.

Watford, Ontario, March, 1907.—"I am well pleased with the stock sent me which arrived in splendid condition."—D. Watt.

## V. Aquatics.

\* Specially adapted for aquariums, or for growth in restricted places. \* \* Large, showy species. H, Hardy where the roots are kept below ice; some species with no protection. T, Tropical species, easily grown anywhere during summer. S.-T, Sub-Tropical.

### EICHHORNIA

**E. azurea.\* T.** The **Blue Creeping Water Hyacinth.** The petioles of the leaves are not inflated as in the following species, and it prefers shallow water, or mud. The flowers are of the richest blue, touched with yellow; very gay and pretty. 15c each, \$1.50 per doz.



Water Hyacinth.

**E. crassipes.\* T.** The **Water Hyacinth.** A very interesting plant which floats on the surface of the water until nearly ready to bloom, when the roots enter soil, if in shallow water. Has proved to be a nuisance in Florida rivers and lakes, forming large masses and obstructing navigation, but is proved to be most excellent for cows to feed upon. Useless ponds and shallow lakes should be planted with this for economic purposes, an acre of water covered with hyacinths being worth any five acres of pine-land grass. Has been introduced from Venezuela only about 12 years. The flowers are borne on spikes, like a hyacinth, and are of a variety of shades with yellow center, lilac or blue petals, and are 2 inches across. Simply magnificent. Blooms at all seasons. The leaves

form neat rosettes, and their stems are curiously thickened and filled with air-cells, enabling the plant to float. Fine plants, 15c each \$1 per doz. Price in quantity on application.

**E. Martiana.\* T.** A splendid new introduction of ours, with upright growth and spikes of rich blue flowers produced in greatest profusion every day. Individual flowers  $\frac{3}{4}$  inch diameter. Grows about 18 inches to 2 feet high, with the habit of *Pontederia cordata*. 15c each, \$1.50 per doz.

### LIMNANTHEMUM

**L. trachyspermum.\* S. T.** **Floating Heart.** A pretty miniature Lily, with white flowers about an inch across. Blooms from April till July. Leaves 3 to 4 inches wide, floating like a young *Nymphaea*. 10c each, \$1 per doz.

### LIMNOCHARIS

**L. Humboldtii.\* T.** The **Water Poppy.** Leaves 2 to 3 inches wide, floating on the water, and flowers standing up above the surface, resembling poppies; bright yellow, and very freely produced all the year. A fine plant, succeeding anywhere, either in pond or tub. 15c each, \$1 per doz.

**L. Plumieri.\* T.** An erect plant, standing usually 2 feet high. Leaves are large, elliptical 4 to 6 inches long, of a velvety green. Flowers straw-color. Grows in either water or mud. 15c each, \$1 per doz.

### MYRIOPHYLLUM

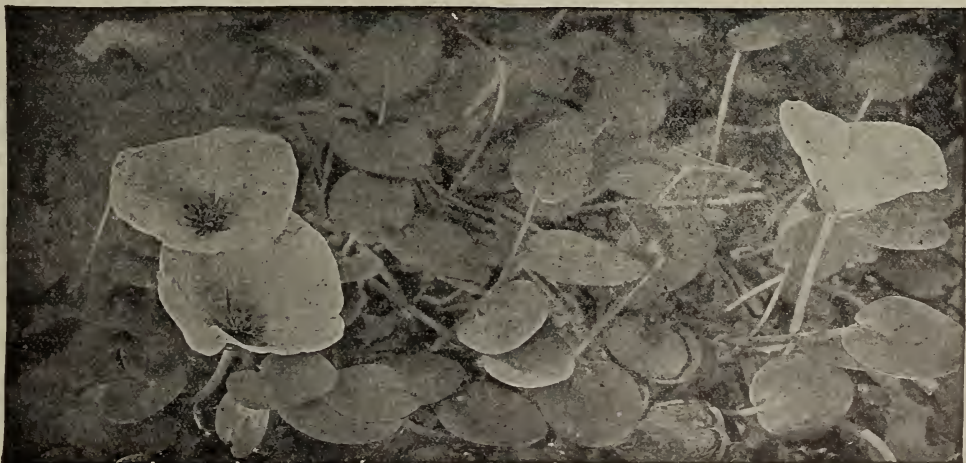
**M. Proserpinacoides.\* T.** **Parrot's Feather, or Milfoil.** An elegant little trailing plant, its long stems covered with whorls of delicate leaves. It is easily grown with other aquatics and in tubs the stems can be trained over the sides with pretty effect. 10c each, 50c per doz

### NELUMBIUM

**N. speciosum.\* \* H.** The **Sacred Lotus, from India.** A hardy plant anywhere in the United States when the roots are below frost. Grows well in mud-bottomed ponds, lakes or tubs, and the leaves stand well out of water, making a bold, handsome effect. Flowers stand well up also, and are large, rosy-pink and sweet-scented. A fine plant. 50c each.

**N. roseum plenum.\* \* H.** This magnificent variety has splendid double flowers of a deep rose color, the nearest approach to red yet produced in the Lotus. New and rare. \$1.50 each.

**N. album plenissimum.\* \* H.** **Double White Lotus.** This and the preceding were the first



The Water Poppy.



**The Parrot's Feather.**

really double forms of the Lotus originated, and both are equally hardy and robust as *N. Speciosum*. This has about a hundred petals to each flower. Very rare as yet. \$1 each.

#### NYPHAEA

**N. The Water Lily, or Pond Lily.** Most desirable genus of all water plants, producing splendid fragrant flowers in profusion, even in cramped quarters. For culture a pond is not essential; tubs are large enough to grow every species of *Nymphaea*. For best success, plunge the tub (or half-barrel) in the ground to the rim, and half fill with richest earth; over this, after tramping down well, spread an inch of gravel to keep water clear, and set the tuber in the center of the tub. Gradually fill with water as the leaves expand until the tub is full; keep full at all times. See further remarks at end of this department.

**N. dentata.** \* \* T. Magnificent species from Sierra Leone; the largest and best white night-blooming variety grown. Buds are long and pointed, opening in the late afternoon. Delightfully scented. 50c each.

**N. Devoniensis.** \* \* T. This is one of the choicest Water Lilies. Night-blooming, like the preceding, but of a gorgeous rosy red. The blooms are of large size, leaves a rich green, with serrated edges. 50c each.

**N. Marliacea chromatella.** \* \* H. A hardy species, with large, scented, lemon-yellow flowers, freely produced. It is a constant bloomer. Fine. 75c each.

**N. Marliacea carnea.** \* \* H. Like the preceding, except the flowers are a beautiful rose-pink. Rare, \$1 each.

**N. Mexicana.** \* \* H. Leaves mottled with brown; flowers bright canary-yellow, standing above the water, about 4 or 5 inches across. 40c each.

**N. odorata gigantea.** \* \* H. **White Pond Lily** of the South. Leaves very large, sometimes a foot across; flowers pure white, 4 to 7 inches across, but slightly fragrant. Superb. 20c each, \$1.50 per doz.

**N. odorata minor.** \* \* H. A miniature form of the Northern Pond Lily. A dainty, white, fragrant flower 2 or 3 inches across. Does well in a tub, 25c each.

**N. odorata rosea.** \* \* H. **Cape Cod Pink Pond Lily.** A splendid form of the Northern Pond Lily, with flowers 4 inches across; color a fine

The species of *Caladium*, *Alocasia*, *Musa*, *Maranta*, *Hedychium*, *Heliconia*, *Amomum*, *Zingiber*, *Iris*, *Canna*, and others, can be grown with good effect on the low, moist ground surrounding lakes and ponds, and in similar damp locations.

The best time to plant Aquatics is during warm spring weather, or summer. *Nymphaeas* may be planted along the edges of ponds or streams, in not over a foot of water, and manure can be dug into the soil with advantage. You can not make the soil too rich. For tubs, use very rich soil and manure, with gravel or sand on top, to keep the water clean.

☞ A collection of 5 choice Aquatics our selection, for \$1. Remember, postage is paid by us on plants ordered by mail, and we send strong, vigorous plants, sure to please you.

"Special Reductions," in front of book for freight or express shipments.—RULE 8.

rose-pink; very fragrant and free-flowering. 50c each.

**N. odorata sulphurea.** \* \* H. Another choice hardy variety with charming yellow flowers; floriferous and quite fragrant. 75c each.

**N. Robinsoni.** \* \* H. A fine new Lily, having large floating flowers; ground color of yellow overlaid with purplish red, the general effect being orange-red. Foliage dark green, spotted chestnut. \$1 each.

**N. tuberosa rosea.** \* \* H. Flowers an exquisite shade of pink, standing above the water. A vigorous grower, of large size. Very choice. 75c each.

**N. Zanzibarensis.** \* \* T. A gorgeous ever-blooming tropical species from Africa, succeeding universally. Flowers handsome and delightfully scented; in pink and blue—distinct color, not variegated. 50c each.

#### PAPYRUS

**P. antiquorum.** \* \* T. The famed Egyptian Paper Reed, or **Moses' Bulrush**. The first paper was made from the white pith of the stems of this plant. The stalks are triangular, and support a tuft of long, thread-like leaves which are exceedingly graceful. Will grow 10 feet in good soil. Likes rich, muddy situations, and grows fast. It will, however, grow on dry soil, and is a fine plant to grow with cannas. 25c each, \$2.50 per doz.

#### PELTANDRA

**P. Virginica.** \* S. T. **Arrow Arum.** Well-known arrow-leaved plant, growing about 1 foot high. A pretty plant, with green berries. Prefers wet soil, but will grow on drier ground than its habitat. 25c each.

#### PISTIA

**P. stratiotes.** \* S. T. The **Water Lettuce**. A pretty floating plant usually about 6 inches across, although attaining a larger size sometimes. It looks like a young plant of garden lettuce, but has soft, velvet leaves. It prefers the shade. The hanging roots do not enter the soil. 15c each, \$1 per doz.

#### PONTERERIA

**P. cordata.** \* \* H. Closely related to *Eichhornia*. One of the finest of our native marsh plants, with spikes of small dark blue flowers. Grows in mud, or water, and does not spread like *Eichhornia* but forms a clump. 15c each, \$1 per doz.

#### SAGITTARIA

**S. Montevidiensis.** \* \* T. The **Giant Arrow-Head**, from South America. A large and showy plant having broad, arrow-shaped leaves and white flowers. 20c each, \$2 per doz.

#### THALIA

**T. divaricata.** \* \* S.-T. A magnificent native ornamental-leaved marsh plant, which thrives in garden soil with cannas and like plants. The leaves resemble the banana, but are only 2 to 4 feet long. Flowers are purplish and borne aloft, about 6 to 10 feet high. The plant is practically unknown outside of Florida, but it thrives wonderfully in cultivation, making an immense specimen before autumn, and is admired by everyone. The large, handsome leaves have red midribs; otherwise they are dark, shining green. 20c each, \$1.50 per doz.

#### TYPHA

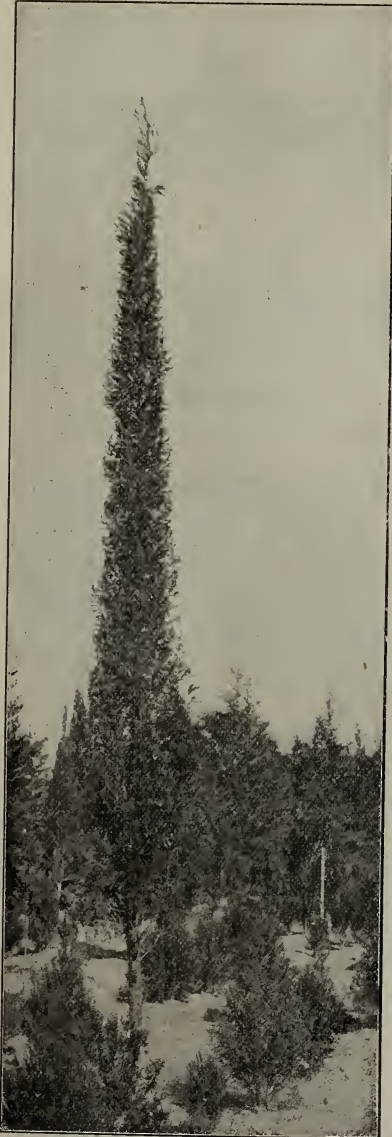
**T. latifolia.** \* \* H. **Cat-Tail Flag.** A native of Europe, but naturalized in various parts of the United States. A grand plant for scenic planting with other marsh and aquatic plants, bearing a tall flower-head, round like a candle, and turning brown after a few days, in which condition it is often gathered for decorative purposes. Strong plants, 15c each, \$1 per doz.

## VI. Conifers.

All the following Coniferous Evergreens are entirely hardy in Florida and the Lower South, except *Araucaria excelsa*. This may be grown outdoors in South Florida, in protected places, south of Orlando and Tampa. Our conifers are carefully grown, having plenty of space allowed for proper development, and are healthy and vigorous. Write for special rates for stock in quantity. Nearly all are pot-grown.

### ARAUCARIA

**A. excelsa** The "Norfolk Island Pine." Largely grown for decorative purposes over the North and in Europe. Has symmetrical growth of delicate, fringed branches. Can be grown in lower South Florida and South California outdoors. It is a grand plant for a jardiniere. Fine young plants, pot-grown, in a good decorative size, \$1 each.



*Cupressus sempervirens.*

### CEDRUS

**C. Deodara.** The **Deodar**, or **Great Cedar** of the Himalayas. This succeeds everywhere in the South up to the lower Middle States. This is very beautiful even in a young state, the foliage being a bluish green. Fine young trees pot-grown, 25c each, \$2.50 per doz.

**C. Libani.** The **Cedar of Lebanon**. Very closely resembles above species, but of slower growth. 1-year-old, pot-grown, 20c each.

### CRYPTOMERIA

**C. Japonica.** The **Japanese Cedar**. The largest tree of Japan, with trunk 35 feet in circumference and 120 feet in height. Stem long, clear, perfectly straight. It is grown for hedges. Of particular beauty, and lately used for house decoration while young. Fine pot-grown, 25c to 50c each.

### CUPRESSUS

The **Cypress**. A genus of the most beautiful trees, varying in size, some attaining great proportions. Is at home in Florida and on all soils not too wet.

**C. Bedfordiana.** A rare new sort of slender habit somewhat like *C. sempervirens*. Very choice, 2-year-old, pot-grown, 25c each, \$2.50 per doz.

**C. funebris.** **Funereal Cypress** from China. Foliage yellowish green and branches pendulous, forming a graceful tree of 50 feet. Pot-grown, 2-year, 20c each, \$2 per doz. Larger at 40c each.

**C. Goveniana.** A tree attaining a height of 50 feet, with slender, erect or spreading branches, forming a broad pyramidal head. From California. Pot-grown 25c and 50c each.

**C. Knightiana.** A fine, strong-growing kind, with the younger branches of a violet or glaucous color, and the handsomest and hardiest of the Mexican kinds. Pot-grown, 35c each, \$3.50 per doz.

**C. Lawsoniana.** A large, graceful tree from California, having drooping branches and silvery green foliage. Needs a dry soil. Pot-grown, 40c each.

**C. Lusitanica.** The **Cedar of Goa**, from Portugal. A handsome low tree with spreading flexuous branches, reaching 40 to 50 feet. Foliage glaucous. Pot-grown, 2-year-old, 25c each, \$2.50 per doz. Extra large at 35c.

**C. sempervirens.** **Cypress of Western Asia** and southern Europe. A common tree in Mohammedan cemeteries, especially about Constantinople. Famous for its great age and the durability of its timber. The tree is a slender, upright-growing one, with the habit of the Lombardy poplar. 80 feet. Very distinct and elegant. Pot-grown, small, 10c each, \$1.00 per doz. Larger at 25c each.

**C. torulosa.** The **Twisted**, or **Botan Cypress**. An Indian species, of large size and quick growth. Splendid for tall hedges or wind-breaks, being very dense and hardy. It makes a fine ornamental specimen in a few years on ordinary soil. Pot-grown, 2-year-old, 20c each, \$2 per doz.

### JUNIPERUS

**J. Barbadosensis.** The native Red Cedar. We have found this differs from the *J. Virginiana* in many respects, being especially more dense, broader, and of quicker growth. A splendid evergreen, very ornamental when grown singly, and adapted for making tall hedges or wind-breaks. Grows on both wet and dry soils. Pot-grown, 20c and 30c each.



*Cupressus torulosa.*

### PINUS

- P. Canariensis.** The **Canary Island Pine.** A large tree, growing 60 or 70 feet high, with leaves in threes, wavy, slender and spreading. The branches are very regularly spaced on the trunk. Pot-grown, 2-year, 15c each, \$1.50 per doz.
- P. excelsa.** The **Lofty**, or **Botan Pine** from the Himalaya mountains. Also grows in Mace-

donia and Montenegro, and forms large forests of tall trees. Leaves fine, rather long, bluish-green sometimes. Pot-grown, 1-year-old, 15c each, \$1.50 per doz. 3-year-old, 25c each, \$2.50 per doz.

- P. Halepensis.** The **Aleppo**, or **Jerusalem Pine.** This is the most common Pine of Palestine. The tree is low and spreading, growing about 20 to 30 feet high. Leaves are in twos, deep green, 2 or 3 inches long, thickly clothing the younger branches. The Greeks throughout Attica use its resin to preserve their wine from becoming sour, and also use the cones for the same purpose. Pot-grown, 2-year-old, 15c each, \$1.25 per doz.; 3-year-old, 25c each, \$2.50 per doz.
- P. Laricio.** Corsican Pine. A grand pine reaching a height of 100 to 150 feet, with a strict erect habit, and freely branched. Splendid for large parks. The leaves are about 6 inches long, glaucous-green. 1-year-old, pot-grown, 10c each, \$1.00 per doz.
- P. longifolia.** The **Emodi**, or **Cheer Pine.** A large and lofty tree from India. It stands Florida climate well and grows fast. Pot-grown, 1-year-old, 15c each, \$1.50 per doz. 4-year-old, 50c each.
- P. Massoniana.** **Japan Pine.** Leaves stiff and straight, about 6 inches long. The tree attains a height of 40 or 50 feet, but becomes a mere shrub at an elevation of 3,500 feet, or in exposed situations. The Japanese consider the timber most excellent it being of a deep red color. Pot-grown, 1-year, 10c each, 85c per doz.; 2-year, 15c each, \$1.25 per doz.; 3-year, 25c each, \$2.50 per doz.

### RETINOSPORA

- R. plumosa.** **Japan Cypress.** This is an interesting, small, dense tree, with pretty, plummy foliage. The finest of the genus. Does fairly well this far South, but prefers stronger soil and higher altitude. Fine, pot-grown specimens, 35c and 50c each.

### TAXODIUM

- T. imbricarium.** One of the two native **Cypress** trees of the South. A splendid timber tree,



*Thuya compacta* in our grounds.

furnishing most durable lumber. It thrives on dry soil as far north as the Ohio river, as well as swamp land. The leaves are appressed to the branchlets, differing in this from *T. distichum*. 3-year, pot-grown, 25c each.

### THUYA (BIOTA.)

The *Arborvitae*. We offer some of the best species of this well-known genus. They are easily transplanted from the open ground. The *Arborvitae* is especially suited for making hedges, and may be grown on any land not too excessively wet or dry. The young plants should be set about 18 to 24 inches apart, in a properly prepared soil; we think deep digging and thorough manuring to be essential for all ordinary lands. The best hammock or loamy soil may not need manure, but should be spaded and well pulverized before planting. Topping and shearing the plants may begin at the option of the grower.

**T. occidentalis. American Arborvitae.** A large bush or tree extensively used for hedging. Very hardy, and suitable for the middle and northern states. Has a more spreading habit than the *Orientalis* type. An excellent stock of plants, pot-grown, 6 to 8 inches high, 15c each, \$1.25 per doz., \$10 per 100; 14 to 18 inches high, 25c

each, \$2.25 per doz., \$16 per 100. Extra large, 35c each, \$3.50 per doz.

**T. orientalis. Chinese Arborvitae.** This makes a cone-shaped symmetrical tree, hardy all over the South and formerly used for hedge purposes; the compact form is now in favor. 2-year, open ground, 30c each, \$2 per doz. 3-year, strong, 30c each, \$3.00 per doz.

**T. o. compacta.** Conical in form, dark green, with dense habit. A grand tree for cemetery use, hedges, single specimens, or to line out by roads or avenues. Half-dwarf. Pot-grown, 4 to 5 inches high, 10c each, 85c per doz., \$5 per 100; 10 to 12 inches high, 20c each, \$2.00 per doz. Open ground stock, 6 to 8 inches high, 10c each, \$1.00 per doz.; \$7 per 100. Open ground stock, 8 to 12 inches high, 15c each, \$1.50 per doz.; \$10 per 100. Open ground stock, 12 to 15 inches high, 20c each, \$2.00 per doz.; \$15 per 100. Open ground stock, 18 to 24 inches, 30c each, \$3.00 per doz.; \$20 per 100.

**T., "Rosedale Hybrid."** A choice dwarf variety which originated in Texas. Has dark green foliage and a dense, compact habit. A very fine new plant, totally different from all other *Thuyas* in foliage. Plants in pots, about 5 to 7 inches high, 10c each, \$1.00 per doz.; 7 to 9 inches high, 15c each, \$1.50 per doz. Specimens from open ground at 25c to 50c each.

A collection of 6 choice Conifers, our selection, will be mailed for \$1. Write us for prices in quantities for hedging, if you contemplate planting largely. See paragraph 8 on page 3 for discounts.

Part of our Conifers are in open ground and part in pots; the large specimen trees are in the open, but are easily moved during cool weather. In the North the spring is a good time, while in Florida it is too dry then. Here we prefer autumn and early winter for moving evergreen trees of most all sorts.

### FLORIDA TESTIMONIALS

Cocoanut Grove, June, 1907.—"Plants came in A. I. condition and are still looking the same."—R. M. Munroe.

Quincy, June, 1907.—"The box containing plants has come safely and the flowers are beautifully fresh. I thank you very much for your kindness and liberality in sending extras!"—Rebecca S. White.

Boardman, June, 1907.—"The Palm (*Seaforthia elegans*) is at hand in perfect condition, and I owe you thanks for the double (at least) size you shipped us. Its an "elegans" by name, by right of its size, and great beauty."—F. G. Sampson.

Kissimmee, April, 1907.—"Ferns received this evening in splendid condition, and they are twice as large as I anticipated for which accept my most sincere thanks."—Mrs. S. J. Addis.

Jacksonville, April, 1907.—"The plants ordered from you were received in fine order, and all doing well."—Mrs. Wm. M. Bostwick.

Tampa, April, 1907.—"Plants arrived in good condition and are satisfactory."—Tampa Floral Co.

Monticello, March, 1907.—"Plants received in good condition, thank you for the extras."—Mrs. D. A. Finlayson.

Tarpon Springs, March, 1907.—"The plants shipped us arrived in very good condition; will you please send the enclosed order" etc.—Mrs. C. W. Lehmann.

Archer, March, 1907.—"The box of plants came last night and was in absolutely perfect condition. I never heard of plants of that size at such wonderfully low prices."—Mrs. E. P. Perkins.

St. Petersburg, Feb., 1907.—"The trees, etc., arrived in good condition."—G. C. Prather, (Supt. for Hon. Joseph C. Sibley.)

Gainesville, Jan., 1907.—"Plants received in good order."—H. S. Graves.

Punta Gorda, Dec., 1906.—"Plants received sometime ago, and were in splendid condition. Many thanks for the extras."—Mrs. Clarence Robinson.

Winter Park, Dec., 1906.—"The Rose plants arrived safely and in fine condition. They are the best plants I have seen."—E. L. Maxson.

Daytona Beach, Nov., 1906.—"The palms and plants arrived promptly and in fine condition. I am very much delighted with your selection. Accept thanks for the extra plants you so kindly sent."—Dayton C. Belknap, "The Pinehurst."

Tampa, August, 1907.—"Plants received promptly and they are nice ones."—Tibbetts Bros.

Miami, Aug. 1907.—"Plants arrived in perfect condition, thanks for the fine extra specimens."—W. M. Witcher.

Tallahassee, Aug., 1907.—"The plants were received in good condition in due time and I am delighted with them."—Mrs. R. W. Cobb.

Cutler, Oct., 1906.—"The plants are very satisfactory indeed. The packing was excellent."—W. Stelwagon.

## VII. Palms and Cycads.

### "THE PRINCES OF THE VEGETABLE KINGDOM."

Palms form one of our specialties, and we grow thousands of plants. **They are kept growing in pots, enabling them to be moved or transplanted at any time without trouble.** We use no heat except for a few most tender tropical sorts, during a few days of winter, and consequently our plants are in fit condition to be shipped every day in the year, and are healthy and stocky. For outdoor planting, we recommend their being set inspring or summer, so that they may be established before cooler weather. No class of plants makes such a tropical and elegant display as Palms. Make the soil very rich. A plant in open ground when once established cannot be fertilized too heavily. Where dry, mulching and watering must be attended to in their earlier stages; later, they can take care of themselves. In the autumn in semi-tropical climates, Palms should not be cultivated so late as to cause rank growth in the winter. In fertilizing, use considerable sulphate of potash, which will help Palms harden their growth and thus put them in good condition to stand freezing weather; if too much nitrogenous manure is used it causes a sappy growth liable to be damaged by cold.

For culture in pots, see that the soil is rich, but not enriched too heavily, and that drainage is perfect. Do not try to grow a small plant in an extremely large pot. As a general rule, use 4-inch pots for plants 10 to 15 inches high; 6-inch pots for plants 20 to 24 inches high, etc., and always in such size that the roots will have plenty of soil, without its turning sour. Cover the drainage holes with broken pottery or small stones, or similar material, to keep the soil from dropping through, and to keep the waterway open. Palms in the house need some sunshine, and will do best with the morning and afternoon sunlight every day, only avoiding the heat of noon. They will exist and live for years with but little light, but are not healthy, nor will they grow fast. An even, rather high temperature suits them best, without drafts of air. The hardier sorts will be able to stand a temperature of 60 degrees and do very well, but below this they will not make much growth. Even an occasional drop to 45 degrees will not kill them, but they would prefer 70 degrees most of the time. In summer, Palms will appreciate plunging in the ground to the top of the pots, in a half shady, moist situation. Sponge the leaves occasionally to keep them clean and free from insects.

**Explanation of symbols:** \*, Those hardy enough to grow outdoors along the Gulf coast or southern California, etc., or in a temperature not lower than 15 degrees Fahr. \*\*, Tropical species, not being able to withstand more than light frosts without more or less injury. **D**, Especially recommended for cultivation in greenhouses or for house decoration, although all sorts named may be thus grown if given suitable temperature. All Palms pot-grown.

All measurements are taken in a natural position, above the pots.



Large Palms etc. in Slat House ten feet high.

Note the magnificent Seafortthias eight to ten feet tall.

**ACROCOMIA**

- A. Sclerocarpa.** \* \* **The Groo-Groo Palm**, of Trinidad. A tall spiny-leaved palm with beautiful pinnate leaves, of very quick growth. Young plants, \$1 each, \$10 per doz.

**ARECA**

- A. Aleacea.** \* \* A rare pinnate leaved palm. Small plants, 50c each.
- A. catechu.** \* \* **Betel Nut Palm** from India. Reaches 30 feet in height and has leaves 3 to 6 feet long, with broad pinnae. Effective in a young state for conservatories. Strong young plants, 75c each.
- A. lutescens.** \* \* D. From India. A favorite sort now with the florist, and useful in all decorations. A remarkably fine decorative Palm, with light green foliage and yellow stems, branching at the root and throwing up numerous suckers. Very choice for house or greenhouse, and succeeds with almost every one. Leaves pinnate. Beautiful young plants in several sizes. About 6 inches high, 15c each,



Cocos plumosa.

\$1.25 per doz. Bushy plants about 18 inches high, 50c each; larger, about 2 feet high, \$1.00 each.

**ARENGA**

- A. saccharifera.** \* \* D. **Sugar Palm** of India. It attains a height of 40 feet and is beautiful in all stages. Pinnate leaves. The fibres of the leaf-stalks are used for ropes and cables; the sap makes sugar; the immature seeds made with syrup into preserves; the pith supplies a form of sago. Young plants, 50c each.

**ATTALEA**

- A. cohune.** \* \* **Cohune**, or **Monaco Palm** of Guatemala. This makes a peculiarly striking specimen, with immense upright leaves, 15 to 30 feet long, pinnate, with the tips curved gracefully. Too large for ordinary cultivation in a house, but may be grown in large Palm houses, or outdoors in extreme South Florida, or the tropics. The seeds are rich in oil. Fine young plants, \$1 each.

**BACTRIS**

- B. aurantiaca.** \* \* D. A pinnate-leaved Palm from Mexico, spiny, but beautiful. Newly introduced, 1903. Small, nice plants, 50c and \$1.00 each.

**CARYOTA**

- C. Blancoi.** \* \* D. A very rare species of the "Fishtail" palm. Young plants, 35c each.
- C. mitis** \* \* D. This species is from Burma. The plant forms dense clumps, suckering from the base like a musa, and has splendid bipinnate fronds with delta shaped leaflets. It is very interesting and of quick growth. Fine plants, 35c, 50c and 75c each.

**CHAMAEDOREA**

- C. glaucifolia (?)** \* \* D. A fine acquisition from Guatemala. (We are not certain as to the correct name of this species.) Pinnate leaved, of quick growth and good appearance, this will be found a charming addition to a palm collection. Strong plants with character, 35c and 50c each.

**CHAMAEROPS**

- C. excelsa.** \* **Chusan Palm**, from China. A very hardy fan Palm enduring hard freezing, living in middle Georgia with slight protection. A dwarf and slow grower. 2-year, small plants, 10c each, \$1.00 per doz. Larger, with character, 25c each.
- C. humilis.** \* A hardy palm from Southern Europe. Palmate leaves finely divided and deeply cleft. Dwarf. 25c and 50c each.

**COCOS**

- C.** A very large genus of **Pinnate Palms** mostly from South America. It contains both tropical and semi-tropical species; the hardy sorts being greatly esteemed as ornaments for streets and lawns, along the Gulf coast and California.
- C. Alphonsei.** \* Locally known in Florida as the **Belair Palm**. A stocky and rather quick grower for this group of hardy Cocos. Very hardy, having stood a temperature of 8 degrees Fahr. in North Florida during the freeze of 1895 unharmed. Leaves blue-green, evenly arched; seeds covered with an edible pulp of an apricot flavor. Small plants, no character, 25c each, \$2.50 per doz.
- C. australis.** \* This beautiful and hardy Palm from Brazil and Uruguay is at home along the Gulf coast, and pretty well up the California coast. The leaves are pinnate, blue-green, and recurved. Tree is of slow growth, but eventually reaches a height of 30 to 35 feet. Small, no character, 20c each, \$2 per doz.
- C. Bonneti.** \* D. Hardy, gray-green in color, when in full sunshine; in house culture it is a darker green and is now very much sought after for this purpose. Its ability to stand very much frost, coupled with its elegant style, has popularized it. Small, 15c each, \$1.50 per doz. Stronger, but without character, 25c each, \$2.50 per doz.
- C. campestris.** \* Resembles *C. australis*. A very choice species. 25c each, \$2.50 per doz.



**Cocos Weddelliana.**

**C. coronata.\*** A tall, fast-growing species confused with *C. plumosa*, which it closely resembles. The two species are invaluable for scenic planting in South Florida, as they are tall, elegant appearing trees, somewhat resembling the Royal Palm and being able to stand severe frosts after they are well established. In the cooler places of South Florida they need to

be protected through cold snaps for two or three seasons only. A fine stock of young plants without character, at 25c each, \$2.50 per doz.

**C. ———? "Dwarf Coconut," from Cuba.** An unknown species as yet. Strong young plants, not showing character, 50c each.

**C. eriospatha.\*** A large sized palm of the *Australis* type, with splendid reclinate leaves of a blue-green color. The finest cocos we have of this extra hardy type. Young plants, 25c each, \$2.50 per doz.

**C. Gaertneri.\*** Belongs to the hardy *Australis* type. Rare. 25c each.

**C. plumosa.\*** A perfectly magnificent palm, resembling a Royal Palm, but of slightly smaller size (reaching a height of 50 feet or more) with great plummy leaves from 10 to 15 feet long, dark shining green. There is nothing to approach this and *C. coronata*, for planting in semi-tropical regions, as the two similar palms will stand hard frosts after they attain some age and beautify any landscape effect. They are beautiful as single specimens, in clumps, or as avenue subjects. Fine young plants, without character, 25c each, \$2.50 per doz.

**C. nucifera.\* \* The Coconut Palm.** Well known for its nuts, oil and fibre. A large species not available for pot culture, as it is 3 or 4 feet high before the character leaves commence. Can not stand frost. Our plants are not pulled from open ground, but are potted. Good, 50c each; if by mail, \$1 each. Larger plants. 75c each.

**C. sp., from Entre Rios.\*** An exceptionally strong growing variety allied to *C. australis*. Small plants, 25c each.

**C. Weddelliana.\* \* D.** A most elegant species, adapted for decorations of all sorts. Dwarf, and very attractive. This is much used by florists for filling centers of fern-dishes and is especially nice for table decorations, being small, yet with full character. Nice plants, 25c each, \$2.50 per doz.

**C. Yatal.\*** A hardy species allied to *C. australis*. Young plants, 25c each.



**Sago Palms in Slat House, No. 6.**

**CORYPHA**

**C. macropoda.** \* \* A very rare Palm from the Andaman Islands. Leaves most immense, fan-shape, 12 to 20 feet across, on stems 18 to 25 feet long, beautifully arched. It has no trunk. Introduction of 1904. Young plants, \$2.00 each.

**CYCAS**

**C. revoluta.** \* D. The so-called **Sago Palm**. Perfectly hardy in the Lower South to middle California. Has a large number of beautiful pinnate, dark green leaves, which uncurl from the top of the stem, when growing, like ostrich feathers. It is a magnificent plant, available for scenic planting in the open air and grand for apartments. An immense specimen belonging to President Jefferson at his "Monticello" estate, is now flourishing in Florida. We have raised a number of seedlings from this "Fine Jeffersonian Democratic" cycas, and offer small plants, 2-years-old, at 25c each, \$2.50 per doz. Imported plants, with 3 to 5 leaves, 50c each, \$5.00 per doz.; 5 to 8 leaves, 75c each, 8 to 12 leaves, \$1.00 each; 10 to 15 leaves, \$2.00 each. Larger elegant specimens at \$3, \$4 and \$5 each.

**DESMONCUS**

**D. major.** \* \* D. An ornamental, warm-house Palm from Trinidad. The pinnate leaves are exceedingly prickly and the ends of the midribs have recurved, hook-like points; altogether very peculiar and interesting. The stems are small, reed-like and climbing. Rare. Young plants, 75c each.

**DICTYOSPERMA**

**D. rubra.** \* \* D. This is allied to the Arecas and sometimes called *Areca rubra*. Splendid pinnate leaves richly tinted with red. Rather dwarf. Small plants, 25c each, \$2.50 per doz.

**DYPSIS**

**D. Madagascariensis.** \* \* A slender smooth, pinnate palm from Madagascar. Rare and interesting. Young plants, 25c each, \$2.50 per doz.

**ELAIEIS**

**E. Guineensis.** \* \* D. The famous **Oil Palm** of the Guinea coast. A splendid pinnate-leaved Palm, attaining a height of 30 feet. The bright red fruit is crushed and pressed to obtain the Palm oil of commerce. Young plants, no character, 75c each, \$7.50 per doz. Larger, making character, \$1.00 each.

**ERYTHEA**

**E. edulis.** \* A tall, rather slender-trunked Palm, having fan-shaped filiferous leaves, and very downy (silvery color) sheaths and inflorescence. From Guadalupe Island off Southern California. Hardy and of slow growth. Small plants, 35c each.

**HYOPHORBE**

**H. amaricaulis.** \* \* D. From Mauritius. A

splendid Palm often 60 feet high, with a bottle-shaped trunk 15 to 24 inches in diameter at base, tapering up to the base of the leaves, then abruptly constricted. Leaves are pinnate and spineless; leaf-stems colored maroon, and the backs of leaves orange, making a rich appearance. Small plants, 50 cents each.

**H. Verschaffeltii.** \* \* D. A middle-sized Palm allied to *Areca*, and requiring same culture. The leaves are pinnate, very stocky, from 4 to 6 feet long when full-grown, of easy culture and a truly magnificent plant. The stems and midribs of the leaves are striped with a narrow line of orange-yellow on the under side, and the bases of leaflets are also touched with yellow, the effect being distinct and rich. It is a strictly first-class house palm, and ought to be in every collection. Fine young plants, 25c each; larger with some decorative value about a foot high, 50c each; good plants about 18 inches high, \$1.00 each.

**INODES**

**I. causiarum.** The **Hat Palm** from Porto Rico. Allied to our *Palmetto*. Newly introduced. Small plants, 25c each.

**LATANIA**

**L. Borbonica.** \* D. (Properly *Livistona Sinensis*.) The well-known **Chinese Fan Palm**. This is more largely grown as a house Palm than any other variety. Leaves are fan-shaped and of a pleasing shade of green. Very popular in decorative work, and capable of standing considerable cold. Strong but no character 15c each, \$1.25 per doz.; making character, 12 to 15 inches high, 25c each, \$2.50 per doz. Larger plants with imperfect foliage, 40c to 75c each.



**Hyophorbe Verschaffeltii.**



**Latania Borbonica in Open Ground.**

**L. glaucophylla.** \* \* D. A rare species with deeply divided glaucous leaves, tinged with red. This is a magnificent subject with few faults and of easy growth, entirely different in style and character from the foregoing species. It ought to be in every collection of palms, as the massive reddish leaves are absolutely different from any other palm. Fine young plants, beginning character nicely, 50c each, \$5 per doz.

#### LIVISTONA

**L. rotundifolia.** \* \* D. A most elegant fan Palm with round, recurved leaves. Leaves are closely set, and the plant is especially valuable for table decoration. Small plants, 25c and 35c each

#### MARTINEZIA

**M. caryotaefolia.** \* \* D. From New Granada. An elegant greenhouse species, the foliage of which resembles the Caryotas, but unlike them, has many black spines. Trunk slender, about 2 inches thick. It makes a showy specimen in a short time if given warm quarters, about such treatment as one gives Arecas. Fine young plants, no character, 35c each, \$3.50 per doz. Fine plants with character, 50c, 75c and \$1.00 each.

#### NEOWASHINGTONIA

**N. Sonorae.** \* A very hardy fan palm of southern California. There appears to be one species there but different botanists have named marked varieties: thus we have had **Pritchardia filifera**, **Washingtonia robusta**, etc. We consider the above the best strain of the lot. It is a splendid palm with reddish-brown blunt spines on the leaf-stems, and with threads hanging from the leaves. Is planted very commonly in California for a street tree. Small plants, 10c each, 85c per doz. Larger plants, 2-year-old, 20c each, \$2 per doz.

#### ORBODOXA

**O. Borinquena.** \* \* **Porto Rican Royal Palm**, differing in several respects from *O. regia*. Attaining a height of about 50 feet with a thick strong trunk. Leaves with broad pinnae. Does well in South Florida. Young plants without character, 15c each, \$1.50 per doz.; 2 to 3 feet high, ready to characterize, 30c each, \$3.00 per doz.

**O. oleracea.** \* \* D. The **Palmiste**, or **Cabbage Palm of Jamaica**. A noble Palm, much like *O. regia*, having coarser leaves and even more



**Martinezia caryotaefolia.**

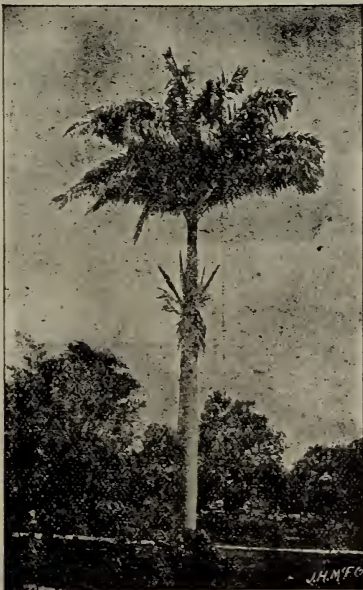
robust character than it, but requires more heat for successful growth. In the tropics this species reaches an immense size, and the splendid pinnate leaves are frequently 15 feet in length. Young plants, 1-year-old, 20c each, \$2 per doz.; 2-years-old, vigorous young stock, 30c each, \$3.00 per doz.

- O. regia.\*** \* D. The famous and grand **Royal Palm**. One of the grandest of pinnate Palms, growing to a height of over 100 feet, with immense plummy, feathery leaves and a straight, white trunk. A grand tree of extreme South Florida for avenue planting. Our nurseries were named from some fine trees we had transplanted from the "Royal Palm Hammock" in the Everglades where they are found wild. This succeeds as a house Palm, with same care and heat as *Areca lutescens*, and makes a tall, showy specimen soon. Young plants, no character, 15c each, \$1.50 per doz.; larger, beginning character, 2 to 3 feet high, 35c each, \$3.50 per doz.

### PHOENIX

The **Date Palms**. We unhesitatingly recommend the genus Phoenix for the most extensive planting in the open air in the lower South, and for the conservatory and the home. It is easily grown into grand specimens at an early age, and thrives in the house with but little sunshine. It is so very hardy and healthy that it can stand a good deal of neglect. Pinnate-leaved. Species follow:

- P. acaulis.\*** D. Stemless. A dwarf species from central India, particularly adapted for pot culture. Very ornamental in all sizes above a foot. Elegant plants of decorative size, 75c and \$1.00 each.
- P. Canariensis.\*** D. The **Canary Island Date**. One of the finest for open-ground planting, as it is very hardy and attains great size. A fine Palm for avenue planting, as well as single specimens. Small, 1-year-old, 10c each, \$1 per doz.; larger, at 25c each. Plants with character priced on application.
- P. dactylifera.\*** D. The **Commercial Date Palm**. This is the species which produces dates. A tall, coarse Palm not adapted as a house plant. Strong plants, no character, 15c each, \$1.50 per doz.
- P. farinifera.\*** D. India and South China. The seeds are covered with a sweet, mealy pulp, and the trunk yields a form of sago. A rare species seldom found true to name. Ours are direct from India and we know them to be genuine. Fine young plants, 25c, 35c and 50c each.
- P. paludosa.\*** **Swamp Phoenix**. Very thrifty young plants, 20c each, \$2.00 per doz. With character forming, 35c each, \$3.50 per doz.



The Royal Palm.

- P. pumila.\*** A good quick-growing sort having a slender trunk, not over six inches in diameter in a normal size. Particularly useful species for avenue planting, as it quickly reaches a good height and does not hold old leaf-stalks long. We have a very large, showy specimen in our grounds. Good young plants making character, 25c each, \$2.50 per doz. Larger at 50c each, \$5 per doz.
- P. pusilla.\*** D. A dwarf, low-growing sort, having blue-green leaves, which has proved exceptionally hardy. It has stood freezes in central Florida which were quite severe. The plant forms character when very small, and is a choice addition to the list of house Palms, rivaling *P. rupicola* in beauty, yet totally different in character and color. Fine characterized plants, 75c and \$1.00 each.
- P. reclinata.\*** D. Natal and Zululand. This is a magnificent species, especially adapted for growth in pots. The drooping leaves are dark-green color and the plant is of easy growth. Seeds are covered with an edible pulp, quite sweet. A fine species for open air here. Especially effective when shoots are allowed around the main trunk, as each specimen then makes an enormous green mound of great beauty. We grow this in enormous quantity and can offer all sizes. 3-inch pots, 8 to 10 inches high, 15c each, \$1.50 per doz.; making character, 4-inch pots, 12 to 18 inches high, 25c each, \$2.50 per doz.; larger, 35c, 50c, 75c, \$1, \$2.00 and \$3.00 each.
- P. r. var. Leonensis.\*** D. A strong growing form with more spiny leaves than the type and forming a thick heavy trunk. Thrifty young 2-year-old plants, 15c each, \$1.50 per doz.
- P. Roebelenii.** A new and most charming addition to the Phoenix group. A very dwarf plant, beautifully characterized when not over 6 or 8 inches high, forming a suitable companion to *Cocos Weddelliana* and *Thrinax Morrissii*. 2-year-old plants, forming character, 35c each.
- P. rupicola.\*** D. Himalayas. This is one of the finest of the genus for pots, and is not quite so hardy for the open ground here as many others, but still is seldom hurt by frost. Has wide-spreading, arching leaves, with small, close pinnae, making an elegant display. Small, no character, 15c each, \$1.50 per doz.; beginning character, 30c each, \$3.00 per doz. Fine specimen plants in beautiful condition for house decoration, 50c, 75c, \$1.00, and a few extra large, priced on application.

### PINANGA

- P. Kuhlii.\*** \* D. A very rare palm from Java, having a short slender trunk and leaves pinnate-sect. Small plants, \$1.00 each.

### PRITCHARDIA

- P. Pacifica.\*** \* D. A rare tropical **Fan Palm** from the South Seas. Leaves are large and drooping, of a light-green color. Very desirable for a pot-plant where the temperature does not drop below 60 degrees. It prefers 70 degrees to 85 degrees. Does well in extreme South Florida outdoors. Strong young plants, 35c, 50c and \$1 each.
- P. species from British Guiana.\*** \* D. A newly-introduced Palm not yet named. Rare even in Guiana. Fine subject for warm conservatory or hothouse. Strong plants, with character, 50c, 75c, and \$1.00 each.
- P. Thurstoni.\*** \* D. A rare, tall, Palm from Fiji Islands. Very tender and resembling *P. Pacifica*. Very thrifty plants in fine condition, with character, 75c and \$1.00 each.

### PTYCHOSPERMA

- P. Alexandrae.\*** \* D. A beautiful smooth, pinnate-leaved Palm from the Eastern Archipelago. Resembles *Seaforthia elegans*, but the pinnae are much finer and closer together and the under surfaces of a silvery color. Fine plants, showing character, 50c, 75c and \$1.00 each.
- P. MacArthurii.\*** \* D. (Incorrectly *Kentia MacArthurii*). A particularly pleasing and graceful Palm, spineless; from New Guinea. The plant is dwarf, and eminently suited for decoration in the house. Forms character very early and is a splendid Palm of easy culture, throwing up suckers from the base quite freely forming bushy

plants. Characterized specimens, 3 to 4 feet high, \$2.00 each; 4 to 6 feet high, \$3 to \$5 each.

#### RHAPIDO-PHYLLUM

- R. hystrix.\*** D. (Chamaerops hystrix). A stemless Palm found but sparingly in moist spots in Florida and lower Georgia. The leaf is green above and silvery beneath, and remarkably handsome. Around the base of the stems are long, slender brown or black needles, several inches long, which can be pulled out entire. The Palm is called "**Porcupine Palmetto**," from this armament. Young plants, 35c each.

#### SABAL

- S. Adansonii.\*** D. The **Dwarf Palmetto**, or **Blue Palm**, of Florida and Georgia. a stemless species with dark, blue-green fan leaves reaching 4 or 5 feet in height. It is particularly hardy, standing a temperature of 2 degrees Fahr. without injury. Leaf-stems are unarmed. Small, 2-year-old, 10c each, \$1.00 per doz.
- S. Blackburniana.\*** One of the West Indian giant palmettos, with enormous leaves. 1-year-old, small, 10c each, \$1.00 per doz. 2-year-old, 15c each, \$1.50 per doz.
- S. mauritiaformis.\*** \* **Savana Palm** of Venezuela and Trinidad. The largest of all Sabals and a majestic Palm when well grown: the leaves are gigantic, measuring 12 feet across on long stems. The trunk is from 1 to 1½ feet thick and the tree attains a height of 75 feet. Small plants, 2-years-old, 25c each, \$2.50 per doz. Larger, forming character at 75c each.
- S. Mexicana.\*** **Mexican palmetto**, from lower Texas and upper Mexico. A large palm, considerably bigger in all its parts than S. Palmetto, which it closely resembles, 25c each, \$2.50 per doz.
- S. Palmetto.\*** The famed **Cabbage Palmetto** of the Carolinas and Florida. This forms a tall tree, with a large head of fan leaves, and is useful in many ways. The trunk makes a good pile, resisting attacks of the borer in sea water. The leaves make the best of thatching. This tree can be grown all over the Lower South through to upper California. Young plants, no character, 10c each, 85c per doz.; better, 15c each, \$1.50 per doz.
- S. umbraclifera.\*** D. The tallest species known, reaching a height of 80 feet in the West Indies. It is hardy here, and does well. It is very different in style from S. Palmetto, with large leaves of drooping habit, not so closely



Phoenix reclinata in our Grounds.

arranged on the trunk, and with longer stems. A very desirable sort for both house and outdoors in the South. 2-year-old, 25c each, \$2.50 per doz. Larger, 35c each, \$3.50 per doz.

#### SEAFORTHIA

- S. elegans.\*** \* D. A most graceful plant, eminently adapted for decorative uses. Quite well known everywhere for its feathery elegance and pretty character. The pinnate leaves are 2 to 8 feet in length, dark green and perfectly smooth. This was considered by the late John Saul the best allround Palm for the living-room in a temperate clime. Should have a light, sunny situation, light, rich soil, with moderate moisture. We have a large stock of this valuable Palm in several sizes. Small, no character, 10c each, \$1 per doz.; 3 inch pot-plants, no character, 15c each, \$1.50 per doz.; 4-inch pots, with character, 25c each; 5-inch pots, very good, 50c. Larger plants about 2½ feet high, 75c; about 3 feet high, \$1.00. Very large specimens, with trunks forming, plants 5 to 9 feet high, \$5 to \$10.00 each.

**THRINAX**

**T. altissima.\* \* D.**  
An exceedingly beautiful fan palm, with small leaves deeply cleft. Fine plants, characterized, 75c each.

**T. argentea.\* \* D.**  
**Silver Thatch Palm** of West Indies and Florida Keys. A beautiful slow-growing fan Palm, with leaves silvery on the under side. 25c and 50c each.

**T. Barbadosensis.\* \* D.**  
A splendid species for house growth, resembling *T. parviflora*, but more slender. An exceptionally pretty Palm. The deeply-cleft leaves drooping over in a very attractive way. It is particularly useful for table decoration, having full character when not over a foot high. Small plants, 15c each, \$1.50 per doz. Nice plants with character, 6 to 8 inches high, 25c each, \$2.50 per doz.; 10 to 12 inches high, fully characterized, 50c each, \$5 per doz.; elegant specimen plants, 12 to 15 inches high, 75c each.

**T. excelsa.\* \* D.** This is a larger species than the preceding, with leaves silvery on the under side. A good Palm for the house, but extremely slow in growth. Commencing character, 40c each, \$4 per doz.

**T. Morrissi.\* \* D.** A newly discovered Palm, found in Anguilla, in the West Indies. Very



**Phoenix rupicola.**

dwarf in habit, reaching only about 2½ feet in height. The leaves are glaucescent on under surface and deeply divided. The plant is of slow growth, but exceedingly beautiful when in full character. Nice little plants with character, 30c each, \$3 per doz.

**T. parviflora.\* \* D. Thatch Palm, or Royal Palmetto Thatch.** One of the finest Palms for decorative purposes, but of slow growth. The deeply divided yellowish-green leaves on slender stems form a graceful, umbrella-like crown of exceeding beauty. All the *Thrinax* Palms, except *T. excelsa*, have slender trunks. Good young plants, 25c to 50c each.

**ZAMIA**

**Z. integrifolia.\* \* D.** A beautiful dwarf Cycad of about 18 inches in height. Known in this state, where it is a native, as **Comptie**. The roots (trunks) are grated for starch. The leaves are very pretty, pinnate and numerous. Plants all characterized, 20c to 35c each.

**Z. species from Guatemala.\* \* D.** A rare unnamed sort introduced last year. The growth is very strong and vigorous and shows it to be utterly different from the preceding with much larger, broader leaves. We consider it a choice acquisition. Fine young plants, 75c each.



**The Shore near Oneco, lined with Cabbage Palmettos.**

For other choice decorative plants often listed with Palms, see *Pandanus*, page 44. *Dracaena*, page 43 and *Curculigo*, page 43.

**Collection A.**—Five small Palms, good sorts, all different, by mail for 50 cents.

**Collection No. 1.**—Ten Palms, all different, in nice plants, sent by mail to any address for \$1.

**Collection No. 2.**—Ten Palms, different, in larger sizes than above, sent by mail for \$2.



*Seaforthia elegans*. Three sizes, at 25c, 50c and 75c each.

Collection No. 3.—Five Palms, all different, showing character, and ready for immediate decorative effect, for \$2.50

State whether wanted for outdoor planting or for pots. We will make a suitable selection.

Above offers are of Palms of our choice only.

As all Palms are pot-grown, they may be transplanted at any time, or shipped to any distance safely.



*Thrinax Barbadensis*.



*Thrinax Morrissi*

## VIII. Ferns and Selaginellas.

Varieties with the asterisk (\*) are the more hardy sorts. Others should be kept from hard frosts, being tropical. Our list embraces a very choice collection and will be found quite complete. See special offers of collections of Ferns, at end of Department.

Ferns are becoming more generally grown as decorative plants for many special uses, as specimens for green-house or home, in groups in ferneries, and in fern-dishes for table decoration, etc. Most of the sorts we list can be grown into large specimens, for jardinières and hanging baskets, if desired, and will be found useful for shaded places, where other plants would fail. In house culture these should all be given some sunshine, if possible daily. The less light they get the more frail and weak they become. Soil should be generally rather light, with leaf-mold, or very old, well-rotted manure. Too much manure is injurious, yet some sorts will be benefited with considerable added as a top-dressing. Concentrated fertilizers are not so well suited for Ferns as for more rank-growing plants.

### ADIANTUM

#### Maidenhair Fern.

One of the choicest genera, with many species adapted for growing in the house. Usually with black or brown stems and delicate green pinnae.

**A. cuneatum.** The most generally known. Quadripinnate foliage. Very fine for any purpose. Elegant decorative plants, 15c, 25c and 35c each.

**A. hispidulum.** (Pubescens.) A spreading, quite erect species, forming specimen plants 12 to 15 inches high, 15c each.

**A. hybridum** ("Croweanum"). A splendid new species forming large specimens, and thriving in this climate. A magnificent sort for florist work and now attracting wide attention. The cut fronds keep well and are almost as fine, and fully as graceful as Cuneatum. Fine plants, 15c, 25c, 35c and 50c each.

**A. lunulatum.** Crescent shaped leaves. This is a peculiar Walking Fern, rooting at the tips of the fronds and forming new plants. 10c and 20c each.



**Adiantum hybridum.**

large, open air fernery. Roots, 10c each, 85c per doz.

### ALSOPHILA

**A. australis.** The famous Tree Fern of Australia, growing upright, with a trunk 15 to 25 feet high. Splendid fronds. This is always rare and costly. Nice young plants, 25c each.

### ASPIDIUM

**A. tsussimense.** The florists of the country pronounce this the best Fern for dishes. It is of strong but dwarf and graceful habit; of good color and excellent keeping quality in the house. Strong plants, 15c and 25c each.

**A. Thelypteris.\*** One of our most delicate native Ferns. The leaves are narrow and very finely cut. It spreads readily and quickly fills a large pan. 10c and 20c each.

**A. unitum-glabrum.\*** One of our common native ferns growing 2 to 3 feet high. Useful in a

### ASPLENIUM

**A. lanceum.** A climbing Fern, growing upon rough bark readily. Leaves simple, only about 2 or 3 inches long, and about  $\frac{3}{4}$  of an inch broad. 25c each.

### BLECHNUM

**B. Braziliense.** A fine tree-fern of small size from Brazil. The leaves resemble in shape and coloring the following species, but are much larger. A very showy plant. New foliage is of a rich wine-color, gradually turning to bronze and then to green. Fine plants, 35c each.

**B. occidentale.** A handsome dwarf species with pointed leaves, rooting from runners. It is of easy culture and very desirable. Has new growth of a rich bronze. Fine plants, 10c and 20c each.

**B. serrulatum.\*** A Florida species, upright in growth, reaching 2 to 3 feet. Splendid for a tall sort for a back-ground in a fernery. 15c each.

### CIBOTIUM

**C. Barometz.** This belongs to the **Tree Ferns** but has no trunk; the leaves are extremely delicate, yet large, reaching a height of 5 feet or more. Leaves lace-like, and scented. A grand specimen plant of exceedingly quick growth and very showy. You will be pleased with this. Strong plants, 10c, 20c and 35c each.

### DAVALLIA

**D. Stricta.** An exceptionally pretty plant, finely cut foliage resembling lace. Of medium size. 25c each.

### GYMNOGRAMME

**G. tartarea.** **Silver Fern.** Tall and vigorous, with a white powder on the under side of the newly cut fronds; grows 3 feet high. This is a charming plant for the home, but will not stand a very dark situation. Give it plenty of light and heat. Elegant plants, 10c, 15c and 25c each.

### LASTREA

**L. aristata var.** Very fine greenhouse Fern from Australia. Beautifully variegated with creamy yellow. 20c each.

**L. opaca.** Very vigorous grower, reaching a height of 18 inches. 25c each.

**L. species from Jamaica.** Forms fine specimens and does well in this climate. Strong, showy plants, 35c and 50c each.

### LOMARIA

**L. gibba.** A rather dwarf tree-fern of New Caledonia. The leaves resemble a *Blechnum* but the new growth is of a pleasing green instead of reddish as in *Blechnum*. It always carries a good head of foliage and soon forms a slender trunk like a little palm tree. Very interesting and ought to be in every collection. Very fine stocky plants. 25c and 35c each.

### LYGODIUM

**L. scandens.\*** **Japanese Climbing Fern.** A lovely and distinct vine, having very pretty, short fronds, invaluable for cutting. Will grow up to a height of 10 feet, and climbs prettily over wirework, tree trunks, if rough, or like support 15c each, \$1.50 per dozen.

### MICROLEPIA

**M. hirta cristata.** A very soft and finely cut Fern, appearing too delicate for growing in the house, yet not difficult to grow into large specimens, the fronds spreading gracefully, like a Boston Fern. 20c each.

**M. hispida.** New to us. Fronds not so finely cut as the species, but a very free grower. 15c and 25c each.

### NEPHRODIUM

**N. hertipes.** A showy fern of medium size; very quick in growth. 40c each.

### NEPHROLEPIS

**The Sword Fern.** The various species of this popular genus are the best known house Ferns, growing under various conditions and with indifferent care they manage to thrive where other plants fail. We grow them all in immense quantities for both retail and wholesale customers, and our plants are very fine and stocky, perfectly free from pests. (This latter remark applies to all our Ferns.)

**N. cordata compacta.** Stocky and dwarf, with fine, dark green leaves. One of the finest. 25c each.

**N. cordifolia.** A long-leaved **Sword Fern**, with tubers on its roots. Very handsome. The late Peter Henderson considered this the best of all Sword



**Adiantum lanulatum.**

Ferns for the home. 10c, 20c and 30c each.

**N. Davallioides furcans.** The "Stag-Horn Boston" Fern. A grand decorative Fern, with the ends of the leaves or leaflets curiously divided and crested; splendid. Greatly in demand as a basket or jardiniere Fern, forming immense, elegant specimens. This is as hardy as a Boston Fern and just as easy to grow. Fine plants, 25c, 35c, 50c, 75c and \$1 each.

**N. Duffii.** A tufted species, with branched fronds of good substance. A very pretty small species, which should be in every collection. 15c to \$1.00 each.

**N. exaltata.** The famed Sword Fern, native to all parts of the tropics. Formerly universally grown as a basket plant, but now generally superseded by the Boston Fern. We still grow it. 10c and 20c each.

**N. exaltata Bostoniensis.** The famed Boston Fern. This differs from the type only in attaining greater size and length of fronds. It is a splendid decorative plant, especially fine for baskets, or when planted on a tall pedestal. 10c, 20c, 35c and 50c each.

**N. exaltata cristata.** The crested Boston Fern. A new and charming plant resembling *N. Davallioides furcans*, but more finely cut, and dwarfier. 35c and 50c each.

**N. pectinata.** Dwarf Sword Fern. Very neat plant, the only species useful for small dishes. 15c and 25c each.



#### **Cibotium Barometz.**

**N. Piersoni.** Pierson's Boston Fern. A sport from the ordinary Boston Fern with divided pinnae. It is a splendid fern of easy growth and equally as hardy as the Boston. Fine plants, 15c and 25c each.

**N. rufescens tripinnatifida.** This has the finest cut leaves of all Sword Ferns, hence called **Ostrich Feather Fern.** A splendid plant, requiring a little more warmth than the Boston Fern during the winter. The fronds attain a length of 3 or 4 feet, yet are still as fine and delicate as smaller ones. A splendid species. Fine plants, 15c, 25c, 35c and 50c each.

**N. Scottii.** Scott's compact Boston, a very fine new fern having many more fronds, of a shorter size than the common sword fern at same age. It is one of the few really good developments of the past four years. It is a very fine thing. 10c, 25c, 35c and 50c each.

**N. Whitmani.** A very finely divided-leaf form of the Boston fern, originating in Massachusetts under greenhouse culture. The leaves are not so long as the Boston fern, but are exceptionally broad, the subdivided pinnae lapping over each other and the frond attaining a great width and weight. This sort is magnificent when grown in a wire basket, or on a pedestal, where the fronds can be properly appreciated. Nice plants, 25c each.

#### **OSMUNDA**

**O. cinnamomea.\*** The Cinnamon Fern. A hardy native Fern



**Gymnogramme tartarea.**

used for large ferneries, and reaching a height of 3 to 5 feet. 15c and 25c each.

- O. regalis.\*** The **Royal Fern**. This has broad but elegant foliage; of good size, growing 4 to 5 feet high. 15c and 25c each.

### POLYPODIUM

- P. aureum.** A tropical species, here growing on palmetto trees or the rotten bark of oaks. The leaves are large and light green, with a glaucous under surface. Coarsely divided. 20c each.
- P. incanum.\*** **Resurrection Fern.** A dwarf species, growing about 6 inches high, usually on the trunks of oaks and hickories. When the weather is damp the Fern is very noticeable, but in a drought the fronds are tightly curled. A pretty little sort with tough leaves. 10c and 25c each.
- P. phyllitidis.** The **Mart's Tongue Fern.** A queer native Fern, having upright leaves, smooth and simple; sword-shaped. Fine to grow among delicate Ferns to bring out the contrast. 10c, 15c and 25c each.

### POLYSTICHUM

- P. capense.** A strong-growing Fern with dark glossy leaves, not finely cut, but large and showy; very durable foliage. New and rare. 40c each.
- P. setosum.** More dwarf than the preceding species. A fine decorative kind of very pleasing style. Fine plants, 25c each.

### PTERIS

- P. cretica albolineata.** A beautifully striped Fern. Dwarf and very suitable for jardinieres, fern-baskets, etc. Leaves white and green. A charming plant. Pronounced by leading florists the best variegated Fern. 15c and 25c each.
- P. marginata.** A rare Hawaiian Fern, growing 4 or 5 feet high and making very large, bold specimens. The leaves are rather coarse, palmately-shaped, four feet across. New. 25c and 35c each.
- P. serrulata cristata.** A splendid species of easy growth, the slender fronds being tufted and freely divided, making very pretty specimens. Beautiful plants, 15c and 25c each.
- P. serrulata magnifica.** Somewhat like the preceding but larger. Large, fine plants, 25c each.
- P. Sieboldii.** A fine florist fern of slower growth



*Lomaria gibba.*

than most Pteris; dark green elegant foliage. Is used very much for filling fern dishes. Fine plants, 15c and 25c each.

- P. Victoriae.** A delicately cut Fern resembling *P. cretica*, but very much smaller; has variegated foliage. Fine species. Strong plants, 15c and 25c each.

### SELAGINELLA

**Club Moss.** These delicate plants are reminders of the prehistoric coal age, when they grew remarkably large and lovely; they are mostly dwarf now, and are cultivated with Ferns; they make magnificent specimens for Wardian cases, for table decoration and for bouquets, as well as for other minor uses. They are all very beautiful; of extremely easy growth.

- S. Braunii.** Beautiful erect species with curving leaves of a very dark green color, a foot long. One of the very finest. Strong plants, 25c each.

**S. cuspidata.** A lovely tufted species, growing about 6 inches high. A very fine pleasing variety, especially suitable for small jardinieres and fern-dishes. 25c each.

**S. Emmelliana.** A very charming variety, making a dense clump, with many stems. It forms fine specimens, and is a good cutting sort. Fine plants, 20c each.

**S. Kraussiana.** A delicate West Indian creeping sort, invaluable for edging for greenhouse beds, tubs etc., and for bouquets. 10c each.

**S. uncinata.** A quick-growing creeper with many shades of green and bronze. Called oft-times **Rainbow Moss**. Useful for edging or for covering a surface quickly. 10c each. Masses of it, 25c each.

**S. Vogelii.** A splendid erect species, growing from 1 to 2 1-2 feet high, and forming dense clumps of great beauty. Rare. 25c each.

**S. Willdenovii.** A choice, large-growing sort, with fronds 8 to 10 feet long. Very quick grower and valuable for large fernery. Fronds are all shades of bronze, peacock blue, and green. 35c each.

### WOODWARDIA

**W. angustifolia.\*** Native creeping Fern, growing in moist, mucky soil, of dwarf habit. Leaves very coarsely divided. 10c each.

**W. Virginica.\*** Large native Fern. Suitable as a background in a



The Boston Fern.

fernerly of hardy varieties. Grows up to 3 feet high and spreads quickly. 15c each.

**No. 1 Collection** of five strong Ferns, all labeled, for 40 cents, postpaid. (Our selection only.)

**No. 2 Collection** of ten Ferns, including some of the rarer sorts, all very choice sorts, all labeled, for \$1 postpaid. (Our selection only.)

**No. 3 Collection** of five Ferns in large size, of great decorative value, fine sorts, all labeled, \$1.25 postpaid. (Our selection only.)

**No. 4 Collection** of ten sorts, all different, suitable for a fernery, strong, showy plants, not labeled, for 75 cents, postpaid.

Please read all **Business Remarks and Rules—especially Rules 4 and 8.** You will find it to your interest.



*Nephrolepis rufescens trip'a.*



View in Fern House.

#### TESTIMONIALS FROM THE WEST INDIES

Nassau, Bahamas, Nov., 1906.—“The plants to hand in good order and I am now enclosing” etc.—H. M. Frith.

Antigua, British West Indies, Nov., 1906.—“I beg to thank you for so promptly sending the citrus trees and roses which reached me in splendid condition.”—A. S. Archer.

Kingston, Jamaica, Dec., 1906.—“The plants arrived in good condition.”—W Harris, Supt. Hope Gardens.

Holguin, Cuba, Jan., 1907.—“All arrived in fine shape.”—Thos. R. Towns.

Omaja, Cuba, March, 1907.—“I received my plants all right. It beat sending to California, and I got more for my money and larger plants than from any other nursery in U. S. A. and I have dealt with most of them as I was in the business long before I came to Cuba.”—Con. Plant.

Ridgewood, N. J., August, 1907.—“The trees you sent arrived in good condition and every one alive. They are making fine growth.”—Mary Leitch.

(Refers to a large lot of grafted mango trees sent to Porto Rico, Sept. 1906.)

## IX. Foliage and Decorative Plants.

Mostly tropical, suitable for greenhouses, the living-room, warm business offices, for bedding out in summer at the North, or planting permanently in open ground in the tropics, and along our southern and western coast regions where only a slight protection from frost will be necessary. The surest method of protecting the stems and roots is to bank up with soil as high as one chooses, to keep out actual freezing; do this at the signs of the first hard frost and leave until growth starts in the spring. Nearly all are pot-grown.

### ACALYPHA

**A. bicolor compacta.** A choice new plant having large leaves, bright green, margined and blotched with creamy yellow. Splendid bedder. 25c each.

**A. Godseffiana.** This is also new and worthy of extensive planting. Leaves are broad, green, widely margined with yellow and suffused more or less with pink. 25c each.

**A. marginata.** (Macafeana.) The old well-known sort, green-leaved, margined with varying shades of red, pink and cream color. Here attains a large size, frequently six feet high in one season. All the Acalyphas are gorgeous. Strong plants, 10c each, \$1 per doz; larger, 15c each, \$1.50 per doz; very strong bushy plants, 25c each, \$2.50 per doz. Tall specimens, 35c each.

**A. Miltoniana.** A new dwarf, with delicate cut leaves, variegated with white, cream and green. Showy specimens. 15c and 25c each.

**A. mosaica.** (Triumphans.) Mosaic-leaved. A grand species, showing the most color of any of the species, leaves all shades of green, yellow and red, with curious markings, and quick in growth. Large, showy pot-plants, 15c, 25c and 35c each.



Acalypha Foliage; Shows Five Varieties.

### AMAGLYPTUS

**A. sp.** A purple-leaved plant of slight trailing habit, useful for baskets or for covering tubs or borders. 10c each, \$1 per doz.

### AMOMUM

See Department III.

### ANANASSA

**A. Variegated Smooth Cayenne.** (See Tropical Fruit Department.) Leaves green and white; sometimes suffused with pink. Fruit excellent. Splendid showy plants. 50c and 75c each.

### ARALIA

Very ornamental foliage plants for house culture, or open air in the summer. Fine bedders, if given slight shade during part of the day. Plants with age reach a height of 10 feet. Very desirable; grown in pots.

**A. filicifolia.** Leaves fern-like; petioles marked with oblong white spots. Exceedingly elegant and graceful. Fine plants, 25c each.

**A. Guilfoylei.** A very handsome species with variegated foliage, green, white and cream. A rapid grower, and one of the most showy sorts. A fine pot-plant. Nice plants, very showy, 15c to 50c each.

### ARDISIA

**A. crenulata.** A choice, half-hardy, broad-leaved evergreen shrub, bearing a profusion of scarlet berries and much used in decorations. 1-year, small, 10c each, \$1 per doz. Larger, of fruiting size, 50c and 75c each.

**A. crenulata alba.** Fruits are white until nearly ready to drop, when they turn pink. 1-year, small, 10c each, 85c per doz. Large 25c each.

**A. Pickeringii.** Our native **Spiceberry** bush; a pretty broad-leaved shrub, bearing masses of small white flowers, followed by black berries which have a pleasant flavor. 1-year-old, 10c each, 4-years-old, fruiting, 35c each.

**A. polycephala.** A handsome, smooth-leaved species of great beauty. Forms a splendid decorative plant. New leaves are wine-colored; berries black. 1-year, 10c each, 85c per doz.; strong plants, bearing size, 16 to 24 inches high, 35c each, \$3.50 per doz.

### ASPARAGUS

**A. plumosus.** A very fine, fern-leaved, climbing plant, particularly nice for bouquet work. It is a splendid pot-plant and may be kept in a bushy shape for a long time. Here in Florida and all along the Gulf, and in California, it grows finely in the open ground and may be trained over trellises. It is a grand plant anywhere. Fine stocky, 10c each, \$1 per doz.; larger, 15c and 25c each.



*Asparagus plumosus.*

**A. species, Natal.** A vigorous climber with very attractive foliage and small sweet flowers resembling the "Maderia Vine" in color and fragrance. Rare. Strong plants, \$1 each.

**A. Sprengeri.** A fine plant, now much used in all decorations; when cut the fronds keep well and are very beautiful. The sprays of growth are peculiarly much branched and very fine-leaved; rich green. Originally introduced by us from South Africa in 1888. Now grown in vast quantity by the florist for decorative work of all sorts. The finest basket or vase plant known for general house culture. Nice plants, 10c each, \$1 per doz.; larger, 15c each, \$1.50 per

doz.; strong specimens, 25c, 35c, 50 and 75c each.

### ASPIDISTRA

**A. lurida variegata.** A grand old decorative plant from Japan. Leaves broad and canna-like, variegated, white and green. Grows about 18 inches high. 50c and \$1 each.

### BROMELIA

**B. pinguin.** Has the appearance of a large Pandanus, with deeply serrated foliage and crimson center when mature. 35c each.

### COLEUS

**C.** A few good sorts of this valuable old bedding plant always in stock. Strong, 10c each, 35c per doz. Larger, 20c each.

### COSTUS

**C. speciosus.** "Up we pushed along the narrow path, past curious, spiral flags (*Costus*), just throwing out their heads of delicate white or purple flowers."—Kingsley. Native of Central America and Lower Antilles. A rare and beautiful decorative plant, requiring a sunny situation for best growing. 20c to \$1 each.



*Asparagus Sprengeri.*

### TESTIMONIALS FROM THE WEST

Blackwell, Oklahoma, March, 1907.—"We received the plants that we ordered from you a few days ago, yesterday. I never saw plants that were put up in better condition than they were and that arrived in better shape."—Roy L. Shaw.

Muskogee, Ind. Ter., Apr., 1907.—"We are pleased to state that the trees and plants purchased of you are doing fine."—Creek Undertaking Co.

Bracken, Texas, April, 1907.—"Plants arrived in due time in excellent condition. Please accept my thanks for extras."—Albert Andreas.

Spielerville, Arkansas, April, 1907.—"We ordered plants, especially palms, from you on previous occasions and were very well pleased with the shipments, especially with the additional plants sent us to make up for the expressage."—New Subiaco Abbey.

Harrison, Arkansas, May, 1907.—"Plants arrived in fine condition. Many thanks for extras."—Leona James.

Salt Lake City, Utah, June, 1907.—"I received my plants from you today and am very much pleased with them. They came in such fine shape. Many thanks."—Arthur E. Strong.

El Paso, Texas, June, 1907.—"The plants received are fine."—H. A. Kezer, Florist.

Luling, Texas, May, 1907.—"Received the ferns in good order. Am very much pleased with them."—Mrs. T. E. Cocreham.

## CROTONS.

These splendid plants are natives of the South Sea Islands, but are now universally grown in warm countries in the open ground and in all Europe and the United States as choice hothouse plants. They ordinarily survive our South Florida winters, but need protection on frosty nights. They make splendid pot-plants for the piazza or window-garden. Leaves are brilliantly variegated in colors of the rainbow, and present a fine appearance. A grand bedding plant, standing the hottest sunshine, which adds greater brilliancy to their colors. We have 40 different sorts, all of which, if planted out in the spring, will make good specimens by autumn, when they can be lifted and potted for the house. Among our large collection are a number of unnamed varieties. Our stock consists of thousands of plants—the largest in the South. We offer mixed plants without labels, nice, small, sure to grow, at 10 cents each, \$1 per doz. (all different). Larger, about 6 to 10 inches high, 15 cents each, \$1.50 per doz. Better plants, 25c each, \$2.50 per doz. Following are named varieties:

**Amabile (Variabilis.)** Broad-leaved of slow growth, with highly colored foliage showing pink, purple, green, yellow, etc. 20c and 35c each.

**Angustifolium.** Very narrow, green and yellow. 20c each.

**Appendiculatum.** Plain green, with a divided leaf; one-half hanging by the midrib only. 15c and 35c each.

**Aucubaefolium.** Broad and short in leaf; green, with yellow dots and bronze under surface. A standard sort. 10c, 15c and 25c each.

**Aureo-Maculatum.** Narrow, small leaves; green with yellow dots. Fine for edging a bed. 25c and 35c each.

**Baroness Rothschild.** Broad leaves of bright crimson, yellow and green markings. A very desirable new variety." 25c and 35c each.

**Barryii.** Broad green leaves, with veins and blotches of bright yellow. Leaf stems tinged red. New and choice. 25c and 35c each.

**Cooperii.** Leaves yellow-veined and blotched, changing to red. 15c to 35c each.

**Cornutum.** Narrow, wavy-margined, dark shining green, mottled with yellow, the midrib projecting at the tip. 20c to 35c each.

**Dayspring.** Leaves rather broad, orange-yellow, edged green and tinged red. Very fine. 20c and 35c each.

**Dermannianum.** Small but broad leaves; bronze-red, yellow and green. Fine for edging. 10c to 35c each.

**Disraeli.** Trilobed leaves of various shades of yellow and pale green; edges and under surface bright red. 25c and 35c each.

**Evansianum.** Leaves three-lobed, veined yellow and mottled yellow, bronze and orange. Fine sort. 15c to 50c each.

**Fucatum.** Leaves obovate-elliptic; green, blotched yellow; petioles pink, very bright and fine. 35c each.

**Hawkeri.** Medium narrow leaf, mostly yellow; margins green. 15c and 25c each.

**Inimitabile.** One of the brightest of all Crotons, crimson, yellow and green; leaves rather wide. 25c and 35c each.

**Andreanum.** Broad-leaved; neat habit and free growth. Light color, orange, etc. Extremely fine. 15c and 35c each.



Croton foliage; 1 *Interruptum*; 2 *Begina*; 3 *Irregulare*; 4 *Picturatum*.

**Interruptum.** Dark purplish green above, crimson midrib. Rather broad-leaved, notched and twisted, 15c to 35c each.

**Irregulare.** Medium broad, rather oblong. Shining green with yellow blotches and midrib. 15c to 35c each.

**Johannis.** Long narrow leaves; green, ribbed and margined with yellow. Fine, 15c to 35c each.

- Maculatum-Katoni.** Broad trilobed leaves, green, with circular, rich yellow spots. 25c and 35c each.
- Majesticum.** Leaves narrow and long, mottled green and yellow, and shaded with crimson. New. 15c to 35c each.
- Makoyanum.** Broad leaved, with chocolate and carmine markings. 15c, 25c and 35c each.
- Maximum.** Large, broad leaves, rich cream with a little green. 25c and 35c each.
- Morti.** Broad leaves; green, with a great amount of yellow. One of the showiest. We have a splendid stock of this fine variety. 15c to 35c each.
- Nestor.** "Olive ground; pink midrib and green spots. One of the finest of all. A fine bedder." A new sort. 35c each.
- Picturatum.** Narrow leaves. Green, carmine, yellow, orange, etc. One of the richest colored, and valuable for all places—as a specimen for edging, massing, etc. 15c to 35c each.
- Prince of Wales.** "Long twisted leaves of yellow, green and red." New. 25 and 35c each.
- Queen Victoria.** Broad-leaved. An elegant sort, with rich colors. Green, golden yellow, magenta, crimson. 15c to 50c each.
- Regina.** Broad-leaved. Crimson, brown, green and yellow. 15c to 35c each.
- Splendens.** Broad leaves, richly marked yellow and dull red on a green ground. 15c, 25c and 35c each.
- Stewartii.** Broad, handsome leaves, marked with yellow and red on the green. 25c and 35c each.
- Tortilis.** A curious, twisted and curled-leaved sort, marked red and green, with a touch of yellow. 25c and 35c each.
- Veitchi.** Broad-leaved, green, pink and crimson. 15c to 50c each.
- Volutum.** Medium broad, curled leaves. Green with occasional yellow midrib, or sometimes a series of leaves clear yellow. 20c and 35c each.
- No. 2.** Rather narrow leaves, something like Irregular, but with the colors of Veitchi. The leaves are curiously divided, with prominent bare midribs and hanging tips. 15c and 35c each.
- It must be remembered that the final coloring of



**Ficus altissima.**

Crotons is different from the first or growing colors of young plants, and the influence of shade is very marked on them. They need bright, clear sunshine for full development. Our plants are very vigorous, most all highly colored and fine in every way.

**CURCULIGO**

**C. recurvata.** Bengal. A palm-like plant, much resembling, a young cocoanut palm. Much used in decorative work by florists, and valuable for vases and jardinières. Fine, pot-grown plants, 15c and 25c each.

**DIEFFENBACHIA**

**D. nobilis.** A fine evergreen perennial with handsomely variegated foliage, something like a dwarf musa. The leaves of this species are rich green profusely blotched and spotted with white except at the edges, where the ground color forms a marginal band. Needs plenty of heat and moisture. 25c and 35c each.

**DRACAENA**

- D. Braziliensis.** This and following species are commonly called Dragon Trees, or Dragon's Blood Trees. This species has wide, thin, green leaves with a touch of pink on the margins at times, and gives a rich tropical effect. Grows up like a dwarf palm with a slender trunk, about 5 to 10 feet high. 25c and 50c each.
- D. fragrans.** Flowers fragrant; foliage rich green, rather narrow, but giving a massive effect when well grown. A fine subject for a large effect. 20c to \$1 each.
- D. Guilfoylei.** Broad leaves of a light shade of green, finally becoming marked with pink and creamy yellow, especially during cool weather. Nice plants. 15c to 75c each.

**DRACONTIUM**

**D. asperum.** A very rare aroid from Porto Rico and Brazil. The single pertuse leaf attains 3 feet, resembling *Armorhophallus*. 35c each.

**EUPHORBIA**

**E. pulcherrima. Poinsettia.** Native of Mexico. A common plant of the tropics, and well-known in northern hothouses for the great scarlet bracts surrounding its flowers; produced in winter and often remaining bright for months at a time. Does well anywhere in South Florida



**Grevillea robusta.**

outdoors, growing to large size. It is a splendid object from Thanksgiving to March 1. If cut by frost, it sprouts up readily. 15c and 25c each.

### FARFUGIUM

**F. grande.** The **Leopard Plant.** A well-known Chinese plant; fine for the house or for bedding in shady places. Leaves round and spotted with creamy yellow, growing about a foot high. 20c and 35c each.

### FIGUS

**F. altissima.** (Also cataloged by some firms in Europe as **F. Chauvierii.**) A magnificent new plant of our introduction. 40c, 60c and \$1 each. (See Department XV for this and other species of Ficus.)

### GREVILLEA

**G. robusta.** 10c to 25c each. See Department XV for description.

### HELICONIA

**H. Bihai.** Wild plantain; "Balisier." These magnificent plants are natives of tropical America, where they rival even the bananas in beauty and magnificence of foliage. The plantain-like leaves are followed by great scarlet and black blossom-sheaths of the richest tints and colors. Strong, 50c each.

**H. Lehmannii variegata.** A fine variegated plant, the green leaves being striped, creamy yellow and having yellow stems. New, 50c to \$2 each.

### JATROPHA

See Departments III and X.

### MARANTA

**M. arundinacea variegata.** Has been cataloged for years by the trade as **Phrynium variegatum.** A beautiful plant for spring, summer and autumn decorative use, either in pots, or in beds in open ground. The broad leaves are beautifully variegated with pure white and the plant makes fine bushy clumps, 2 to 3 feet tall. Dry tubers in winter or early spring, 15c each, \$1.50 per doz. Pot plants later, 25c each.

### MUSA

See Dept. I for edible-fruited sorts. All of decorative value.

**M. Arnoldiana,** and **M. Gilletii.** Two new species from the Congo region, having light green leaves. Very quick growers, and showy decorative subjects. Both species, strong plants. 25c each.

### NEPHYTHYTIS

**N. Liberica.** A quick-growing climbing plant, with rather fleshy stems, like a

**Philodendron** in habit, and large, trilobed leaves. Clings to brick or stone walls, or tree trunks, and is an ornamental plant from Africa. 20c each.

### NERIUM

**N. splendens,** and other Oleanders. See Section XI.

### OPHIPOGON

**O. Japonicus variegatus.** A dwarf plant with perennial leaves, 6 to 12 inches long, very narrow and striped white and green. Flowers purple. Hardy in the South outdoors. 35c each.

### PANAX

This genus of extremely ornamental tropical foliage plants is only slightly removed from *Aralia*. Some of the species are valuable economic plants, like ginseng, etc. The sorts we name are all first-class florists' plants of great value in decorative work. They make splendid house plants, but require a uniform temperature.

**P. excelsum.** Very finely cut, ferny leaves (decompound.) somewhat like *Aralia filcifolia*, with light dots on the edges. Makes a charming specimen plant, and is easily grown. Fine, strong plants. 15c to 50c each.

**P. Victoriae.** A splendid, dwarf, finely compound species, with elegant variegations of white. Fine, showy plants, 25c to 50c each.

**P. aureum.** This has beautifully variegated leaves after the style of *P. Victoriae*, but in a rich yellow instead of white. Rare and new. Fine plants, 20c to 50c each.

### PANDANUS

**P. utilis.** The well-known "Screw Pine," so-called from the screw-like arrangement of the leaves around the stalk. Leaves green, with small red spines along the edges. A very handsome



Group of Aralias and Panax.



*Maranta arundinacea variegata.*

decorative plant of easy growth, not requiring so much water as most palms. Used largely as a vase plant. Fine young plants, 15c each, \$1.50 per doz.; larger, about 8 to 10 inches high, 35c each; 10 to 12 inches high, 50c each.

**P. Veitchii.** Leaves beautifully striped white and green. A magnificent decorative plant, greatly in demand. Fine plants, \$1 each.

**Note.**—We have some of this latter species that have lost most or all of their white variegation, and are very shapely specimens; price 75c to \$2.50 each.

#### PHYLLANTHUS

**P. nivosus, var. roseo-pictus. Snow Bush.** Shrub with loose habit and dark wiry branches somewhat zigzag. Leaves compound, with leaflets nearly oblong; green, variegated with white, and part of the year, or during most stages of growth, mottled with pink and red. A magnificent foliage plant, adapted for bedding out in southern Florida and southern California. Makes very beautiful low hedge for frost-free locations and is used thus on the Florida coast with great effect. Fine-pot-grown plants, 10c each, \$1 per doz.; larger, 15c and 25c each, \$1.50 and \$2.50 per doz.

**COLLECTION D.** Five choice foliage plants, our selection, all labeled, sent postpaid, for 50c.

**COLLECTION D1.** Ten choice foliage plants, our selection, all labeled, sent postpaid for \$1.00.

See Index for plants you are hunting for, at the back of this book.

These may be transplanted at any time as they are almost all grown in pots. During warm weather is preferable, however.

#### TESTIMONIALS FROM THE WEST

Tempe, Arizona, Jan., 1907.—“I am highly pleased with my tropical and subtropical plants which came to hand today in fine shape. This is my second trial by the mail methods from your nurseries and I feel confident it is the safest and surest way of getting fresh and live plants to the buyer. My orange trees set last year have done splendidly.”—Geo. Poil.

Yoakum, Texas, Feb., 1907.—“My palms arrived all O. K. in good condition, and am more than pleased with them.”—Thos Keepers.

Eagle Pass, Texas, Feb., 1907.—“The Camellias came beautifully fresh and lovely and are a delight to the eyes.”—Mrs. M. R. Simpson.

Beloit, Kansas, March, 1907.—“Received the ferns all O. K. Am well pleased with them. They are doing finely.”—Mrs. A. W. Hillebrand.

Denver, Colorado, March, 1907.—“The Sago palm received by mail in nice condition. Please accept thanks for prompt shipment and nice plant.”—H. C. Bellersheim.

#### POTHOS

**P. aurea.** A clinging aroid plant with heart-shaped leaves, sometimes eight inches across, green, variegated with golden yellow. Very showy. It attaches itself to wood or stone; requires a rich soil. 15c each, \$1.50 per doz.

#### RAVENALA

**R. Madagascariensis.** The famed Travelers' Tree. Trunk like a palm, with huge banana-like leaves, two ranked. \$1 each.

#### SANSEVIERA

See Department III.

#### SANCHEZIA

**S. nobilis glaucophylla.** A beautiful greenhouse shrub from Ecuador. Leaves glaucous green, with yellow nerves. Flowers small; light red bracts, 15c and 25c each.

#### STRELITZIA

**S. reginae. Queen Plant, or Bird of Paradise Flower.** A broad-leaved lily-like plant growing about 2 feet high, bearing gorgeous flowers, yellow and blue in color. Very scarce in cultivation. Fine plants, \$2.50 each.

#### STROBILANTHES

**S. Dyerianus.** A new house and bedding plant. It forms a compact bush, 18 inches high, with leaves about 9 inches long, of the most intense metallic purple. Flowers violet-blue. 15c each.

#### TALINUM

**T. patens variegatum.** A beautiful dwarf plant not over 18 inches in ultimate height, having splendidly variegated leaves, white and pale green. The white predominates and forms a very handsome, striking plant. Bears queer yellow and pink flowers of small size. 15c each, \$1.50 per doz.; larger size, 25c each.

#### TRADESCANTIA

**T. discolor.** Upright growing, green on upper, purple on under side of leaves, resembling in shape a yucca or an agave. Very fine decorative plant for jardinières or vases, standing sunshine well, but preferring partial shade. 15c and 25c each.

**T. zebrina. Wandering Jew.** A creeping species; variegated; leaves purple and green. Invaluable for edging beds, covering unsightly rocks or tubs of plants, hanging baskets, etc. 5c each. Sufficient for a basket, 10c.

“**Spider Plant.**” Botanical name unknown. A curiosity, which bears young plants on the flower stem, instead of seeds. Resembles a small yucca in general appearance, growing about two feet high. Leaves plain green. 10c, 15c and 25c each.

# X. Tropical Flowering Plants and Shrubs.

Suitable for the green house, living-room, wa'm offices, the tropics, Gulf and warm coast regions of the United States from South Carolina around to upper California, with slight protection in the coldest parts. Protect from freezing by banking stems liberally with soil at signs of first hard frost. The tops will be lost but shoots will come again in spring. Nearly all plants in this section are pot-grown.

## ACALYPHA

**A. Sanderi.** **Chenille Plant, or Philippine Medusa** plant. The foliage is green, flowers closely set together on a long stem, forming a rich red spike, from six to twenty-six inches long presenting a striking contrast with the leaves. Blooms when very small. Strong plants, 15c and 25c each.

## ACHANIA

**A. malvaviscus.** A plant resembling the abutilon and hibiscus, with maple-shaped leaves and bright crimson flowers, freely produced. An old plant. Strong pot-plants, 15c each, \$1.50 per doz.

## ALLAMANDA

**A. neritifolia.** A choice shrub, with flowers 2 inches in diameter, rather bell-shaped, golden yellow, and produced in enormous quantity all the year. 25c each.

## ALPINIA

**A. nutans.** **Shell-Flower.** One of the grandest tropical scitamineaceous plants when fully developed that we have ever seen. It has large, deep green leaves, resembling a canna somewhat, on a stiff, curving stem, and terminal racemes of gorgeous flowers of most brilliant yellow, orange and white. Rare. 30c each.

## ARTOBOTRYS

**A. odoratissima.** The false **Ylang-Ylang, or Cinnamon Jasmine.** A choice flowering shrub from India. The leaves are thick and glossy, and the flowers delightfully scented with the fragrance of ripe bananas and pineapples. The plant is a tall, twining shrub, and very desirable. 2-year-old, 40c each.

## BAUHINIA

**Mountain Ebony.** This is an extensive genus of tropical plants, creepers, shrubs and trees, widely diffused throughout the tropics, and especially abundant in South America and India. Flowers are handsome and freely produced. Very desirable shrubs, etc., for South Florida and South California, as they can stand some frost. Some species do well in the greenhouse.

**B. acuminata.** A comparatively low shrub, blooming in 18 months from seed. Elegant pointed leaves and large pure white flowers; a grand plant. 25c each.

**B. alba.** A tall shrub usually blooming in the dry season, from November till March, here. Flowers pure white, of a good size. Nice pot-plants, 15c each, \$1.50 per doz.

**B. furfuracea.** New. 25c each.

**B. heterophylla.** New and rare. Color not known as yet. 35c each.

**B. Krugii.** From Cuba. Said to be the finest Bauhina of the West Indies. Just introduced in 1906. 25c each, \$2.50 per doz.

**B. picta.** New, from Tropical Africa. 35c each.

**B. purpurea.** One of the finest flowering large shrubs we have even seen. It has exquisite orchid-like flowers so dainty and yet so rich in color. Flowers are borne in the spring, in greatest profusion, 3 to 4 inches across, varying in color from almost white to a rich purple, and marked and shaded with many tones. 25c each.

**B. tomentosa.** The St. Thomas tree of the West Indies. A fine small tree, with beautiful yellow flowers. 20c each, \$2 per doz.

**B. triandra.** New species, introduced in 1901. Flowers pink, with narrow petals. A very strong grower. Large plants, 50c each.

**B. species.** Unknown sort from the West Indies. A fine grower, presumably a shrub. 2-years-old, 15c each, \$1.50 per doz.



Caesalpinia pulcherrima.



Spray of Bauhinia flowers.

**BOHEA**

**B. Amherstiana.** A rare shrub from the Canary Islands. 35c each.

**BRUNFELSIA**

**B. macrophylla.** A pretty, dwarf, shrubby plant bearing large purplish-blue flowers, which gradually fade to white and present an attractive appearance, and are very sweet-scented. An almost constant bloomer and a fine house plant. 25c each.

**B. nitida.** A rare species with broad, shining leaves resembling *Magnolia fuscata* somewhat. Flowers, white, changing to cream-color; sweet-scented at evening. Very floriferous, and charming. 40c each.

**CAESALPINIA**

**C. pulcherrima.** Dwarf Poinciana, or Barbados Flower Fence. This is a grand shrub, doing well outdoors here, but adapted for growth in the house as well. Has delicate evergreen, mimosa-like leaves and gorgeous red and yellow flowers produced on the ends of the new growth all the year. It blooms in a short time from transplanting, and if the pods are clipped off and the plant given a fair show, it surpasses anything we know of for a tropical flowering plant. Fine pot-plants. 15c each, \$1.50 per doz.

**C. pulcherrima flava.** Like the preceding variety but with clear yellow blooms. 25c each.

**CASSIA**

**C. grandis.** A beautiful, compound-leaved shrub with bronzy foliage and pink flowers. New and rare. Grows with great rapidity and soon makes a very showy specimen. The red-bronze leaves are much admired. Fine plants, 15c each. Larger, 25c each.

**CESTRUM**

**C. diurnum.** Day Jessamine. A quick-growing evergreen shrub, standing but little frost and producing quantities of scented white flowers, valuable for cut-flower work, and resembling candytuft. Good pot-plants, 15c and 35c each.

**C. elegans.** A charming species, having masses of rose-pink and carmine flowers, borne freely. 15c and 25c each.

**C. nocturnum.** Night-blooming Jessamine. This has small, creamy yellow flowers, intensely



*Cestrum diurnum.*

sweet at night, and perfuming the air for a long distance. Stands only a little frost, but is of quick growth, and blooms when small. 35c each.

**CORDIA**

**C. Sebestena.** Sebesten Plum, or Geiger Tree. A native of the West Indies. A very beautiful flowering shrub (or small tree) with large rough leaves, and immense trusses of flaming red flowers. Will bloom when only three years old. A rare and choice plant. Pot-plants, 20c each, \$2 per doz.



*Hamelia patens.*

**CUPHEA**

**C. micropetala.** A shrubby plant from 2 to 4 feet high, having small, narrow leaves. Flowers continually borne; scarlet base, yellow toward the top; tubular; stamens and filaments red. Quite showy and the root will endure some freezing. 20c each.

**DOMBEYA**

**D. spectabilis.** A choice shrub from Africa, just introduced by us. 50c each.

**DURANTA**

**D. Plumieri.** Golden Dewdrop. South America. Delicate lilac flowers borne in racemes, followed by yellow berries. Often used as an ornamental hedge plant in the East Indies. Flowers of both species resemble forget-me-nots, only larger; and the yellow berries are held on the bush for months, giving a neat and handsome appearance. Strong plants, 25c each, \$2.50 per doz.

**ERANTHEMUM**

**E. pulchellum.** An "old-fashioned flower" from the East Indies, long in cultivation. Grows up to four feet high, and bears in winter great clusters of deep blue flowers. 20c each.

**ERYTHRINA**

**E. species.** One of the "Coral trees" from the West Indies. New, 25c each.

**E. umbrosa.** A rare species newly introduced by us. Called "Pinon" in Cuba. 35c each, \$3.50 per doz.

**GARDENIA**

**G. Thunbergia.** A symmetrically branched shrub with pointed leaves, and single creamy white flowers. 50c each.

**GLYCOSMIS**

**G. pentaphylla.** A shrub with glossy, evergreen leaves; belongs to the citrus tribe, but fruits are of no value. Flowers small. 20c and 50c each.

**HAMELIA**

- H. patens.** West Indies; South Florida, along the coast. The leaves have a purplish hue at some seasons of the year, and the flowers are of a bright orange-red color. 25c each.
- H. sphocrocarpa.** Flowers are orange-yellow, and leaves greener than the preceding species. Scarce. 25c each.

**HIBISCUS**

- H. Rosa-Sinensis.** Chinese Hibiscus. These showy and well-known plants are among the most valuable lawn or garden plants for Florida. They stand but little frost, but are of such quick growth from a well-established root that even the occasional loss of the tops is not a serious matter. A fine house and conservatory plant. Single sorts are better growers and bloomers than the double ones. **Single Scarlet, Double Scarlet, Single Pink, Double Pink, Single Salmon-yellow, Versicolor (Single) and Peachblow (double pale Pink).** 15c each, \$1.50 per doz.; extra size, 25c each, \$2.50 per doz.

**IXORA**

A genus of tropical shrubs having splendid trusses of rich colored flowers, which last a long time in perfection. Fine for conservatories, and suitable for planting outdoors in South Florida in protected places. They sprout up quickly if frosted, as do so many strictly tropical plants, and flower in a few months.

- I. Amboina.** New Orange-scarlet, 50c each.
- I. coccinea.** Bright-red, in large corymbs. Strong grower. 25c and 50c each.
- I. Dixiana.** Deep orange, large trusses, 50c each.
- I. parviflora.** Flowers white, 35c each.

**JACOBINIA**

- J. velutina.** A choice house plant allied to (and commonly listed as) **Justicia.** The heads of pink flowers are freely produced. 20c each.
- J. coccinea.** (Justicia, incorrectly.) South America. A quick-growing, tender greenhouse plant, producing clusters of beautiful scarlet flowers; leaves green. Continually in bloom. Can be grown outdoors successfully in Florida. A grand bedder, effective and brilliant. 10c each, \$1 per doz.; larger, 25c each.
- J. specios.** Flowers yellow, makes a plant 3 to 5 feet in height. 15c each.

**JASMINUM**

- J. Sambac.** Arabian Jessamine. Flowers single, white, deliciously fragrant; shrubby or climber.



Jacobinia coccinea.

ing. Very fine sort for pot culture. Very free-blooming. 10c 15c and 25c each.

- J. S. var. "Grand Duke."** This is an erect, shrubby variety with extremely double flowers, 1½ to 2½ inches across. Fine. 15c each.
- J. S., var. "Maid of Orleans."** Semi-double flowers. 1¼ to 2 inches in diameter. Very free blooming. 10c, 15c and 25c each.

**JATROPHA**

- J. multifida.** A very ornamental plant, beautiful in its deeply cleft and finely divided palmate leaves; flowers deep red, freely borne. Rare in cultivation, but easy to grow. 50c each.
- J. curcas.** See Department III.

**LAWSONIA**

- L. alba.** See Department III.

**MABA**

- M. Natalensis.** Much-branched shrub, with flexuous branches. The evergreen leaves are smooth and glossy and the plant bears shining black fruit of an ornamental character. The wood is very hard and fine, like ebony. Pot-plants, 25c each, \$2.50 per doz. Larger, 35c each, \$3.50 per doz.

**MACKAYA**

- M. bella.** A beautiful shrubby plant of easy growth. The plant should be kept quite dry during the winter for best success in flowering in the spring. Flowers in racemes, pale lilac, about 2 inches long; the throat delicately marked with purple veins. Nice plants, 15c, 25c and 40c each.

**MEYENIA**

- M. erecta.** Africa. A most valuable plant for the open ground in South Florida, or as a pot-plant, producing throughout the year beautiful gloxinia-like flowers of the brightest blue color. 10c, 15c and 25c each.
- M. erecta alba.** Pure white, with yellow throat. 10c, 15c and 25c each.

**MURRAYA**

- M. exotica.** A rare Indian plant of the Citrus tribe. Sometimes called Orange Jasmine. Leaves are compound, dark glossy green. Flowers resemble the orange, and are scented like the tuberose. Rather tender, but easily protected if outdoors. Fine pot-plants, and very ornamental, blooming when small. Very desirable for florists' use for cut-flowers, as it blooms periodically and is a fine substitute for orange flowers. 2-year, pot-grown, 15c each, \$1.50 per doz.; larger, 25c each, \$2.50 per doz.

**MUSSOENDA**

- M. frondosa.** A yellow flowered shrub from the Philippines. The flowers are subtended by a single large milk-white calyx leaf and said to be very showy. Rare, and new, 35c each.

**ORMOSIA**

- O. dasycarpa.** The "Necklace Tree." A large West Indian shrub, with pinnate leaves and large blue flowers, blooming in June. It sometimes reaches a height of 20 feet, but flowers when small. 50c each.

**OXYANTHUS**

- O. Natalensis.** A highly ornamental shrub, related to Gardenia, bearing large, elegant flowers in racemes. Leaves are pointed, elliptic and evergreen. Introduced from tropical Africa. 50c each.

**PITTIOSPORUM**

- P. viridiflorum.** Flowers greenish-yellow, jessamine-scented. Leaves obovate, shining. From Cape of Good Hope. New and rare. Large plants, 50c and 75c each.

**PLUMBAGO**

- P. Capensis.** A most valuable old plant; can be kept in bush form or trained as a climber. Flowers light sky-blue, produced continually.

Stands drought and water, and the brightest sunshine. Should be cut back to produce more young shoots, on which flowers are borne. Practically hardy in South Florida. 25c each.

**P. Capensis alba.** Pure white form. 25c each.

### PLUMERIA

**P. acutifolia.** One of the West Indian *Frangipanis*. Leaves very large, sometimes a foot long by three inches broad; flowers white with lemon center; faintly sweet. Pot-plants, 40c to 75c for large stock.

**P. alba.** The famous *Frangipani* of the West Indies. "Then we admired the *Frangipani*, a tall and almost leafless shrub, with thick, fleshy shoots, bearing in this species white flowers which have the fragrance peculiar to certain white blossoms—to the jessamine, the tuberose, the orange, the gardenia, the night-blooming cereus."—Kingsley. Two sizes, 25c and \$1.50 each.

**P. tricolor.** This is a fine and rare species, reaching a height of 15 feet. Flowers with yellow throat, white, above the yellow part, and red around the margins of the segments. Blooms in summer and early autumn. Pot-plants, 50c each.

### POINCIANA

See *Caesalpinia*, page 15, 47, 54.

### POINSETTIA

See *Euphorbia*, page 43, 67.

### RENEALMIA

**R. sp. Porto Rico.** A plant related to *Alpinia* and requiring same treatment. Leaves canna-like, and reaching a height of three feet. Flowers yellowish. Scarlet bracts inclose heads and remain ornamental for months. New. 50c each.

### RUSSELLIA

**R. juncea.** Fountain Plant, or Coral Flower. A plant with scarcely any foliage, being a mass of green, willowy branches, filled with small, scarlet, tubular flowers constantly in bloom. A showy plant either for a pot or vase, or in the open ground here. Fine plants, 10c and 25c each.

### SOLANUM

**S. Rantonetti.** The "True Blue" *Solanum*. A shrubby plant bearing flowers of the deepest blue, with yellow centers. It forms a neat bush 2 feet high and blooms profusely for most of the year. 10c, 15c and 25c each.

### STEMMANDENIA

**S. bella.** A charming shrub, or small tree, from lower Mexico. Leaves large and evergreen; flowers pure white in clusters, of a large size, and freely borne. A magnificent plant. 20c and 35c each.

**COLLECTION TR.** Five plants from this section, our choice, sent postpaid, for 50 cts.

**COLLECTION TRI.** Ten plants, our choice, some rare species, sent postpaid, for \$1.

See Index for any plants you are hunting for.

The foregoing list may be set at any time of year, as nearly all are pot-grown.

### STROBILANTHES

**S. anisophylla.** India. Produces a profusion of light blue flowers in early spring. In the open ground in South Florida it grows to a large bush, and is unequalled among our spring-flowering plants. A fine pot-plant. 10c and 35c each.

**S. isophylla.** Foliage similar to preceding species, but some larger. Flowers produced all the year around; dark purplish blue in color. 10c and 20c each.

### TABERNAEMONTANA

**T. coronaria. fl. pl. Crape Jasmine. East Indies.** Splendid plants, with large, fragrant, gardenia-like flowers; pure white; freely produced all the year. A grand house plant, which is as easily grown as an oleander. The rich green, broad leaves are beautiful in themselves. Fine plants, 15c and 25c each.

**T. "grandifolia."** An unknown species, with larger leaves than the type and with finer flowers. In lieu of a better name we give it this. Young plants, 15c each, \$1.50 per doz.; larger, will flower this year freely, 25c each, \$2.50 per doz.

**T. sp. Cashmere.** Listed by us several years ago, but stock having been accidentally damaged, were unable to offer lately. A splendid shrub of medium size and quick growth. Leaves dark-green, broad and shining. Flowers single white, with a yellow dot in the centers, freely borne continually; size about 2 inches across, scented. A fine plant. 15c and 25c each.

**T. Wallichiana.** New, with narrow leaves. Flowers pure white  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches across. 25c each.

### TECOMA

**T. stans. The Yellow Elder.** An erect species, having compound leaves, and in the autumn a wealth of rich yellow flowers borne in great masses, deliciously scented. Truly a splendid shrub for warm localities. 25c each.

### THEVETIA

**T. neriifolia.** Locally known as *Trumpet Flower*. West Indies and South America. Flowers pale yellow, sometimes salmon. The *Thevetia* is a rare, quick-growing shrub, always in bloom. The seeds are often worn as charms by sailors and negroes of the West Indies, by whom they are known as "lucky seeds." 25c each, \$2.50 per doz.

### TRIPHASIA

**T. monophylla.** Native of the Island of Timor. Berries are black and leaves simple. An interesting shrub related to the orange tribe. See *Tropical Fruits* for another species having edible fruit. Strong, bushy, pot-plants, 50c each.

### TESTIMONIALS FROM NEW ENGLAND

"Groton Place", Lenox, Mass., Jan., 1907.—"My plants arrived in fine condition. Please send me the enclosed order."—Walter Henry.

South Lee, N. H., March, 1907.—"The trees have arrived in excellent condition. They are much larger and finer than I expected, and packed so nicely for their long journey."—(Miss) A. Stevens.

Upton, Mass., June, 1907.—"The orange trees came last night in good condition. Enclosed find order."—W. C. Johnson.

Brunswick, Me., June, 1907.—"Plants came all right, the packing first rate. Thank you."—F. H. Welch.

Willimantic, Conn., April, 1907.—"The plants all came in fine shape and are good specimens. The goods I purchased a year ago were very satisfactory. Two of the palms are splendid specimens and I found no difficulty in growing any other plants. That is why I am ordering more."—Oscar O. Tanner.

Taunton, Mass., May, 1907.—"The plants all came in fine condition yesterday. Thank you very much for your promptness and extras."—Mrs. S. L. Morris.

# XI. Hardy and Half-Hardy Flowering Plants and Shrubs.

Such as will stand the winters of the lower South without injury, or, if damaged by freezes, will come up again in the spring vigorously.

## AZALEA

**A. Indica.** The well-known **Indian**, or **Chinese Azalea**. This is largely grown in cold climates as an Easter-flowering plant. Colors, white to red; both single and double blooms. We offer three single and three double sorts, of the best named varieties. Bushy plants about a foot through the tops, which will bloom in the early spring. Pot-plants, \$1 each.

## BUXUS

**B. sempervirens.** The common **Dwarf Tree Box**. A hardy shrub, much used for edging or dwarf hedges. Pot-grown, 15c each, \$1.50 per doz.

## CALYCANTHUS

**C. floridus.** **Sweet Shrub.** Well-known hardy shrub, with brown flowers of delicious fragrance. Blooms for a long season. Grows to 5 or 6 feet in height, ordinarily. Strong plants, 15c and 25c each.

## CAMELLIA

**C. Japonica.** All over the South this is wrongly called Japonica instead of **Camellia**, as it should be. One of the finest hardy evergreen flowering shrubs grown. Does well all over the South, and the splendid flowers last for some time after being cut. Imported plants.

**Double White,** fine bushy plants, about 18 inches high, \$1.00 each.

**Double Colored Varieties.** Strong plants, but no flower buds, 75c each; larger, \$1.00 each.

**C. Thea.** See Department III.

## CHIONANTHUS

**C. Virginica.** **White Fringe.** A native deciduous shrub; leaves broad and glossy; flowers in great masses in early spring, pure white, and fringe-like in form. Very fine, either singly or in masses. 15c each, \$1.50 per doz.

## DEUTZIA

Deutzias are well-known spring flowering, hardy shrubs, favorites with every one, and succeed in Florida. We have the best sorts, pink and white-flowered. 1 to 2 feet, 20c each, \$2 per doz.; 2 to 4 feet, 25c each, \$2.50 per doz.

## EUONYMUS

**E. Japonicus.** Well-known evergreen shrub, hardy all over the South and largely used for hedge purposes. Leaves are oblong, acuminate, and sharply serrated. Pot plants, 20c each, \$2 per doz.

**E. Japonicus argenteus.** Leaves variegated with white. Fine plants, pot-grown, 25c each, \$2.50 per doz.

## GARDENIA

**G. florida.** **Cape Jessamine.** A well-known and popular plant, producing its large, fragrant white flowers from May to September. A native of China, instead of the Cape of Good Hope, as the name implies. Hardy throughout the lower South. Makes a very beautiful ornamental hedge. Hardy as far north as Virginia. A grand evergreen pot-plant, easily grown, and very popular. Strong plants, pot-grown, 15c and 25c each, \$1.50 and \$2.50 per doz.

## HYDRANGEA

**Garden Hydrangeas.** Splendid plants for outdoor culture in Florida; hardy here. Flowers changeable. All Hydrangeas need partial shade in the South, as the sun sometimes burns them in the summer. We offer strong, pot-grown stock.

**Otaksa.** A very old sort, coarse leaves, flowers pink, or blue, according to soil or other local causes. Long considered the best colored variety for tubs, for summer lawn decoration at the North. Fine pot-plants, 15c and 25c each.

**Thomas Hogg.** Flower-heads large, pure white. Valuable for cemetery decoration as a pot-plant, or in open ground here. 15c and 25c each.

## JASMINUM

**J. humile.** North Hindostan and Nepal. A yellow-flowered, hardy shrub; not twining. This is hardy as far north as Maryland out-doors. Flowers freely produced in spring; sparingly in summer and autumn; very fragrant. 25c each.

## LAGERSTROEMIA

**L. Indica.** **Crape Myrtle.** China, Cochin China and Japan. Too much can not be said in favor of the delicate-flowered Lagerstroemias; universal favorites in the South, and deservedly so. Deciduous shrubs, hardy in the southern states, and producing throughout the summer great clusters of delicately fringed flowers. In Florida and the South the Crape Myrtle takes the place of the lilac, so common at the North. Makes the most charming flowering hedge known. A choice plant for growing in pots or tubs, and in universal favor. A success with every one. It does grandly as a bedding plant at the North; by planting our strong bushes one may have a show of flowers all summer. Try a few; florists will find it a good thing; we recommend it.

**Pink.** The favorite old variety. In spring and summer plants of this variety are a mass of billowy flowers. 1-year-old, 1-foot, bushy, 15c each, \$1.50 per doz.; 2 to 4 feet, 25c each, \$2.50 per doz.; 4 to 6 feet, 50c each, \$5 per doz.

**Purple.** A light purple color. 1-year-old, 15c each, \$1.50 per doz.; 2-year, 2 to 4 feet, 25c each, \$2.50 per doz.

**Red.** Flowers deep carmine, in our opinion the very best of all. A gorgeous plant. Same price as for the Pink.

**White.** This is quite scarce and very lovely. 25c.

## LIGUSTRUM

**L. Amurense.** **Amoor River Privet.** The best evergreen, hardy and quick-growing Privet for hedges below the Ohio river. Leaves small and pretty; flowers white in tapering racemes. Is a fine ornamental shrub when grown singly. 1-year-old, 10c each, \$1 per doz., \$7 per 100. Extra large, 15c and 25c each.

**L. Nepalense.** A choice rare variety from northern India, perfectly hardy in the South. Large glossy leaves on long, pendulous branches make it very attractive. Nice plants, 25c each, \$2.50 per doz.

**L. ovalifolium.** **California Privet.** This is grown very generally as a hedge through the middle States. Broad leaves, evergreen in the far South. Pot-plants, 15c each, \$1.50 per doz.

**L. ovalifolium variegatum.** Evergreen glossy leaves, variegated with yellow. A splendid hardy shrub. Pot-plants, 15c each, \$1.50 per doz.; larger, 25c each, \$2.50 per doz.

## MAGNOLIA

**M. fuscata.** The **Banana Shrub.** Dwarf-growing variety, covered with a profusion of small yellow flowers in spring; of most exquisite fragrance, similar to that of a ripe banana. One of the best hardy shrubs, and a famous pot-plant for the northern home. Pot-grown, 50c each.

## NERIUM. (Oleander.)

The possibilities of the Oleander for Florida, in an ornamental sense, are very great. Hedges can be grown rivaling in beauty the famous Oleander hedge of the Bermudas. Lawn and yards can be made to "blossom as the rose" by the use of the Oleander, planted singly or in clumps. Perfectly hardy when full grown, rivaling the rose in fragrance, and of almost any desired color; succeeding on any quality of land, there is no class of shrubs that surpass it for general and extensive planting. Also, one of the most widely known of house plants in the North, where it is grown to a large size in pots and tubs. A favorite everywhere. Our plants are all in the open ground, very fine and thrifty, as we find they do better than when pot-grown.

Prices, except where noted, 1-year, averaging 12 to 15 inches high, 15c each, \$1.50 per doz.; 2-years, 18 to 30 inches high, 25c each, \$2.50 per doz.

**Atropurpureum plenum.** Double, purplish red. Very fine. 25c each.

**Carneum.** Single; flesh with pink lines in throat.

**Lillian Henderson.** Double white, but of small size. The plant is more dwarf than most sorts.

**Madame Peyre.** Double creamy yellow, pink center. Very showy sort.

**Madonna grandiflorum.** The largest and best double white, scented. A splendid variety.

**Savort.** Apple blossom pink; charming flower. Double.

**Single Cream.** Creamy yellow, darker center.

**Single Pink.** Very choice sort, with shell-pink flowers in large trusses. Strong grower. Scarce. Scented.

**Single White.** The old-fashioned hardy sort. Masses of white flowers freely produced.

**Splendens.** Double rose-pink. The old-fashioned common variety. A splendid, sweet-scented sort, with large, bright flowers.

**Splendens variegatum.** Beautiful variegated foliage, green, white or cream, and double pink flowers. Choice, 25c each.

## PHILADELPHUS

**P. coronarius (Syringa.) Mock Orange.** Well-known, hardy shrub, producing a profusion of fragrant white flowers in spring. Strong bushes, 25c each, \$2.50 per doz.

## PITTIOSPORUM

**P. tobira.** Japan. Well-known in the Southern States as a handsome, hardy, broad-leaved evergreen shrub. Flowers white and cream color, in March. Fine pot-plants, all bushy, 6 to 8 inches high, 15c each, \$1.50 per doz.; 8 to 12 inches high, 20c each, \$2 per doz.; 18 to 24 inches high, 35c each, \$3.50 per doz.; 30 to 36 inches high, 50c each, \$5.00 per doz.

**P. tobira variegata.** A white variegated form of the preceding. Pot plants, 35c each.

**P. eugenioides.** 2-year, pot-grown, 35c each.

## PRUNUS

**P. Caroliniana. Carolina Laurel Cherry.** One of the handsomest, broad-leaved evergreens of the lower South. Leaves very dark green and glossy; flowers white and fragrant. A grand ornamental hedge plant; hardy throughout the South, and of easy growth in any soil. Nice, 1-year-old, pot-grown, 10c each, \$1.00 per doz.; \$7.00 per 100. Large, 3-year plants, 16 to 20 inches high, 25c each, \$2.50 per doz. Extra large, 35c each, \$3.50 per doz.

## PUNICA

The **Pomegranate.** For fruit sorts, see Department II.

**Dwarf Scarlet.** Makes a pretty shrub, freely producing its showy flowers, and occasionally holds fruit. A splendid plant. 25c each.

## RHAPHIOLEPIS

**R. ovata.** China. Beautiful hardy evergreen shrub, with white or pink flowers. Hardy as a camellia. We offer fine pot-grown plants at 25c to \$1 each.

**R. Indica.** New. A fine evergreen shrub. 2-year-old, pot-grown, 25c each.



Prunus Caroliniana.

## TESTIMONIALS FROM THE NORTH

Lancaster, N. Y., May, 1907.—"Plants received in first class condition. I thank you very much for the liberal manner in which you treat me. Please find herewith another order" etc.—Arthur W. Drake.

Mayville, N. Y., May, 1907.—"The plants arrived safe in fine condition; they are really finer than I expected and are the admiration of all who see them."—John A. Thompson.

Hoboken, N. J., April, 1907.—"I received the plants all right. Many thanks for the extras and for the large sizes. The Seaforthia is a beautiful specimen; I had no idea I would get such a large one."—Mrs. G. J. Luxton.

St. Louis, Mo., April, 1907.—"Your shipment of plants was received a few days ago. They are certainly fine and arrived in good condition. I am particularly pleased with the size of the Phoenix palm."—E. G. Steitz.

## THE ROSE. (Rosa Indica.)

INCLUDING TEAS, PERPETUALS, NOISETTES, ETC.

We have had good success with Roses on the poorest land by using the following plan: Dig a hole somewhat larger than the intended bed of Roses, and two feet deep; fill to within six inches of the surface with half-rotted sods procured from some old field or in the woods. The sods and grass should be trampled down thoroughly; the upper 6 inches should be ordinary soil, with well-rotted manure mixed in thoroughly. Clay also added throughout the depth of the bed is a decided help in all light, sandy soils. The best time to transplant Roses is in the fall and winter months. Don't try to save the tops of your Roses when you transplant. Cut them back well; even to only 3 or 4 buds and leaves, and in a few weeks you will have strong, young, healthy shoots full of blossom-buds. Prune your Roses every October, cutting back everything but a few strong, healthy young shoots, and you will be favored with buds and blossoms all winter. The best buds and flowers are from the young, vigorous canes. Bone-meal, blood and bone, and potash are excellent commercial fertilizers for Roses; work in top soil when hoeing and always keep the weeds down by either hoeing or mulching. **Weak-growing varieties** should be budded, or grafted on strong stocks best adapted for such purposes. **Strong, free growers** are as well grown from cuttings. We have plants from cuttings, and grafted; those from cuttings are mostly 2 years old; and the worked varieties 1 year old on 2-year-old roots. All are strong, and will be pruned before packing.

Prices, except where noted, 30 cts. each, \$3 per doz. **SEE DISCOUNTS UNDER RULE 8, PAGE 3.**

**Agrippina.** Moderate grower, especially adapted for hedging and bedding, or growing in pots. Rich crimson, continually in flower. Best of the Bengal class. 2-year, 25c each, \$2.50 per doz.

**Bride.**—Tea. A fine white rose largely grown in commercial rose houses for the market. Splendid habit and fine foliage.

**Bridesmaid.** Tea. Similar to Bride in foliage and size of flower, but color is a rich pink. Has been a favorite for years.

**Celine Forestier.** Noisette. Pale yellow, deepened toward the center. Hardy and free flowering. Fine.

**Claire Carnot.** Noisette. Very vigorous; flowers large, pale yellow, peach blossom center; fragrant.

**Climbing Bridesmaid.** Tea. Rich, clear pink.

**Climbing Clothilde Soupert.** Polyantha. Medium sized flowers, very double, pale pink; always in bloom.

**Climbing Devoniensis.** **Magnolia Rose.** Tea. Creamy white, tinged blush. Very large, not very double. Fine pointed buds.

**Climbing Kaiserin Augusta Victoria.** Hybrid Tea. A splendid Rose with the form of Bride; white, with yellow center. Very free bloomer.

**Climbing Malmaison.** Bourbon. A splendid Rose with free climbing habit. Flowers flesh shaded fawn, large, very full, flat.

**Climbing Meteor.** Noisette. Intensely bright carmine red, double, and fragrant.

**Chromatella, or Cloth of Gold.** Noisette. Deep yellow; large full flowers. Climber.

**Captain Christy.** Hybrid Tea. Delicate flesh color, rosy center; medium to large size, full. Extra good.

**Clothilde Soupert.** Polyantha. Very double flowers, of medium size, pale pink, with darker centers. Extremely floriferous.

**Crimson Rambler.** Polyantha. Small flowers in great masses, in spring. Not an ever-bloomer. A strong climber. Strong 1-year-old, 15c each, \$1.50 per doz.; strong 2-year-old, 25c each, \$2.50 per doz.

**Duchesse de Brabant.** Tea. Shell-pink, shaded carmine. A splendid, ever-blooming, free-growing sort.

**Earl of Dufferin.** Hybrid Remontant. Large and full, rich velvety crimson, shaded maroon. One of the best dark red Roses. Keep old canes removed from time to time.

**Etoile de Lyon.** Tea. Rich yellow, very double; a fine bedder and very hardy.

**General Jacqueminot.** Hybrid Remontant. Brilliant crimson; large and very effective. Fragrant and hardy.

**Gloire Lyonnaise.** Hybrid Remontant. Creamy white, shaded lemon. A grand variety. Very double, heavy flowers of beautiful form.

**Gold of Ophir.** Noisette. The famous California Rose, which climbs so vigorously and bears thousands of flowers per plant. Color yellow, suffused with coppery red. Semi-double.

**Gruss an Teplitz.** Hybrid Tea. Said to be the "reddest of all red roses," being a very rich scarlet, shading to crimson. Free flowering.

**Helen Gould, or Baldwin.** Hybrid Tea. Bright, glowing carmine, with long buds and large full flowers. First class.

**James Sprunt.** Bengal. A splendid climber. Flowers richest cherry-red, large and full.

**Lamarque.** Noisette. A vigorous climber. White, with sulphur-yellow center; large, full.

**La Sylphide.** Tea. Large, very full, of a golden flesh pink; charming.

**Louis Philippe.** Bengal. A splendid crimson Rose, with long stems, admirable for cutting. Does well in Florida.



Roses from Grafted Plants in Open Ground.

- Mme. Caroline Testout.** Hybrid Tea. Flower large, double and globular of a clear satiny pink, with brighter center. Very fragrant.
- Mme. Franciska Kruger.** Tea. Resembles Bridesmaid, but the center is brightened with yellow. A splendid deep pink flower.
- Mme. Joseph Schwartz.** Tea. White, beautifully touched with pink. Very vigorous. Flowers freely borne, in clusters.
- Mme. Lambert.** Tea. An old favorite in the South. Rosy-salmon, but variable. Very good buds.
- Magna Charta.** Hyb. Remontant. Clear rosy-red; blooms very freely in spring, sparingly later.
- Maman Cochet.** Tea. A very choice Rose, with the habit and style of Bridesmaid. Pink, with suffusion of yellow at base of petals.
- Marechal Niel.** Noisette. Deep yellow; very large and full. One of the best climbers. Considered the best yellow Rose.
- Margaret Dickson.** Hyb. Remontant. A grand white rose of magnificent form. Very fragrant.
- Marie Van Houtte.** Tea. Pale yellow, tinged rose. A splendid bedder and very vigorous. Flowers large, with pointed buds.

The climbing varieties need not necessarily be trained as climbers. By keeping in bush form they will be found more floriferous and satisfactory than most bush roses.

For other hardy climbing Roses, see Section XIII.

### SPIRAEA

- S. Reevesii.** Bridal Wreath. Well-known hardy shrub, blooming in early spring profusely. 1-year-old, 20c each, \$2 per doz.
- S. Reevesii f. pl. Double Bridal Wreath.** Just as free-blooming as the preceding, a beautiful white sheet of flowers of very graceful habit. 1-year-old, 20c each.
- S. salicifolia.** Small leaves on very small, wil-

- Mosella.** Polyantha. The "Yellow Soupert." White, tinged yellow; flowers profusely, just like Clothilde Soupert. Splendid.
- Mrs. John Laing.** Hyb. Remontant. Clear soft pink; buds long and pointed, the flowers extra large and full, borne on long stems.
- President Cleveland.** Climbing Tea. A splendid new extra fine Rose. Pure white, perfect form.
- Reine Marie Henriette.** Climbing Tea. An old favorite climber. Rich rose, center reddish crimson.
- Reve d'Or.** Noisette. Buff-yellow; medium size, full. Very free.
- Safrano.** Tea. Saffron and apricot-yellow, large, semi-double, beautiful in bud. Very free-flowing and vigorous.
- Solfaterre.** Noisette. A fine climbing Rose with large, very double, sulphur yellow flowers, of vigorous habit.
- Sombreuil.** Tea. Creamy white, sometimes tinted pink; large well formed buds and flowers. Hardy and vigorous; a free bloomer.
- White Maman Cochet.** Tea. Similar to the type except in color, which is pure white. A grand Rose.
- Zelia Pradel.** A choice, vigorous climber, with habit of James Sprunt. Fine white flowers in large bunches. One of the best climbing white sorts.

lowy shoots; flowers small and white. A fine small shrub, nice for borders, and for cemetery planting. Strong, 2-year-old, 25c each.

**S. Van Houttel.** Very pretty foliage, with flowers resembling *S. Reevesii*. One of the best species. 1-year-old, 20c each, \$2 per doz.

**Roses, Neriums in open ground, and others not specified as being pot-grown, ought to be transplanted in cool weather. The pot-plants may be set any time.**

### TESTIMONIALS FROM THE NORTH

Treasury Dept., Washington, D. C., May, 1907.—"I hasten to advise you of the safe arrival of the plants; they are beyond my expectations: Such lovely palms! Everything is simply fine."—G. N. Winslow.

Hastings, Mich., June, 1907.—"Plants reached me a week ago, and are all doing finely. Each was an elegant specimen. Thanks for the extras."—Wm. L. Shultis.

St. Louis, Mo., July, 1907.—"Received the plants in due time and good shape. Thanking you for the extra plant."—Ben J. Pott.

Dept. of Agriculture, Washington, D. C., Oct., 1906.—"Today we have received in most excellent condition the plants and seedlings."—O. W. Barrett, Plant Introducer.

Treasury Department, Brooklyn, N. Y., Oct., 1906.—"The plants you sent are fine."—Thos. D. Hyatt.

Cincinnati, O., Nov., 1906.—"Plants of my order came in good condition; they all look well."—Alvin Davidson.

St. Paul, Minn., Dec., 1906.—"The palms that I received from you arrived all safe and I must say that they were the finest stock that I ever received. Having bought plants from everywhere must recommend yours as the best, strongest and healthiest."—W. R. Weide.

Clyde, Mo., Jan., 1907.—"Received your shipment in good order. Many thanks for the extras."—Father Hildebrand.

St. Louis, Mo., Feb., 1907.—"I am so pleased to see the perfect condition of the plants received from you that I am encouraged to send a larger order" etc.—James Gurney, Supt. Tower Grove Park.

Newburg-on-Hudson, N. Y., Feb., 1907.—"The Caladiums arrived in good order and I was very much pleased with them. They are a fine lot of bulbs."—Wm. Cordes, Gardener to F. V. Burton, Esq.

Princeton, Ill., March, 1907.—"The plants came in yesterday and are fine."—G. A. Bryant, (Mayor.)

Plainfield, N. J., July, 1907.—"I received today the shipment of plants in perfect condition. Several friends to whom I showed them were exceedingly surprised at their freshness after so long a journey. Thank you very much for the extras."—W. F. A. McIntyre.

## XII. Tropical and Sub-Tropical Vines and Creepers.

Suitable for the greenhouse, living-room, warm offices, the tropics, and the extreme lower South, where slight protection may be necessary. Plants are mostly pot-grown.

### ABRUS

**A. precatorius.** **Crab's-eye Vine.** "The delicate Crab's-eye Vine, with beautiful, light green, pinnate leaves and bunches of pods, which, opening, display the loveliest little scarlet beans, with jet black eyes, you ever saw." A charming lace-like vine, suitable for screens. Pot-plants, 10c each, \$1 per doz.

### ALLAMANDA

**A. Hendersonii.** The largest flowered ordinary variety, with magnificent golden-yellow flowers 4 to 6 inches across. Dark green foliage. A climber, or can be trained as a bush. Pot-plants, 25c each.

**A. Williamsii.** Habit much the same as the preceding, but more bushy, and even more floriferous. Flowers about 3 inches across, in bunches; clear yellow; slightly fragrant. A good plant, which may be trained either as a bush or vine. 25c each.

### ANTIGONON

**A. leptopus.** The **Rosa de Montana** of Mexico. A beautiful climbing plant, with tuberous roots; produces freely large racemes of rose-pink flowers of the most exquisite color; leaves heart-shaped. It is a magnificent vine for the South as it can be set in the spring and gotten into bloom long before frost. Here it seldom stops blooming. A valuable plant for bees. Fine plants, 10c each, 85c per doz. Extra heavy, 2-year-old, 15c each, \$1.50 per doz.

### ARISTOLOCHIA

**A. elegans.** A very choice climber, growing here all the year round. Its growth is rapid and dense, and it produces a great number of elegant flowers, blotched and waved with creamy

white, of peculiar form. Pot-plants, 10c each.

**A. floribunda.** Free-growing vine from Brazil, with pointed leaves and medium-sized flowers about 2 inches wide by 3 inches long, flowers purplish red, with yellow centers. 15c each.

### BICNONIA

**B. venusta.** This is one of the finest of the genus. The leaves are very dark and shining, and the flowers borne in great masses of splendid orange-red, lasting long in perfection, and blooming in winter and spring. It needs a wire trellis, which it quickly covers. Will stand considerable frost. A splendid plant. 25c each.

### BOUGAINVILLEA

**B. glabra Sanderiana.** Sometimes called the **Paper Flower.** A grand tropical climber with small heart-shaped evergreen leaves, and small yellow flowers, surrounded by very showy purple bracts which last for a long time in perfection. It blooms most of the year and the great masses of purple color are very effective if given a correct back-ground. Fine pot-grown plants, 25c each, \$2.50 per doz. Extra large, 35c each \$3.50 per doz.

### CAESALPINIA

**C. Bonduc.** A prickly climbing shrub of the West Indies, with large bi-pinnate leaves and yellow flowers. Seeds are called **Nicker Beans.** Pot-plants, 25c each.

### CLERODENDRON

**C. Balfouri.** A climber of great beauty. The flowers are of a bright scarlet, and enclosed in a bag-like calyx of pure white. The panicles of the flowers are upwards of 6 inches in width. Free-blooming. A fine plant for outdoors in the lower South. Pot-plants, 15c each, \$1.50 per doz.; heavy, 2-year-old, 25c each, \$2.50 per doz.

**C. delicatum.** Like the preceding, except that the calyx is greenish instead of white, and the flowers are slightly smaller. The blooms last for weeks in great beauty. It is fine. 15c and 25c each.

### CRYPTOSTEGIA

See Department III.

### FICUS

**F. barbata.** This somewhat resembles the following, but has larger leaves. Pot-plants, 20c each, \$2 per doz.

**F. repens.** A creeping plant which attaches itself to stone, brick or wood, and makes a fine screen. Strong pot-grown plants, 15c each, \$1.50 per doz.



*Antigonon leptopus.*

**JASMINUM**

**J. gracillimum.** Graceful Jessamine. Is one of the most distinct in its graceful habit and in the abundance of its large, starry flowers, which are also more copiously produced. Appears to be a small species, with long, very slender branches, springing from low down on the stem and curving over on all sides, weighted down by terminal globose panicles. Pure white flowers. Stands considerable frost, and grows into a scrambling bush 5 to 7 feet high. Beautiful pot-plants, 15c and 25c each.

**J. pubescens.** (Multiflorum). Very like *J. gracillimum* but having flowers less pointed. A very vigorous climber and flowers freely at intervals all the year. One of the indispensable for conservatory or sub-tropical gardens. Strong plants, 10c, 20c and 35c each.

**QUISQUALIS**

**Q. Indica.** Rangoon Creeper. A large, twining shrub from India. Flowers are borne in profusion in large, open bunches on a long stem; fragrant; pure white in the morning, changing to pink at noon, and finally to richest red towards close of day. Star-shaped, about an inch across. Of remarkable beauty, and with a rich fruity fragrance. Fine pot-plants, 25c each, \$2.50 per doz. Large stocky plants, 35c each, \$3.50 per doz.

**SOLANUM**

**S. Jasminoides.** Potato Jessamine. South America. Showy climber, always in bloom. Flowers white and yellow. Pot-plants, 15c each, \$1.50 per doz.

**S. Seaforthianum.** Among the shrubbery in the plaza in front of the Governor's palace, in Havana, we found a lovely climbing *Solanum*, with bunches of delicate blue flowers like wistaria, and bright scarlet berries as large as a cherry. Called in Mexico "Tomatillo." One of the finest blue-flowered vines we know of, being of easy and quick growth and remarkably floriferous. Pot-plants, 15c each, \$1.50 per doz.; large 2-year-old, 25c each, \$2.50 per doz.

**COLLECTION TV.** Five splendid vines, our choice, sent postpaid for 50 cents.

Index at back of this Catalog.

Foregoing list may be transplanted at any time.

**S. Wendlandii.** An enormous vine, with handsome, light green cut leaves and prickly stems. Flowers lilac-blue, large and showy. Pot-plants, 15c each, \$1.50 per doz.; larger, 25c each.

**STEPHANOTIS**

**S. floribunda.** A grand old vine, usually found in first-class establishments and old conservatories. Leaves smooth, broad, leathery; flowers borne in great bunches, pure white, bell-shaped, and deliciously fragrant. Fine pot-plants, 20c each, \$2 per doz.

**TECOMA**

**T. Capensis.** A choice climber. Flowers bright red, in bunches, continually in bloom. Leaves handsome, compound. Almost indispensable when planting in Florida. Fine pot-plants, 15c each, \$1.50 per doz.

**T. McKennii-rosea.** Resemble *T. capensis* in habit of growth but more delicate in outline. Flowers of good size, borne freely, of a purplish-pink color. New and highly desirable. Pot-plants, 15c and 25c each.

**THUNBERGIA**

**T. fragrans.** East Indies. A very quick-growing climber (perennial), with many beautiful, pure-white, fragrant flowers. Pot-plants, 15c each, \$1.50 per doz.

**T. grandiflora.** A newly introduced rapid-growing climber with large, pointed leaves and a succession of elegant sky-blue flowers, 3 inches wide. A grand introduction from India. Pot-plants, 25c each.

**VANILLA**

See Department III.

**VALLARIS**

**V. dichotoma.** A tropical evergreen climber from the East Indies. Leaves smooth, dark green. Flowers white. A very quick grower with attractive appearance. Nice plants, pot-grown, 15c and 25c each.

**FOREIGN TESTIMONIALS**

Hilo, Hawaiian Islands, Oct., 1906.—"The plants sent us last month arrived in excellent condition and I thank you for the care used in shipping."—F. W. Thrum.

Papeete, Tahiti, Jan., 1907.—"Enclosed find order for plants, \*\*\*\* A previous shipment of yours here was 40 days on the way and the plants arrived in first class shape."—G. A. McTavish.

Moamoa, Samoa, April, 1907.—"I am sending you my order. \*\*\*\* You will be pleased to hear that the many trees and plants I have already received from you are all thriving well and some are in bearing."—Bro. Philippe.

Manila, Philippines, Feb., 1907.—"The three packages of assorted fruit trees lately mailed to me arrived in exceedingly good condition."—Wm. S. Lyon, Horticulturist, in charge of Seed and Plant Introduction, Bureau of Agriculture.

Honolulu, April, 1907.—"The Citrus trees and peaches came in good condition."—E. W. Jordan.

Yanagawa, Japan, June, 1907.—"I am very glad to inform you that the plants reached me in a very good condition."—T. Takamuku.

Palama, Hawaiian Islands, April, 1907.—"The plants arrived today in good condition, well packed, and all alive."—Harry Roberts.

Pretoria, Transvaal, May, 1907.—"The trees were received in good order and condition, and promise to give satisfaction."—Samuel Marks.

Tokyo, Japan, May, 1907.—"The goods have been received sometime ago, for which I thank you. They were in good condition on the whole."—Baron Y. Iwasaki.

(The above was an immense collection of every class of plants and trees we handle, designed for an experimental garden.)

Los Hervideros, Costa Rica, Aug., 1907.—"Enclosed please find order. \*\*\*\* I may say that the last lot arrived in excellent condition and are doing well."—Sidney H. Wilcox.

London, Canada, March, 1907.—"They have arrived in perfect condition, not a bruised or broken branch and the packing was simply perfect. I thank you very much for the class of stock sent; I never saw so well rooted (and as fibrous) a lot of plants sent from a nursery."—F. J. Miller.

Picton, Ontario, Apr., 1907.—"I received the parcel of plants yesterday, in a very satisfactory condition, owing to the careful and thorough packing."—Walter T. Ross.

# XIII. Hardy and Half-Hardy Vines and Creepers.

SUCH AS WILL STAND THE WINTERS OF THE SOUTH WITH LITTLE OR NO INJURY.

## BIGNONIA

- B. alba.** A pure white, spring-blossoming **Trumpet Vine** of great beauty. 25c each.
- B. capreolata.** Our native evergreen species, quite hardy in the South. Flowers orange-red in spring. Leaves compound, dark green; attaches itself firmly to walls, etc. 15c each.
- B. grandiflora.** A magnificent flowering vine, the blooms coming in great clusters, and individually as large as an allamanda, (about three inches across) of a gorgeous orange-yellow color. 35c each.
- B. speciosa.** Leaves large and glossy; flowers purplish, medium-sized. A new vine which we find will stand a hard frost. Pot-grown, 1-year-old, \$1.5c each, \$1.50 per doz.; 2-year-old, 25c each, \$2.50 per doz.
- B. Tweediana.** An elegant sort which climbs on wood or stone and covers walls nicely. Has small evergreen leaves, and splendid, bright yellow flowers. Pot-plants, 10c each, \$1 per doz.

## CLEMATIS

- C. paniculata.** From Japan. A vigorous vine of charming habit, covering itself with bloom in early summer. Flowers are about an inch across, pure white, star-shaped. The feathery seed

vessels are also very pretty. Pot-grown, 1-year-old, 10c each, \$1 per doz.; 2-year-old, 15c each, 1.50 per doz.

## EUONYMUS

- E. radicans.** A vigorous creeping and climbing plant, with green foliage, turning bronze in winter. Pot-plants, 15c and 25c each.

## GELSEMIUM

- G. sempervirens.** **Carolina Yellow Jessamine.** Not cultivated to the extent it deserves. Will grow on any land. Quick-growing and for several weeks in the spring literally covered with fragrant yellow flowers. One of the very best of our hardy climbers. A splendid stock of transplanted bushy plants, 2 years old, 15c each, \$1.50 per doz.

## HEDERA

- H. Helix.** The true **English Ivy.** A valuable and well-known evergreen climber; hardy as far north as Philadelphia. In Florida it prefers the north side of a house or wall. Pot-plants, 15c each.

## JASMINUM

- J. officinale.** (*Poeticum*). **Hardy Jessamine.** A climbing shrub (needs assistance in climbing) with dark green, glossy leaves, hardy in the South. Fragrant white flowers, borne in summer. Very fine. Pot-plants, 10c, 20c and 35c each.

## LONICERA

- L. Halleana.** **Halls Japan Honeysuckle.** Very strong-growing. Everblooming; flowers white changing to yellow, very fragrant. One of the very best in cultivation. One of the finest plants for screening foundations of houses, walls, low outbuildings or fences. In very cold weather the leaves have the rich coloring of autumn, but do not drop, and again regain their fresh green. Good, 1-year-old, 15c each, \$1.25 per doz.; 2-year, 25c each, \$2.00 per doz.
- L., Japan Golden Variegated.** Similar to Hall's in habit of growth and flower, but with foliage elegantly variegated with golden yellow. A choice vine. Strong plants, 15c each.
- L. sempervirens.** **Coral Honeysuckle.** Flowers bright scarlet, very pretty; handsome native climber. 25c each, \$2.50 per doz.

## RHYNCHOSPERMUM

- R. jasminoides.** **Star Jessamine.** China. One of our most valuable evergreen climbers; hardy throughout the state. Flowers small, white, very fragrant, and produced in



*Rhynchospermum jasminoides* and *Panicum excurrens*.

great profusion in the spring. The plant, with its dark green shining leaves is beautiful at all seasons. Fine pot-plants, 15c each, \$1.50 per doz.; extra strong, bushy, 25c each, \$2.50 per doz.

**R. jasminoides variegatum.** Beautiful variegation. White, green, and tinged with red. Both sorts are admirable for growing as screens on wire work, both in and outdoors. Nice pot-plants, 15c each, \$1.50 per doz.; larger, 25c each.

### ROSA

**R. bracteata.** The **Macartney Hedge Rose**. Small, dark green leaves, with large, single white flowers. Without exception the best Rose for fences, or dense hedges of moderate size, for the South. Grows in almost every quality of soil equally well and is a neat, vigorous plant of very attractive appearance. Perfectly hardy in the whole South and with heavy, fibrous roots. We grow it now in considerable quantity. Write for special rates on this, or anything wanted in large supply. Fine 1-year-old, 15c each, \$1.25 per doz, \$8 per 100; 2-year-old, 25c each, \$2 per doz.

**R. setigera.** Variety, "**Queen of the Prairie**." Double pink flowers, freely produced only in the spring. A strong grower which makes excellent stock to graft upon. Strong 1-year-old, 15c each, \$1.50 per doz.

**R. Sinica. Cherokee Rose.** An old, well-known southern variety with large glossy leaves and single white flowers borne in profusion in spring. A rampant grower and suitable for

tall or very dense hedges. Hardy in the lower South. Strong 1-year-old, transplanted, 15c each, \$1.50 per doz., \$10 per 100.

For other climbing Roses, see **Sec. XI.**

### SMILAX

Our native evergreen "**Greenbrier**" or "**Bamboocreeper**." A handsome vine with small thorns; leaves glossy and now used largely in florists' decorative work. The berries are freely produced in clusters and hang persistently for a long time; color black or dark green. Hardy throughout the South. Strong roots, 15c each, \$1 per doz.

### WISTARIA

**W. brachybotrys rubra.** A very hardy, well-known vine, having compound leaves of deciduous habit, used for covering arbors and training on porch pillars, etc. Flowers a rich blue, produced all summer very freely. A strong grower, which flowers at an early age. Very strong vines, 15c each, \$1.25 per doz. Heavy vines, 25c each, \$2 per doz.

**W. Sinensis. White-Flowered Chinese Wistaria.** This is the most remarkable vine of China, where arbors are covered with the graceful growth and the immense bunches of flowers allowed to droop down like bunches of grapes. Nice grafted stock, 35c each, \$3.50 per doz.

**W. Blue-Flowered Chinese.** Grafted plants, 35c each, \$3.50 per doz.

**COLLECTION HV.** Five strong vines, our choice from this section, sent postpaid for 50 cents. The pot-plants may be set out any time; the others in cool weather.

### TESTIMONIALS FROM THE SOUTH

Shreveport, La., Oct., 1906.—"Plants received and every one satisfactory. I am sending another order today" etc.—Mrs. Andrew Querbes.

Bennettsville, S. C., Oct., 1906.—"The box of palms received in fine order, many thanks for same and for the extra plants. They were beautifully packed, fresh and in such good condition."—Mrs. Julian J. Matheson.

Birmingham, Ala., Dec., 1906.—"The plants were received very promptly and in excellent condition. It was a pleasant surprise to see the large size of palms, citrons, etc. after having had some bad experience with another firm."—Ernest Maehl.

Thomasville, Ga., Dec., 1906.—"Plants arrived in fine condition."—H. J. Seagroatt, care of Mrs. J. Thomas.

Selma, Ala., Dec., 1906.—"Palms arrived O. K. They are beautiful and I am well pleased."—(Rev.) Thos. D. Madden, Jr.

Aberdeen, Miss., Dec., 1906.—"Orange trees arrived in good order. I have an Oneco mandarin two years old which bore a nice crop this year."—J. M. Acker, (Mayor.)

Natchez, Miss., Jan., 1907.—"Plants and bulbs came in first class condition."—Mrs. J. N. Carpenter.

New Orleans, La., Feb., 1907.—"I received the plants yesterday and must say that I am more than satisfied and surprised at the quantity and quality of plants you sent. Not one of them showed the least sign of hardship which they were subject to in railroad transit. In fact I can justly add that I have received quite a quantity of plants from different nurserymen, but have never received such a good quality of plants to equal the ones you shipped me."—G. W. Dunbar.

Broussard, La., Feb., 1907.—"Your package of plants reached me in splendid condition. It is a pleasure to deal with you, and it is astonishing how well your stock grows. Of the hundreds and hundreds of plants from you in the last two years I lost only one oleander and that owing to the dryness of the past year."—(Rev.) Arthur Drossaerts.

Brickyard, Ala., Feb., 1907.—"All previous orders filled by you have been very satisfactory and I take pleasure in naming you to my friends."—Mrs. T. M. Flournoy.

Centerville, Miss., Feb., 1907.—"The ferns came today in splendid condition."—Mrs. Laura Anderson.

Beaufort, S. C., Feb., 1907.—"Plants to hand O. K. Accept thanks for extras and your usual generous treatment."—C. S. Johnson.

Roanoke, Ala., March, 1907.—"The plants you sent me were received in perfect condition and were all satisfactory. Please send" etc.—Mrs. Jno. A. Carlisle.

Owensboro, Ky., March, 1907.—"Enclosed find order. \*\*\*\*\* The palms procured from you last season are giving excellent satisfaction," etc.—Elijah Steitler.

Norfolk, Va., March, 1907.—"The palms and ferns together with the beautiful premiums came yesterday in fine shape. Your packing is far ahead of them all and in fact is perfect."—Alice Hall.

Valdosta, Ga., March, 1907.—"Plants received in beautiful condition, and were such large plants for the price that I cannot refrain from writing to thank you, and to express my delight with them. I have purchased palms from a number of firms and I can truthfully say that yours are as large as many plants at double the price."—Mrs. Jas. Lloyd Staten.

# XIV. Tuberos, Bulbous and Herbaceous Plants.

Explanation of the starring system: \*Those of a tropical nature, useful in frostless regions, or for bedding out during the summer at the North. \*\* Those of a semi-tropical nature, standing sharp frosts without serious damage. \*\*\* Hardy as far North as the Ohio river (or farther) in the open ground.

## ALOCASIA\*

Experts have decided that the species lately catalogued under this genus are properly *Xanthosomas*, which are almost identical botanically. See *Xanthosoma* at end of this Department.

**A. Violacea.** A rare and beautiful aroid, with leaves of a rich violet-bronze, differing from anything we have in color. Evergreen. A very elegant plant for conservatory or garden; leaves of classic outline. Pot-plants, 25c and 35c each.

**A. macrorhiza.** Leaves rich green, arrow-shaped, much like preceding species except in color. 25c each.

**A. macrorhiza variegata.** Foliage variegated with white. Rare. 50c each.

## AMARYLLIS

**A. Johnsonii.** \*\* A gorgeous spring-blooming bulbous plant, well-known and hardy all over the South. The crimson flowers are borne on tall stalks, and the whole umbel of flowers is usually in full bloom at the same time. Strong



**Amaryllis.**

bulbs, 20c each, \$2 per doz.; extra large, 35c each, \$3.50 per doz.

**A. equestris.** \*\* One of the best evergreen species, with bright red flowers; particularly floriferous. Is of the easiest growth. Blooms in early spring and summer. A large stock enables us to offer flowering bulbs at 15c each, \$1.50 per doz.

**A. Nehrling's Hybrids.** \*\* These are gorgeous flowered, from the best *Empress of India*, *Enchantress*, *Southey* and other types—fine large flowers of the finest color and markings; they are well-formed, open and short tubed, and with very broad rounded segments. The colors range from a light dazzling scarlet to a deep crimson, more or less striped with white, etc. Many are very fragrant. There are none finer than these grown anywhere, and all are entirely new, and exceedingly rare. Bulbs of flowering size, 75c each, \$7.50 per doz.

## FANCY CALADIUMS.\* \*

Splendid ornamental foliage plants, dying down through the winter months; leaves marked with the brightest colors, red, green, yellow and sometimes a transparent white, all arrow-shaped. No other ornamental plant possesses more richness or delicacy in coloring. Prefers moist and half-shaded locations. Has proved a grand house plant; enjoying the partial shade of rooms. Mixed bulbs, not named, 15c each, \$1.50 per doz. Our named collection is exceedingly select as may be seen from following list of the finest kinds. Dry bulbs furnished in winter; started plants later at same prices during spring and summer. These are very fine for window boxes, pots, or for open ground beddings. Soil should be light and very rich.

**America.** Deep green ground and ribs. Entire leaf uniformly marked with large and small irregularly-shaped pink spots bordered white. 20c each.

**Annibal.** Carmine ribs and center, bordered golden-green. Fine and robust. 20c each.

**Alfred Bleu.** Brilliant pink center, green edge, white spots. 25c each.

**Belleymeil.** Long leaf, bluish-green, densely freckled white. Very beautiful and refined. 15c each.

**Bilontra.** Very distinct. Green with large beautiful transparent violet centers. 30c each.

**Boildeau.** Body of leaf medium green with delicate veining of scarlet; center of leaf and ribs deep rich scarlet. 15c each.

**Coacoochee.** Bright deep pink, changing to a deep metallic green becoming almost pure white with a green border. Vigorous, fine for bedding. 15c each.

**Chantini.** Deep red center, bright red midrib and nerves, edge green, colored densely with white spots. Vigorous and beautiful. 20c each.

**Countess of Warwick.** Leaf arrow-shaped, beautiful red center and narrow green edge. Fine and distinct. 35c each.

**Coupe d'Hebe.** Leaf large and cup-like; ground color a beautiful lilac rose with green midrib and veins. A part of the midrib and main nerves brownish-black. Grand. 25c each.

**Diamantina.** A beautiful transparent pink with deep red midrib and veins. The green edge is densely covered with pink spots. One of the grandest caladiums in existence. 30c each.

**Dr. Wilhelm Miller.** Red predominates at all times with a little green, finally the leaves attain a very beautiful deep glowing pink color. Grand. 25c each.

**Dona Carmen de Macedo.**

Transparent rosy-red with conspicuous green midrib and veins which are narrowly bordered by a thread-like white stripe. Grand. Stands the sun well. 30c each.

**Duchesse de Mortemart.**

Grand. Whole leaf glossy, marbled creamy-white and green. A most refined color combination and very effective. Tall and bushy grower. 35c each.

**Duc de Batibor.** Shell-like rather small leaf with edges turned up. Bluish-green with light red midrib and many white spots. Bushy grower. 15c each.

**Duchartrei.** Variable. White ground with pink tinge, green veins, now and then an orange-red spot. Good for massing. Robust. 25c each.

**Dr. Augustine de Castro.**

Green ground, speckled, spotted and splashed white, suffused pink. Ribs deep scarlet. A handsome sort. 30c each.

**Elsa.** Indescribably beautiful, changing from a deep green to a most intense deep pink, densely freckled with crimson. Strong grower, 30c each.

**Estacio de Sa.**

Ebony black leaf stems, large green leaf, suffused with a tinge of deep brown and covered with white freckles. Short midrib and nerves chocolate brown. Very distinct and vigorous. 30c each.

**Emile Verdier.** Gray-green ground; ribs pale green; center full red changing to a beautiful creamy white bordered gray; deep crimson spots. 20c each.

**Geo. Huster.** Leaf large and very glossy. Center deep red with broad creamy-white edge which is covered with a mosaic of very deep velvety green spots. Most distinct and beautiful. 30c each.

**Gartendirector Gireoud.** Ground color creamy-yellow, with numberless red transparent spots. Growth low and bushy and very effective. Variable. 35c each.

**Gaudalajara.** Cream ground shaded green, thickly marked with white blotches and spots changing pink. Delicate and beautiful. 30c each.

**Grandum.** Green ground mottled, spotted and shaded pink. Light crimson ribs bordered rich crimson. 25c each.

**Hildegard Nehrling.** One of the most beautiful of all caladiums; seedling of Uberabinha and Gaston Chaudren. Vigorous, especially adapted for massing. Stands the sun well, in fact it is much brighter in full sun. Broad leaves white, clouded green with deep red midrib and main nerves. In half-shade almost pure white, in full sun suffused with a beautiful deep pink color. 35c each.

**Houletti.** Deep green ground; white ribs and center, bordered gray; thickly spotted white. 15c each.

**Harold.** Medium green ground, spotted and splashed white; center of leaf gray, ribs deep crimson. Magnificent. 30c each.

**Jupiter.** Green with red midrib and veins, freckled with white. Form of leaf very regular and fine. 20c each.

**L'Albane.** Variable. Silky white center with a pink tinge. Fine bedder. 20c each.

**Lord Derby.** New and exquisite. Leaves wavy edged, mostly a rich pink in color, and very attractive. 35c each.

**Lydia.** One of the finest white kinds with large leaves carried on bluish-black stems, very beautiful. 30c each.



Fancy Caladium Foliage.

**Mayor Benson.** Of medium growth and rich colors, deepest shining crimson. Deep lustrous green ground overspread with a net-work of fine crimson veins and nerves. Entire leaf showing numerous bright crimson spots. 30c each.

**Mme. Fritz Koehlin.** Large, long leaf, white with red veins and ribs. Beautiful 25c each.

**Osceola.** Large, deep-green leaf with violet-crimson center, crimson midrib and nerves. Whole leaf appears as if covered with a tinge of violet and metallic colors. Very robust and beautiful. Fine for massing. 15c each.

**Orense.** Light pink ribs and veins bordered white and gray. Green ground shaded and veined gray. 15c each.

**Pictum.** Rather long, light-green leaf, with a number of creamy-white and a few pure white spots. Fine for massing in connection with some of the red kinds. Attains a height of from 4 to 6 feet in good soil. 20c each.

**Picturatum.** Pointed leaves, green, with red centers and veins. 20c each.

**Porto Novo.** Tall and vigorous. Leaf triangular somewhat undulated. Light red center bordered by a white zone, edge green. Covered profusely with a number of rather large blackish-red spots. One of the most effective and beautiful caladiums. 35c each.

**Reine Victoria.** Deep metallic glossy green with blue reflections, densely spotted white, finally almost pure white; now and then a red spot. Attains a height of 4 feet, very dense, fine for massing. 15c each.

**Rio Clara.** Light green ground thickly spotted and splashed white; center of leaf light violet, ribs and nerves deep pink. 20c each.

**Roncador.** Pink and white ground, green ribs and veins. Presents a chaste appearance. 20c each.

**Seminole.** Large, rounded leaf, green; red center and midrib, large red spots. Fine for massing. Vigorous. 10c each.

**Stephen Girard.** Glossy green, light red midrib and nerves; dense white spots near center. Rare. 35c each.

**Trahiras.** Large, pure white leaf with green veins; very stylish. Vigorous. 20c each.

**Triumphe de L'Exposition.** Very grand, of imposing growth. One of the finest Caladiums imaginable. Leaves immense, brilliant red in center, deep-red zone, green border. Fine for bedding. 30c each.

**Venosum.** Deep green with metallic and steel-blue reflections. Lobes wanting; sinews whitish; leaf with a narrow red edge, and distinct

narrow white midrib. Fine for massing in connection with strong-growing kinds. New and rare. 15c each.

**Vesta.** Green ground, greenish-white ribs and veins, surrounded by salmon-red, spotted white. Medium growth. 25c each.

**Wightii.** Large glossy green, with large pure white and a lesser number of large, scarlet spots; fine for massing. Vigorous. 10c each.

## CANNAS. \* \*

Splendid broad-leaved plants which give a tropical effect in bedding. One of the finest plants for general planting we know. Suitable for almost any and every place no matter how limited. Their growth is so easy and flowers so freely produced that we wonder why they are not grown more widely. Rich soil, plenty of water, and a sunny location are essential. After flowering cut out each matured stalk to allow young suckers to come into blossom. Our collection embraces the best sorts, with both green and bronze foliage. All have exceedingly gorgeous flowers. **Strong roots without naming, mixed, all different, 85c per doz.** (All started plants after March 1st.)

**Alsace.** Almost white; pale cream color. Grows about 4 1-2 feet high. Foliage green. 10c each, \$1 per doz.

**Austria.** The gorgeous orchid-flowered Canna, a hybrid with *Canna flaccida* as one parent. Flowers of immense size, 5 or 6 inches across. Golden yellow. 10c each, \$1 per doz.

**Bassett's Red.** Bronze foliage; deep scarlet flowers. Medium tall grower. New. 20c each.

**Black Beauty.** A splendid new variety, with dark bronze-purple foliage. Grows tall. 20c each, \$2 per doz.

**Charles Henderson.** One of the finest crimson sorts. Rarely grows over 3 1-2 feet high. Large flowers in compact trusses; very effective. 10c each, \$1 per doz.

**Cinnabar.** Cinnabar-red edged golden-yellow. Grows about 4 1-2 feet high. Fine. 15c each, \$1.50 per doz.

**David Harum.** A new sort, having bronze foliage, not too dark; flowers a pleasing orange-scarlet. Very attractive. 20c each.

**Duke of Marlborough.** "The finest of the very deep crimson; fine individual blooms in large trusses." Foliage green. Grows about 4 feet high. 15c each, \$1.50 per doz.

**Egandale.** Foliage dark maroon; very compact. Splendid flowers of a cherry color. 10c each, \$1 per doz.

**Florence Vaughan.** One of the finest yellow spotted varieties. Rich golden yellow, spotted with bright red. Large flowers; dwarf plant. 10c each, \$1 per doz.

**Gloriosa.** A new dwarf, with plain green foliage and gorgeous blooms, in immense trusses; scarlet-crimson, bordered with golden yellow. 10c each, \$1 per doz.

**Harry Laing.** "Exceedingly large, well rounded flowers of rich glowing scarlet suffused with orange." Foliage green. 15c each, \$1.50 per doz.

**Italia.** Orchid-flowered; of immense size. Gorgeous flowers; golden yellow, blotched with orange-scarlet on the upper petals; lower petals scarlet, with yellow edge. 10c each, \$1 per doz.

**Jas. Veitch.** Tall grower, with bronze foliage, flowers rather small, rich scarlet. 15c each, \$1.50 per doz.

**John Laing.** Bright orange; very large and fine. A choice sort. 10c each, \$1 per doz.

**John White.** This seems to be similar to Robusta, but when young and thrifty has variegated leaves. 10c each, \$1 per doz.

**Louis Colomb.** Bronze leaves of good strong growth; flowers orange, bordered gold. Fine. 10c each, \$1 per doz.

**Maiden Blush.** Pink-flowered. A very attractive variety. 15c each.

**Marechal Vaillante.** Plant medium size, with the richest bronze-red leaves. This has the darkest foliage we have ever seen in a Canna. The

leaves are long and pointed. 10c each, \$1 per doz.

**Miss Berthine Brunner.** "Large, open panicles of pure yellow flowers, minutely spotted with orange-scarlet." Very fine new sort. 15c each, \$1.50 per doz.

**Mrs. Kate Gray.** Very robust sort, with extra large green leaves; flowers orange-scarlet overlaid with gold, and measure from 5 to 7 inches across. 15c each, \$1.50 per doz.

**Pennsylvania.** One of the orchid-flowering Cannas with enormous flowers from 5 to 7 inches across, of an intense vermilion-scarlet, overlaid with an orange sheen. Foliage green. Plant grows 6 to 8 feet high. 15c each, \$1.50 per doz.

**Robusta.** A large variety, with bronze-red and green foliage. A grand foliage sort. Small red flowers. 10c each, \$1 per doz.

**Rubin.** Flowers ruby-carmine, very rich and glowing; foliage dark bronzy-green. One of the finest new sorts. 20c each, \$2 per doz.

**Secreteaire Chabanne.** Flowers in great clusters, distinct and pleasing salmon, of large size. Always in bloom, sometimes three clusters on a single stalk at once. Foliage green. New. 15c each, \$1.50 per doz.

**Souvenir d'Antoine Crozy.** Rather dwarf plant, with green foliage. Color a dazzling crimson-scarlet with a laced border of gold. 10c each, \$1 per doz.

We will send 12 Cannas, without naming, for 85c. All different sorts, and started plants after March 1st.

**C. flaccida.** Our native Orchid Canna. Dwarf habit, with clear yellow flower 3 to 5 inches across. Light green leaves. 10c each, 75c per doz.

## CRINUM.\*\*

**C.\* \*** These magnificent flowering bulbs are closely related to *Amaryllis* and *Pancratium*. Evergreen of easy culture; in Florida in the open ground, in the North in the greenhouse. Many of the choice sorts rarely produce new bulbs, and consequently are very high-priced.

**C. Americanum.** A most beautiful plant, producing umbels of large, white, lily-like flowers, often six or eight to the spike. A native of the Florida swamps, but, like most of the Crinums, not particular as to soil or situation. 20c each.

**C. Sp. from Assam.** Flowers white, striped with soft pink, about the size of those of *C. Kunthianum*, but distinct. Rare, and entirely new. Strong, 35c to 75c each.

**C. Cappedum.** A magnificent hybrid between the huge *C. pedunculatum* (St John's Lily) and a fine type of *C. Capense*. It has the stately habit and almost the size of the larger parent, while the flowers are broad-petaled, widely open, very numerous, and of a crisp whiteness, sometimes assuming a rosy tint before they fade. Large bulbs, \$2 each.

**C. Capense.** A beautiful sort from Cape of Good Hope, flowers waxy pink and white, and borne

in profusion; sometimes pure white. Foliage a bluish-green. 35c each.

**C. crassifolium.** Very rare species. Flowers in large bunches on strong stems, about Easter, or later; color waxy white, with pale pink stripes; form full, bell-shaped. One of the finest. 50c each.

**C. erubescens.** Has long drooping leaves, and flowers resembling *C. Kirkii*. Strong bulbs. 40c each.

**C. fimbriatum.** Nassau, or Milk and Wine Lily. A strong grower, not particular as to soil. Flowers in umbels, large and showy; striped white and carmine; 3 to 4 inches in diameter. Exceedingly choice and desirable as a pot-plant or for bedding out during summer at the North. The fragrant flowers are so different from any of the more common flowers grown North that they produce a sensation when seen. We offer two sizes. Small bulbs will bloom next year, 5c each, 50c per doz. Blooming size, 15c each, \$1.25 per doz.

**C. giganteum.** Flowers of a vanilla fragrance, pure white. Very scarce. A fine species. 30c each.

**C. hybridum, J. C. Harvey.** A fine vigorous hybrid (*C. Moorei* X *C. Kirkii*) evergreen, partaking in habit almost equally of both parents; hardier than *C. Kirkii*; adapted as well to tropical conditions as to more temperate climes. Flowers rose-pink, nearly as large as *C. Moorei*; more drooping in habit; not unlike *Amaryllis Belladonna*; exceedingly fragrant; very floriferous, and of good substance, a single bulb often producing three flower-stalks in one season. One of the finest hybrids ever produced, and very distinct. Mr. Harvey raised this in California, and later removed all the plants to lower Mexico, on the Isthmus of Tehuantepec. We control the entire stock of plants, which is very limited as yet. \$2 each.

**C. hybridum, W. C. Steele.** Another nice hybrid, raised by Mr. W. C. Steele, of Florida. It is *C. pedunculatum* X *C. Kirkii*, and plants show some characteristics of both parents, being almost as hardy as *C. pedunculatum*. Also able to stand white frosts. Flowers striped flesh-pink (almost white) and rose-pink, freely produced, and deliciously scented. Altogether a very good addition to the genus. We have purchased the entire stock of plants. Strong bulbs, will bloom this year. 30c each.

**C. hybridum, Empress of India.** Flowers open wide, with recurved petals; the tube usually long. Color of petals white, but showing a flush of pink through from the backs, which are striped bright rose. Vigorous grower. Good bulbs, 75c each.

**C. Kirkii.** The flowers are large, white, with a reddish-purple on the outside of each petal, which, showing through, gives the flower a pink tinge on the inside; some 10 of 15 of these flowers are produced at the top of a tall purple spike, and there are frequently two or more spikes of bloom from the bulb during the season. In addition, the foliage is very handsome, the numerous wavy-edged leaves forming a perfect rosette. Flowering bulbs, 25c each; extra large, 35c each.

**C. Kunthianum.** Vigorous growing and abundant bloomer from New Granada. Flowers lighter than *C. scabrum*, and the whole plant taller and larger. This is a grand species, with splen-



"The Beautiful Crinum."

did colored flowers, freely produced. 25c to 50 each.

**C. scabrum.** Tropical Africa. Five to ten flowers in an umbel, of a dull white, tinged with rosy red. Leaves light green, spreading, with wavy edges. Very choice species. 25c to 50c each.

**C. Virginicum.** A choice hybrid, originated in England; flowers very large and widely opened, white and rosy pink. 25c to 50 each.

#### CURCUMA

**C. petiolata.\* \* Queen Lily.** A choice plant with broad leaves like a canna, but strongly veined and arched. Flowers in large torch-like bunches, white, tinted pink, which last for weeks. 10c each, \$1 per doz.

#### EUCHARIS

**E. Amazonica.\* Amazon Lily.** Flowers pure white, star-shaped, 4 inches across, and very fragrant. Spring flowering. 35c each.

#### GLORIOSA

**G. superba.\* \* A gorgeous lily-like plant, growing 4 to 5 feet high and bearing quantities of deep orange and yellow flowers during the summer. It blooms for months and is a first-class ornament for screens; it requires a slight training. Tubers, 20c each, \$2 per doz.**

**G. Virescens.\*\* This has similar color to above, but petals are not wavy. Very vigorous. Fine. 20c each.**

#### HEDYCHUM

**H. coronarium.\* \* Ginger Lily. Butterfly Lily.** This magnificent plant flourishes best on low, moist land, where it will form a dense clump 3 to 4 feet high. The roots are tuberous, and the plant may be safely grown over the entire South. The masses of fragrant, pure white flowers, looking much like large white butterflies, are borne in large clusters, terminal on every stalk. If kept in the house in a growing state, it blooms continuously. 10c each, 85c per doz.; larger plants may be sent by express than by mail.

#### HEMEROCALLIS

**H. Kwanso fl. pl.\* \* Day Lily.** A popular hardy plant, with lily-like flowers in bloom all through



**Hedychium coronarium.**

the summer; orange-yellow. The flowers of this variety are double and freely produced. Prefers partial shade. 15c each, \$1.50 per doz.

**H. Kwanso.** Single flowered.\* \* \* 15c each.

### IRIS

**I. hexagona.\* \* \*Blue Flag.** Evergreen. A hardy southern variety of the greatest possible beauty. The loveliest flowers of the whole South. Rich purple and blue with yellow markings; 3 to 4 inches across; resembles the costliest and rarest orchid flowers. Blooms in spring. 10c each, \$1 per doz.

**I. hexagona alba.\* \* \***A very rare form of the common Flag, with pure white flowers. A splendid plant. 15c each, \$1.50 per doz.

**I. Kaempferi.\* \* \***Japanese Iris. The finest flowered of all the Irises in many shades of color, and flowers often a foot wide. Strong plants. Mixed varieties, 15c each, \$1.50 per doz.

### KAEMPFERIA

**K. rotunda.\* \* \***Flowers appear early in spring before any foliage; are of a lilac, tinged rose color of good size. The leaves resemble a Maranta and are bronze and purplish, growing about a foot high. 20c each, \$2 per doz.

### MARANTA

**M. raundinacea variegata.\* \* \***See Department IX.

### MOROEA

**M. iridioides.\* \* \***"Natal lily." An iris-like plant, succeeding here perfectly. Has beautiful white flowers, touched with yellow and purple. Exceedingly elegant, and easily grown. Fine for massing, and produces flowers all the year. Is practically hardy all over middle Florida, succeeding in either sunshine or shade. A splendid cemetery plant, and useful for borders anywhere. 10c each, \$1 per doz; larger clumps. 25c each, \$2.50 per doz.

**Collection B. R.** Five plants, our selection, labeled, sent postpaid for 40c.

**Collection B. R. I.** Ten plants, our selection, sent postpaid, and labeled, for 75c.

Most of the foregoing list should be planted in winter or early spring.

## PANCRATIUM

**P. Caribbaecum.\* \* \***(Hymenocallis). The Spider lily, or Spanish Lily. A bulb of easiest culture, producing large clusters of fragrant flowers, a few plants giving a succession of bloom all summer. Color pure white. Introduced by us to the plant-growers of America and Europe. A truly magnificent flowering plant, with wide, evergreen leaves. 10c each, 85c per doz. Very large, 15c to 25c each.

**P. rotatum.\* \* \***Florida. Plant smaller than *P. Caribbaecum*; spikes bearing one or two large white fragrant flowers. 10c each, 85c per doz.

## POLYANTHES

**P. tuberosa.\* \* \***The Tuberose. Double flowered. The well-known Tuberose with its very sweet pure white flowers in spikes. Strong bulbs, 15c each.

**Single flowered.** A grand novelty, blooming much more freely than the double sort. Equally fragrant. Fine bulbs, 15c each, \$1.50 per doz.

**Variegated Leaved.** This has single orange colored flowers. 20c each, \$2 per doz.

## REINECKIA

**R. carnea.\* \* \***A tufted plant with creeping root-stalk, grassy leaves and rose-colored, fragrant flowers from China. A useful plant for small borders. 10c each, \$1 per doz.

## RICHARDIA

**R. Africana.\* \* \***Calla Lily. A good, old-fashioned plant, always popular. From August to November we can supply dry bulbs at 10c and 15c each, which will flower winter and spring. Later these plants are 25c each.

## XANTHOSOMA

**X. Bataviensis.\* \* \***The Xanthosomas are similar to Caladiums, and Alocasias, having great arrow shaped leaves, and many with edible tubers. This species has rich purple stems and dark green leaves. 20c each, \$2 per doz.

**X. illustris.\* \* \***Leaves blotched with dark purplish black on green. It is not a large-growing sort, but it is very handsome and striking, and a grand plant for summer bedding. Will grow in either full sunshine or part shade. Strong plants, 15c each, \$1.50 per doz.

**X. Javanica.\* \* \***A grand species, of large size, with deep bluish-green foliage, and very dark stems. A superb decorative subject; evergreen habit. 35c each, \$3.50 per doz.

**X. Marshalli.\* \* \***Very quick-growing, of medium size. Green leaves and dark stems; an especially good bedder for all parts of the States, having warm summers. Quite different from the common "Elephant Ears" so often seen, and being of easy growth cannot fail to give satisfaction. Strong tubers (started after March 1st), 10c each, 85c per doz.

**X. robustum.\* \* \***(*Alocasia Childsii*). The "New Century flowering caladium." Leaves light green, very large; flowers fragrant. A fine thing. 20c each.

**X. sagittifolium.\* \* \***This has been grown in Florida for years—possibly by the Seminole, and the tubers are excellent for culinary purposes. Leaves light green; plant vigorous. A very beautiful bedding plant. 15c each, \$1.50 per doz. (For other Xanthosomas and Colocasia see Dept. III).

## ZINGIBER

(Ginger.) See Department III.

## XV. Tropical Shade Trees.

Suitable only for frostless regions, or for growth in large conservatories. A few are used as decorative pot-plants when small, as *Ficus*, *Grevillea*, *Jacaranda*, and others. There are also some suitable fruit and economic trees suitable for shade; note especially *Ficus aurea*, *Lucuma mammosa*, *L. serpentaria*, *Mammea Americana*, *Mangifera Indica*, *Nephelium longanum*, *Persea gratissima*, *Spondias dulcis*, *S. lutea*, *Tamarindus Indica*, *Terminalia catappa* in Department I: *Adenanthera pavonia*, *Aleurites triloba*, *Baphia racemosa*, *Caesalpinia sappan*, *C. sepiara*, *Calophyllum inophyllum*, *Cedrela odorata*, *C. Toona*, *Eriodendron*, *Gmelina Asiatica*, *Hymenaea coubaril*, *Kola acuminata*, *Paritium elatum*, *Pithecolobium saman*, *Pterocarpus macrocarpus*, *Sapindus saponaria*, *Swietenia*, and *Tectona grandis* in Department III.

### ACACIA

- A. intzia.** Of very quick growth. Leaves finely decomposed. Large, pot-grown. 6 to 8 feet, \$1 each.

### ALBIZZIA

- A. Lebbek.** Woman's Tongue Tree. A handsome pinnate-leaved shade tree from Jamaica. Does well here; of quick growth. Resembles the Royal Poinciana, but leaves are not so finely cut. Pot-grown, 2 to 3 feet high, 25c each, \$2.50 per doz.; 3 to 5 feet, 35c each, \$3.50 per doz.; 5 to 7 feet, 50c each, \$5 per doz.; larger, 75c each.

- A. fastigiata.** A new species from Africa, with very handsome leaves. \$1 each.

### ANDIRA

- A. inermis.** The cabbage tree. Foliage compound, evergreen; flowers in huge racemes, lilac-like with a peculiar smell. Rare. \$2 each.

### BIGNONIA

- B. suaveolens.** From India. A tree with immense, spreading, compound leaves, and dull crimson, very fragrant flowers, 50c each.

- B. adenophylla.** New and rare. 50c each.

### BISCHOFIA

- B. Javanica.** An East Indian tree growing freely in our sandy soil. The foliage is of a bronzed-green, distinct and handsome; compound. Fine for avenues. Pot-grown, 25c each, \$2.50 per doz.; 4 feet high, 50c each, \$5 per doz. Extra large, 75c each.

### BRACHYCHITON

- B. acerifolium.** New and rare. reaching a height of 60 to 100 feet. Leaves 5 to 7 lobed; flowers bright red. Fine for street planting. Pot-grown, small, 25c each, \$2.50 per doz.

### CASTANOSPERMUM

- C. australe.** Moreton Bay chestnut, from Australia. Has immense compound leaves. A large tree. Pot-grown, 50c each.

### CECROPIA

- C. palmata.** Snake Wood, from the West Indies. Very handsome leaves, silvery white on the under sides, and makes an attractive tree. The female bears very curious fruits, cylindrical, in bunches, (like fingers), edible. Is a very quick grower. Nice plants, pot-grown, 15c each, \$1.50 per doz.; larger size, 3 to 4 feet, 25c each, \$2.50 per doz.

### COLUBRINA

- C. ferruginosa.** The Martinique Greenheart, or Porto Rico Snake-wood tree. Pot-grown, 50c each.

### DIOSPYROS

- D. discolor.** Evergreen. Rare. Pot-grown, \$2 each.

### ENTEROLOBIUM

- E. cyclocarpum.** "Parota" of Central Mexico. A large tree with an immense broad top shading a big area. Belongs to the Leguminosae, and has flowers in immense bunches. Leaves compound. Rare, just introduced by us in 1903. Pot-grown, 50c each.

### FICUS

- F. altissima.** New. From India. This is a large-sized tree, which would do well in extreme South Florida outdoors. The beautiful leaves are oblong and beautifully veined. It resembles the new *F. pandurata*. Splendid plants (pot-grown), 40c, 60c and \$1 each.

- F. Cunninghamii.** A new species, lately introduced. This and *F. infectoria* are specially



Silk Oak (*Grevillea*) at Royal Palm Nurseries.

recommended as shade trees for extreme South Florida. Fine, pot-grown, 35c each; larger, 5 to 7 feet, \$1 each.

**F. elastica.** **India Rubber Tree.** See Economic Department.

**F. infectoria.** From India. One of the finest shade trees, with long, glossy leaves. Will do well in extreme South Florida outdoors. Pot-grown trees in several sizes from 20c each, \$2 per doz up to very large specimens, 5 to 7 feet at \$1.25 each.

**F. macrophylla.** **Moreton Bay Fig Tree,** from Australia. Resembles *F. elastica* slightly, but has pointed leaves and yellow sheaths and petioles. A splendid species. Fine plants, 50c and 75c each.

**F. Sycamorus.** **Pharaoh's Fig or Sycamore fig** of Egypt. Leaves ovate, entire; tree a quick grower and valuable for shade. Pot-grown, 1-year strong, 25c each, \$2.50 per doz.

#### GLIRICIDIA

**G. platycarpa.** From Cuba. A tree of about 20 to 25 feet in height; has lovely pink flowers. Pot-grown, 50c each.

#### GREVILLEA

**G. robusta.** **Australian Silk Oak.** A splendid fern-leaved tree, growing 120 feet in height. Evergreen, and especially adapted as a shade tree for South Florida and South California, as it is as hardy as an orange tree. Also used in decorating apartments, etc., magnificent pot-plant. Strong plants, pot-grown, 10c each, \$1 per doz.; larger (about 12 to 18 inches high),

15c each, \$1.50 per doz.; 2 to 3 feet, 25c each; \$2.50 per doz.

#### HURA

**H. crepitans.** The **Sand Box Tree** of the West Indies. A medium sized tree reaching about 40 feet with poplar-like leaves and large curious seed vessels, which when ripe burst with a loud crack, scattering seeds in all directions. Pot-grown. 1-year-old, 18 to 24 inches high, 20c each, \$2 per doz; 2 to 3 feet, 30c each, \$3 per doz.; larger, 40c each, \$4 per doz.

#### JACARANDA

**J. mimosaeifolia.** A splendid tree with large decomposed fern-like leaves, allied to *Caesalpinia*. The handsome foliage justifies its growth as a house plant in the small sizes. Flowers handsome, rich blue. Pot-grown, 1-year-old, 25c each, \$2.50 per doz.; 3-year-old, very large, 50c each.

#### LONCHOCARPUS

**L. Sp. Cuba.** A tree with large compound leaves; evergreen. Fine stock in pots, 3 to 4 feet high, 50c each, \$5 per doz.

#### PENCILLARIA

**P. spicata.** Pot-plants, \$1 each.

#### PITHECOLOBIUM

**P. filicifolium.** This is a splendid introduction of ours from Central America. Leaves finely cut, like a fern, and the tree is very dense. 35c each.

#### POINCIANA

**P. regia.** The **Royal Poinciana.** This is a beautiful deciduous tropical tree, bearing quantities of brilliant scarlet flowers in the spring. The leaves are large, decomposed, and a pleasing green. Of very rapid growth. Gives a striking tropical effect. Pot grown, 12 to 18 inches high, 15c each, \$1.50 per doz.

#### SCHIZOLOBIUM

**S. excelsum.** A tall, magnificent foliage tree from Brazil. The stem shoots up straight, like a palm, with enormous pinnate leaves (like a gigantic *Royal Poinciana*), often 6 or 8 feet long. In the young state the tree does not readily branch. Pot-grown, \$1 each.

#### SPONDIAS

**S. sclerocarpa.** Rare and new, with small net foliage, just introduced from India. Nice, pot-grown, 50c each, \$5 per doz.

#### STERCULIA

**S. alata.** New. From India. Large, pointed cordata leaves of striking beauty. This quickly reaches maturity, forming a large, fine shade tree for frostless places. Evergreen. Large, pot-grown, 35c, 50c, 75c and \$1 each.

**S. foetida.** "A large tree with evil-smelling flowers, succeeded by palatable seeds. Suitable for a dessert nut." \$1 each.

**S. fulgens.** New. From India. 50c each.

#### THESPESIA

**T. populnea.** Commonly called "**Poplar**" in Cuba. A small to medium sized tree of quick growth. Fine, pot-grown, 25c each, \$2.50 per doz.

#### TRICHILIA

**T. spondioides.** **White Butterwood tree.** Leaves pinnate; flowers greenish-yellow. A small-sized tree of tropical America. Pot-grown, 50c each.

#### TRIPLARIS

**T. Americana.** Pot-grown, 1-year-old, 35c each. Large, 7 to 9 feet, \$1 each.



*Moroea iridioides.* (See page 62.)

**COLLECTION TT.** Five trees, our selection, will be sent postpaid, all labeled, for \$1. The Tropical trees may be transplanted at any time.

# XVI. Hardy and Half-Hardy Shade Trees.

For Florida, California and the lower South. The following list may be used as shade trees also: Hickoria pecan, see Department II; Cinnamomum camphora, C. cassia, and Sapindus utilis of Department III.

## CATALPA

**C. speciosa.** The true hardy *Catalpa*, so much in demand for growing in plantations for posts and timber. A quick-growing deciduous tree, with large leaves and creamy white scented flowers. Fine trees, 1 to 3 feet high, 20c each, \$2 per doz.; 3 to 4 feet, 25c each, \$2.50 per doz.; 6 to 8 feet, 40c each, \$4 per doz.

## CELTIS

**C. Benthamil.** Light, 2-year-old, open ground, 15c each, \$1.50 per doz.  
**C. occidentalis.** Our hardy *Hackberry Tree*. Excellent for avenue planting. A fine shade tree having a very dense round top. Light, 2-year-old, open ground, 15c each, \$1.50 per doz. 2 to 3 feet, 25c each, \$2.50 per doz.; 4 to 6 feet, 50c each, \$5 per doz.  
**C. orientalis.** From open ground, 10 to 15 inches high, 15c each, \$1.50 per doz.; 18 to 24 inches high, 20c each, \$2 per doz.

## EXCAECARIA

**E. sebifera.** *Chinese Tallow Tree*. Resembles a poplar in foliage, which turns vivid colors in autumn. Seeds are coated with a kind of vegetable tallow. Pot-grown, 15c each.

## GORDONIA

**G. lasianthus.** *Loblolly Bay*. A native tree that ought to be more cultivated. A handsome evergreen tree, with lovely snow-white flowers, 3 inches in diameter, produced all summer. Will bloom when very small. Hardy as far north as Virginia, perhaps farther. 25c each.

## ILEX

**I. Dahoon.** *Dahoon Holly* of the Southern States. One of the most valuable broad-leaved evergreens. Leaves richest glossy green; tree covered with bright shining red berries in fall or winter. Fine young trees. 15c each, \$1.50 per doz.; larger, 25c each.

## LAURUS

**L. nobilis.** *Apollo's Laurel*. A choice, hardy, shrubby evergreen tree, with beautiful leaves. Much grown into decorative specimens as standards and pyramids. Large ones, perfectly grown, can be had at \$10 to \$50 each; small plants, 15c each.

## LIQUIDAMBAR

**L. styraciflua.** *Sweet-Gum Tree*. Hardy throughout the South. Naturally grows in a swamp but thrives on high land as well. A splendid tree for street planting. Leaves handsome; maple-shaped; deciduous. 3 to 4 feet, 25c; 4 to 5 feet, 35c; 5 to 7 feet, 50c each. 7 to 9 feet, 75c each.

## MAGNOLIA

**M. grandiflora.** The *Magnolia*. The most magnificent of all our southern broad-leaved evergreens. Flowers 6 inches across, pure white, waxen, and lemon-scented. Tree hardy as far north as Washington, D. C. Transplant only in cool weather, when dormant, and remove every leaf, for success. Pot-grown plants, 35c each, \$3.50 per doz. From open ground, 1 to 1½ feet, 25c each; 2 to 3 feet, 50c each; 3 to 4 feet, 75c each; 4 to 5 feet, \$1.00 each; 5 feet up, \$1.25 each.

## MELIA

**M. Azedarach, var. umbraculiformis.** *Umbrella China Tree*. A more shapely form of the old Indian species, widely advertised under the name of *Texas Umbrella Tree*, etc. One of our very best hardy deciduous trees; leaves very rich green, and hanging on later than the old *China tree*. Shade dense; form of tree an almost perfect umbrella. Nice trees, 2 to 3 feet,

15c; 3 to 4 feet, 25c; 4 to 5 feet, 50c; 5 to 7 feet, 75c; 6 to 8 feet, fine tops, \$1; 8 to 10 feet, very large, \$2 each.

## PERSEA

**P. Carolinensis.** *Red Bay, or Sweet Bay*. A handsome native broad-leaved evergreen. Wood very valuable for cabinet work, etc. 25c each, \$2.50 per doz.

## PLATANUS

**P. occidentalis.** *Plane Tree, or Sycamore*. An immense American tree of quick growth and deciduous habit. Does well generally in the South and has few insect enemies. Fine trees, 3 to 4 feet high, 25c each, \$2.50 per doz.; 6 to 8 feet, 40c each, \$4 per doz.; 8 to 12 feet, 60c each, \$6 per doz.  
**P. orientalis.** *Oriental Plane*. Resembles the preceding. A fine street tree having very few insect enemies. 2 to 3 feet, 20c each, \$2 per doz.; 3 to 4 feet, 25c each, \$2.50 per doz.; 4 to 6 feet, 40c each, \$4 per doz.

## POPULUS

**P. deltoides.** *Carolina Poplar*. A straight, upright tree with a pyramidal crown. Very vigorous and in favor as a street tree, as it forms a fine sized specimen in three to five years; deciduous, 5 to 7 feet, 40c each, \$4 per doz.  
**P. Italica.** The *Lombardy Poplar*. Tall, narrow growth; one of the most striking and picturesque of trees. Makes a handsome avenue tree of great decorative value. Deciduous. Fine trees, 2 to 3 feet, 20c each, \$2 per doz.; 3 to 4 feet, 25c each, \$2.50 per doz.; 5 to 7 feet, 40c each, \$4 per doz.

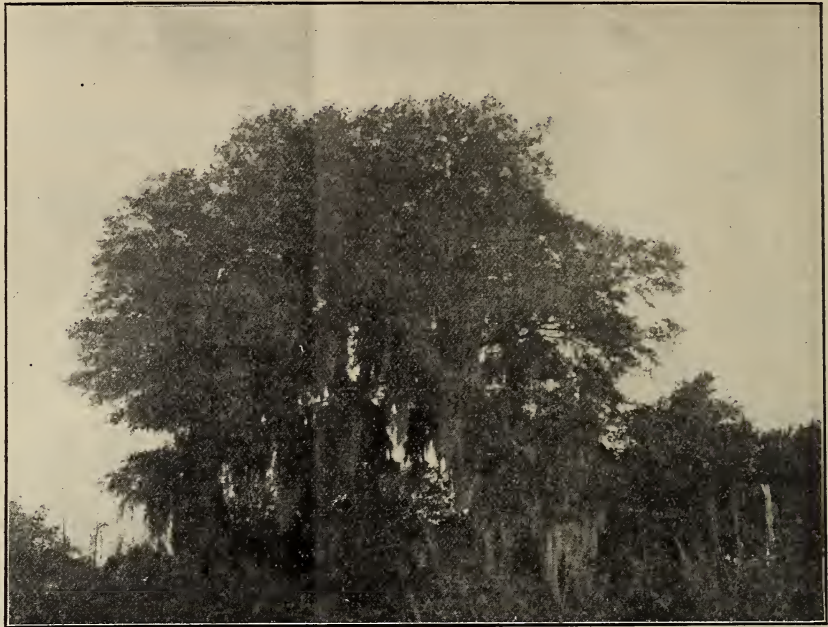


*Catalpa speciosa* flowers.

**QUERCUS**

**Q. coccinea.** **Scarlet Oak.** A splendid tree for street planting; leaves large, deeply cut like the Black Jack, or White Oak, turning richest red in autumn. Deciduous. 12 to 18 inches high, 20c each, \$2 per doz.; 18 to 24 inches high, 25c each, \$2.50 per doz.; 2 to 3 feet, 30c each; 3 to 4 feet, 40c each, \$4 per doz.

**Q. nigra aquatica.** (Listed as *Q. Phellos* incorrectly, hitherto.) Our evergreen **Water Oak**, largely used in Florida as a street tree. Quick-growing and vigorous. Fine trees, nursery grown, 6 to 8 feet, 75c each, \$8 per doz.; 8 to 12 feet, \$1 each, \$11.00 per doz.; 12 to 15 feet, \$2.00 each, \$22.00 per doz.



Large Water Oak at Royal Palm Nurseries.

**SOPHORA**

**S. Japonica.** The famed **Pagoda Tree** of China and Japan, reaching a height of 40 feet. Leaves compound, graceful, deep bluish green; deciduous; flowers white or cream-colored, small, in loose panicles. 1-year-old, pot-grown, 10c each, \$1 per doz. From open ground, 2 to 3 feet, 25c each.

**STERCULIA**

**S. plantanifolia.** **Japan Varnish** or **Umbrella Tree.** A grand shade tree, from 20 to 40 feet

high sometimes called "Chinese Parasol Tree." Deciduous. The large leaves are formed like the maple or sycamore, and the tree has a splendid dome shape, with dense foliage. Hardy in the entire lower South. From open ground. 1 to 1½ feet high, 25c each, \$2.50 per doz.

**VITEX**

**V. Agnus-castus.** **Chaste Tree.** A low-growing tree, with palmate leaves, scented like lavender. Flowers blue, in pretty spikes. A fine hardy, desirable tree. Light, 2-year-old, open ground, 15c each, \$1.50 per doz. Larger, 25c and 50c each.

**COLLECTION HT.** Five small trees from this section will be sent postpaid (our choice, all labeled) for \$1; or larger, by express or freight, at same price.

**Index at back of this Catalog. Read paragraphs 4 and 8 on page 3.**

Hardy trees should be transplanted only during winter, unless pot-grown.

**TESTIMONIALS FROM THE SOUTH AND CUBA.**

Amherst, Virginia, April, 1907.—"The plants arrived today in perfect condition. All were as fresh as when first taken from the pots. Your method of packing plants is the best I ever saw, and I have bought plants from a great many florists, and you send such nice large plants!"—Jas H. Whitten.

Tifton, Ga., April, 1907.—"I was truly delighted with my order week before last and have gotten you another nice order" etc.—Mrs. T. W. Myers. (Myon Hotel.)

Pratt, West Va., May, 1907.—"I received today by mail in excellent condition, the ferns, etc. from you. I never saw plants put up so nicely, the unpacking was a pleasure."—Carrie V. Frazer.

Havana, Cuba, Oct., 1907.—"I am glad to mention that the Palms and Bamboos sent by you last year are growing beautifully and in very good condition. I beg of you to fill the attached order," etc.—Oscar Fonts.

Ocean Beach, Cuba, Oct., 1907.—"The plants reached me on Thursday, and I planted them Friday. I feel that I must congratulate you on the excellent condition in which they reached me, and on your system of packing, which could not be beaten. I have had much pleasure in recommending you very highly to several of my friends who are thinking of planting," etc.—Capt. C. R. Nundy.

Baton Rouge, La., Sept., 1907.—"Plants came to hand Saturday night in good shape. Accept my thanks for prompt attention."—Mrs. M. J. Williams.

Sanford, Fla., Oct., 1907.—"The box of plants arrived today in most excellent condition. The plants are lovely, and another order will go to you from Sanford in the near future," etc.—Mrs. Cruse Barnes.

# XVII. Succulents and Epiphytes.

Mostly tropical; suitable for the greenhouse, living-room, offices, the tropics, and warm coast regions of the United States.

## AGAVE

The **Agaves**, or **Century Plants**, are among the most valuable and striking plants that can be used in semi-tropical gardening. Many of them are useful as hedge plants, and the genus contains several of the most valuable fibre plants of commerce. They are all of great decorative value. The first three sorts named will stand considerable frost.

- A. Americana variegata.** Leaves beautifully striped with cream color. A splendid ornamental. 25c, and 35c each.
- A. neglecta.** Rich, blue-green leaves, wide and gracefully recurved. The handsomest large sort in our collection. A magnificent plant, beautiful in all sizes, and surpassingly fine for all decorative purposes. Fine plants, with beautiful leaves, 15c, 25c, 50c, to \$3.00 each.
- A. decipiens.** (Old named *rigida*). A native plant with dark green leaves furnished with spines along the edges, forming a good sized plant ultimately 2 to 4 feet high; flower spike 12 to 18 feet high. Very decorative. Fine plants, 10c each, \$1 per doz.
- A. Sisalana.** See Economic Plants, Section III.



Agave neglecta.

## ALOE

See Economic Plants, Section III.

## BRYOPHYLLUM

- B. calycinum.** An odd and rapid-growing succulent. Flowers green and reddish bronze, in form of bladders. One of those strange plants that are propagated from leaves. Extremely curious. The leaves may be pinned on the wall, and will throw out sprouts from every notch without watering. 10c each, \$1 per doz.

## CACTUS

See *Cereus*, *Opuntia*, *Pereskia*, and *Phyllocactus*, this section.

## CEREUS

- C. triangularis.** A true **Night-blooming Cereus**, sometimes called **strawberry pear**, from the handsome fruit. Large triangled stems, with great creamy-white flowers 6 to 8 inches across, heavily perfumed. Plant clings to walls or any support. 15c and 25c each.

## DASYLIRION

- D. serratifolium.** A yucca-like plant from northern Mexico. Fine scenic plant, growing 3 feet

high. Leaves narrow, armed. Large, 75c to \$2 each. Smaller plants, 15c and 25c each.

## DYCKIA

- D. brevifolia.** A dwarf succulent plant, looking like a small agave, with many short, spiny leaves. Rare. From Brazil. Fine plants, 75c each.

## EPIDENDRUM

- E. Tampense.** For culture, see *Tillandsia*. A very pretty native orchid, growing on the bark of oaks, etc. Is called **Butterfly Orchid**. Neat spikes of flowers in spring; pink, chocolate and green, lasting a long time in perfection. A fine plant of easy growth; very cheap, yet as beautiful as many high priced novelties. 15c, 25c and 50c each.

## EUPHORBIA

- E. splendens.** Sometimes called **Crown of Thorns**. A low grower, having long bronze stems, many spines, and brilliant deep scarlet flowers, blooming all the year. Will thrive in an exposed, sunny, dry situation. 15c each, \$1.50 per doz.; larger, 25c each.  
For *Poinsettia*, see Dept. IX.

## FURCRAEA

The *Furcraeas* are very desirable plants for the center of large tubs and pots of plants, for room, hall or outdoor summer decoration North. Will make a splendid specimen planted out in South Florida. They very much resemble some species of agaves, though the leaves are generally more upright-growing. Also highly recommended as fibre plants. Magnificent when in bloom, the flower-spike reaching a height of 20 to 30 feet, with thousands of yucca-like whitish flowers.

- F. foetida-gigantea.** Strong plants, 25c each, \$2.50 per doz.
- F. Lindenii.** A splendid variegated species of peculiarly elegant appearance. The broad stripes of white show off very clearly. Rare new plant of recent acquisition, valuable as a house plant. Beautiful plants, 50c each.
- F. tuberosa.** Leaves longer and narrower than the preceding, but spineless. A great many leaves to each plant. Fine and very rare; introduced by us from Central America in 1900. Strong plants, 25c each.



Furcraea, as a pot plant.

**OPUNTIA**

**O. vulgaris.** **Common Prickly Pear.** Hardy well up into the Middle States. A low-growing, very spiny species, with gorgeous yellow flowers of satiny texture. Strong cuttings, 10c each.

For other *Opuntias*, see Department II.

**ONCIDIUM**

**O. luridum-guttatum (?)**. A broad-leaved aerial orchid from Cuba and South Florida, with flowers on spikes four feet long, yellow, chocolate, purple, etc. A fine plant. Clumps, \$1 each.

**PEDILANTHUS**

**P. tithymaloides.** "**Red Bird Cactus.**" A West Indian plant, with thick, fleshy leaves and small, red, showy flowers. Not a true cactus at all, but an Euphorbiad. Very curious plant of easy growth. Admirable as a border plant in frostless locations, especially where the soil is dry, as it grows almost as well in dry soil as damp. Fine plants, 10c each, \$1 per doz.; large plants, 20c each, \$2.00 per doz.

**PERESKIA**

**P. aculeata.** The **Lemon Vine**, or **Barbadoes Gooseberry.** A climbing cactus, with true leaves, and producing edible fruit. Stems fleshy, with spines at the base of each leaf. Very fast growing; much used as a stock upon which to graft epiphyllums and other low-growing cacti. Flowers borne periodically in immense numbers; 1½ inches wide, of a creamy white, with a green tinge. 10c each, \$1 per doz. Large standard stocks for grafting, price on application. (State size and height wanted.)

**P. Bleo.** A larger, stouter shrubby plant than the preceding; spiny, with leaves often 5 inches long. The flowers are a soft pink-purple very showy, from 1½ to 2 inches across. The fruit pear-shaped, 2 inches long. One of our late importations. 35c each.

**PHYLLOCACTUS**

Perhaps the most gorgeous flowering genus of Cactus, and certainly most satisfactory as house plants. In Florida and the tropics they grow finely when set in the leaf stems of palmettos and other slow-growing palms; the partial shade being beneficial.

**P. Ackermanni.** "**King Cactus.**" One of the handsomest. Flowers crimson, produced freely. 25c each.

**P. latifrons.** Erroneously sometimes called "Night-blooming Cereus;" properly the "**Queen Cactus.**" The largest of the genus, growing 8 to 10 feet high; the stems 4 or 5 inches broad, and flat. Flowers are a fine creamy white with a reddish tube, produced at night. 20c and 35c each.

**COLLECTION S.** Five plants, our choice, all labeled, sent postpaid for 50c.

Succulents may be transplanted at any time.

**INVESTORS and HOME-SEEKERS** desiring information about Manatee County lands, etc., will do well to consult **Mr. H. W. Fuller**, of Bradentown. Please do not write us about such matters as we have no time to look up lands or information of that kind.

**PITCAIRNEA**

Genus of very ornamental Bromeliads, numbering about 70 species, from tropical America. Foliage resembles Bromelia, or Billbergia; flowers showy red, yellow or whitish. Excellent house plants of easy growth. Use light or peaty soil, with good drainage. They prefer partial shade.

**P. Karwinskiana.** Flowers red, in dense raceme; leaves ½ to 2 feet long. Fine large plants, 25c to 50c each.

**P. xanthocalyx.** Flowers, primrose-yellow. Leaves 2 to 3 feet long. From Brazil. Very fine. 50c each.

**TILLANDSIA**

**Air Plant, or Wild Pine.** A very large genus of ornamental plants of the easiest culture, requiring only to be attached to a block of wood and to be watered with the other plants. Tie with wire on rough bark; the plants hold water in their leaves. We list only native Florida species.

**T. bracteata.** One of the largest **Wild Pines, or Air Plants.** Full grown plants are 1 and 2 feet in diameter and height, spikes often 18 inches or more in length; the large, brilliant crimson bracts and flower-stalks and purple blossoms are very showy, and remain beautiful for weeks. A most valuable plant for conservatory or bay window, enduring a low temperature (though but little frost), requiring no care except an occasional spraying. Attach to wood or hang in a small wire basket. 15c each.

**T. caespitosa.** A species with long grass-like leaves varying in color from gray to red; usually found in moist places. 10c each.

**T. usneoides.\*** The **Long Moss, Gray Moss or Spanish Moss** of the South. Very effective in decorations. The effect of this moss hanging on the trees of the South is indescribable. The only species which will stand sharp freezing unharmed. A nice quantity for 10c. Per pound, 25c postpaid.

**T. utriculata.** The largest native species. Leaves an inch or two in width, and 2 feet or more in length in full grown plants. Stems very tall, 3 to 5 feet, branched and many-flowered, but not so showy as *T. bracteata*. A very rapid grower. Is easily established on a piece of wood, bark, or in a wire basket. Fine plants, 10c each; larger; 25c to 50c each.

**YUCCA**

**Y. aloifolia.** **Spanish Bayonet; Spanish Dagger.** Seacoast of Southern States and West Indies. Probably not hardy north of middle Georgia. Flowers resemble those of *Y. filamentosa*, but are borne on a shorter stalk. Stem arborescent, sometimes 10 to 20 feet high. Very ornamental, even when small. Will bear much neglect. 15c, 25c, 50c and \$1 each.

**Y. aloifolia variegata.** Similar to above but the leaves are beautifully striped with white. Fine plants, 50c to \$2 each.

Tampa, Fla., Sept., 1907.—"The grapefruit trees you sent us last March are now beautiful little trees; the two Phoenix palms have grown to twice their original size, and the seven pot-palms which came with the same lot of goods are today the handsomest plants ever sent out from a nursery, so you can imagine how kindly I feel towards the Royal Palm Nurseries."—Mrs. C. H. Moorhouse.

Pretoria, South Africa, Sept., 1907.—"I would add that the last lot of orange trees arrived in perfect condition."—R. A. Davis, Gov't Horticulturist.

Lowland House, Nahant, Mass., Sept., 1907.—"The plants arrived today. They seem in good condition, and were well packed. Many thanks for the additions: You are very kind to take such trouble."—George Abbot James.

Cardwell, Mo., Sept., 1907.—"I received my plants in the most perfect condition. They were packed superior to any I have ever gotten."—Mrs. M. Birchett.

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A Fine Collection of Palms.

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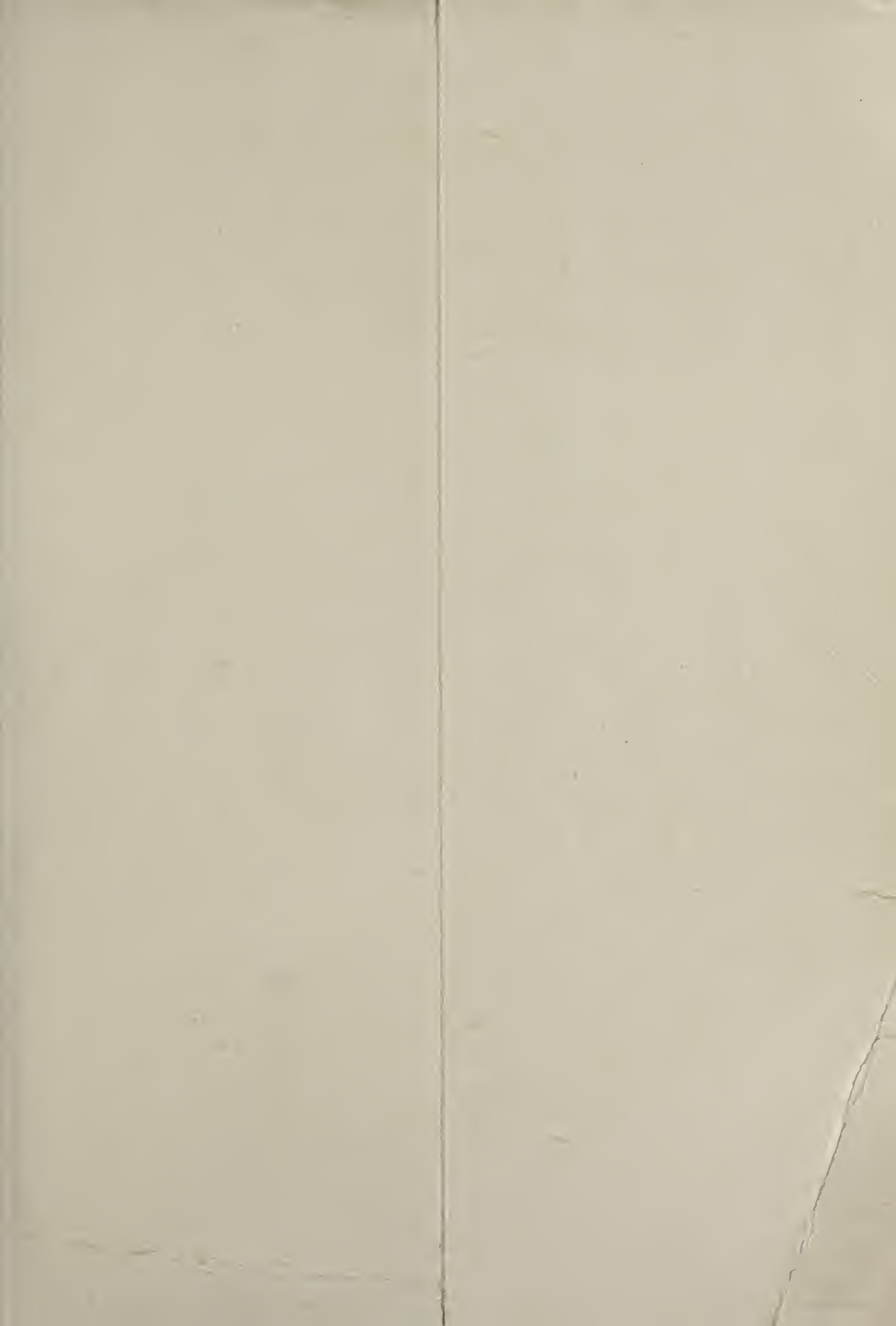
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Bananas at Royal Palm Nurseries.













Cypress Avenue Along Part of the Royal Palm Nurseries.