

United States Department of Agriculture

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1940

(List of Pests Recorded During the Period July 1, 1939, to June 30, 1940, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report, covering the twenty-seventh year for which lists of interceptions have been issued, shows a decided change in arrangement of the detailed tabular information regarding those species believed to be of sufficient interest to warrant such presentation. Under the new arrangement the detailed data are given under the names of the pests and indexed under the names of the hosts and under the countries of origin instead of being given under the countries of origin without any indexing.

This change is being made so that the list will be more serviceable under present-day conditions. When the first list of interceptions was issued on February 2, 1914, covering the period July 1 to December 31, 1913, 84 percent of the interceptions listed were made by State quarantine officers. Federal quarantine inspectors were located in Washington only, and interception data were assembled and used on a country-of-origin basis. Data were so few that all could be reviewed quickly regardless of the arrangement used. Today most of the interceptions are made by Federal inspectors who are stationed at numerous maritime and border ports; interceptions are indexed in the Washington office under pest, host, and country of origin, but these files are not available to the major part of the personnel except by correspondence; and the pest-and-host relationship is more important than the country of origin, since rapid transportation of pests with host materials has made distribution data less stable than they were formerly.

In an effort to meet the needs of the organization as a whole, and of cooperating agencies and specialists as well, an index to previous interceptions has been prepared and is being checked prior to expected publication. This index has alphabetical lists of intercepted insects and pathogens, with alphabetical lists of the hosts in, on, or with which they were intercepted and alphabetical lists of the countries of origin. Hosts are listed alphabetically also and the pests found associated with them are indicated. The new arrangement of the annual list is not only more serviceable of itself but will make it usable as an annual supplement to the cumulated index when it becomes available.

With so much of the data cross-indexed it is felt that relatively little text is needed to enable readers to find information of special interest to them.

Following the introduction there are brief references to a few of the more interesting findings, as well as summaries of the interceptions of some of the species too common to be included in the detailed tables, and of incompletely determined pests.

As usual, the records summarized in this report cover determinations of pests intercepted in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not imported through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments reaching the mainland from Hawaii and Puerto Rico.

Collections made late in the year are often included in the report for the following year, especially if not determined immediately. The data on which this paper is based are on file in Washington, D. C. In addition to routine reports and determinations by the personnel of this Bureau, State and customs officials furnish considerable information. Staffs of specialists maintained by the States of Cali-

fornia and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists in the Bureau of Plant Industry determine a large part of the more difficult plant-disease material.

The alleged origin of plant materials cannot be verified in all cases. Obviously doubtful items are either omitted or the origin is listed as unknown.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

The following fruitflies were intercepted: *Anastrepha distincta* Greene in *Inga* sp. from Mexico; *A. fraterculus* (Wied.) in peach from Mexico; Mexican fruitfly (*A. ludens* (Loew)) in avocado, grapefruit, mango, orange, peach, pear, pomegranate, ponderosa lemon, quince, sour orange, sweet lime, tangerine, and white sapote from Mexico; *A. mombinpraeoptans* Sein in *Spondias* sp. from the American Virgin Islands, mango from Cuba, Dominican Republic, Haiti, Jamaica, and Mexico, and guava and mango from Puerto Rico; *A. serpentina* (Wied.) in sapote from Honduras, mamey and sapote from Mexico, and orange and sapodilla from Trinidad; *A. suspensa* (Loew) in guava from Cuba and Puerto Rico; *Anastrepha* sp. in grapefruit from Argentina, sapodilla from Colombia, mango from Costa Rica, Cuba, Haiti, Jamaica, and Panama, star-apple from Guatemala, mango and star-apple from Honduras, apple, apricot, avocado, guava, mango, orange, peach, pear, quince, and sapote from Mexico, and mango and sapodilla from Trinidad; Mediterranean fruitfly (*Ceratitis capitata* Wied.) in tangerine from Brazil, in box containing apples and pears from Germany, avocado, coffee berry, and pepper from Hawaii, bitter orange, pear, pricklypear, and where oranges had been stored on deck of ship from Italy, and orange from Portugal and Spain; *Ceratitis* sp. in grapefruit from Palestine and Union of South Africa; melonfly (*Dacus cucurbitae* (Coq.)) in box of cucumbers from Hawaii; olive fruitfly (*D. oleae* Gmel.) in olive from Italy and Portugal; *Dacus* sp. in pumpkin from Union of South Africa; *Epochra* sp. in currant from Mexico; apple maggot (*Rhagoletis pomonella* (Walsh)) in apple from Canada and Mexico and *Crataegus* sp. from Mexico; *Rhagoletis* sp. in black walnut and *Crataegus* sp. from Mexico; *Spilographa* sp. in *Rosa spinosissima* var. from Canada; papaya fruitfly (*Toxotrypana curvicauda* (Gerst.)) in bag containing papaya fruit from Puerto Rico; trypetid in *Wisteria* sp. from Japan, cut flowers, seed pod, and *Zinnia* sp. from Mexico, *Lonicera* sp. seed from Sweden, rhizome from Switzerland, and peach and plum from Union of South Africa.

INSECTS OTHER THAN FRUITFLIES

Acrolepia assectella (Zell.) (Hyponomeutidae) was intercepted in leeks from Italy and Sweden. The citrus blackfly (*Aleurocanthus woglumi* Ashby) was found on leaves of lemon, orange, and sweet lime from Cuba, fruit of sour lime from Dominica, and leaf of sour lime from Jamaica. Pineapples from Mexico were infested with *Alpheias conspirata* Hein. (Galleriidae). *Anthonomus funereus* Champ. (Curculionidae) arrived with orchids from Mexico. *Aonidiella comperei* MeK. (Coccidae) was found on sour limes from Dominica and Guatemala. *Aspidiotus coryphae* Kkll. (Coccidae) infested coconuts from Philippines. *Asterolecanium stentae* Bräin (Coccidae) was intercepted on *Euphorbia* sp. from Union of South Africa. *Baris lepidii* Germ. (Curculionidae) was taken in horseradish from Poland. *Bruchus pallidicornis* (Boh.) (Bruchidae) infested lentil seed from Italy. *Cerotoma atrofasciata* Jac. (Chrysomelidae) arrived with *Oncidium cavendishianum* from Guatemala. The turnip gall weevil (*Ceutorhynchus pleurostigma* Marsh.) was intercepted in turnip from England, France, Netherlands, Scotland, and Sweden. The Asiatic rice borer (*Chilo simplex* (Butler)) was intercepted with rice straw from Japan. *Chrysomphalus umboniferus* Newst. (Coccidae) was taken on an orchid leaf from Venezuela. *Coptotermes formosanus* Shiraki (termite) arrived with *Cycas* sp. from Japan. *Crociosema plebeiana* Zell. (Olethreutidae) infested *Hibiscus* sp. from Bermuda and okra from Cuba and Mexico. *Diaspis visci* (Schr.) (Coccidae) was found on *Juniperus* sp. berry from Italy. C eonuts from Hawaii and Philippines were infested with the Tahitian coconut weevil (*Diocalandra taitensis* Guer.). *Epicaerus cognatus* Sharp (Curculionidae) was taken in potato from Mexico. *Epinotia opposita* Hein. (Olethreutidae) arrived with lima and string beans from Mexico and string beans from Venezuela. *Eumecosomyia nubila* Wied. (Otitidae) was taken in corn from Brazil and Mexico, lettuce from Mexico, and orange from Panama. *Eupteryx melissae* Curt. (Cicadellidae) was found on sage from England. The West Indian sweetpotato weevil

(*Eusepes postfasciatus* Fairm.) was intercepted in sweetpotatoes from Brazil, Dominican Republic, Haiti, Hawaii, Jamaica, and Trinidad. *Exosoma lustitanica* L. (Chrysomelidae) was found in epollini from Morocco. *Explochiomera oblonga* (Stål) (Lygaeidae) was taken on eggplant, pepper, and tomato from Mexico. *Faustinus cubae* (Boh.) (Curculionidae) infested peppers from Cuba. *Frankliniella schultzei* Tryb. (thrips) was found on chinkerichee from the Union of South Africa. *Fulvius bisbistillatus* (Stål) (Miridae) arrived with *Cattleya* spp. from Colombia. *Gelechia ericetella* (Hbn.) (Gelechiidae) was taken on heather from Scotland. *Gnorimoschema gudmanella* (Wlsm.) (Gelechiidae) infested peppers from Cuba and Mexico and tomatoes from Mexico. *Hellula phidilealis* (Walk.) (Pyraustidae) was found on mustard, radish, and white greens from Cuba. *Heraeus cincticornis* Stål (Lygaeidae) arrived with *Cattleya* sp. from Venezuela. *Hoplandrothrips xanthopoides* Bagn. (thrips) was intercepted on *Bryophyllum* sp. from Barbados. *Katotermes snyderi* Light (termite) was taken in mesquite from Mexico. *Laspeyresia splendana* Hbn. (Olethreutidae) was intercepted in chestnuts from the Azores, Italy, Japan, and Portugal. *Lecaniodiaspis dendrobii* (Dougl.) (Cecceidae) was taken on *Cattleya* sp. from Colombia. The East Indian bean pod borer (*Maruca testulalis* Geyer) infested string beans from American Virgin Islands, Brazil, Dominican Republic, Haiti, Hawaii, Japan, and Puerto Rico, and *Canavalia* sp. and *Dioclea violacea* from Hawaii. *Megalometis chiliensis* Boh. (Curculionidae) arrived with nectarine from Chile. Pistache nut from Italy was infested with *Megastigmus pistaciae* Walk. (Callimomidae). *Micrelus ericae* Gyll. (Curculionidae) was found on heather from Scotland. *Moodna bisinuella* Hamp. (Phycitidae) arrived with corn from Mexico. *Mordellistena cattleyana* Champ. (Mordellidae) infested orchids from Colombia and Venezuela and *M. chapini* Ray arrived with orchids from Colombia and Mexico. *Myzus hemerocallis* Taka. (aphid) was intercepted on *Hemerocallis* sp. from China. *Napomyza lateralis* Fallen (Agromyzidae) was found in witloof leaves from Belgium. *Ophiomyia pinguis* (Agromyzidae) arrived with witloof from Belgium. The pink bollworm (*Pectinophora gossypiella* (Saund.)) was intercepted in cottonseed from Brazil, Egypt, Italy, Mexico, and Puerto Rico, seed cotton from Brazil, Manchuria, and Mexico, cotton from Hawaii, and okra from Mexico. The vine moth (*Polychrosis botrana* (Schiff.)) arrived with grapes from Italy. *Psylliodes chrysocephala* L. (Chrysomelidae) infested broccoli, cabbage, cauliflower, and turnip from Italy and turnip from France and Morocco. The European corn borer (*Pyrausta nubilalis* (Hbn.)) arrived with string beans from Japan. *Ribua innoxia* Hein. (Phycitidae) was intercepted in pineapples from Cuba. The mango weevil (*Sternochetus mangifera* F.) was taken in mangoes from Hawaii. *Taeniothrips ericae* (Hal.) (thrips) was taken on heather from Germany and Scotland.

NOTES ON PLANT DISEASES INTERCEPTED

Interceptions of citrus canker (*Bacterium citri*) during the year numbered 17, on 4 host species, with 4 countries of origin. Thirteen of these interceptions were made during the 6-month period March to August, inclusive. The banana leaf spot (*Cercospora musae*) was reported 15 times, although bananas receive relatively little inspection. *Elsinoe australis*, the sweet orange scab of South America, was found twice on oranges in stores. Lima bean scab (*E. phaseoli*) was intercepted 304 times during the year. *Mycosphaerella schoenoprasii* continues to be intercepted, especially from Japan, but not with such frequency as formerly. *Panagrolaimus hygrophilus*, a new species of nematode, was found November 27, 1939, in a wet rot of waterlily root from Cuba and later described. *Papulospora coprophila* was apparently rotting an onion bulb from Mexico on which it was intercepted in May 1940. Citrus black spot (*Phoma citricarpa*) was intercepted but twice during the year. During the course of an inspection of *Sagittaria* sp. corms from Wisconsin for export a new species of nematode was found and later described as *Rhabditis chitwoodi*. During the year *Tritirachium*, a new form genus in the Moniliaceae, was described, based in part on *T. dependens*, the type species found on *Yucca treculeana* from Cuba, but being secondary it is not listed as an interception. *Uredo wakensis*, described during the year, was intercepted at Honolulu February 22, 1938, on *Tournefortia* sp. from Wake Island and mentioned in the 1939 list of interceptions on page 4. The oriental lespedeza rust which goes under the name *Uromyces lespedezae-procumbentis*, although markedly different in host reactions and potentially a menace to plants of oriental species of lespedeza, was intercepted with lespedeza seed from Japan.

It may be noted that some fairly common diseases are listed in the detailed table. The general policy has been to list these common diseases until a reason-

ably representative set of data are recorded showing the hosts and countries of origin involved—a contribution to the study of the types of diseases actually transported in commerce.

COMMON PESTS INTERCEPTED

In order to give a complete picture of the interception work it is necessary to call attention, however briefly, to the thousands of interceptions of common pests. Some of these pests are cosmopolitan, others are not so widely distributed but are well established in this country. Two of the diseases, *Elsinoe phaseoli* and *Helminthosporium allii*, have not been reported as occurring in the United States mainland but are intercepted in such numbers that detailed records of them are no longer made. Some of the interceptions of diseases known to occur in this country doubtless represent forms or strains not found here. Great numbers of common pests are discarded without any record being made of them, but enough are recorded to give a reasonably representative sample. In the following summaries of these records the numbers following the names of organisms indicate the number of countries of origin from which the pest was intercepted and the total number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (10—185), *Ahasverus advena* (23—113) *Anthonomus eugenii* (1—6,068), *Aonidiella aurantii* (19—618), *Aphis gossypii* (8—177), *A. rumicis* (4—13), *Aracecus fasciculatus* (14—26), *Aspidiotus camelliae* (9—32), *A. cyanophylli* (12—66), *A. hederæ* (20—141), *A. lataniae* (13—232), *A. perniciosus* (10—34), *Aulacaspis pentagona* (7—15), *Brevicoryne brassicae* (13—19), *Carpocapsa pomonella* (13—89), *Cathartus quadricollis* (4—165), *Cerataphis lataniae* (11—28), *Chionaspis citri* (9—19), *Chrysomphalus aonidium* (32—5,368), *C. dictyospermi* (22—752), *Coccus hesperidum* (21—77), *Diaspis boisduvalii* (20—243), *D. bromeliae* (6—321), *D. echinocacti* (9—28), *Ephestia cautella* (9—20), *Gnorimoschoma operculella* (29—203), *Heliothis armigera* (11—3,390), *H. virescens* (6—106), *Hippodamia convergens* (1—192), *Howardia biclavis* (7—46), *Ischnaspis longirostris* (8—15), *Laphygma frugiperda* (3—329), *Lasioderma serricornis* (10—118) *Lepidosaphes beckeri* (50—3,938), *L. gloverii* (14—772), *L. ulmi* (16—47), *Macrosiphum solanifolii* (8—209), *Myzus persicae* (18—309), *Necrobia rufipes* (15—56), *Oryzaephilus surinamensis* (12—98), *Parlatoria pergandii* (19—4,012), *P. proteus* (14—62), *Pinnaaspis aspidistrae* (12—61), *P. minor* (11—129), *Plodia interpunctella* (9—378), *Pseudococcus adonidum* (6—26), *P. brevipes* (15—435), *P. citri* (20—73), *P. maritimus* (12—42), *Rhizoglyphus hyacinthi* (11—127), *Rhizopertha dominica* (6—54), *Rhopalosiphum pseudobrassicæ* (2—72), *Saissetia hemisphaerica* (21—136), *S. nigra* (7—46), *S. oleae* (11—40), *Selenaspis articulatus* (23—79), *Sitophilus oryza* (18—1,113), *Sitotroga cerealella* (5—21), *Tenebroides mauritanicus* (12—56), *Thrips tabaci* (22—347), *Tribolium castaneum* (9—282), *T. confusum* (9—97), and *Typhaea stercorea* (12—93).

In addition to the listed species of common insects, there were 5,249 interceptions belonging to 693 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of insects included in this paragraph, 39,711.

DISEASES

Common plant diseases intercepted included *Actinomyces scabies* (37—469), *Albugo candida* (4—78), *Alternaria brassicae* (11—37), *A. herculea* (17—33), *A. radicina* (5—10), *A. solani* (1—108), *Aspergillus niger* (30—313), *Bacillus carotovorus* (21—63), *Bacterium maculicola* (9—19), *B. marginatum* (7—300), *B. rhizogenes* (3—6), *B. tumefaciens* (6—23), *B. vesicatorium* (4—2,472), *Botrytis cinerea* (28—168), *Capnodium citri* (17—55), *Cephalothecium roseum* (16—71), *Ceratostomella adiposum* (4—38), *C. paradoxa* (12—212), *Cercospora beticola* (4—39), *C. capsici* (3—344), *C. rosicola* (4—38), *Cladosporium fulvum* (2—168), *C. herbarum* (3—31), *Colletotrichum circinans* (5—120), *C. lindemuthianum* (11—145), *Coniothyrium fuckeli* (5—6), *Corticium vagum* (32—517), *Diaporthe phaseolorum* (3—108), *Diplocarpon rosae* (6—29), *Diplodia natalensis* (20—39), *Elsinoe fawcettii* (20—55), *E. phaseoli* (2—304), *Erysiphe graminis* (2—23), *Fusarium moniliforme* (2—18), *Gloeosporium limeticolum* (11—123), *Glomerella cingulata* (20—533), *Graphiola phoenicis* (3—7), *Helminthosporium allii* (10—844), *H. sativum* (2—21), *Heterodera marioni* (16—44), *Macrosporium tomato* (4—1,672), *Melanconium sacchari* (3—4),

Mycosphaerella brassicicola (4—9), *M. pinodes* (9—21), *Oospora lactis parasitica* (10—78), *Penicillium digitatum* (18—98), *P. expansum* (14—36), *P. gladioli* (3—1,597), *P. italicum* (18—58), *Peronospora parasitica* (4—5), *Pestalozzi guelpini* (7—29), *Phoma destructiva* (10—850), *Phomopsis citri* (31—156), *P. vexans* (9—295), *Phytophthora infestans* (13—62), *Puccinia graminis* (18—152), *P. menthae* (5—11), *P. rubigo-vera* (10—33), *Pythium debaryanum* (1—17), *Rhizopus nigricans* (34—652), *Sclerotinia gladioli* (3—403), *S. sclerotiorum* (17—32), *Sclerotium oryzae* (6—13), *S. rolfsii* (7—23), *Septoria apii* (17—38), *S. petroselinii* (7—38), *Spondylocadium atrovirens* (28—182), *Spongospora subterranea* (9—20), *Uromyces phaseoli typica* (4—251), *Venturia inaequalis* (32—189), *V. pyrina* (7—18), *Verticillium cinnabarinum* (19—58).

Total recorded interceptions of these common diseases, 15,131.

INCOMPLETELY DETERMINED PESTS

Some interceptions are not determined to species because they are new and undescribed, others because descriptions are faulty and authentic material is not available for comparison, but a large part of the incompletely determined material could not be determined because it was not in the right stage or was not in good condition or was of such a nature that determination would require more work than the probable value of the determination seemed to warrant. A few notes regarding some of these interceptions should be of interest.

INSECTS

Of the pests intercepted a total of 67 could be determined to family, subfamily, or tribe only. A total of 5,613 other lots of insect pests, determined to genus only, were distributed among 1,159 genera.

DISEASES

Many of the fungi infecting plant material offered for entry are in a nonfruiting condition and could not be determined without culturing them. Since the Division of Foreign Plant Quarantines of this Bureau is not prepared to do routine culture work or to get it done, these must remain undetermined for the most part. Fungi found on special-permit plants are sometimes fruiting in some stage, but the material is often so scanty that it cannot be studied properly. A few bacterial diseases are determinable on the basis of their symptoms. Others must remain undetermined. There is no practicable means for inspecting most imported plant material for the possible presence of virus diseases or for determining the identity of viruses if detected.

Fungi not determinable by inspectors are sometimes referred to specialists for examination. The following notes are based on reports covering a few such specimens among those the specialists were unable to determine to species.

Ascochyta sp., either undescribed or not reported as occurring on orchids, was intercepted at Seattle in March 1940 on *Cymbidium crassifolium*, *C. parishii*, *Cypripedium callosum*, *C. fairrieanum*, *C. hirsutissimum*, *C. parishii*, and *C. spicerianum* in mail shipments from India. *Coniothyrium* sp. with spores smaller than those of either species reported on orchids was intercepted at San Francisco in December 1939 on *Epidendrum* sp. in cargo from Mexico. *Coryneum* sp., which does not agree with *C. rhododendri* or *C. triseptatum*, was intercepted at Seattle in January 1940 on *Rhododendron* sp. in cargo from Canada. An undetermined *Diplodia* (or *Microdiploia*) with spores measuring about 3 by 8 microns was found on a lemon from Italy in July 1939 at New York, in stores. *Gloeosporium* sp. (no species reported on host) was intercepted at San Francisco the latter part of June 1939 on *Caralluma* sp. in mail from Mozambique. An undetermined species of *Gloeosporium* was found on *Typha* sp. used as packing for fish coming in from Mexico during October, November, and December, 1939, at El Paso. The spotting has been noted frequently but the scanty sporulation on this material is the only time the fungus had developed sufficiently to permit even a partial determination. *Macrosporium* sp. with smaller spores than those of *M. camelliae* was intercepted at Seattle in December 1939 on *Camellia japonica* in cargo from Japan. *Mycosphaerella* sp., apparently not *M. gardeniae*, was intercepted at Brownsville in December 1939 on *Gardenia florida* in baggage from Mexico. *Myxosporium* sp., apparently undescribed, was intercepted at Seattle in December 1939 and at San Francisco in February and March 1940 on *Camellia japonica* in cargo from Japan. *Myxosporium* sp., no species reported on the host, was found at New York in May 1939 on *Euphorbia* sp. among ship's furnishings from

Straits Settlements. *Papulospora* sp., possibly *P. coprophila* which was found apparently responsible for a rot of onion from Mexico, was intercepted at El Paso in March 1940 on garlic from Mexico. *Phoma* sp., an undescribed species previously intercepted from Syria, was taken at El Paso on October 1939 on *Sechium edulis* in baggage from Mexico. *Phoma* sp., unlike any of the species described on the host, was intercepted at San Francisco in June 1939 on *Euphorbia* sp. in mail from Mozambique. *Phomopsis* sp., no species reported on host, was intercepted at San Francisco in January 1940 on *Paeonia moutan* in cargo from Japan. *Sclerotium* sp., sclerotia forming all over the ferns but without evident injury, was found at San Francisco in February 1940 on *Nephrodium glabratum* in mail from New Zealand. *Sphaerulina* sp., no species reported on host, was intercepted at Seattle in December 1939 on *Paeonia moutan* from Japan. *Vermicularia* sp., no species reported on host, was intercepted at San Francisco in June 1939 on *Caralluma* sp. in mail from Mozambique.

Ten of these seventeen fungi were found on plant material offered for entry under special permit, for propagation.

While thousands of incompletely determined interceptions of plant disease and related organisms are never recorded, a total of 8,950 were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases	Country	Insects	Diseases
Africa:	<i>Number</i>	<i>Number</i>	Europe—Continued.	<i>Number</i>	<i>Number</i>
Angola	4	0	Italy	128	75
British East Africa	1	0	Malta	0	1
Egypt	8	2	Netherlands	89	482
Italian Somaliland	1	0	Norway	1	4
Liberia	1	0	Poland	7	1
Morocco	14	8	Portugal	21	11
St. Helena	1	0	Rumania	6	7
Sierra Leone	0	4	Scotland	45	0
Southwest Africa	1	0	Spain	6	27
Tanganyika	2	0	Sweden	7	1
Union of South Africa	72	4	Switzerland	7	3
West Africa	4	1	Turkey	8	3
Zanzibar	1	0	Wales	1	0
Asia:			Yugoslavia	1	0
Afghanistan	0	1	North America:		
Arabia	0	3	Bermuda	10	7
Baluchistan	1	0	Canada	13	5
China	12	10	British Columbia	2	0
Cyprus	1	0	Nova Scotia	0	1
India	13	2	Prince Edward Island	1	0
Iran	0	19	Central America:		
Japan	213	52	British Honduras	1	0
Manchuria	4	0	Canal Zone	13	0
Palestine	2	1	Costa Rica	10	1
Straits Settlements	3	2	Guatemala	52	12
Syria	1	1	Honduras	24	6
Taiwan	1	0	Nicaragua	6	0
Thailand	2	1	Panama	15	2
Australasia:			Salvador	2	0
American Samoa	1	0	Mexico	8,074	539
Australia	8	4	Newfoundland	3	1
Cook Islands	1	0	West Indies:		
Fiji Islands	1	0	American Virgin		
Hawaii	43	0	Islands	4	0
Java	8	7	Antigua	5	1
New South Wales	0	1	Bahamas	10	2
New Zealand	4	1	Barbados	2	0
Philippines	30	4	British West Indies	1	0
Tonga Islands	1	0	Cuba	383	204
Europe:			Dominica	5	0
Azores	5	0	Dominican Republic	11	1
Belgium	302	30	Dutch West Indies	2	0
Denmark	24	5	Grenada	2	0
England	91	25	Guadeloupe	1	0
Estonia	1	0	Haiti	6	2
Finland	3	0	Jamaica	51	9
France	97	39	Martinique	1	0
Germany	9	19	Puerto Rico	38	13
Greece	8	1	St. Kitts	1	0
Hungary	25	6	St. Vincent	2	1
Ireland	4	11	Trinidad	33	1
			Virgin Islands	0	1

Geographic summary of interceptions listed in main table and interception totals—
Continued

Country	Insects	Diseases	Country	Insects	Diseases
South America:	Number	Number	Total—Continued.	Number	Number
Argentina.....	10	3	Australasia.....	97	17
Brazil.....	75	13	Europe.....	896	751
Chile.....	21	9	North America.....	8,784	809
Colombia.....	66	24	South America.....	222	70
Dutch Guiana.....	1	0	Total.....	10,362	1,758
Ecuador.....	4	1	Total (common pests, p. 4).....	39,711	15,131
Peru.....	3	3	Total (incompletely de- termined pests, p. 5).....	5,680	8,950
South America.....	2	0	Total insects.....	55,753	-----
Uruguay.....	0	11	Total diseases.....	-----	25,839
Venezuela.....	40	6	Grand total.....	-----	81,952
Total:					
Africa.....	110	19			
Asia.....	253	92			

NOTE.—In addition to the countries named above, interceptions including those of common pests (p. 4) and of incompletely determined pests (p. 5) were made from Algeria, Austria, British Guiana, Bulgaria, Canary Islands, Czechoslovakia, Dutch East Indies, French Cameroons, Gibraltar, Gold Coast, Guam, Montserrat, Mozambique, Nigeria, Rhodesia, St. Lucia, Sumatra, Surinam, Tahiti, Tasmania, Tortola Island, Tunis, and Wake Island.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarant.	Stores	
INSECTS							
<i>Acalypta musci</i> (Tingitidae): Moss packing around plants.....	Switzerland.....		1				Ill.
<i>Acalypta parvula</i> (Tingitidae): <i>Ficus</i> sp.....	Italy.....	1					Calif.*
<i>Acanalonia laticosta</i> (Fulgoridae): <i>Prosopis</i> sp. (mesquite).....	Mexico.....	1		1			Tex.
<i>Acanthoscelides armitagei</i> (Bruchidae): <i>Cajanus indicus</i> (pigeon pea).....	Trinidad.....		1				D. C.
<i>Acanthoscelides dominicanus</i> (Bruchidae): <i>Acacia farnesiana</i> (huisache).....	Mexico.....	1					La.
<i>Cnesalpinia coriaria</i> (divi-divi): <i>Acanthoscelides spinipes</i> (Bruchidae): <i>Acacia farnesiana</i> (acacia).....	Mexico, Nicaragua.....	2					La., N. Y.
<i>Acmaeodera tubulus</i> (Buprestidae): <i>Brassica oleracea capitata</i> (cabbage).....	Greece.....			1			N. Y.
<i>Acrolepis assectella</i> (Hyponomeutidae): <i>Allium porrum</i> (leek).....	Mexico.....			1			Tex.
<i>Adoxophyes privata</i> (Tortricidae): <i>Euonymus</i> sp.....	Italy, Sweden.....				6		Md., N. Y., Pa.
<i>Aeolothrips durvali</i> (Aeolothripidae): <i>Chrysanthemum</i> sp.....	Japan.....					1	Wash.
Daisy.....	Mexico.....			1			Tex.
<i>Agallia producta</i> (Cicadellidae): <i>Lactuca sativa</i> (lettuce).....	do.....			1			Tex.
<i>Matricaria chamomilla coronata</i> (manzanilla). <i>Agriotes</i> sp. (Elateridae): <i>Cynara cardunculus</i> (cardoon).....	do.....			2			Tex.
<i>Agromyza</i> sp., very close to <i>burgessi</i> (Agromyzidae): <i>Phaseolus</i> sp. (string bean).....	do.....			1			Tex.
	Italy.....					1	N. Y.
	Mexico.....	1					Ariz.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Agromyza</i> sp. (Agromyzidae)—Con.							
<i>Allium porrum</i> (leek)	Italy					2 N. Y.	
<i>Alopecurus longearistatus</i>	Manchuria		1			D. C.	
<i>Apium graveolens</i> (celery)	Argentina, Cuba	2				1 N. Y.	
<i>Brassica chinensis</i> (white greens).	Cuba	19				N. Y.	
<i>Brassica oleracea botrytis</i> (cauliflower).	France					1 N. Y.	
<i>Brassica oleracea capitata</i> (cabbage).	Italy, Netherlands					2 Ala., Ga.	
<i>Brassica rapa</i> (turnip)	France					1 N. Y.	
<i>Brassica</i> sp. (mustard)	Cuba	15				N. Y.	
<i>Capsicum annuum</i> (pepper)	Mexico	8				Ariz., Tex.	
<i>Coriandrum sativum</i> (coriander).	Cuba	1				N. Y.	
<i>Daucus carota</i> (carrot)	Brazil, Mexico			2		1 N. Y., Tex.	
<i>Helianthus</i> sp. (Mexican sunflower).	Mexico			1		N. Y.	
Medicinal herb	Japan		1			Wash. Calif.*	
<i>Iris kaempferi</i> (Japanese iris)	do		1			N. Y.	
<i>Lactuca sativa</i> (lettuce)	Italy					1 N. Y.	
<i>Lycopersicum esculentum</i> (tomato).	Mexico	16		4		Ariz., Tex.	
<i>Matricaria chamomilla coronata</i> (manzanilla).	do			1		Tex.	
<i>Mentha</i> sp. (mint)	do			1		Tex.	
Orchid	Canal Zone		1			D. C.	
<i>Phaseolus</i> sp. (string bean)	Mexico			15		Ariz.	
<i>Pisum sativum</i> (pea)	Cuba	1				N. Y.	
<i>Prunus mahaleb</i> (mahaleb)	Rumania		1			D. C.	
<i>Raphanus sativus</i> (radish)	Mexico			1		Tex.	
<i>Tagetes</i> sp. (marigold)	Jamaica, Mexico			2		N. Y., Tex.	
<i>Tithonia</i> sp. (Mexican sunflower).	Mexico			1		Tex.	
<i>Tropaeolum</i> sp. (nasturtium).	do		1			Tex.	
<i>Zinnia</i> sp.	do			1		Tex.	
<i>Aleurocanthus woglumi</i> (Aleyrodidae):							
<i>Citrus aurantifolia</i> (lime)	Dominica, Jamaica	1	1			Ill., Mass.	
<i>Citrus limetta</i> (sweet lime)	Cuba			1		Fla.*	
<i>Citrus limonia</i> (lemon)	do			1		N. Y.	
<i>Citrus sinensis</i> (orange)	do			1		Fla.*	
<i>Aleurodicus manni</i> (Aleyrodidae):							
<i>Gardenia florida</i> (Cape-jasmine).	Mexico	1				Tex.	
<i>Aleuroplatus mammaeferus</i> (Aleyrodidae):							
<i>Codiaeum</i> sp. (croton)	Japan				1	Pa.	
<i>Atlantus cinctus</i> (Tenthredinidae):							
<i>Rosa chinensis manetti</i> (manetti).	Ireland, Netherlands	4				N. Y.	
<i>Rosa</i> sp.	British Columbia, England, Ireland.	1	3			D. C., Wash.	
<i>Allocoris incognita</i> (Cydnidae):							
<i>Antirrhinum majus</i> (snapdragon).	Mexico			2		Ariz., Tex.	
<i>Daucus carota</i> (Queen Anne's lace).	do			1		Ariz.	
Flowers, mixed	do			4		Ariz., Tex.	
<i>Lactuca sativa</i> (lettuce)	do			1		Tex.	
<i>Allocoris interupta</i> (Cydnidae):							
<i>Antirrhinum majus</i> (snapdragon)	do			1		Tex.	
<i>Alpheias conspirata</i> (Galleriidae):							
<i>Ananas sativus</i> (pineapple)	do	21				La., Tex.	
<i>Alpheias</i> sp. (Galleriidae):							
<i>Ananas sativus</i>	do	20				La., Tex.	
<i>Amblycerus nigromarginatus</i> (Bruchidae):							
<i>Cassia occidentalis</i>	Panama		1			D. C.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Amorbia emigratella</i> (Tortricidae):							
Daisy	Mexico			1		Tex.	
<i>Gardenia florida</i> (Cape-jasmine)	do	1				Tex.	
<i>Lilium longiflorum</i> (Easter lily)	do	1				Tex.	
<i>Lycopersicum esculentum</i> (tomato)	do	1				Tex.	
<i>Amphicercus cornutus</i> (Bostrichidae):							
Herb	do			2		Tex.	
<i>Lactuca sativa</i> (lettuce)	do			1		Tex.	
<i>Amphorophora azaleae</i> (Aphidae):							
<i>Azalea indica</i>	Belgium, Netherlands	4				D. C.	
<i>Anacaena globulus</i> (Hydrophilidae):							
Forest litter and sphagnum moss	Denmark	1				N. Y.	
<i>Anacetrinus blanditus</i> (Curculionidae):							
<i>Lactuca sativa</i> (lettuce)	Mexico			1		Tex.	
<i>Anaphothrips orchidaceus</i> (Thripidae):							
<i>Cammellia japonica</i> (camellia)	do	1				Tex.	
Mixed flowers	do	1				Tex.	
<i>Odontoglossum</i> sp. (orchid)	England	1				Calif.*	
Orchid	Colombia, England, Guatemala Mexico.	13		4		Tex.	
<i>Anaphothrips orchidii</i> (Thripidae):							
<i>Anthurium scherzerianum</i>	Japan	3				Hawaii.*	
<i>Renanthera</i> sp. (orchid)	Phillippines	1				D. C.	
<i>Anaphothrips secticornis</i> (Thripidae):							
<i>Echeveria</i> sp.	Ecuador	1				D. C.	
<i>Anasa uhleri</i> (Coreidae):							
Empty railway car	Mexico					Tex.	
<i>Anastrepha distincta</i> (Trypetidae):							
<i>Inga</i> sp.	do			1		Ariz.	
<i>Anastrepha fraterculus</i> (Trypetidae):							
<i>Ammygdalus persica</i> (peach)	do			2		Tex.	
<i>Anastrepha ludens</i> (Trypetidae):							
<i>Ammygdalus persica</i> (peach)	do			1		Tex.	
<i>Casimiroa edulis</i> (white sapote)	do			1		Tex.	
<i>Citrus aurantium</i> (sour orange)	do			3		Tex.	
<i>Citrus grandis</i> (grapefruit)	do			11	1	La., Tex.	
<i>Citrus limetta</i> (sweet lime)	do			8		Ariz., Tex.	
<i>Citrus limonia ponderosa</i> (ponderosa lemon)	do			1		Tex.	
<i>Citrus nobilis deliciosa</i> (tangerine)	do			1		Tex.	
<i>Citrus sinensis</i> (orange)	do	148	2	4		Ala., Md., N.Y., Tex.	
<i>Cydonia oblonga</i> (quince)	do			7		Tex.	
<i>Mangifera indica</i> (mango)	do	3		33		Tex.	
<i>Mangifera indica</i> (in railway car)	do					Tex.	
<i>Persea americana</i> (avocado)	do			5		Tex.	
<i>Punica granatum</i> (pomegranate)	do			2		Tex.	
<i>Pyrus communis</i> (pear)	do			9		Tex.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mall	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Anastrepha mombinpraeoptans</i> (Trypetidae):							
<i>Mangifera indica</i> (mango).....	Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico.	1		18	2	1	La., Mass., N. Y., Tex., Va.
<i>Psidium guajava</i> (guava).....	Puerto Rico.....			2			N. Y.
<i>Spondias</i> sp.....	American Virgin Islands.			1			P. R.
<i>Anastrepha serpentina</i> (Trypetidae):							
<i>Achras sapota</i> (sapodilla).....	Trinidad.....			1			N. Y.
<i>Citrus sinensis</i> (orange).....	do.....					1	Mass.
<i>Mammea americana</i> (mamey)-Sapote.....	Mexico.....			2	1		Tex.
<i>Anastrepha suspensa</i> (Trypetidae):	Honduras, Mexico.....			1	2		La., Tex.
<i>Psidium guajava</i> (guava).....	Cuba, Puerto Rico.....			2	1		Fla.,* N. Y.
<i>Anastrepha</i> sp., probably <i>fraterculus</i> (Trypetidae):							
<i>Amygdalus persica</i> (peach).....	Mexico.....			1			Tex.
<i>Citrus grandis</i> (grapefruit).....	Argentina.....					1	N. Y.
<i>Prunus armeniaca</i> (apricot).....	Mexico.....			1			Tex.
<i>Anastrepha</i> sp., probably <i>ludens</i> (Trypetidae):							
<i>Pyrus communis</i> (pear).....	do.....			1			Tex.
<i>Anastrepha</i> sp., probably <i>mombinpraeoptans</i> (Trypetidae):							
<i>Mangifera indica</i> (mango).....	Cuba, Honduras, Jamaica.			2		1	N. Y.
<i>Anastrepha</i> sp., probably <i>serpentina</i> (Trypetidae):							
<i>Achras sapota</i> (sapodilla).....	Colombia, Trinidad.....	1		1			N. Y.
<i>Chrysophyllum cainito</i> (star-apple).	Honduras.....			1			La.
<i>Anastrepha</i> sp. (Trypetidae):							
<i>Amygdalus persica</i> (peach).....	Mexico.....			8			Tex.
<i>Chrysophyllum cainito</i>	Guatemala.....			1			Tex.
<i>Citrus grandis</i> (grapefruit).....	Argentina.....					1	Md.
<i>Citrus sinensis</i> (orange).....	Mexico.....			5			Tex.
<i>Cydonia oblonga</i> (quince).....	do.....			4			Tex.
<i>Malus sylvestris</i> (apple).....	do.....			2			Tex.
<i>Mangifera indica</i> (mango).....	Costa Rica, Haiti, Mexico, Panama, Trinidad.			2	1	3	Calif.,* La., Mass., N. Y., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....			1			Tex.
<i>Psidium guajava</i> (guava).....	do.....			2			Tex.
<i>Pyrus communis</i> (pear).....	do.....			10			Tex.
Sapote.....	do.....			1			Tex.
<i>Andricus glandium</i> (Cynipidae):							
<i>Quercus</i> sp.....	Turkey.....	2					N. Y.
<i>Andricus ruginosus</i> (Cynipidae):							
Unknown root.....	Mexico.....			1			Tex.
<i>Anoploclera crassipes</i> (Cerambycidae):							
<i>Rosa</i> sp.....	Canada.....			1			Wash.
<i>Anthonomus funereus</i> (Curculionidae):							
Orehid.....	Mexico.....			1			D. C.
<i>Anthonomus mexicanus</i> (Curculionidae):							
Mixed cut flowers.....	do.....			1			Tex.
<i>Anthonomus rectirostris</i> (Curculionidae):							
<i>Prunus avium sylvestris</i>	Denmark.....	1					N. Y.
<i>Antliarhinus zamiae</i> (Curculionidae):							
<i>Encephalartos kosiensis</i>	Union of South Africa.....		1				D. C.
<i>Encephalartos</i> sp.....	England.....		1				N. Y.
<i>Anuraphis cynariella</i> (Aphidae):							
<i>Cynara scolymus</i> (globe artichoke).	Greece.....					1	N. Y.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Aonidiella comperei</i> (Coccidae): <i>Citrus aurantifolia</i> (lime)	Dominica, Guatemala	4				1	Mass., Pa.
<i>Aphis rumicis</i> (Aphidae): <i>Euonymus europaeus</i>	England		1				D. C.
<i>Apion flavipes</i> (Curculionidae): Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Apion pomonae</i> (Curculionidae): <i>Vicia</i> sp. (vetch)	England, France, Netherlands.	7					Ill., La., Md., N. Y.
<i>Archimerus scutellaris</i> (Coreidae): Orchid	Mexico	1					Calif.*
<i>Arvelius elbopunctatus</i> (Pentatomidae): <i>Capsicum annuum</i> (pepper)	do	1					Tex.
<i>Ascia monuste</i> (Pieridae): <i>Brassica chinensis</i> (white greens).	Cuba	2					N. Y.
<i>Brassica</i> sp. (mustard)	do	2					N. Y.
<i>Aspidiotus coryphae</i> (Coccidae): <i>Cocos nucifera</i> (coconut)	Philippines	2					Hawaii,* N. Y.
<i>Aspidiotus destructor</i> (Coccidae): <i>Camellia japonica</i> (camellia)	Japan	1					Wash. Fla.*
<i>Carica papaya</i> (papaya)	Cuba	1					N. Y.
<i>Cocos nucifera</i> (coconut)	Bahamas, Brazil, Cook Islands, Cuba.	1		4		1	Fla.* Hawaii*
<i>Musa</i> sp. (banana)	Guatemala, Panama	2					Calif.* Fla.*
Palm	Haiti, Straits Settlements.			1	1		Md., Mass.
<i>Roystonea regia</i> (royal palm)	Cuba			4			Fla.*
<i>Terminalia catappa</i> (tropical almond).	Bahamas, Cuba			3			Fla.*
<i>Aspidiotus fabernii</i> (Coccidae): Unknown bark.	Cuba			1			Fla.*
<i>Aspidiotus herculeanus</i> (Coccidae): <i>Annona muricata</i> (sour-sop)	Bahamas			1			Fla.*
<i>Aspidiotus spinosus</i> (Coccidae): <i>Mammea americana</i> (mamey).	Cuba, Trinidad			6			Fla.*
<i>Persea americana</i> (avocado)	Cuba	1					Fla.*
<i>Asterolecanium aureum</i> (Coccidae): <i>Cattleya</i> sp. (orchid)	Brazil, Costa Rica	1	1				D. C.
<i>Epidendrum</i> sp. (orchid)	Mexico			1			D. C.
<i>Oncidium varicosum rogersi</i> (orchid).	Brazil	1					D. C.
<i>Oncidium</i> sp. (orchid)	Mexico, Venezuela	1		1			Calif.* D. C.
Orchid	Dominican Republic, Trinidad.			2			D. C., P. R.
<i>Asterolecanium stentae</i> (Coccidae): <i>Euphorbia</i> sp.	Union of South Africa		1				D. C.
<i>Asterolecanium urichi</i> (Coccidae): <i>Guilielma gasipaes</i> (pejibaye)	Brazil	1					D. C.
<i>Ataenius terminalis</i> (Scarabaeidae): <i>Capsicum annuum</i> (pepper)	Cuba	1					N. Y.
<i>Auseius impressicollis</i> (Coreidae): Mixed flowers	Mexico			1			Ariz.
<i>Aulacaspis mangiferae</i> (Coccidae): <i>Mangifera indica</i> (mango)	Grenada, Trinidad, Venezuela.			5			N. Y., P. R.
<i>Autographa</i> sp. (Phalaenidae): <i>Antirrhinum majus</i> (snapdragon).	Cuba					1	N. Y.
<i>Apium graveolens</i> (celery)	do	1					N. Y.
<i>Beta vulgaris cicla</i> (Swiss chard).	Mexico	1					Tex.
<i>Brassica chinensis</i> (white greens).	Cuba	5					N. Y.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mall	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Autographa</i> sp (Phalaenidae)— Continued <i>Brassica oleracea</i> <i>botrytis</i> (cauliflower).	France, Mexico			8		1	Ariz., N. Y., Tex.
<i>Brassica oleracea capitata</i> (cabbage).	Mexico			7			Ariz., Tex.
<i>Brassica rapa</i> (turnip)	do	1					Tex.
<i>Brassica</i> sp. (mustard)	do	15					Ariz., Tex.
<i>Capsicum annuum</i> (pepper)	do	1					Ariz.
<i>Coriandrum sativum</i> (corian- der).	Cuba	1					N. Y.
<i>Gardenia florida</i> (Cape- jasmine).	Mexico	1					Tex.
<i>Lactuca sativa</i> (lettuce)	do		1	66			Ariz., Tex.
<i>Lycopersicum esculentum</i> (to- mato).	do			1			Tex.
<i>Petroselinum hortense</i> (pars- ley).	do		1				Tex.
<i>Radicula nasturtium aquati- cum</i> (watercress).	do			1			Tex.
<i>Raphanus sativus</i> (radish)	do		1				Tex.
<i>Baldulus elimatus</i> (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do			1			Tex.
<i>Barathra brassicae</i> (Phalaenidae): <i>Brassica oleracea botrytis</i> (cau- liflower).	Belgium					1	Ga.
<i>Brassica oleracea capitata</i> (cabbage).	Belgium, Netherlands					3	Ga., La., N. Y.
<i>Baris lepidii</i> (Curculionidae): <i>Radicula armoracia</i> (horse- radish).	Poland					7	N. Y.
<i>Berginus nigricolor</i> (Lyctidae): Mixed flowers	Guatemala			1			Tex.
<i>Bitoma parallela</i> (Colydiidae): Hardwood log	Philippines		1				Wash.
<i>Bolbonota pictipennis</i> (Mem- bracidae): Unidentified flowers	Honduras			1			La.
<i>Brachylocon murinus</i> (Elateridae): <i>Paonia</i> sp. (peony)	Yugoslavia			1			N. Y.
<i>Brachyrhinus porcatus</i> (Curcu- lionidae): <i>Azalea indica</i> (azalea)	Belgium		1				D. C.
<i>Brachyrhinus rugosostriatus</i> (Cur- culionidae): Packing around rose cuttings	France		1				D. C.
<i>Brachyrhinus</i> sp. (Curculionidae): <i>Astilbe</i> sp.	Netherlands	3	1				D. C.
<i>Sinningia speciosa</i> (gloxinia)	Belgium	1					N. Y.
Soil around plants	Canada			1			Wash.
Soil on roots of <i>Berberidopsis</i> sp.	England			1			D. C.
<i>Brachystylus tamalipanensis</i> (Cur- culionidae): Miscellaneous leaves	Mexico			1			Tex.
<i>Brentus mexicanus</i> (Brentidae): <i>Tabebuia donnell-smithii</i> (primavera).	Honduras		1				N. Y.
<i>Brochymena aculeata</i> (Pentatomi- dae): <i>Tamarix juniperina</i> (juniper tamarix).	Mexico			1			Tex.
<i>Brochymena sulcata</i> (Pentatomi- dae): <i>Delphinium</i> sp. (larkspur)	do			1			Tex.
<i>Brontes australis</i> (Ctenigidiae): <i>Grenillea robusta</i> (silk-oak)	Australia		1				N. Y.
<i>Bruchidius gibrus</i> (Bruchidae): <i>Hedysarum coronarium</i> (French-honeysuckle).	Italy			1			N. Y.
<i>Hedysarum</i> sp.	do			1			D. C.
<i>Onobrychis</i> sp.	do			1			D. C.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Bruchidius lividimanus retamae</i> (Bruchidae):							
<i>Cytisus sessilifolius</i>	Italy.....	1				N. Y.	
<i>Bruchidius villosus</i> (Bruchidae):							
<i>Cytisus laburnum</i>	France.....		1			D. C.	
<i>Cytisus purpureus</i>	Switzerland.....		1			D. C.	
<i>Cytisus sessilifolius</i>	Italy.....	1				N. Y.	
<i>Cytisus</i> sp.....	do.....		1			Mich.	
<i>Genista anrantica</i>	Switzerland.....		1			D. C.	
<i>Genista</i> sp.....	do.....		1			D. C.	
<i>Laburnum alpinum</i>	France.....	1				N. Y.	
<i>Spartium junceum</i> (Spanish broom).	England, Germany.....		2			D. C., Pa.	
<i>Bruchus affinis</i> (Bruchidae):							
<i>Lathyrus latifolius</i> (perennial pea).	Netherlands.....		1			Ill.	
<i>Lathyrus odoratus</i> (sweet pea).	Germany, Netherlands.....		2			Mich., N. Y.	
<i>Lathyrus</i> sp.....	England, France, Netherlands.....		3			D. C., Mich.	
<i>Vicia</i> sp. (vetch).....	Rumania.....	1				N. Y.	
<i>Bruchus brachialis</i> (Bruchidae):							
<i>Vicia villosa</i> (hairy vetch).....	Germany, Hungary.....	13	2			Ala., D. C., Pa., Va.	
<i>Vicia</i> sp. (vetch).....	Hungary, Italy.....	7	6			Ala., D. C., N. Y., Pa., Va.	
<i>Bruchus ervi</i> (Bruchidae):							
<i>Lens esculenta</i> (lentil).....	Syria.....	1				N. Y.	
<i>Bruchus lentis</i> (Bruchidae):							
<i>Lens esculenta</i> (lentil).....	Cyprus.....	1				N. Y.	
<i>Bruchus loti</i> (Bruchidae):							
Rye straw jacket with vetch.	France.....	1				Ala.	
<i>Bruchus luteicornis</i> (Bruchidae):							
<i>Vicia angustifolia</i>	do.....	1				La.	
<i>Vicia</i> sp. (vetch).....	England, France, Greece, Jamaica, Netherlands, Portugal, Rumania, Scotland, Spain.....	50				Ala., D. C., Ill., La., Md., Mass., N. Y., Pa., Wash.	
<i>Bruchus pallidicornis</i> (Bruchidae):							
<i>Lens esculenta</i> (lentil).....	Italy.....		1			D. C.	
<i>Bruchus rufipes</i> (Bruchidae):							
<i>Vicia</i> sp. (vetch).....	France, Hungary, Rumania.....	4	2			D. C., Ill., La., N. Y.	
<i>Bruchus tristiculus</i> (Bruchidae):							
Seed.....	Portugal.....		1			Pa.	
<i>Bucculatrix</i> sp., probably <i>thurberiella</i> (Bucculatricidae):							
<i>Gossypium</i> sp. (cotton) (boll).	Mexico.....			2		Ariz., Tex.	
<i>Bythoscopus misellus</i> (Cicadellidae):							
<i>Chrysanthemum parthenium</i> (feverfew).	do.....	1				Tex.	
<i>Callirhytis glandulosa</i> (Cynipidae):							
<i>Quercus</i> sp. (acorn).....	Turkey.....	1				N. Y.	
<i>Callosobruchus ademptus</i> (Bruchidae):							
<i>Pueraria thunbergiana</i> (kudzu).	France, Japan, Netherlands.....	12	4			Ala., D. C., Md., Mich., N. Y., Wash.	
<i>Callosobruchus analis</i> (Bruchidae):							
<i>Cicer arietinum</i> (chickpea)	India.....	1				Ga.	
<i>Vigna sinensis</i> (cowpea)	Baluchistan.....	1				D. C.	
<i>Callosobruchus chinensis</i> (Bruchidae):							
Bean.....	China, Italy, Japan.....	1	1	1		Mass., N. Y., Wash.	
<i>Cajanus indicus</i> (pigeon pea).	Hawaii.....		1			Hawaii.*	
<i>Phaseolus mungo radiatus</i>	Japan.....		1			Wash.	
<i>Phaseolus</i> sp. (string bean)	China, Japan.....			1	1	Hawaii,* Wash.	
<i>Tamarindus indica</i> (tamarind).	Egypt.....		1			D. C.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Carsidara dugesii</i> (Psyllidae): Mixed flowers.....	Mexico.....			1			Tex.
<i>Caryedon fuscus</i> (Bruchidae): <i>Tamarindus indica</i> (tamarind).	Jamaica.....		1				Mich.
<i>Caryedon</i> sp. (Bruchidae): <i>Bolusanthus speciosus</i>	Union of South Africa.....		1				D. C.
<i>Cordeauria edulis</i>	Italian Somaliland.....		1				D. C.
<i>Peltophorum</i> sp.....	Union of South Africa.....		1				D. C.
<i>Castnia</i> sp. (Castniidae): Bromeliad.....	Brazil.....			1			D. C.
<i>Oncidium varicosum</i> (orchid).	do.....	1					Calif.*
<i>Cephaloleia pretiosa</i> (Chrysomelidae): <i>Heliconia latispatha</i>	Panama.....		1				Tex.
<i>Cerapachys augustae</i> (Formicidae): Plants in soil.....	Mexico.....			1			Tex.
<i>Ceratitis capitata</i> (Trypetidae): <i>Capsicum annuum</i> (pepper)...	Hawaii.....					2	Calif.*
<i>Citrus aurantium</i> (bitter orange).	Italy.....		2				N. Y.
<i>Citrus nobilis deliciosa</i> (tangerine).	Brazil.....					1	Mass.
<i>Citrus sinensis</i> (orange).....	Portugal, Spain.....				1	2	Mass., N. Y., Tex
<i>Coffea</i> sp. (coffee).....	Hawaii.....			1			Calif.*
<i>Opuntia compressa</i> (prickly-pear).	Italy.....			1			N. Y.
<i>Persea americana</i> (avocado)...	Hawaii.....	1		2			Calif.*
<i>Pyrus communis</i> (pear).....	Italy.....			1	1		Mass., N. Y.
In box containing pears and apples.	Germany.....			1			N. Y.
On cases of bitter oranges and in hold of ship.	Italy.....		2				N. Y.
On wall in hold of ship.....	do.....				1		Tex.
On deck on which oranges had been stored (4 interceptions).	do.....						La.
<i>Ceratitis</i> sp. (Trypetidae): <i>Citrus grandis</i> (grapefruit).....	Palestine, Union of South Africa.....					4	Mass., N. Y., Pa.
<i>Ceratocapsus punctulatus</i> (Miridae): <i>Chysanthemum</i> sp.....	Mexico.....			1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....			1			Tex.*
<i>Cercyon melanocephalus</i> (Hydrophilidae): Forest litter and sphagnum moss.	Denmark.....	1					N. Y.
<i>Cercyon quisquilius</i> (Hydrophilidae): <i>Tabebuia donnell-smithii</i> (primavera).	Honduras.....	1					N. Y.
<i>Ceroplastes rubens</i> (Coccidae): <i>Anthurium</i> sp.....	Hawaii.....			1			Calif.*
<i>Camellia japonica</i> (camellia)...	Japan.....	5	1				Calif.* Wash.
Palm.....	Hawaii.....				1		Calif.*
<i>Ceroplastes rusci</i> (Coccidae): <i>Ficus carica</i> (fig).....	Italy.....			2			N. Y.
<i>Cerotomo atrofasciata</i> (Chrysomelidae): <i>Oncidium cavendishianum</i> (orchid).	Guatemala.....	1					Calif.*
<i>Ceutorhynchus atomus</i> (Curculionidae): Forest litter and sphagnum moss.	Denmark.....	1					N. Y.
<i>Ceutorhynchus contractus</i> (Curculionidae): Forest litter and sphagnum moss.	do.....	1					N. Y.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
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INSECTS—continued							
<i>Ceutorhynchus pleurostigma</i> (Curculionidae): <i>Brassica rapa</i> (turnip)-----	England, France, Netherlands, Scotland, Sweden.					23	La., N. Y., Tex.
<i>Ceutorhynchus quadridens</i> (Curculionidae): <i>Brassica oleracea botrytis</i> (cauliflower).	Italy-----					2	N. Y.
<i>Ceutorhynchus</i> sp., possibly <i>rapae</i> (Curculionidae): <i>Brassica oleracea capitata</i> (cabbage).	do-----					1	Ala.
<i>Ceutorhynchus</i> sp. (Curculionidae): <i>Brassica campestris</i> (rutabaga)	England, France, Netherlands.					12	Md., N. Y., Pa., Tex.
<i>Brassica oleracea botrytis</i> -----	Italy, Scotland-----					8	N. Y.
<i>Brassica oleracea capitata</i> (cabbage).	France, Italy, Portugal-----					4	La., N. Y.
<i>Brassica rapa</i> (turnip)-----	Belgium, England, Estonia, France, Germany, Italy, Morocco, Netherlands, Scotland, Spain, Sweden, Wales.	1				64	Ala., Ga., La., Md., Mass., N. Y., Pa., S. C., Tex., Va.
<i>Lactuca sativa</i> (lettuce)-----	Italy-----					1	N. Y.
<i>Chaetopsis fulvifrons</i> (Otitidae): <i>Zantedeschia aethiopica</i> (calla lily).	Mexico-----	1					Tex.
<i>Chalcodermus</i> sp. (Curculionidae): <i>Phaseolus</i> sp. (string bean)---	Cuba, Mexico-----			1		1	Tex.
<i>Chilo simplex</i> (Crambidae): <i>Oryza sativa</i> (rice)-----	Japan-----	1	4	1			Hawaii*, La., Mass., Pa., Wash.
<i>Chilo</i> sp. (Crambidae): <i>Andropogon citratus</i> -----	Mexico-----			1			Calif.
<i>Saccharum officinarum</i> (sugarcane).	do-----	1		3			Ariz.
<i>Zea mays</i> (corn)-----	do-----			1			Ariz.
<i>Chionaspis humilis</i> (Coccidae): <i>Havorthia</i> sp.	Southwest Africa-----		1				D. C.
<i>Chionaspis ymnensis</i> (Coccidae): <i>Citrus nobilis</i> (king orange)-----	Japan-----					2	Calif.* Wash.
<i>Citrus nobilis deliciosa</i> (Mandarin orange).	do-----	9					
<i>Citrus nobilis deliciosa</i> (tangerine).	do-----					1	Pa.
<i>Citrus sinensis</i> (orange)-----	do-----					1	N. Y.
<i>Chirothrips falsus</i> (Thripidae): <i>Gardenia florida</i> (Cape-jasmine).	Mexico-----			1			Tex.
Mixed flowers-----	do-----		1				Tex.
Orchid-----	do-----		1				Tex.
<i>Chrysobothris guatemalensis</i> (Buprestidae): Airplane-----	do-----					1	Tex.
<i>Chrysolina brunsvicensis</i> (Chrysomelidae): Forest litter and sphagnum moss.	Denmark-----	1					N. Y.
<i>Chrysolina varians centaura</i> (Chrysomelidae): Unknown plant-----	Belgium-----		1				D. C.
<i>Chrysomphalus bouweyi</i> (Coccidae): Orchid-----	Honduras-----			1			La.
<i>Chrysomphalus dictyospermi</i> var. (Coccidae): <i>Camellia japonica</i> (camellia)---	Mexico-----	1					Tex.
<i>Mangifera indica</i> (mango)-----	Grenada-----			1			N. Y.
<i>Persea americana</i> (avocado)---	Mexico-----			2			Tex.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
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INSECTS—continued							
<i>Chrysomphalus nigropunctatus</i> (Coccidae): Orchid	Mexico	1					Tex.
<i>Chrysomphalus odontoglossi</i> (Coccidae): Orchid	Jamaica		1				D. C.
<i>Chrysomphalus personatus</i> (Coccidae): <i>Citrus grandis</i> (grapefruit)	Mexico			1			Tex.
<i>Citrus limonia</i> (lemon)	Brazil				1		Mass.
<i>Citrus sinensis</i> (orange)	do				1		Fla.*
<i>Persea americana</i> (avocado)	Mexico			1			Tex.
Unidentified leaf	American Virgin Islands		1				N. Y.
<i>Chrysomphalus umboniferus</i> (Coccidae): Orchid	Venezuela			1			N. Y.
<i>Clerada apicicornis</i> (Lygaeidae): <i>Solanum melongena</i> (eggplant)	Cuba	1					N. Y.
<i>Cligenes delineata</i> (Lygaeidae): Unknown leaf	Mexico			1			Tex.
<i>Coccotrypes bassiaeverus</i> (Scolytidae): <i>Cocos</i> sp. (palm)	Brazil		1				D. C.
<i>Coccotrypes dactyliperda</i> (Scolytidae): <i>Phoenix</i> sp.	France		1				D. C.
<i>Coccotrypes pygmaeus</i> (Scolytidae): <i>Livistona chinensis</i> (Chinese fan palm)	Tanganyika		1				Hawaii.*
<i>Coccus viridis</i> (Coccidae): <i>Bryophyllum</i> sp.	Jamaica		1				N. Y.
<i>Citrus sinensis</i> (orange)	Dominican Republic			1			N. Y.
<i>Coffea</i> sp. (coffee)	Brazil, Colombia, Hawaii, Jamaica, Puerto Rico.	1		4	1		Calif.*, D. C., Fla., N. Y.
<i>Gardenia florida</i> (Cape-jasmine).	Cuba, Hawaii, Jamaica, Venezuela.			28	10		Calif.*, Fla.*
<i>Ixora</i> sp.	Trinidad			1			Fla.*
<i>Lagerstroemia</i> sp.	Jamaica			1			D. C.
<i>Psidium guajava</i> (guava)	Cuba			1			Fla.*
<i>Conchaspis angraeci</i> (Coccidae): <i>Cattleya</i> sp. (orchid)	Venezuela	1					D. C.
<i>Laelia rubescens</i> (orchid)	Costa Rica		1				D. C.
Orchid	Canal Zone		2	1			D. C., P. R.
<i>Vanilla</i> sp. (orchid)	Ecuador	1					P. R.
<i>Conotrachelus flavangulus</i> (Curculionidae): <i>Cydonia oblonga</i> (quince)	Mexico			1			Tex.
<i>Conotrachelus leucophaeatus</i> (Curculionidae): <i>Dahlia</i> sp.	do	1					Tex.
<i>Conotrachelus</i> sp., possibly <i>nemuphar</i> (Curculionidae): <i>Amygdalus persica</i> (peach)	do			1			Tex.
<i>Conotrachelus</i> sp., apparently <i>seniculus</i> (Curculionidae): <i>Spinacia oleracea</i> (spinach)	do			1			Ariz.
<i>Conotrachelus</i> sp. (Curculionidae): <i>Achras sapota</i> (sapodilla)	Colombia	2					N. Y.
<i>Anacardium occidentale</i> (cashew).	Canal Zone		1				D. C.
<i>Brassica rapa</i> (turnip)	Mexico	1					Tex.
<i>Eugenia</i> sp.	Canal Zone		1				D. C.
<i>Inga</i> sp.	Guatemala			1			La.
<i>Myricaria</i> sp.	Brazil		1				D. C.
<i>Persea americana</i> (avocado)	Mexico			101			Tex.
<i>Prunus salesii</i>	Guatemala			1			La.
<i>Psidium guajava</i> (guava)	Mexico			2			Tex.
<i>Quercus undulata</i>	do			1			Ariz.
<i>Quercus</i> sp.	do	2	1	39			Ariz., Tex.

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INSECTS—continued							
<i>Coptotermes formosanus</i> (Rhino-termitidae):							
<i>Cycas</i> sp.	Japan			1			Calif.*
<i>Corcyra cephalonica</i> (Galleriidae):							
Burlap covering for forest litter.	Liberia	1					N. Y.
<i>Cocos nucifera</i> (coconut)	Philippines	2					Hawaii.*
<i>Gossypium</i> sp. (cottonseed)	India, Puerto Rico	1	1				D. C., N. Y.
<i>Oryza sativa</i> (rice)	India				4		Ga.
<i>Corizus parumpunctatus</i> (Coreidae):							
Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Corizus sidae</i> (Coreidae):							
<i>Antirrhinum majus</i> (Snapdragon).	Mexico			1			Tex.
<i>Lactuca sativa</i> (lettuce)	do			1			Tex.
Mixed flowers	do			1			Tex.
<i>Cosmolyce boeticus</i> (Lycaenidae):							
<i>Canavalia</i> sp.	Hawaii, Japan			3	1		Calif.*, Md.
Soja max (soybean)	Japan				1		Md.
<i>Creontiades pallidus</i> (Miridae):							
<i>Cichorium endivia</i> (escarole)	Italy				1		N. Y.
<i>Crocidosema plebeiana</i> (Olethreutidae):							
<i>Hibiscus esculentus</i> (okra)	Mexico	6		1			Tex.
<i>Hibiscus</i> sp.	Bermuda, Cuba	1		1			La., N. Y.
<i>Cryphula apicatus</i> (Lygaeidae):							
<i>Oncidium cavendishianum</i> (orchid).	Guatemala	1					Calif.*
<i>Cryptopleurum atomarium</i> (Hydrophilidae):							
Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Curculio</i> sp. (Curculionidae):							
<i>Castanea</i> sp. (chestnut)	Azores, Italy, Japan, Portugal, Philippines	5	3	3	4		Hawaii,* Mass., N. Y., Wash.
<i>Eugenia</i> sp.	Philippines	1		1			Calif.*
<i>Hicoria</i> sp. (hickory)	Mexico			1			Tex.
<i>Quercus humilis</i>	Portugal		1				D. C.
<i>Quercus suber</i> (cork oak)	do		2				D. C.
<i>Quercus undulata</i> (acorn)	Mexico			1			Ariz.
<i>Quercus</i> sp. (acorn)	Manchuria, Mexico	1		46			Ariz., Calif.,* Tex.
<i>Cydamus borealis</i> (Coreidae):							
Mixed flowers	Guatemala			1			Tex.
<i>Cylas femoralis</i> (Curculionidae):							
<i>Ipomoea batatas</i> (sweetpotato).	Angola, West Africa	1			1		N. Y., Pa.
<i>Cylas formicarius</i> (Curculionidae):							
<i>Ipomoea batatas</i> (sweetpotato).	China, Cuba, Dominican Republic, Haiti, India, Jamaica, Mexico, Puerto Rico.	7		39	17		Ariz., Hawaii,* La., Md., Mass., N. Y., Pa., Tex., Va.
<i>Cylas puncticollis</i> (Curculionidae):							
<i>Ipomoea batatas</i> (sweetpotato).	Angola, Mexico, West Africa.	3			3		Mass., N. Y., Pa.
<i>Cylindrocopturus armatus</i> (Curculionidae):							
Stem of weed	Mexico			1			Ariz.
<i>Cymoninus notabilis</i> (Lygaeidae):							
<i>Brassica chinensis</i> (white chard).	Cuba	1					N. Y.
<i>Cyrtopeltis tenuis</i> (Miridae):							
<i>Antirrhinum majus</i> (snapdragon).	Cuba, Jamaica, Mexico			3	1		Ariz., N. Y.
<i>Brassica chinensis</i> (white greens).	Cuba	21					N. Y.
<i>Brassica</i> sp. (mustard)	do	1					N. Y.

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INSECTS—continued							
<i>Cyrtopeltis tenuis</i> (Miridae)—Con.							
<i>Dianthus chinensis</i> (Chinese pink).	Jamaica			1			N. Y.
Mixed flowers	Guatemala			1			Tex.
<i>Petunia</i> sp.	Jamaica			1			N. Y.
<i>Raphanus sativus</i> (radish)	Cuba	1		1			N. Y.
<i>Cryptopeltis varians</i> (Miridae):							
<i>Heliotropium parviflorum</i> (borraja).	Mexico			1			Tex.
Mixed flowers	do			2			Ariz.
<i>Dactylosternum centrale</i> (Hydrophilidae):							
<i>Heliconia latispatha</i>	Panama	1					Tex.
<i>Dacus cucurbitae</i> (Trypetidae):							
In debris in box of cucumbers.	Hawaii					1	Calif.*
<i>Dacus oleae</i> (Trypetidae):							
<i>Olea europaea</i> (olive)	Italy, Portugal		14	2			Mass., N. Y., Pa.
<i>Punica granatum</i> (pomegranate) (packed in box with fresh olives).	Italy		1				Pa.
<i>Dacus</i> sp. (Trypetidae):							
<i>Cucurbita pepo</i> (pumpkin)	Union of South Africa					1	N. Y.
<i>Delphacodes campestris</i> (Araeopidae):							
<i>Chenopodium album</i> (lamb-quarters).	Mexico			1			Ariz.
<i>Dercynus micronyx</i> (Curculionidae):							
<i>Brownea grandiflora</i>	Trinidad		2				Calif.*
<i>Dialeurodes chittendeni</i> (Aleyrodidae):							
<i>Rhododendron</i> sp.	England		1				Calif.*
<i>Diaphania</i> sp. (Pyraustidae):							
<i>Benincasa hispida</i> (hairy squash).	Cuba	2					N. Y.
<i>Brassica</i> sp. (mustard)	do	1					N. Y.
<i>Cucumis sativus</i> (cucumber)	Cuba, Mexico, Panama, Venezuela.	10				2	Fla.,* La., N. Y., Tex.
<i>Cucurbita maxima</i> (squash)	Cuba, Mexico			7			N. Y., Tex.
<i>Diaspis visci</i> (Coccidae):							
<i>Juniperus</i> sp.	Italy	1					Calif.*
<i>Diaspis zamiae</i> (Coccidae):							
<i>Encephalartos latifrons</i>	Union of South Africa	1					D. C.
<i>Diatraea cramboides</i> (Crambidae):							
<i>Zea mays</i> (corn)	Bahamas			1			Fla.*
<i>Dikraneura cockerelli</i> (Cicadellidae):							
<i>Brassica</i> sp. (mustard)	Mexico	1					Tex.
<i>Dimoderus bifoveolatus</i> (Bostrichidae):							
<i>Derris</i> sp.	India	1					N. Y.
<i>Gnaphalium vira-vira</i> (huirahuirā).	Peru	1					N. Y.
<i>Serjania mexicana</i> (barbasco).	do	1					N. Y.
Unidentified log	Dutch West Indies	1					N. Y.
<i>Diocalandra taitensis</i> (Curculionidae):							
<i>Cocos nucifera</i> (coconut)	Hawaii, Philippines	1		1			Calif.*, Hawaii.*
<i>Disonychia antennata</i> (Chrysomelidae):							
<i>Laelia</i> sp. (orchid)	Mexico	1					Tex.
<i>Draeculacephala minerva</i> (Cicadellidae):							
<i>Lactuca sativa</i> (lettuce)	do			3			Ariz., Tex.
<i>Draeculacephala portola</i> (Cicadellidae):							
<i>Ananas sativus</i> (pineapple)	do	1					La.
<i>Drasterius cribratus</i> (Elateridae):							
<i>Beta vulgaris</i> (beet)	do	1					Tex.
<i>Prosopis</i> sp. (mesquite)	do	1					Tex.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Drymus sylvaticus</i> (Lygaeidae): Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Dysdercus mimulus</i> (Pyrrhocoridae): Mixed flowers	Mexico			1			Tex.
<i>Eleodes tricolorata</i> (Tenebrionidae): Soil around plant	do			1			Tex.
<i>Empoasca abrupta</i> (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do			3			Tex.
Mixed flowers	do			1			Ariz.
<i>Empoasca solana</i> (Cicadellidae): <i>Beta vulgaris</i> (beet)	do			1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard).	do			1			Tex.
<i>Gardenia florida</i> (Cape-jasmine).	do	1					Tex.
<i>Lactuca sativa</i> (lettuce)	do			5			Tex.
<i>Endrosia lacteella</i> (Oecophoridae): <i>Aglaonema</i> sp.	China	1					Wash.
<i>Tulipa</i> sp. (tulip)	Netherlands	1					Wash.
<i>Epicaerus cognatus</i> (Curculionidae): <i>Solanum tuberosum</i> (potato)	Mexico	1		22		1	Fla., Tex.
<i>Epidiaspis piricola</i> (Coccidae): <i>Malus sylvestris</i> (apple)	Italy			2			N. Y.
<i>Pyrus communis</i> (pear)	Japan		1				Wash.
<i>Epilachna varivestis</i> (Coccinellidae): <i>Brassica chinensis</i> (Chinese cabbage).	Mexico			1			Tex.
<i>Brassica</i> sp. (mustard)	do		4				Tex.
<i>Epinotia opposita</i> (Olethreutidae): <i>Phaseolus lunatus macrocarpus</i> (lima bean).	do		1				Tex.
<i>Phaseolus</i> sp. (string bean)	Mexico, Venezuela	6		103		2	Ariz., Pa., Tex.
<i>Epochra</i> sp. (Trypetidae): <i>Ribes</i> sp. (currant)	Mexico			1			Tex.
<i>Eriosoma crataegi</i> (Aphidae): <i>Malus sylvestris</i> (apple)	New Zealand					1	Pa.
<i>Malus</i> sp.	England	1					D. C.
<i>Ernobius abietis</i> (Anobiidae): <i>Picea</i> sp. (spruce)	Germany			1			N. Y.
<i>Eucalandra setulosa</i> (Curculionidae): Grass used as packing	Mexico	1					Tex.
<i>Eucnoceris anthrenoides</i> (Dermestidae): <i>Zea mays</i> (corn)	do			1			Tex.
<i>Eumecosomyia nubila</i> (Otitidae): <i>Citrus sinensis</i> (orange)	Panama					1	Pa.
<i>Lactuca sativa</i> (lettuce)	Mexico			1			Tex.
<i>Zea mays</i> (corn)	Brazil, Mexico	7	7	4		1	Ariz., Mass., Tex.
<i>Eumerus</i> sp. (Syrphidae): <i>Allium cepa</i> (onion)	Denmark					1	Pa.
<i>Narcissus</i> sp.	Netherlands	2					Mass., Va.
<i>Eupteryx melissae</i> (Cicadellidae): <i>Salvia</i> sp. (sage)	England		1				Pa.
<i>Eurycypita vestitus</i> (Miridae): <i>Lycaele</i> sp. (orchid)	Guatemala	1					D. C.
<i>Oncidium catendishianum</i> (orchid).	do	1					Calif.*
<i>Oncidium</i> sp. (orchid)	do	1					Calif.*
Orchid	Guatemala, Honduras	4					Calif.* Calif., D. C.
<i>Eurydema oleraceum</i> (Pentatomidae): Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Euryophthalmus cinctus</i> (Pyrrhocoridae): <i>Gardenia florida</i> (Cape-jasmine).	Mexico			1			Tex.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Eurytoma orchidearum</i> (Eurytomidae):							
<i>Cattleya gigas</i> (orchid)	Colombia	1				Calif.*	
<i>Cattleya mossiae</i> (orchid)	South America	1				Calif.*	
<i>Cattleya trianae</i> (orchid)	Colombia	3				Calif.*	
<i>Cattleya</i> sp. (orchid)	Colombia, Venezuela	11				Calif.*, D. C.	
<i>Eusepes postfasciatus</i> (Curculionidae):							
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Dominican Republic, Haiti, Hawaii, Jamaica, Trinidad.	1		1	1	27	La., Md., Mass., N. Y., Pa., Tex., Va., Wash.
<i>Euschistus obscurus</i> (Pentatomidae):							
Mixed flowers	Mexico			1			Tex.
<i>Euschistus spurculus</i> (Pentatomidae):							
<i>Oncidium cavendishianum</i> (orchid).	Guatemala	1					Calif.*
<i>Euspermophagus cardui</i> (Bruchidae):							
Undetermined seed	Italy		1				D. C.
<i>Eustictus minimus</i> (Miridae):							
Miscellaneous leaves	Mexico			1			Tex.
<i>Euzesta stigmatias</i> (Otitidae):							
<i>Zea mays</i> (corn)	do	2					Ariz.
<i>Eritanius obscurinervis</i> (Cicadellidae):							
Flowers	do			1			Ariz.
<i>Erosoma lusitanica</i> (Chrysomelidae):							
<i>Muscari comosum</i> (cipollino).	Morocco	12					N. Y.
<i>Explochiomera oblonga</i> (Lygaeidae):							
<i>Capsicum annuum</i> (pepper)	Mexico	2					Ariz.
<i>Lycopersicum esculentum</i> (tomato).	do	2					Ariz.
<i>Solanum melongena</i> (eggplant).	do	1					Ariz.
<i>Explochiomera tumens</i> (Lygaeidae):							
<i>Cattleya</i> sp. (orchid)	Venezuela	1					D. C.
<i>Faustinus cubae</i> (Curculionidae):							
<i>Capsicum annuum</i> (pepper)	Cuba	2					N. Y.
<i>Forficula auricularia</i> (Forficulidae):							
<i>Brassica oleracea capitata</i> (cabbage).	Spain					1	Pa.
<i>Calluna vulgaris</i> (heather)	Scotland		2				Mass., N. Y.
<i>Malus sylvestris</i> (apple)	Portugal					1	Pa.
Packing around <i>Galenia</i> sp. roots.	Canada		1				Wash.
Packing around budsticks	Netherlands		1				D. C.
<i>Tulipa</i> sp. (tulip)	do		1				Mich.
<i>Vallota purpurea</i>	England		1				Calif.*
<i>Forsebia perlaeta</i> (Phalaenidae):							
<i>Pisum sativum</i> (pea)	Mexico	1					Ariz.
<i>Frankliniella cephalica</i> (Thripidae):							
<i>Calendula</i> sp.	do			1			Tex.
<i>Cochlospermum vitifolium</i>	Panama	1					Tex.
<i>Chrysanthemum</i> sp.	Mexico			2			Tex.
Daisy	do			2			Tex.
Mixed flowers	do			1			Ariz.
<i>Rosa</i> sp.	do	1		1			Tex.
<i>Frankliniella cubensis</i> (Thripidae):							
<i>Lathyrus odoratus</i> (sweet pea)	Cuba				1		Fla.*
<i>Rosa</i> sp.	do			8	6		Fla.*

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mall	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Frankliniella fortissima</i> (Thripidae):							
<i>Antirrhinum majus</i> (snapdragon).	Mexico.....	1		13			Tex.
<i>Chrysanthemum maximum</i> (Shasta daisy).	do.....	1					Tex.
<i>Chrysanthemum</i> sp.....	do.....			5			Tex.
<i>Dahlia</i> sp.....	do.....			1			Tex.
Daisy.....	do.....			2			Tex.
<i>Dianthus</i> sp. (carnation).....	do.....	2					Tex.
<i>Lilium</i> sp. (lily).....	do.....	1					Tex.
Mixed flowers.....	do.....			12			Ariz., Tex.
<i>Rosa</i> sp.....	do.....	1		9			Ariz., Tex.
<i>Scabiosa</i> sp. (pincushion flower).	do.....			1			Tex.
<i>Frankliniella insularis</i> (Thripidae):							
<i>Antirrhinum majus</i> (snapdragon).	Cuba, Jamaica.....			1		1	N. Y.
<i>Chrysanthemum</i> sp.....	Bermuda.....			1			N. Y.
<i>Dahlia</i> sp.....	Cuba.....			1			N. Y.
<i>Gладиолус</i> sp.....	Bermuda.....			1			N. Y.
Orchid.....	Colombia.....			1			N. Y.
<i>Rosa</i> sp.....	Bahamas, Cuba.....					1	Fla.*
<i>Frankliniella melanommatus</i> (Thripidae):							
<i>Dianthus chinensis</i> (Chinese pink).	Jamaica.....			1			N. Y.
<i>Gerberia</i> sp.....	do.....			1			N. Y.
<i>Lilium</i> sp.....	Bermuda.....			1			N. Y.
<i>Frankliniella schultzei</i> (Thripidae):							
<i>Ornithogalum thyrsoides</i> (chinkerichee).	Union of South Africa.....	51		1			N. Y.
<i>Frankliniella tenuicornis</i> (Thripidae):							
<i>Azalea indica</i> (azalea).....	Belgium.....	1					D. C.
<i>Mentha</i> sp. (mint).....	Netherlands.....					1	N. Y.
<i>Frankliniella williamsi</i> (Thripidae):							
<i>Allium cepa</i> (onion).....	Mexico.....			1			Ariz.
<i>Centaurea cyanus</i> (cornflower).	do.....			2			Tex.
<i>Chrysanthemum</i> sp.....	do.....			1			Tex.
Herb.....	do.....			1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....			5			Tex.
<i>Mentha</i> sp. (mint).....	do.....			1			Tex.
Mixed flowers.....	do.....			1			Tex.
<i>Petroselinum hortense</i> (parsley).	do.....			1			Tex.
<i>Rosa</i> sp.....	do.....			1			Tex.
<i>Zea mays</i> (corn).....	do.....	3		86			Ariz., Tex.
<i>Franklinothrips vespiformis</i> (Aeolothripidae):							
<i>Brassica chinensis</i> (white greens).	Cuba.....	14					N. Y.
<i>Brassica</i> sp. (mustard).....	do.....	12					N. Y.
<i>Capsicum annuum</i> (pepper).....	Mexico.....	1					Ariz.
Mixed flowers.....	do.....			1			Tex.
<i>Pisum sativum</i> (pea).....	Cuba.....	1					N. Y.
<i>Fulvius bisbistillatus</i> (Miridae):							
<i>Cattleya</i> sp.....	Colombia.....			1			Calif.*
<i>Fulvius quadristellatus</i> (Miridae):							
<i>Heliconia latispata</i>	Panama.....			1			Tex.
<i>Fulvius</i> sp. (Miridae):							
<i>Cattleya</i> sp.....	Venezuela.....	1					D. C.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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INSECTS—continued							
<i>Furcaspis biformis</i> (Coccidae):							
<i>Brassavola nodosa</i> (orchid)-----	Canal Zone-----	1				Hawaii.*	
<i>Cattleya gigas</i> (orchid)-----	Colombia-----	1				Calif.*	
<i>Cattleya percivaliana</i> (orchid)-----	Venezuela-----			1		N. Y.	
<i>Cattleya trianae</i> (orchid)-----	Colombia, Hawaii-----	2		1		Calif.*	
<i>Cattleya</i> sp. (orchid)-----	Colombia, Venezuela-----	10		1		Calif., D. C.	
<i>Epidendrum atropurpureum</i>	Canal Zone, Philippines-----	1	2			Calif., Hawaii.*	
<i>Epidendrum</i> sp. (orchid)-----	Canal Zone-----	1				Calif.*	
<i>Oncidium panamense</i> (orchid)-----	Panama-----		1			Hawaii.*	
<i>Oncidium</i> sp. (orchid)-----	Brazil, Canal Zone, Trinidad-----	2		2		Calif., D. C., P. R.	
Orchid-----	Cuba, Hawaii, Vene- zuela-----	2		2		Calif., Fla., P. R.	
<i>Galgupha punctifer</i> (Cydnidae):							
Soil around orchid plant-----	Mexico-----	1				Tex.	
<i>Gastrothrips</i> sp. (Phlaeothripidae):							
<i>Rosa</i> sp-----	do-----			1		Tex.	
<i>Gelechia ericetella</i> (Gelechiidae):							
<i>Calluna vulgaris</i> (heather)-----	Scotland-----	2				Mass., Pa.	
<i>Geocoris sonoraensis</i> (Lygaeidae):							
<i>Cucurbita maxima</i> (squash)-----	Mexico-----	1				Calif.*	
<i>Geomomus parvulus</i> (Cydnidae):							
<i>Lycopersicum esculentum</i> (to- mato)-----	do-----	1				Tex.	
<i>Gerslaeckeria muillaria</i> (Cur- culionidae):							
<i>Mammillaria pseudoschideana</i> (cactus)-----	do-----		1			Calif.*	
<i>Gnorimoschema gudmannella</i> (Ge- lechiidae):							
<i>Capsicum annuum</i> (pepper)-----	Cuba, Mexico-----	124		19		Ariz., N. Y., Tex.	
<i>Lycopersicum esculentum</i> (to- mato)-----	Mexico-----	1		1		Ariz., Tex.	
<i>Gracilia minuta</i> (Cerambycidae):							
<i>Salix</i> sp. (willow)-----	Belgium, England, Netherlands-----	8				N. Y.	
<i>Grapholitha saltitans</i> (Olethreu- tidae):							
<i>Sebastiania</i> sp-----	Mexico-----			1		Hawaii.*	
<i>Grapholitha</i> sp., probably <i>molesita</i> (Olethreutidae):							
<i>Amgdalus persica</i> (peach)-----	Japan-----				1	Wash.	
<i>Prunus domestica</i> (plum)-----	do-----				1	Wash.	
<i>Grapholitha</i> sp (Olethreutidae):							
<i>Amgdalus persica</i> (peach)-----	Italy, Mexico-----			1	1	Mass., Tex.	
<i>Cydonia oblonga</i> (quince)-----	Mexico-----			3		Tex.	
<i>Malus sylvestris</i> (apple)-----	do-----			2		Tex.	
<i>Pyrus communis</i> (pear)-----	Japan-----			1		Wash.	
<i>Gymnaspiis aechmeae</i> (Coccidae):							
<i>Aregelia</i> sp-----	Brazil-----			1		D. C.	
<i>Gynaikothrips uzeli</i> (Phlaeo- thripidae):							
<i>Ficus indica</i> (fig)-----	Cuba-----				11	N. Y.	
<i>Hadrobregmus destructor</i> (Anibii- dae):							
<i>Taxus brevifolia</i> (yew)-----	Canada-----	1				Wash.	
<i>Halimococcus lampas</i> (Coccidae):							
<i>Bismarckia nobilis</i> -----	France-----		1			D. C.	
<i>Haplothrips aculeatus</i> (Phlaeo- thripidae):							
Forest litter and sphagnum moss-----	Denmark-----	1				N. Y.	
<i>Haplothrips gowdeyi</i> (Phlaeo- thripidae):							
<i>Anthrrenum majus</i> (snap- dragon)-----	Colombia, Cuba, Ja- maica-----			3	1	N. Y.	
<i>Aster</i> sp-----	Jamaica-----			1		N. Y.	
<i>Celosia</i> sp-----	British West Indies-----				1	N. Y.	
<i>Chrysanthemum</i> sp-----	Bermuda-----			1		N. Y.	

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INSECTS—continued							
<i>Haplothrips gowdeyi</i> (Phlaeothripidae)—Con.							
<i>Dianthus chinensis</i> (Chinese pink).	Jamaica.....			1		N. Y.	
<i>Gardenia florida</i> (Cape-jasmine).	Mexico.....	1				Tex.	
<i>Gerberia</i> sp.....	Bermuda, Canal Zone, Jamaica.....			8	1	N. Y.	
<i>Jasminum</i> sp.....	Jamaica.....			1		N. Y.	
<i>Lathyrus odoratus</i> (sweet pea).	Cuba.....				1	Fla.*	
<i>Lilium</i> sp.....	Mexico.....	1				Tex.	
Mixed flowers.....	Bermuda, Mexico.....			3		N. Y., Tex.	
<i>Raphanus sativus</i> (radish).	Cuba.....	1				N. Y.	
<i>Posa</i> sp.....	Bahamas, Jamaica.....			1	1	Fla.*, N. Y.	
<i>Tagetes</i> sp. (marigold).	Bahamas.....			1		N. Y.	
<i>Zinnia</i> sp.....	Brazil.....				1	N. Y.	
<i>Haplothrips nigricornis</i> (Phlaeothripidae):							
<i>Ornithogalum thyrsoides</i> (chinkerichee).	Union of South Africa.....		2			N. Y.	
<i>Haplothrips subtilissimus</i> (Phlaeothripidae):							
<i>Azalea indica</i> (azalea).	Belgium.....		6			D. C.	
<i>Helipus</i> sp. (Curculionidae):							
<i>Persea americana</i> (avocado).	Mexico.....			2		Tex.	
<i>Heliodines bella</i> (Heliodinidae):							
<i>Portulaca</i> sp. (purslane).	do.....			1		Tex.	
<i>Helula phidilealis</i> (Pyraustidae):							
<i>Brassica chinensis</i> (white greens).	Cuba.....					N. Y.	
<i>Brassica</i> sp. (mustard).	do.....		1			N. Y.	
<i>Raphanus sativus</i> (radish).	do.....		1			N. Y.	
<i>Hellula undalis</i> (Pyraustidae):							
<i>Brassica rapa</i> (turnip).	Japan.....				3	Wash.	
<i>Heraeus cincticornis</i> (Lygaeidae):							
<i>Cattleya</i> sp. (orchid).	Venezuela.....		1			D. C.	
<i>Hercotrips errans</i> (Thripidae):							
<i>Dendrobium formosum</i> (orchid).	Japan.....		1			Hawaii.*	
<i>Hercotrips phaseoli</i> (Thripidae):							
<i>Brassica chinensis</i> (white greens).	Cuba.....		1			N. Y.	
<i>Herculia psammiozantha</i> (Pyralidae):							
<i>Cattleya qigas</i> (orchid).	Colombia.....		1			Calif.*	
<i>Heterobostrychus aequalis</i> (Bostri- chidae):							
Wooden box.	India.....		1			N. Y.	
<i>Hofmannophila pseudospretella</i> (Oecophoridae):							
<i>Erigeron</i> sp.....	England.....		1			D. C.	
<i>Iris susiana</i>	Netherlands.....		1			D. C.	
Straw jacket.	Scotland.....		1			Ala.	
<i>Homoeosoma electellum</i> (Phycitidae):							
<i>Chrysanthemum</i> sp.....	Mexico.....		1	29		Tex.	
Mixed flowers.....	do.....			1		Tex.	
<i>Hoplandrothrips xanthopoides</i> (Phlaeothripidae):							
<i>Bryophyllum</i> sp.....	Barbados.....		1			N. Y.	
<i>Hortensia similis</i> (Cicadellidae):							
<i>Brassica chinensis</i> (white greens).	Cuba.....		1			N. Y.	
<i>Hylesinus frazini</i> (Scolytidae):							
<i>Frazinus</i> sp. (ash).	England.....		1			N. Y.	
<i>Hypera arator</i> (Curculionidae):							
Forest litter and sphagnum moss.	Denmark.....		1			N. Y.	
<i>Hypera nigrirostris</i> (Curculionidae):							
Forest litter and sphagnum moss.	do.....		1			N. Y.	

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INSECTS—continued							
<i>Hypera postica</i> (Curculionidae): Packing around rose cuttings.	France		1				D. C.
<i>Hypoborus ficus</i> (Scolytidae): <i>Ficus carica</i> (fig)	Italy		1				Calif.*
<i>Hypocassida subferruginea</i> (Chrysomelidae): Moss around grapes	do		1				Calif.*
<i>Hypsipyla grandella</i> (Phycitidae): <i>Cedrus</i> sp. (cedar)	Mexico		1				La.
Log	do		1				Tex.
<i>Suietenia mahoganyi</i> (mahogany).	Honduras		1				La.
<i>Hypsoprora nogalata</i> (Membracidae): Flowers	Mexico			1			Ariz.
<i>Ips suturalis</i> (Scolytidae): <i>Pinus</i> sp. (pine)	Finland		1				N. Y.
<i>Iridomyrmex humilis</i> (Formicidae): <i>Dahlia</i> sp.	Portugal			1			N. Y.
<i>Tritonia</i> sp. (montbretia)	Azores			1			N. Y.
<i>Iridomyrmex iniquus</i> (Formicidae): <i>Cattleya</i> sp. (orchid)	Colombia, Venezuela		4				D. C.
In soil around <i>Cypripedium</i> sp.	Belgium		1				D. C.
<i>Iridomyrmex iniquus nigella</i> (Formicidae): <i>Cattleya</i> sp. (orchid)	Colombia		1				D. C.
<i>Iridomyrmex melleus</i> (Formicidae): <i>Vanda caerulea</i> (orchid)	France		1				Hawaii.*
<i>Ischnorhynchus ericae</i> (Lygaeidae): <i>Brassica oleracea capitata</i> (cabbage).	Italy					1	Ala.
<i>Isochaetothrips</i> sp. (Thripidae): <i>Gardenia florida</i> (Cape-jasmine).	Mexico		1	2			Tex.
<i>Polianthes tuberosa</i> (tuberose)	do			1			Tex.
<i>Kaloterms snyderi</i> (Termitidae): <i>Prosopis</i> sp. (mesquite)	do		1				Tex.
<i>Keiferia lycopersicella</i> (Gelechiidae): <i>Capsicum annuum</i> (pepper)	do		2				Ariz.
<i>Lycopersicum esculentum</i> (tomato).	Cuba, Mexico	1,784		2,949			Ariz., Calif., La., N. Y., Tex.
<i>Phaseolus</i> sp. (string bean)	Mexico			1			Ariz.
<i>Kurtomathrips</i> sp., close to <i>morrilli</i> (Thripidae): <i>Antirrhinum majus</i> (snapdragon).	Jamaica			1			N. Y.
<i>Laemophloeus iteratus</i> (Cucujidae): <i>Guaiacum officinale</i> (lignumvitae).	Nicaragua		1				N. Y.
<i>Tabehnia donnell-smithii</i> (primavera).	Guatemala		1				N. Y.
<i>Laspeyresia membrosa</i> (Olethreutidae): <i>Prosopis</i> sp. (mesquite)	Mexico			1			Tex.
<i>Laspeyresia splendana</i> (Olethreutidae): <i>Castanea</i> sp. (chestnut)	Azores, Italy, Japan, Portugal.		11		3		Calif.*, N. Y.
<i>Laspeyresia strobilella</i> (Olethreutidae): <i>Picea</i> sp. (spruce)	Germany			1			N. Y.
<i>Lecanodiaspis dendrobii</i> (Coccidae): <i>Cattleya</i> sp. (orchid)	Colombia		1				Calif.*

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Lecanium coryli</i> (Coccidae):							
<i>Malus sylvestris</i> (apple)-----	Switzerland-----	1				D. C.	
<i>Prunus</i> sp.-----	England-----	1				D. C.	
<i>Lepersinus fraxini</i> (Scolytidae):							
<i>Fraxinus</i> sp. (ash)-----	do-----	6				N. Y.	
Unidentified wood (probably ash).	do-----	1				La.	
<i>Lepidosaphes alba</i> (Coccidae):							
<i>Manihot esculenta</i> (cassava)-----	Bahamas-----				1	Fla.*	
<i>Lepidosaphes auriculata</i> (Coccidae):							
<i>Codiaeum</i> sp. (croton)-----	Hawaii-----	1				Calif.*	
<i>Lepidosaphes camelliae</i> (Coccidae):							
<i>Camellia japonica</i> (camellia)-----	Japan-----	3	1			Wash.	
<i>Lepidosaphes carinata</i> (Coccidae):							
<i>Pedilanthus</i> sp.-----	Mexico-----		1			Calif.*	
<i>Lepidosaphes chinensis</i> (Coccidae):							
<i>Pandanus</i> sp. (screw pine)-----	China-----		1			Calif.*	
<i>Lepidosaphes conchiformis</i> (Coccidae):							
<i>Diospyros</i> sp. (persimmon)-----	Japan-----				1	Wash.	
<i>Pyrus pyrifolia</i> (sand pear)-----	do-----				1	Wash.	
<i>Lepidosaphes ficus</i> (Coccidae):							
<i>Ficus carica</i> (fig)-----	Italy-----	1	2	1		Calif.*, D. C., N. Y.	
<i>Lepidosaphes lasianthi</i> (Coccidae):							
<i>Codiaeum</i> sp. (croton)-----	Bahamas, Japan-----			1	2	Fla.*, N. Y., Pa.	
<i>Lepidosaphes philococcus</i> (Coccidae):							
Cactus-----	Mexico-----			2		Tex.	
<i>Myrtillocactus geometrizans</i> (cactus).-----	do-----	2				Tex.	
<i>Myrtillocactus</i> sp. (cactus)-----	do-----		1			D. C.	
<i>Pachycereus marginatus</i> (cactus).-----	do-----	1	1			Calif.*, Tex.	
<i>Pachycereus</i> sp. (cactus)-----	do-----			1		Ariz.	
<i>Lepidosaphes pistaciae</i> (Coccidae):							
<i>Pistacia mutica</i> (terebinth)-----	Greece-----			1		N. Y.	
<i>Lepidosaphes tuberculata</i> (Coccidae):							
<i>Cymbidium insigne</i> (orchid)-----	Australia-----			1		Calif.*	
<i>Cymbidium</i> sp. (orchid)-----	Belgium, Japan-----	3	1			D. C., Wash.	
<i>Leptodictya plana</i> (Tingitidae):							
<i>Bougainvillea</i> sp.-----	Mexico-----			1		Tex.	
<i>Leptostylus testaceus</i> (Cerambycidae):							
<i>Dioscorea</i> sp. (yam)-----	Trinidad-----			1		Mass.	
<i>Leucaspis cockerelli</i> (Coccidae):							
<i>Citrus limonia</i> (lemon)-----	Panama-----				1	Calif.*	
Orchid-----	Australia-----			1		Hawaii.*	
<i>Spathoglottis</i> sp. (orchid)-----	Fiji-----	1				Hawaii.*	
<i>Leucaspis loewi</i> (Coccidae):							
<i>Pinus</i> sp. (pine)-----	Portugal-----		1			N. Y.	
<i>Leucopoeila albofasciata</i> (Miriidae):							
<i>Aster</i> sp.-----	Cuba-----				1	N. Y.	
<i>Lactuca sativa</i> (lettuce)-----	Mexico-----			2		Tex.	
Mixed flowers-----	do-----			2		Tex.	
<i>Solanum melongena</i> (eggplant).-----	do-----	1				Ariz.	
<i>Leucoptera coffeella</i> (Lyonetidae):							
<i>Coffea</i> sp.-----	Colombia-----			1		Fla.*	
<i>Leuronota maculata</i> (Psyllidae):							
<i>Prosopis</i> sp. (mesquite)-----	Mexico-----			1		Tex.	
<i>Ligyrocoris abdominalis</i> (Lygaeidae):							
Orchid-----	Guatemala-----		1			D. C.	
<i>Ligyrocoris nitidicollis</i> (Lygaeidae):							
<i>Tagetes</i> sp. (marigold)-----	Mexico-----			1		Tex.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mall	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Ligyrocoris nitidulus</i> (Lygaeidae): <i>Lycopersicum esculentum</i> (tomato).	Mexico.....			1			Tex.
<i>Ligyrocoris setosus</i> (Lygaeidae): <i>Lactuca sativa</i> (lettuce)	do.....			1			Tex.
<i>Lilloceris lili</i> (Chrysomelidae): <i>Lilium candidum</i> (Madonna lily).	France.....	2					N. Y.
<i>Linedes integra</i> (Pyraustidae): <i>Lycopersicum esculentum</i> (tomato).	Cuba, Mexico.....	7					Ariz., N. Y., Tex.
<i>Liothrips vaneeckei</i> (Thripidae): <i>Lilium candidum</i> (Madonna lily).	France.....	1					N. Y.
<i>Lilium</i> sp. (lily)	England, France, Japan, St. Helena.	5	2			4	D. C., Md., N. Y., Wash.
<i>Liriomyza flaveola</i> (Agromyzidae): <i>Brassica chinensis</i> (white greens).	Cuba.....	1					N. Y.
<i>Lophocateres pusillus</i> (Ostomidae): <i>Allium sativum</i> (garlic)	Mexico.....	1					Tex.
<i>Lorita abornana</i> (Phalonidae): <i>Capsicum annuum</i> (pepper)	do.....			1			Tex.
<i>Lorita abornana chatka</i> (Phalonidae): <i>Capsicum annuum</i>	do.....	81		5			Ariz., Tex.
<i>Lycopersicum esculentum</i> (tomato)	do.....	3					Ariz.
<i>Lygaeus lateralis</i> (Lygaeidae): <i>Cucurbita maxima</i> (squash)	do.....			1			Tex.
<i>Lygaeus pulchellus</i> (Lygaeidae): <i>Capsicum annuum</i> (pepper)	do.....	1					Ariz.
<i>Lygaeus vittiscutis</i> (Lygaeidae): <i>Lactuca sativa</i> (lettuce)	do.....			1			Tex.
<i>Lygus elisus</i> (Miridae): <i>Brassica</i> sp. (mustard)	do.....	1					Tex.
<i>Petunia hybrida</i> (petunia)	do.....			1			Calif.
<i>Lygus sallei</i> (Miridae): <i>Lactuca sativa</i> (lettuce)	do.....			1			Tex.
<i>Macrosteles divinus</i> (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do.....			2			Tex.
<i>Mamurius mopsus</i> (Coreidae): Orchid	do.....	1					Calif.*
<i>Marmara</i> sp., near <i>opuntiaella</i> (Gracilariidae): <i>Capsicum annuum</i> (pepper)	do.....	1					Ariz.
<i>Marmara</i> sp., probably <i>opuntiaella</i> (Gracilariidae): <i>Opuntia compressa</i> (prickly-pear).	do.....			1			Tex.
<i>Marmara</i> sp. (Gracilariidae): Bean	do.....			12			Tex.
<i>Capsicum annuum</i> (pepper)	do.....	15					Ariz.
<i>Citrus aurantifolia</i> (lime)	do.....	1					Tex.
<i>Citrus sinensis</i> (orange)	do.....			1			Ariz.
<i>Opuntia</i> sp.	do.....			1			Tex.
<i>Persea americana</i> (avocado)	do.....	7		564			Tex.
<i>Maruca testulalis</i> (Pyraustidae): <i>Canavalia</i> sp.	Hawaii.....			1			Calif.*
<i>Dioclea violacea</i> (mauna loa lei)	do.....			2			Calif.*
<i>Phaseolus</i> sp. (string bean)	American Virgin Islands, Brazil, Dominican Republic, Haiti, Hawaii, Japan, Puerto Rico.			2		14	Ala., Ga., La., Mass., N. Y., Tex., Wash.
<i>Matigamma rubrosuffusa</i> (Phlaenidae): <i>Solanum melongena</i> (egg-plant).	Mexico.....	1					Ariz.

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INSECTS—continued							
<i>Mecinus circulatus</i> (Curculionidae):							
<i>Ficus</i> sp.	Italy	1				Calif.*	
<i>Megacerus alternatus</i> (Bruchidae):							
<i>Ipomoea</i> sp.	Hawaii			1		Calif.*	
<i>Megalometis chiliensis</i> (Curculionidae):							
<i>Amygdalus persica nectarina</i> (nectarine).	Chile	1				N. Y.	
<i>Megastigmus pistaciae</i> (Callimomidae):							
<i>Pistacia vera</i> (pistache)	Italy	1				N. Y.	
<i>Merodon</i> sp. (Syrphidae):							
<i>Galanthus</i> sp.	Turkey	3				N. Y.	
<i>Hyacinthus orientalis abulus</i> (Roman hyacinth).	do	1				D. C.	
<i>Lycoris</i> sp.	Netherlands	1				D. C.	
<i>Narcissus</i> sp.	do	28				Calif.,* Md., Mass., Pa., Va., Wash.	
<i>Mertila malayensis</i> (Miridae):							
<i>Vanda</i> sp. (orchid)	India	1				D. C.	
<i>Metamasius hemipterus</i> (Curculionidae):							
<i>Ananas sativus</i> (pineapple)	Puerto Rico	1				La.	
<i>Metamasius sericeus</i> (Curculionidae):							
<i>Ananas sativus</i>	Cuba	1				Fla.*	
Banana debris	Honduras, Mexico	3				La., Tex.	
<i>Musa</i> sp. (banana)	Honduras	5				Ala., Md., Tex.	
<i>Metamasius sericeus carbonarius</i> (Curculionidae):							
<i>Musa</i> sp.	Guatemala	2				N. Y., S. C.	
<i>Micrapate scapularis</i> (Bostrichidae):							
Wood	Mexico	1				N. Y.	
<i>Micrelus ericae</i> (Curculionidae):							
<i>Calluna vulgaris</i> (heather)	Scotland			10		Mass., Mich., N. Y., Pa.	
<i>Moneilema opuntiae</i> (Cerambycidae):							
Cactus	Mexico			1		Calif.*	
<i>Monotoma centralis</i> (Monotomidae):							
<i>Cucurbita maxima</i> (squash)	do			1		Tex.	
<i>Moodna bisinuella</i> (Phycitidae):							
<i>Zea mays</i> (corn)	do	1		53		Tex.	
<i>Mordellistena cattlejana</i> (Mordellidae):							
<i>Cattleya gigas</i> (orchid)	Colombia	1				Calif.*	
<i>Cattleya</i> sp. (orchid)	Venezuela	1				D. C.	
Orchid	Colombia	1				D. C.	
<i>Mordellistena chapini</i> (Mordellidae):							
<i>Cattleya</i> sp. (orchid)	do			1		D. C.	
<i>Lycaste skinneri virginialis</i> (orchid).	Mexico	1				Tex.	
<i>Mordellistena</i> sp., probably <i>cattlejana</i> (Mordellidae):							
<i>Cattleya labiata</i> (orchid)	Brazil	1				Calif.*	
<i>Cattleya</i> sp. (orchid)	do	1				D. C.	
<i>Mordellistena</i> sp., near <i>chapini</i> (Mordellidae):							
<i>Cattleya</i> sp. (orchid)	Guatemala	1				D. C.	
<i>Epidendrum</i> sp. (orchid)	do			1		Calif.*	
<i>Mordellistena</i> sp., probably <i>chapini</i> (Mordellidae):							
<i>Cattleya</i> sp. (orchid)	Brazil	1				D. C.	

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INSECTS—continued							
<i>Mordellistena</i> sp. (Mordellidae):							
<i>Cattleya gigas</i> (orchid)	Colombia	3	1	-----	-----	-----	Calif.*
<i>Cattleya skinneri</i> (orchid)	Brazil, Costa Rica	1	2	-----	-----	-----	D. C.
<i>Cattleya trianae</i> (orchid)	Colombia	1	-----	-----	-----	-----	Calif.*
<i>Cattleya warneri</i> (orchid)	Brazil	1	-----	-----	-----	-----	Calif.*
<i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Guatemala, Guatemala	19	2	4	-----	-----	Calif.,* D. C.
<i>Epidendrum citiare</i> (orchid)	Guatemala	1	-----	-----	-----	-----	Calif.*
<i>Epidendrum</i> sp. (orchid)	do	-----	1	-----	-----	-----	Calif.*
<i>Laelia anceps</i> (orchid)	Mexico	-----	1	-----	-----	-----	Calif.*
<i>Laelia crispa</i> (orchid)	Brazil	1	-----	-----	-----	-----	D. C.
<i>Laelia</i> sp. (orchid)	Mexico	-----	1	-----	-----	-----	D. C.
<i>Lycaste skinneri virginialis</i> (orchid)	do	1	-----	-----	-----	-----	Tex.
Orchid	Brazil, Colombia, Guatemala, Mexico	3	-----	1	-----	-----	Calif.,* D. C., La., Tex.
<i>Mormidea collaris</i> (Pentatomidae):							
<i>Cattleya</i> sp. (orchid)	Mexico	-----	-----	1	-----	-----	Tex.
<i>Mormidea cubrosa</i> (Pentatomidae):							
Orchid	do	-----	1	-----	-----	-----	Calif.*
<i>Mormidea pictiventris</i> (Pentatomidae):							
<i>Tillandsia usneoides</i> (Spanish-moss)	do	-----	-----	1	-----	-----	Tex.
<i>Mormidea v-luteum</i> (Pentatomidae):							
<i>Cattleya</i> sp. (orchid)	Brazil	-----	1	-----	-----	-----	D. C.
Orchid	do	-----	1	-----	-----	-----	D. C.
<i>Myelois ceratoniae</i> (Phycitidae):							
<i>Amygdalus communis</i> (almond).	Italy	-----	-----	1	-----	-----	N. Y.
<i>Punica granatum</i> (pomegranate).	Greece, Italy	-----	-----	2	-----	-----	N. Y.
<i>Myelois venipars</i> (Phycitidae):							
<i>Citrus sinensis</i> (orange)	Mexico	-----	-----	1	-----	-----	Tex.
<i>Myelois</i> sp. (Phycitidae):							
<i>Citrus sinensis</i>	do	-----	-----	3	-----	-----	Tex.
<i>Cydonia oblonga</i> (quince)	do	-----	-----	2	-----	-----	Tex.
Mixed fruit	Italy	-----	-----	1	-----	-----	Tex.
<i>Tamarindus indica</i> (tamarind).	Cuba	-----	1	-----	-----	-----	La.
<i>Myelophilus minor</i> (Scolytidae):							
<i>Pinus</i> sp. (pine)	Netherlands	-----	2	-----	-----	-----	N. Y.
<i>Myzus hemerocallis</i> (Aphididae):							
<i>Hemerocallis</i> sp.	China	-----	1	-----	-----	-----	D. C.
<i>Myzus ornatus</i> (Aphididae):							
<i>Chrysanthemum</i> sp.	England	-----	-----	1	-----	-----	N. Y.
<i>Myrtle</i> sp. (myrtle)	do	-----	-----	1	-----	-----	N. Y.
<i>Primula</i> sp.	Scotland	-----	-----	1	-----	-----	D. C.
<i>Ramondia pyrenaica</i>	England	-----	1	-----	-----	-----	Calif.*
<i>Nabis alternata</i> (Nabidae):							
<i>Brassica</i> sp. (mustard)	Mexico	-----	2	-----	-----	-----	Tex.
<i>Lactuca sativa</i> (lettuce)	do	-----	-----	1	-----	-----	Tex.
<i>Nabis angustatus</i> (Nabidae):							
<i>Lactuca sativa</i> (lettuce)	do	-----	-----	1	-----	-----	Tex.
<i>Napomyza lateralis</i> (Agromyzidae):							
<i>Cichorium intybus</i> (witloof)	Belgium	194	-----	-----	-----	-----	N. Y.
<i>Naucles pusio</i> (Mordellidae):							
<i>Phaseolus</i> sp. (string bean)	Mexico	-----	-----	1	-----	-----	Tex.
<i>Posa</i> sp.	do	-----	-----	1	-----	-----	Tex.
<i>Neella generosa</i> (Miridae):							
<i>Agave</i> sp.	do	-----	1	-----	-----	-----	D. C.
<i>Nemopogon granella</i> (Tineidae):							
<i>Allium sativum</i> (garlic)	Chile	-----	1	-----	-----	-----	N. Y.
<i>Neoclytus cacticus</i> (Cerambycidae):							
<i>Guaiacum officinale</i> (lignumvitae).	Guatemala	-----	1	-----	-----	-----	N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).	do	-----	1	-----	-----	-----	N. Y.

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INSECTS—continued							
<i>Nesosteles incisus</i> (Cicadellidae): <i>Gardenia florida</i> (Cape-jasmine)	Mexico	1					Tex.
<i>Neurocolpus mexicanus</i> (Miridae): <i>Zea mays</i> (corn)	do			1			Tex.
<i>Neuroctenus simplex</i> (Aradidae): <i>Prosopis</i> sp. (mesquite)	do	1					Tex.
<i>Nicobium castaneum</i> (Anobiidae): Wood strip on trunk	Italy			1			N. Y.
<i>Nicobium hirtum</i> (Anobiidae): Mixed flowers	Mexico			1			Tex.
<i>Nysius ericae</i> (Lygaeidae): <i>Lactuca sativa</i> (lettuce)	do			1			Ariz.
<i>Nysius monticola</i> (Lygaeidae): <i>Brassica oleracea capitata</i> (cabbage)	do			1			Ariz.
<i>Lactuca sativa</i> Leaf	do			1			Tex. Ariz.
<i>Ochlerus notatulus</i> (Pentatomidae): <i>Odontoglossum crispum</i> (orchid)	Colombia	1					Calif.*
<i>Odonaspis pencillata</i> (Coccidae): <i>Dendrocalamus merrillianus</i>	Philippines	1					D. C.
<i>Oedancala dorsilinea</i> (Lygaeidae): <i>Ananas sativus</i> (pineapple)	Cuba	1					La.
<i>Ogdoecosta biannularis</i> (Chrysomelidae): <i>Mammillaria</i> sp. (cactus)	Mexico	1					Tex.
Moss on orchid plant	do	1					Tex.
Olethreutid: <i>Acer palmatum</i> (Japanese maple)	Japan	1					Wash.
<i>Acer palmatum atropurpureum</i>	do	1					Wash.
<i>Amygdalus persica</i> (peach)	Chile	2					N. Y.
<i>Amygdalus persica nectarina</i> (nectarine)	do	7					N. Y.
<i>Calluna vulgaris</i> (heather)	Scotland		1				Mass.
<i>Chrysanthemum</i> sp.	Mexico			2			Tex.
<i>Citrus sinensis</i> (orange)	Union of South Africa					1	Pa.
<i>Crataegus</i> sp. (haw)	Mexico			1			Tex.
<i>Cupressus</i> sp. (cypress)	Japan					1	Wash.
<i>Dendrobium secundum</i> (orchid)	Thailand		1				Calif.*
<i>Mimosa</i> sp.	Mexico			1			Tex.
Orchid	do	1					Tex.
<i>Phaseolus</i> sp. (string bean)	do			1			Ariz.
<i>Podocarpus macrophylla</i> (yew podocarpus)	Japan	5					Wash.
<i>Prosopis</i> sp. (mesquite)	Mexico	2					Tex.
<i>Prunus domestica</i> (plum)	Chile	2					N. Y.
<i>Rosa</i> sp.	British Columbia		1				Wash.
<i>Tithonia rotundifolia</i> (Mexican sunflower)	Mexico			1			Tex.
<i>Vaccinium</i> sp. (blueberry)	Newfoundland	2					Pa.
<i>Vicia</i> sp. (vetch)	France	1					Ill.
<i>Oliarus concinnulus</i> (Fulgoroidea): Leaf	Mexico			1			Tex.
<i>Oligomerus brunneus</i> (Anobiidae): Wood strip on trunk	Italy			1			N. Y.
<i>Ophiomyia pinguis</i> (Agromyzidae): <i>Cichorium intybus</i> (witloof)	Belgium	81					N. Y.
<i>Orchidophilus aterrimus</i> (Curculionidae): <i>Vanda sanderiana</i> (orchid)	Philippines	1					Calif.*

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Orchidophilus</i> sp. (Curculionidae):							
<i>Cyrtopodium callosum</i> (orchid)	Thailand	1				Calif.*	
<i>Dendrobium superbum</i> (orchid)	Philippines		1			Calif.*	
<i>Eria obesa</i> (orchid)	do.		1			Calif.*	
<i>Phalaenopsis aphrodite</i> (orchid)	do.	1	1			Calif.*, Hawaii.*	
<i>Phalaenopsis schilleriana</i> (orchid)	do.		1			Calif.*	
<i>Orthaea bilobata</i> (Lygaeidae):							
<i>Fragaria</i> sp. (strawberry)	Mexico	1				Tex.	
<i>Orthaea servillei</i> (Lygaeidae):							
<i>Ananas sativus</i> (pineapple)	do.	1				La.	
<i>Orthaea vineta</i> (Lygaeidae):							
Dry medicinal herb	do.			1		Tex.	
<i>Orthezia praelonga</i> (Coccidae):							
<i>Thunbergia</i> sp.	Jamaica			1		D. C.	
<i>Orthotylus virens</i> (Miridae):							
<i>Calluna vulgaris</i> (heather)	Scotland		1			Mich.	
<i>Pachnaeus litus</i> (Curculionidae):							
<i>Brassica chinensis</i> (white greens)	Cuba	1				N. Y.	
<i>Litchi chinensis</i> (lychee)	do.		1			N. Y.	
<i>Pachyzancla periusalis</i> (Pyraustidae):							
<i>Solanum melongena</i> (egg-plant)	do.	1				N. Y.	
<i>Palaeopus costicollis</i> (Curculionidae):							
<i>Capsicum annuum</i> (pepper)	Cuba	1				N. Y.	
<i>Ipomoea batatas</i> (sweetpotato)	Antigua, Jamaica, St. Vincent.			2	1	Mass., N. Y.	
<i>Pantomorus xanthographus</i> (Curculionidae):							
Packing around grapes	Argentina	2				N. Y.	
<i>Paralotodiplosis cattleiae</i> (Cecidomyiidae):							
<i>Brassavola deckeri</i> (orchid)	Calan Zone	1				Hawaii.*	
<i>Parlatoria camelliae</i> (Coccidae):							
<i>Camellia japonica</i> (camellia)	Japan	42	18			Calif.*, Wash.	
<i>Camellia sasanqua</i>	do.	1				Calif.*	
<i>Parlatoria cineria</i> (Coccidae):							
<i>Citrus limonia</i> (lemon)	Trinidad				1	Fla.*	
<i>Citrus sinensis</i> (orange)	Brazil, Palestine				2	Fla.*	
<i>Parlatoria crotonis</i> (Coccidae):							
<i>Codiaeum</i> sp. (croton)	British Honduras, Cuba			2		Fla.*	
<i>Laurus nobilis</i> (Grecian laurel)	Cuba			1		Fla.*	
<i>Parlatoria oleae</i> (Coccidae):							
<i>Malus sylvestris</i> (apple)	Greece, Italy		1	5		N. Y.	
<i>Prunus domestica</i> (plum)	Argentina	2				N. Y.	
<i>Prunus</i> sp. (cherry)	Italy		1			D. C.	
<i>Pyrus communis</i> (pear)	Greece			1		N. Y.	
<i>Sorbus</i> sp.	Italy		1			D. C.	
<i>Parlatoria pseudaspidiotus</i> (Coccidae):							
<i>Vanda lamellata</i> (orchid)	Philippines			1		Calif.*	
<i>Vanda teres</i> (orchid)	Philippines, Straits Settlements, Trinidad.			4		Calif.*, Hawaii,* P. R.	
<i>Vanda</i> sp. (orchid)	Java, Philippines			2	1	Calif.*, Hawaii.*	
<i>Parlatoria theae</i> (Coccidae):							
<i>Acer</i> sp.	Japan		1			D. C.	
<i>Parlatoria ziziphus</i> (Coccidae):							
<i>Citrus grandis</i> (grapefruit)	China, Java, Taiwan				4	Calif.*, Mass.	
<i>Citrus grandis</i> (pomelo)	Java				1	Mass.	
<i>Citrus limonia</i> (lemon)	Italy				1	Calif.*	
<i>Citrus nobilis</i> (delicious tangarine)	do.			1	1	Fla.*, Mass.	
<i>Citrus sinensis</i> (orange)	Italy, Spain				2	Fla.*	
<i>Citrus</i> sp.	Hawaii, Philippines	1		1		Calif.*	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

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INSECTS—continued							
<i>Pectinophora gossypiella</i> (Gelechiidae):							
<i>Gossypium</i> sp. (cottonseed)...	Brazil, Egypt, Italy, Mexico, Puerto Rico (one in tank car).	5	3	4	1	Calif.,* D. C., La., Mass., N. Y., Tex.	
<i>Gossypium</i> sp. (cotton boll)...	Hawaii			1		Calif.*	
<i>Gossypium</i> sp. (seed cotton)...	Brazil, Manchuria, Mexico.	1	1	3		Fla.,* Tex.	
<i>Gossypium</i> sp. (cotton) (unginned).	Manchuria		1			D. C.	
<i>Hibiscus esculentus</i> (okra)....	Mexico			4		Tex.	
<i>Peregrinus maidis</i> (Araeopidae):							
<i>Holcus sorghum</i> (sorghum)....	do			1		Tex.	
<i>Phaedon confinis</i> (Chrysomelidae):							
<i>Ananas bracteatus</i>	Brazil	1				Hawaii.*	
<i>Ananas</i> sp.	do	2				Hawaii.*	
<i>Pseudananas macrodonates</i>	do	1				Hawaii.*	
<i>Phelomerus aberrans</i> (Bruchidae):							
<i>Cassia fistula</i> (golden shower)...	Trinidad		1			D. C.	
<i>Cassia javanica</i>	do		1			D. C.	
<i>Phelomerus germani</i> (Bruchidae):							
<i>Parkinsonia aculeata</i> (Jerusalem thorn).	France		1			D. C.	
<i>Phenacaspis fujicola</i> (Coccidae):							
<i>Wisteria</i> sp.	Japan	1				Wash.	
<i>Phlepsius ulahnus</i> (Cicadellidae):							
Flowers	Mexico			1		Ariz.	
<i>Phlyctinus callosus</i> (Curculionidae):							
<i>Vitis</i> sp. (grape).....	Union of South Africa	1				N. Y.	
<i>Photinus nefarius</i> (Lampyridae):							
<i>Brassica chinensis</i> (white greens).	Cuba	2				N. Y.	
<i>Phyllophaga analis</i> (Scarabaeidae):							
<i>Ananas sativus</i> (pineapple)....	do	1				N. Y.	
<i>Phyllotreta albionica</i> (Chrysomelidae):							
<i>Petroselinum hortense</i> (parsley).	Mexico	1				Tex.	
<i>Phyllotreta undulata</i> (Chrysomelidae):							
<i>Brassica oleracea gemmifera</i> (brussels sprouts).	Netherlands				1	N. Y.	
Forest litter and sphagnum moss.	Denmark	1				N. Y.	
<i>Phyllotretua vittata discedens</i> (Chrysomelidae):							
<i>Benincasa hispida</i> (hairy squash).	Cuba	1				N. Y.	
<i>Brassica chinensis</i> (white greens).	do	21				N. Y.	
<i>Brassica</i> sp. (mustard).....	do	10				N. Y.	
<i>Pisum sativum</i> (pea).....	do	1				N. Y.	
<i>Raphanus sativus</i> (radish)....	do	5				N. Y.	
<i>Physonota attenuata</i> (Chrysomelidae):							
<i>Ananas sativus</i> (pineapple)....	Mexico	1				Tex.	
<i>Phytomyza</i> sp. (Agromyzidae):							
<i>Brassica chinensis</i> (white greens).	Cuba, Netherlands	6			2	N. Y., Pa.	
<i>Brassica oleracea acephala</i> (kale).	Cuba	2				N. Y.	
<i>Brassica oleracea botrytis</i> (cauliflower).	Netherlands				1	N. Y.	
<i>Brassica oleracea capitata</i> (cabbage).	Italy				2	N. Y.	
<i>Brassica rapa</i> (turnip).....	Mexico	3				Tex.	
<i>Brassica</i> sp. (mustard).....	Cuba	6				N. Y.	
<i>Brassica</i> sp.	Japan				2	N. Y.	
<i>Cattleya</i> sp. (orchid).....	Venezuela	1				D. C.	

List of pests collected and reported from July 1, 1939 to June 30, 1940, inclusive—Continued

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		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Phytomyza</i> sp. (Agromizidae)—Continued.							
<i>Chrysanthemum coronarium</i> (garland chrysanthemum).	Japan					2 Pa.	
<i>Pisum sativum</i> (pea)	Cuba	1				N. Y.	
<i>Raphanus sativus</i> (radish)	Mexico	3		3		Tex.	
<i>Senecio cruentus</i> (cineraria)	Japan				3	Wash.	
<i>Pineus colorandensis</i> (Phylloxeridae):							
<i>Pinus contorta</i> (shore pine)	Canada			1		Wash.	
<i>Pinnaspis minor strachani</i> (Coccidae):							
<i>Genipa americana</i> (genip)	Puerto Rico			1		N. Y.	
<i>Hibiscus</i> sp.	Trinidad			1		P. R.	
<i>Zamia</i> sp.	Cuba		1			D. C.	
<i>Pinnaspis minor</i> var. (Coccidae):							
<i>Hura crepitans</i> (sandbox-tree).	Mexico		1			D. C.	
<i>Pinnaspis townsendi</i> (Coccidae):							
<i>Trichoglottis brachiata</i> (orchid)	Philippines	1				Hawaii.*	
<i>Pityogenes chalcographus</i> (Scolytidae):							
<i>Abies</i> sp. (fir)	Norway				1	La.	
<i>Pinus</i> sp. (pine)	Finland, Sweden	2				N. Y.	
<i>Placosternus difficilis</i> (Cerambycidae):							
<i>Prosopis</i> sp. (mesquite)	Mexico			1		Tex.	
<i>Platynota rostrana</i> (Tortricidae):							
<i>Ananas sativus</i> (pineapple)	Cuba	9				La., N. Y.	
<i>Capsicum annuum</i> (pepper)	do	9				La., N. Y.	
<i>Lycopersicum esculentum</i> (tomato).	do	2				La., N. Y.	
<i>Platynota stultana</i> (Tortricidae):							
<i>Begonia</i> sp.	Mexico			2		Ariz.	
<i>Capsicum annuum</i> (pepper)	do	359		36		Ariz., Tex.	
<i>Lactuca sativa</i> (lettuce)	do			1		Tex.	
<i>Lycopersicum esculentum</i> (tomato).	do	14		3		Ariz., Tex.	
<i>Pisum sativum</i> (pea)	do	1				Ariz.	
<i>Portulaca</i> sp. (purslane)	do			1		Tex.	
<i>Platynota</i> sp. (Tortricidae):							
<i>Amygdalus persica nectarina</i> (nectarine).	Chile	3				N. Y.	
<i>Ananas sativus</i> (pineapple)	Cuba	2				La.	
<i>Capsicum annuum</i> (pepper)	Cuba, Mexico	177		18		Ariz., Calif., N. Y., Tex.	
<i>Daucus carota</i> (carrot)	Mexico			1		Tex.	
<i>Lactuca sativa</i> (lettuce)	do			1		Tex.	
<i>Lycopersicum esculentum</i> (tomato).	Cuba, Mexico	13		2		Ariz., La., Tex.	
<i>Momordica balsamina</i> (balsam apple).	Mexico	1				Ariz.	
<i>Prosopis</i> sp. (mesquite)	do			1		Tex.	
<i>Platypus australis</i> (Platypodidae):							
<i>Cryptocarya palmerstonei</i> (Queensland walnut).	Australia	3				N. Y.	
<i>Platypus rugulosus</i> (Platypodidae):							
<i>Anacardium rhinocarpus</i>	Nicaragua	1				N. Y.	
<i>Ananas sativus</i> (pineapple)	Mexico	2				Tex.	
<i>Tabebuia donnell-smithii</i> (primavera).	Guatemala, Honduras, Mexico, Panama, Salvador.	8				La., N. Y.	
<i>Pleurophorus batesi</i> (Scarabaeidae):							
<i>Ananas sativus</i>	Mexico			1		Tex.	
<i>Pinthsis brevigenis</i> (Lygacidae):							
<i>Ficus</i> sp.	Italy	1				Calif.*	
<i>Pogonocherus hispidulus</i> (Cerambycidae):							
<i>Ficus</i> sp.	do	1				Calif.*	
<i>Poliaspis pini</i> (Coccidae):							
<i>Pinus</i> sp. (pine)	Japan				1	Pa.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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INSECTS—continued							
<i>Polychrosis botrana</i> (Olethreutidae):							
<i>Vitis</i> sp. (grape).....	Italy.....			1			N. Y.
<i>Prays endocarpa</i> (Hyponomeutidae):							
<i>Citrus grandis</i> (pomelo).....	Java.....					1	Mass.
<i>Prodena latifascia</i> (Phalaenidae):							
<i>Capsicum annuum</i> (pepper).....	Mexico.....	1					Ariz.
<i>Lycopersicum esculentum</i> (tomato).	do.....	1					Ariz.
<i>Protospulvinaria pyriformis</i> (Coccidae):							
<i>Gardenia florida</i> (Cape-jasmine).	do.....	1					Tex.
<i>Psallus seriatus</i> (Miridae):							
<i>Dahlia</i> sp.....	do.....			1			Tex.
<i>Lathyrus odoratus</i> (sweet pea).....	do.....			1			Ariz.
<i>Pyrus communis</i> (pear).....	do.....			1			Tex.
<i>Zinnia</i> sp.....	do.....			1			Tex.
<i>Pseudaonidia clavigera</i> (Coccidae):							
<i>Allamanda blanchetii</i>	Hawaii.....			1			Calif.*
<i>Hibiscus</i> sp.....	do.....		1	1			Calif.*
<i>Pseudaonidia curculiginis</i> (Coccidae):							
<i>Cymbidium finlaysonianum</i> (orchid).	Philippines.....			2			Calif.*
<i>Grammatophyllum speciosum</i> (orchid)	do.....		1				Calif.*
<i>Pseudaonidia duplex</i> (Coccidae):							
<i>Camellia japonica</i> (camellia).....	Japan.....	1					Wash.
<i>Citrus aurantium</i> (bitter orange).	do.....					1	N. Y.
<i>Citrus nobilis</i> (king orange).....	do.....					1	Calif.*
<i>Citrus nobilis deliciosa</i> (Mandarin orange).	do.....		7				Wash.
<i>Citrus sinensis</i> (orange).....	do.....					5	Calif.* Mass., N. Y.
<i>Citrus sinensis junos</i> (Japanese orange).	do.....					2	Md., Pa.
<i>Diospyros</i> sp. (persimmon).....	do.....					3	N. Y., Wash.
<i>Magnolia conspicua</i> (yulan).....	do.....	1					Wash.
<i>Magnolia</i> sp.....	do.....	1					Wash.
<i>Pseudaonidia paeoniae</i> (Coccidae):							
<i>Azalea</i> sp.....	do.....	1					Wash.
<i>Camellia japonica</i> (camellia).....	do.....	5	2				Calif.* D. C., Wash.
<i>Camellia sasanqua</i>	do.....	1					Calif.*
<i>Camellia</i> sp.....	Italy.....		1				D. C.
<i>Pseudaonidia tesserata</i> (Coccidae):							
<i>Capsicum</i> sp. (ornamental pepper).	Straits Settlements.....			1			Calif.*
<i>Hibiscus</i> sp.....	Hawaii.....			2			Calif.*
<i>Holmskioldia sanguinea</i> (Chinese-hat plant).	Guadeloupe.....			1			D. C.
<i>Pseudaonidia trilobitiformis</i> (Coccidae):							
<i>Citrus grandis</i> (pomelo).....	East Africa, Java.....					2	Mass.
<i>Eugenia cauliflora</i> (jaboticaba)	Brazil.....	1					D. C.
<i>Mangifera indica</i> (mango).....	do.....			1			N. Y.
<i>Sobralia</i> sp. (orchid).....	do.....	1					D. C.
<i>Pseudishnaspis alienus</i> (Coccidae):							
Orchid.....	Guatemala.....	1					Calif.*
<i>Pseudococcus boninsis</i> (Coccidae):							
<i>Saccharum officinarum</i> (sugarcane).	Cuba, Mexico.....			2			Fla.,* Tex.
<i>Pseudococcus citriculus</i> (Coccidae):							
<i>Citrus limonia</i> (lemon).....	Java.....					1	N. Y.
<i>Citrus sinensis</i> (orange).....	Japan.....					1	N. Y.

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INSECTS—continued							
<i>Pseudococcus gahani</i> (Coccidae):							
<i>Mahonia nepalensis</i>	England.....		1				D. C.
<i>Pyrus communis</i> (pear)	Chile.....	1					N. Y.
<i>Pseudococcus kraunhiae</i> (Coccidae):							
<i>Citrus aurantifolia</i> (lime)....	Japan.....					1	Calif.*
<i>Diospyros kaki</i> (kaki persimmon).	do.....					1	Wash.
<i>Pseudococcus lilacinus</i> (Coccidae):							
<i>Citrus grandis</i> (pomelo).....	Java.....					1	Mass.
<i>Dendrobium schuetzei</i> (orchid)	Philippines.....	1					Hawaii.*
<i>Phalaenopsis aphrodite</i> (orchid).	do.....	1					Calif.*
<i>Phalaenopsis cynthia</i> (orchid)	do.....	1					Calif.*
<i>Phalaenopsis schilleriana</i> (orchid).	do.....		1				Calif.*
<i>Pseudoparlatoria ostreata</i> (Coccidae):							
<i>Carica papaya</i> (papaya).....	Cuba.....	1					N. Y.
<i>Psila rosae</i> (Psilidae):							
<i>Daucus carota</i> (carrot).....	England, Finland, France, Ireland, Italy, Mexico, Netherlands, Scotland.			1		14	Mass., N. Y., Tex.
Psychid:							
<i>Ananas sativus</i> (pineapple)...	Mexico.....	3					Tex.
Banana debris.....	do.....	1					Tex.
<i>Camellia japonica</i> (camellia)...	Japan.....	1					Wash.
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	1					D. C.
<i>Chrysanthemum</i> sp.....	Japan.....	1			1		Wash.
<i>Cupressus</i> sp. (cypress).....	do.....				1		Wash.
<i>Euonymus</i> sp.....	do.....				1		Wash.
<i>Lespedeza formosa alba</i>	do.....	1					Wash.
<i>Portulaca</i> sp. (purslane).....	Mexico.....				1		Tex.
<i>Prosopis</i> sp. (mesquite).....	do.....				1		Tex.
<i>Pyrus communis</i> (pear).....	Argentina.....	2					N. Y.
<i>Tamarix gallica</i> (French tamarix).	Mexico.....			1			Tex.
<i>Vitis</i> sp. (grape).....	Argentina.....	1					N. Y.
<i>Psylliodes chrysocephala</i> (Chrysomelidae):							
<i>Brassica oleracea botrytis</i> (broccoli).	Italy.....					2	N. Y.
<i>Brassica oleracea capitata</i> (cabbage).	do.....					1	N. Y.
<i>Brassica rapa</i> (turnip).....	France, Italy, Morocco.					6	Ala., N. Y.
<i>Ptinus japonicus</i> (Ptinidae):							
<i>Corylus americana</i> (hazelnut)...	Canada.....			1			Vt.
<i>Ptochoryctis tsugensis</i> (Xyloryctidae):							
<i>Pinus</i> sp. (pine).....	Japan.....			1			N. Y.
<i>Ptychopoda bonifata</i> (Geometridae):							
<i>Arachis hypogaea</i> (peanut)....	Mexico.....			1			Tex.
Medicinal herb.....	do.....			1			Tex.
<i>Ptychopoda</i> sp. (Geometridae):							
Herb.....	Germany, Mexico.....	2		48			N. Y., Tex.
<i>Laurus nobilis</i> (Grecian laurel).	Mexico.....			1			Tex.
<i>Tagetes florida</i> (marigold)....	do.....	4		26			Tex.
<i>Pulvinaria floccifera</i> (Coccidae):							
<i>Brassica gireoudeana</i> (orchid)...	Costa Rica.....		1				D. C.
<i>Cypripedium</i> sp. (orchid).....	England, India, Trinidad.	2	1				D. C., Wash
<i>Dendrobium</i> sp. (orchid).....	France.....	1					D. C.
<i>Epidendrum myrianthum</i> (orchid).	Costa Rica.....		1				Calif.*
<i>Epidendrum vitellinum</i> (orchid).	Mexico.....		1				Calif.*
<i>Epidendrum</i> sp. (orchid)....	do.....		1				Calif.*

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INSECTS—continued							
<i>Puto barberi</i> (Coccidae):							
<i>Anthurium</i> sp.-----	Trinidad-----	1				P. R.	
Bromeliad-----	do-----		2			D. C.	
<i>Pycnoderes quadrimaculatus</i> (Miridae):							
<i>Brassica chinensis</i> (white greens).-----	Cuba-----	1				N. Y.	
<i>Lactuca sativa</i> (lettuce).-----	Mexico-----			3		Tex.	
<i>Pyrausta nubilalis</i> (Pyraustidae):							
<i>Phaseolus</i> sp. (string bean)-----	Japan-----				3	Wash.	
<i>Pyroderces</i> sp. (Cosmopterygidae):							
<i>Ananas sativus</i> (pineapple)-----	Cuba-----	3				La.	
<i>Zea mays</i> (corn)-----	Mexico-----			1		Tex.	
<i>Pyropus sapphirinus</i> (Curculionidae):							
<i>Brassica</i> sp. (mustard).-----	Cuba-----	1				N. Y.	
<i>Reuteroscopus uidus</i> (Miridae):							
<i>Citrus</i> sp.-----	Puerto Rico-----			1		N. Y.	
<i>Rhagoletis pomonella</i> (Trypetidae):							
<i>Crataegus</i> sp.-----	Mexico-----			9		Ariz., Tex.	
<i>Malus sylvestris</i> (apple).-----	Canada, Mexico-----			1	1	N. Y., Tex.	
<i>Rhagoletis</i> sp. (Trypetidae):							
<i>Crataegus</i> sp.-----	Mexico-----			1		Tex.	
<i>Juglans nigra</i> (black walnut).-----	do-----			3		Ariz., Tex.	
<i>Rhinacloa forticornis</i> (Miridae):							
<i>Celosia</i> sp. (cockscorb).-----	do-----			1		Tex.	
<i>Rhinocola ericae</i> (Psyllidae):							
<i>Calluna vulgaris</i> (heather)-----	Ireland, Scotland-----		3			Mass., Mich.	
<i>Rhipibruchus picturatus</i> (Bruchidae):							
<i>Prosois chilensis</i> .-----	Chile-----		1			Calif.*	
<i>Ribua innoxia</i> (Phycitidae):							
<i>Ananas sativus</i> (pineapple)-----	Cuba-----	18				La., N. Y.	
<i>Ripersia palmarum</i> (Coccidae):							
<i>Cocos nucifera</i> (coconut).-----	Hawaii-----	1				Calif.*	
<i>Scaphytopius irroratus</i> (Cicadellidae):							
<i>Lactuca sativa</i> (lettuce).-----	Mexico-----			2		Tex.	
<i>Sciaphilus muricatus</i> (Curculionidae):							
Forest litter and sphagnum moss.-----	Denmark-----	1				N. Y.	
<i>Scirtothrips prosopis</i> (Thripidae):							
<i>Prosopis</i> sp. (mesquite).-----	Mexico-----			1		Tex.	
<i>Setomorpha insectella</i> (Tineidae):							
<i>Amaryllis</i> sp.-----	St. Kitts-----		1			D. C.	
<i>Dioscorea</i> sp. (yam).-----	Tonga Island-----	1				Hawaii.*	
<i>Gossypium</i> sp. (cottonseed).-----	Mexico-----			1		Tex.	
<i>Lycopersicum esculentum</i> (tomato).-----	do-----	1				Ariz.	
<i>Tagetes florida</i> (marigold).-----	do-----			1		Tex.	
<i>Simulium virgatum</i> (Simuliidae):							
<i>Lactuca sativa</i> (lettuce).-----	do-----			1		Tex.	
<i>Sinoxylon anale</i> (Bostrichidae):							
<i>Derris elliptica</i> (tuba).-----	India-----	1				N. Y.	
<i>Sinoxylon conigerum</i> (Bostrichidae):							
<i>Serjania mexicana</i> (barbascos).-----	Venezuela-----	1				N. Y.	
<i>Sisammes contractus</i> (Lygaeidae):							
<i>Ananas sativus</i> (pineapple).-----	Mexico-----	1				Tex.	
<i>Lycopersicum esculentum</i> (tomato).-----	do-----	1				Ariz.	
<i>Sitona limosa</i> (Curculionidae):							
<i>Cichorium endivia</i> (chicory).-----	Italy-----				1	N. Y.	
<i>Sitona lineata</i> (Curculionidae):							
<i>Brassica chinensis</i> (Chinese cabbage).-----	Netherlands-----				2	Pa.	
<i>Sisonotus areolatus</i> (Miridae):							
<i>Lactuca sativa</i> (lettuce).-----	Mexico-----			3		Tex.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Sphaeridium biguttulatum</i> (Hydrophilidae): Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Spiloglypha</i> sp., possibly <i>setosa</i> (Trypetidae): <i>Rosa spinosissima</i> var.	Canada		1				D. C.
<i>Stenoma anonella</i> (Stenomidae): <i>Annona muricata</i> (soursop)	Dutch Guiana					1	Ala.
<i>Stenoma</i> sp. (Stenomidae): <i>Inga</i> sp.	Mexico			1			Ariz.
<i>Persea americana</i> (avocado)	Ecuador					1	N. Y.
<i>Stephanoderes guatemalensis</i> (Scolytidae): Fern	Mexico			1			Tex.
<i>Stephanoderes hampei</i> (Scolytidae): <i>Coffea</i> sp.	Angola, British East Africa, Brazil, Canada, Dutch East Indies, Java, Tanganyika.	5	1				Minn., N. Y.
<i>Sternonchus mangiferae</i> (Curculionidae): <i>Mangifera indica</i> (mango)	Hawaii			6	2		Calif.*
<i>Strophosoma melanogrammum</i> (Curculionidae): Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Strophosoma rufipes</i> (Curculionidae): Forest litter and sphagnum moss.	do	1					N. Y.
<i>Strymon critola</i> (Lycaenidae): <i>Lycopersicum esculentum</i> (tomato).	Mexico	1					Ariz.
<i>Sylepta silicalis</i> (Pyraustidae): <i>Gardenia florida</i> (Cape-jasmine).	do			1			Tex.
<i>Systema basalis</i> (Chrysomelidae): <i>Brassica chinensis</i> (white greens).	Cuba	2					N. Y.
<i>Brassica</i> sp. (mustard)	do	1					N. Y.
<i>Capsicum annuum</i> (pepper)	do	1					N. Y.
<i>Taeniothrips atratus</i> (Thripidae): <i>Calluna vulgaris</i> (heather)	England, Scotland		14				Ill., Mass., Mich. Minn., N. Y. Wash.
<i>Lavandula</i> sp. (lavender)	Canada		1				
<i>Taeniothrips ericae</i> (Thripidae): <i>Calluna vulgaris</i> (heather)	Germany, Scotland		2	2			Ill., N. Y.
<i>Taeniothrips fumosa</i> (Thripidae): <i>Ornithogalum thyrsoides</i> (chinkerichee).	Union of South Africa		3				N. Y.
<i>Taeniothrips hawaiiensis</i> (Thripidae): <i>Dioclea violacea</i> (mauna loa)	Hawaii			1			Calif.*
<i>Taeniothrips simplex</i> (Thripidae): <i>Aster</i> sp.	Mexico	1					Tex.
<i>Camellia japonica</i> (camellia)	do	1					Tex.
<i>Dianthus</i> sp. (carnation)	Guatemala, Honduras, Mexico.			5	1		La., Tex.
<i>Gladiolus</i> sp.	Australia, Canal Zone, Chile, Cuba, Guatemala, Jamaica, Mexico, New Zealand, Panama, Peru, Puerto Rico.	4	4	18	1		Calif.,* D. C., Md., N. Y. Tex.
<i>Gypsophila paniculata</i> (babysbreath).	Mexico	1					Tex.
<i>Iris</i> sp.	Bermuda			1			Va.
Mixed flowers	Guatemala, Mexico			3			Tex.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mall	Baggage	Quarters	Stores	
INSECTS—continued							
<i>Taeniothrips simplex</i> (Thripidae)—Continued.							
Orchid	Mexico	2		1		Tex.	
<i>Ornithogalum thyrsoides</i> (chinkerlichee).	Union of South Africa		1			Hawaii.*	
<i>Taeniothrips xanthius</i> (Thripidae):							
<i>Dendrobium formosum</i> (orchid).	Japan		2			Hawaii.*	
<i>Taphropeltus contractus</i> (Lygaeidae):							
Packing around rose cuttings.	France		1			D. C.	
<i>Tapinoma melanocephalum</i> (Formicidae):							
<i>Coula</i> sp.	Panama	1				Tex.	
<i>Targionia bromeliae</i> (Coccidae):							
<i>Ananas sativus</i> (pineapple)	Azores, Cuba	2	1			Fla.,* Mass., N. Y.	
<i>Targionia hartii</i> (Coccidae):							
<i>Dioscorea</i> sp. (yam)	American Virgin Islands, Antigua, Barbados, Cuba, St. Vincent, Trinidad.			7	1	Fla.,* Mass., N. Y., P. R.	
<i>Targionia sacchari</i> (Coccidae):							
<i>Sacharum officinarum</i> (sugarcane).	Antigua, Cuba, Guatemala.			2	1	Fla.,* Mass., N. Y.	
<i>Teleonemia nigrina</i> (Tingitidae):							
<i>Antirrhinum majus</i> (snapdragon).	Mexico			1		Tex.	
<i>Teleonemia sorupulosa</i> (Tingitidae):							
<i>Gladiolus</i> sp.	do			1		Tex.	
<i>Temnochila metallica</i> (Ostomidae):							
<i>Ananas sativus</i> (pineapple)	do	1				Tex.	
<i>Tentherocis bicolor</i> (Miridae):							
<i>Cattleya gaskelliana</i> (orchid)	Venezuela			1		N. Y.	
<i>Cattleya gigas</i> (orchid)	Colombia	1				Calif.*	
<i>Cattleya skinneri</i> (orchid)	Venezuela			1		N. Y.	
<i>Cattleya</i> sp. (orchid)	do	4				D. C.	
Orchid	Honduras, Trinidad, Venezuela.	5		2		D. C., N. Y., P. R.	
<i>Termes panamensis</i> (Termitidae):							
<i>Swietenia mahogany</i> (mahogany).	Honduras	1				N. Y.	
<i>Tesserocerus dejeani</i> (Platypodidae):							
<i>Tabebuia donnell-smithii</i> (primavera).	Guatemala, Honduras	2				La., N. Y.	
<i>Tetraleurodes acaciae</i> (Aleyrodidae):							
<i>Sophora secundiflora</i> (mescal bean).	Mexico			1		Tex.	
<i>Tetraleurodes ursorum</i> (Aleyrodidae):							
<i>Epigaea repens</i> (trailing arbutus).	Prince Edward Island		1			Mass.	
<i>Tetyra pinguis</i> (Pentatomidae):							
<i>Cattleya</i> sp. (orchid)	Brazil	1				Calif.*	
<i>Thrips angusticeps</i> (Thripidae):							
<i>Brassica oleracea botrytis</i> (cauliflower).	Greece				1	N. Y.	
<i>Lactuca sativa</i> (lettuce)	Italy				1	N. Y.	
<i>Lactuca sativa longifolia</i> (Romaine lettuce).	France, Italy				3	N. Y.	
<i>Thyreocoris scarabaeoides</i> (Cydnidae):							
Forest litter and sphagnum moss.	Denmark	1				N. Y.	
Tineid:							
<i>Allium sativum</i> (garlic)	Chile, Italy	1			1	N. Y., Tex.	
<i>Ananas sativus</i> (pineapple)	Mexico	2				Tex.	
<i>Carica papaya</i> (papaya)	Cuba, Dominican Republic, Jamaica, Mexico.	2			3	Ariz., N. Y.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mall	Baggage	Quarters	Stores	
INSECTS—continued							
Tineid—Continued.							
<i>Cattleya</i> sp. (orchid).....	Colombia, Venezuela.....	3	1				D. C.
<i>Crocus</i> sp.	Netherlands.....	1					N. Y.
Galls on flower stem.....	Mexico.....			1			Tex.
Herb.....	Bermuda.....		1				Mass.
<i>Hyacinthus</i> sp.	Turkey.....	1					D. C.
<i>Laelia</i> sp. (orchid).....	Mexico.....	1					Tex.
Leaf, unknown.....	Guatemala.....	1					Mass.
Orchid.....	Trinidad.....		1				D. C.
<i>Ricinus communis</i> (castor bean).	Puerto Rico.....			1			N. Y.
Soil around chrysanthemum plant.	Mexico.....			1			Ariz.
<i>Tabebuia donnell-smithii</i> (primavera).	Honduras.....	1					La.
<i>Tulipa</i> sp.	Netherlands.....	1					Mass.
<i>Zea mays</i> (corn).....	Mexico.....			1			Tex.
Tortricid:							
<i>Amygdalus persica nectarina</i> (nectarine).	Chile.....	1					N. Y.
<i>Beta vulgaris cicla</i> (Swiss chard).	Mexico.....	1					Tex.
<i>Calluna vulgaris</i> (heather)	Scotland.....		1				Mass.
<i>Capicum annuum</i> (pepper)...	Cuba, Mexico.....	36		21			Ariz., N. Y., Tex.
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	1					D. C.
<i>Cephalocereus senilis</i> (old-man cactus).	Mexico.....	1					Tex.
<i>Chrysanthemum</i> sp.	Japan, Mexico.....			2	1		Tex., Wash.
<i>Citrus aurantifolia</i> (lime)....	Mexico.....	1					Tex.
<i>Citrus nobilis deliciosa</i> (Mandarin orange).	Japan.....	1					Wash.
Cut flowers.....	Mexico.....	1					Tex.
<i>Gardenia florida</i> (Cape-jasmine).	do.....	2					Tex.
<i>Ilex</i> sp. (holly).....	Canada.....		1				N. Y.
<i>Juniperus</i> sp. (juniper).....	Japan.....				1		Wash.
<i>Lactuca sativa</i> (lettuce).....	Mexico.....			1			Tex.
<i>Lilium longiflorum</i> (Easter lily).	do.....	1					Tex.
<i>Liriope graminifolia</i>	Japan.....				1		N. Y.
<i>Lycopersicum esculentum</i> (tomato).	Mexico.....	5		2			Ariz., Calif., Tex.
<i>Magnolia watsonii</i>	Canada.....	1					Wash.
<i>Malus sylvestris</i> (apple).....	Mexico.....			1			Tex.
<i>Myrica</i> sp.	Scotland.....		1				N. Y.
<i>Phaseolus</i> sp. (string bean)...	Mexico.....	1		1			Ariz.
<i>Polygonum tuberosum</i>	do.....	1		1			Tex.
<i>Prunus domestica</i> (plum).....	Canada.....			1			Wash.
<i>Prunus</i> sp.	Switzerland.....	1		1			D. C.
<i>Quercus aliena</i> (Oriental white oak).	England.....	1					D. C.
<i>Quercus texana</i>	do.....	1					D. C.
<i>Rosa</i> sp.	Mexico, Panama.....			1			N. Y.
<i>Sechium edule</i> (chayote).....	Mexico.....			1			Ariz.
<i>Solanum melongena</i> (egg-plant).	do.....	1		1			Ariz.
<i>Tagetes</i> sp. (marigold).....	do.....			1			Tex.
<i>Vaccinium</i> sp. (blueberry)....	Newfoundland.....	1					Pa.
<i>Torotrypana curvicauda</i> (Trypetidae):							
In bag containing papaya fruit.	Puerto Rico.....			1			N. Y.
<i>Trachyploeus aristatus</i> (Curculionidae):							
Forest litter and sphagnum moss.	Denmark.....	1					N. Y.
<i>Trapezonotus arenarius</i> (Lygaeidae):							
Forest litter and sphagnum moss.	do.....	1					N. Y.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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INSECTS—continued							
<i>Traxus fulvus</i> (Fulgoridae): <i>Prosopis</i> sp. (mesquite)	Mexico			1			Tex.
<i>Trialerodes varia</i> (Aleyrodidae): <i>Datura</i> sp.	do	1					Tex.
<i>Trionymus peregrinus</i> (Coccidae): <i>Amaryllis</i> sp.	Netherlands	1					D. C.
<i>Trionymus sacchari</i> (Coccidae): <i>Saccharum officinarum</i> (sugarcane).	Hawaii, Martinique, Mexico.			3			Calif.* N. Y., Tex.
<i>Trioza alacris</i> (Psyllidae): <i>Laurus nobilis</i> (Grecian laurel).	England, Italy				2		Mass., N. Y.
<i>Trogozyton prostomoides</i> (Lyctidae): Herb.	Mexico			1			Tex.
<i>Troilus luridus</i> (Pentatomidae): Forest litter and sphagnum moss.	Denmark	1					N. Y.
<i>Tropistethus fasciatus</i> (Lygaeidae): <i>Ficus</i> sp.	Italy	1					Calif.*
Trypetid: <i>Amygdalus persica</i> (peach) Cut flowers	Union of South Africa Mexico					1	Mass. Tex.
<i>Lonicera</i> sp.	Sweden		1				D. C.
<i>Prunus domestica</i> (plum)	Union of South Africa					1	Mass.
Unidentified rhizome	Switzerland	1					Ill.
Unidentified seed pod	Mexico			1			Tex.
<i>Wisteria</i> sp.	Japan	1					Wash.
<i>Zinnia</i> sp.	Mexico			1			Tex.
<i>Tylococcus giffardi</i> (Coccidae): <i>Pandanus</i> sp.	American Samoa			1			Hawaii.*
<i>Ulopa reticulata</i> (Cicadellidae): <i>Calluna vulgaris</i> (heather)	Scotland		1				Mich.
<i>Vanduzee laeta segmentata</i> (Membracidae): <i>Dianthus</i> sp. (carnation)	Mexico			1			Tex.
<i>Prosopis</i> sp. (mesquite)	do			1			Tex.
<i>Vatissus diversus</i> (Lygaeidae): Orchid.	Guatemala	1					D. C.
<i>Vilga mexicana</i> (Coreidae): Orchid.	Mexico	1					D. C.
<i>Vinsonia stellifera</i> (Coccidae): <i>Achras sapota</i> (sapidilla)	Cuba			1			Fla.*
<i>Catasetum</i> sp. (orchid)	Venezuela			1			D. C.
<i>Lycaste</i> sp. (orchid)	South America	1					Calif.*
<i>Mangifera indica</i> (mango)	Cuba, Dominican Republic.			2			N. Y.
Orchid.	Dominican Republic, Trinidad.	1	2				D. C., P. R.
<i>Stanhopea graveolens</i> (orchid).	Trinidad			1			P. R.
<i>Xyleborus affinis</i> (Scolytidae): <i>Ananas sativus</i> (pineapple)	Mexico	1					Tex.
<i>Tabebuia donnell-smithii</i> (primavera).	Guatemala, Mexico	2					N. Y.
<i>Xyleborus confusus</i> (Scolytidae): <i>Lycopersicum esculentum</i> (tomato).	Mexico	1					Ariz.
<i>Ochroma lagopus</i> (balsa)	Ecuador	1					N. Y.
<i>Solanum melongena</i> (eggplant).	Cuba	1					N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).	Mexico	3					N. Y.
<i>Xyleborus fuscatus</i> (Scolytidae): <i>Guaiacum officinale</i> (lignumvitae).	Nicaragua	1					N. Y.
Log	Dutch West Indies	1					N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).	Guatemala, Mexico	2					N. Y.

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INSECTS—continued							
<i>Xyleborus kraatzi</i> (Scolytidae): <i>Cryptocarya palmerstoni</i> (Queensland walnut).	Australia.....	1					N. Y.
<i>Xyleborus propinquus</i> (Scolytidae): <i>Anacardium rhincarpus</i>	Nicaragua.....	1					N. Y.
<i>Cedrela odorata</i> (cigarbox-cedar).	do.....	1					N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).	Guatemala, Salvador	4					N. Y.
<i>Xyleborus torquatus</i> (Scolytidae): <i>Tabebuia donnell-smithii</i>	Mexico.....	1					N. Y.
<i>Zabrotes subfasciatus</i> (Bruchidae): <i>Ananas sativus</i> (pineapple).....	do.....	3		10			Tex. Ariz.
<i>Antirrhinum majus</i> (snapdragon).	do.....			1			
Bean.....	Cuba, Mexico.....		1	58			D. C., Tex.
<i>Capsicum annuum</i> (pepper).	Mexico.....	1					Ariz.
<i>Chrysanthemum</i> sp.....	do.....			4			Tex.
<i>Physalis</i> sp. (husk tomato).....	do.....			2			Tex.
<i>Pisum sativum</i> (pea).....	do.....			1			Tex.
<i>Tagetes</i> sp. (marigold).....	do.....			1			Tex.
<i>Vigna sinensis</i> (cow pea).....	Brazil.....	1					N. Y.
<i>Zophobas morio</i> (Tenebrionidae): <i>Cattleya</i> sp. (orchid).....	Colombia, Venezuela.....	4					D. C.

Hosts and insects

ABIES:
Pityogenes chalcographus (Coleoptera).
ACACIA:
Acanthoscelides dominicanus (Coleoptera).
Acanthoscelides spinipes (Coleoptera).
ACER:
Olethreutid (Lepidoptera).
Parlatoria theae (Homoptera).
ACHRAS:
Anastrepha serpentina (Diptera).
Anastrepha sp. (Diptera).
Conotrachelus sp. (Coleoptera).
Vinsonia stellifera (Homoptera).
AGAVE:
Neella generosa (Hemiptera).
AGLAONEMA:
Endrosis lacteella (Lepidoptera).
ALLAMANDA:
Pseudaonidia clarigera (Homoptera).
ALLIUM CEPA:
Eumerus sp. (Diptera).
Frankliniella williamsi (Thysanoptera).
ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera).
Agromyza sp. (Diptera).
ALLIUM SATIVUM:
Lophocateres pusillus (Coleoptera).
Nemopogon granella (Lepidoptera).
Tineid (Lepidoptera).
ALOPECURUS:
Agromyza sp. (Diptera).
AMARYLLIS:
Setomorpha insectella (Lepidoptera).
Trionymus peregrinus (Homoptera).
AMYGDALUS COMMUNIS:
Myelois ceratoniae (Lepidoptera).
AMYGDALUS PERSICA:
Anastrepha fraterculus (Diptera).
Anastrepha ludens (Diptera).
Anastrepha sp. (Diptera).

AMYGDALUS PERSICA—Continued.
Conotrachelus sp., possibly *neuuphar* (Coleoptera).
Grapholitha sp., probably *molestus* (Lepidoptera).
Grapholitha sp. (Lepidoptera).
Olethreutid (Lepidoptera).
Trypetid (Diptera).
AMYGDALUS PERSICA NECTARINA:
Megalometis chiliensis (Coleoptera).
Olethreutid (Lepidoptera).
Platynota sp. (Lepidoptera).
Tortricid (Lepidoptera).
ANACARDIUM:
Conotrachelus sp. (Coleoptera).
Platypus rugulosus (Coleoptera).
Xyleborus propinquus (Coleoptera).
ANANAS:
Alpheias conspirata (Lepidoptera).
Alpheias sp. (Lepidoptera).
Draeculacaphala portola (Homoptera).
Metamasius hemipterus (Coleoptera).
Metamasius sericeus (Coleoptera).
Oedancala dorsilinea (Hemiptera).
Orthaea servillei (Hemiptera).
Phaedon confinis (Coleoptera).
Phyllophaga analis (Coleoptera).
Physonota attenuata (Coleoptera).
Platynota rostrana (Lepidoptera).
Platynota sp. (Lepidoptera).
Platypus rugulosus (Coleoptera).
Pleurophorus batesi (Coleoptera).
Psychid (Lepidoptera).
Pyroderces sp. (Lepidoptera).
Ribua innoxia (Lepidoptera).
Sisamnes contractus (Hemiptera).
Targionia bromeliae (Homoptera).
Temnochila metallica (Coleoptera).
Tineid (Lepidoptera).
Xyleborus affinis (Coleoptera).
Zabrotes subfasciatus (Coleoptera).

Hosts and insects—Continued

- ANDROPOGON:**
Chilo sp. (Lepidoptera).
- ANNONA:**
Aspidiotus herculeanus (Homoptera).
Stenomoma anomella (Lepidoptera).
- ANTHURIUM:**
Anaphothrips orchidii (Thysanoptera).
Ceroplastes rubens (Homoptera).
Puto barberi (Homoptera).
- ANTIRRHINUM:**
Allocoris incognita (Hemiptera).
Allocoris interrupta (Hemiptera).
Autographa sp. (Lepidoptera).
Corizus sidae (Hemiptera).
Cyrtopeltis tenuis (Hemiptera).
Frankliniella fortissima (Thysanoptera).
Frankliniella insularis (Thysanoptera).
Hapllothrips gowdeyi (Thysanoptera).
Kurtomathrips sp., close to *morrilli* (Thysanoptera).
Teleonemia nigrina (Hemiptera).
Zabrotes subfasciatus (Coleoptera).
- APIUM:**
Agromyza sp. (Diptera).
Autographa sp. (Lepidoptera).
- ARACHIS:**
Ptychopoda bonifata (Lepidoptera).
- AREGELIA:**
Gymnaspis aechmeae (Homoptera).
- ASTER:**
Hapllothrips gowdeyi (Thysanoptera).
Leucopocelia albifasciata (Hemiptera).
Taeniothrips simplex (Thysanoptera).
- ASTILBE:**
Brachyrhinus sp. (Coleoptera).
- AZALEA:**
Amphorophora azaleae (Homoptera).
Brachyrhinus porcatus (Coleoptera).
Frankliniella tenuicornis (Thysanoptera).
Hapllothrips subtilissimus (Thysanoptera).
Pseudoaonidia paeoniae (Homoptera).
- BANANA DEBRIS:**
Metamasius sericeus (Coleoptera).
Psychid (Lepidoptera).
- BEAN:**
Callosobruchus chinensis (Coleoptera).
Marmara sp. (Lepidoptera).
Zabrotes subfasciatus (Coleoptera).
- BEGONIA:**
Platynota stultana (Lepidoptera).
- BENINCASA:**
Diaphania sp. (Lepidoptera).
Phyllotreta vittata discedens (Coleoptera).
- BETA VULGARIS:**
Drasteria cribratus (Coleoptera).
Empoasca solana (Homoptera).
- BETA VULGARIS CICLA:**
Autographa sp. (Lepidoptera).
Empoasca solana (Homoptera).
Tortricid (Lepidoptera).
- BISMARCKIA:**
Haliomococcus lampas (Homoptera).
- BOLUSANTHUS:**
Caryedon sp. (Coleoptera).
- BOUGAINVILLEA:**
Leptodictya plana (Hemiptera).
- BRASSAVOLA**—See Orchidaceae.
- BRASSIA**—See Orchidaceae.
- BRASSICA CAMPESTRIS:**
Ceutorhynchus sp. (Coleoptera).
- BRASSICA CHINENSIS:**
Agromyza sp. (Diptera).
Ascia monuste (Lepidoptera).
Autographa sp. (Lepidoptera).
Cymoninus notabilis (Hemiptera).
Cyrtopeltis tenuis (Hemiptera).
Epilachna varivestis (Coleoptera).
Frankliniella vespiformis (Thysanoptera).
Hellula phidilealis (Lepidoptera).
Hercothrips phaseoli (Thysanoptera).
Hortensia similis (Homoptera).
Liriomyza flaveola (Diptera).
Pachnaeus litus (Coleoptera).
Photinus nefarius (Coleoptera).
Phyllotreta vittata discedens (Coleoptera).
Phytomyza sp. (Diptera).
Pycnoderes quadrimaculatus (Hemiptera).
Sitona lineata (Coleoptera).
- BRASSICA CHINENSIS**—Continued.
Systena basalis (Coleoptera).
- BRASSICA OLERACEA ACEPHALA:**
Phytomyza sp. (Diptera).
- BRASSICA OLERACEA BOTRYTIS:**
Agromyza sp. (Diptera).
Autographa sp. (Lepidoptera).
Barathra brassicae (Lepidoptera).
Ceutorhynchus quadridens (Coleoptera).
Ceutorhynchus sp. (Coleoptera).
Phytomyza sp. (Diptera).
Psylliodes chrysocephala (Coleoptera).
Thrips angusticeps (Thysanoptera).
- BRASSICA OLERACEA CAPITATA:**
Acmaeodera tubulus (Coleoptera).
Agromyza sp. (Diptera).
Autographa sp. (Lepidoptera).
Barathra brassicae (Lepidoptera).
Ceutorhynchus sp., possibly *rapae* (Coleoptera).
Ceutorhynchus sp. (Coleoptera).
Forficula auricularia (Orthoptera).
Ischnorhynchus ericae (Hemiptera).
Nysius monticola (Hemiptera).
Phytomyza sp. (Diptera).
Psylliodes chrysocephala (Coleoptera).
- BRASSICA OLERACEA GEMMIFERA:**
Phyllotreta undulata (Coleoptera).
- BRASSICA RAPA:**
Agromyza sp. (Diptera).
Autographa sp. (Lepidoptera).
Ceutorhynchus pleurostigma (Coleoptera).
Ceutorhynchus sp. (Coleoptera).
Hellula undalis (Lepidoptera).
Phytomyza sp. (Diptera).
Psylliodes chrysocephala (Coleoptera).
- BRASSICA SP. (mustard):**
Agromyza sp. (Diptera).
Ascia monuste (Lepidoptera).
Autographa sp. (Lepidoptera).
Cyrtopeltis tenuis (Hemiptera).
Diaphania sp. (Lepidoptera).
Dikraneura cockerelli (Homoptera).
Epilachna varivestis (Coleoptera).
Frankliniella vespiformis (Thysanoptera).
Hellula phidilealis (Lepidoptera).
Lygus elisus (Hemiptera).
Nabis alternata (Hemiptera).
Phyllotreta vittata discedens (Coleoptera).
Phytomyza sp. (Diptera).
Pyropus sapphirinus (Coleoptera).
Systena basalis (Coleoptera).
- BRASSICA SP.**
Phytomyza sp. (Diptera).
- BROMELIAD:**
Castnia sp. (Lepidoptera).
Puto barberi (Homoptera).
- BROWNEA:**
Dercynus micronyx (Coleoptera).
- BRYOPHYLLUM:**
Coccus viridis (Homoptera).
Hoplandrothrips zanthopoides (Thysanoptera).
- CACTACEAE:**
Ceratitis capitata (Diptera).
Gerstaeckeria mutilaria (Coleoptera).
Lepidosaphes philococcus (Homoptera).
Marmara sp., probably *opuntiae* (Lepidoptera).
Marmara sp. (Lepidoptera).
Monilema opuntiae (Coleoptera).
Ogdocoesta biannularis (Coleoptera).
Tortricid (Lepidoptera).
- CAESALPINIA:**
Acanthoscelides dominicanus (Coleoptera).
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera).
Callosobruchus chinensis (Coleoptera).
- CALENDULA:**
Frankliniella cephalica (Thysanoptera).
- CALLUNA:**
Forficula auricularia (Orthoptera).
Gelechia ericetella (Lepidoptera).
Micrelius ericae (Coleoptera).
Olethreutid (Lepidoptera).
Orthotylus virens (Hemiptera).
Rhinocola ericae (Homoptera).
Taeniothrips atratus (Thysanoptera).
Taeniothrips ericae (Thysanoptera).
Tortricid (Lepidoptera).
Ulopa reticulata (Homoptera).

Hosts and insects—Continued

- CAMELLIA:**
Anaphothrips orchidaceus (Thysanoptera).
Aspidiotus destructor (Homoptera).
Ceroplastes rubens (Homoptera).
Chrysomphalus dictyospermi var. (Homoptera).
Lepidosaphes camelliae (Homoptera).
Parlatoria camelliae (Homoptera).
Pseudoaonia duplex (Homoptera).
Pseudoaonia paeoniae (Homoptera).
Psychid (Lepidoptera).
Taeniothrips simplex (Thysanoptera).
- CANAVALIA:**
Cosmolyce boeticus (Lepidoptera).
Maruca testulalis (Lepidoptera).
- CAPSICUM:**
Agromyza sp. (Diptera).
Arvelius albopunctatus (Hemiptera).
Ataenius terminalis (Coleoptera).
Autographa sp. (Lepidoptera).
Ceratitidis capitata (Diptera).
Ezptochiamera oblonga (Hemiptera).
Faustinus cubae (Coleoptera).
Franklinothrips vespiformis (Thysanoptera).
Gnorimoschema gudmanella (Lepidoptera).
Keiferia lycopersicella (Lepidoptera).
Lorita abornana (Lepidoptera).
Lygaeus pulchellus (Hemiptera).
Marmara sp., near *opuntiella* (Lepidoptera).
Marmara sp. (Lepidoptera).
Palaeopus costicollis (Coleoptera).
Platynota rostrana (Lepidoptera).
Platynota stultana (Lepidoptera).
Platynota sp. (Lepidoptera).
Prodenia latifascia (Lepidoptera).
Pseudoaonia tessera (Homoptera).
Systema basalis (Coleoptera).
Tortricid (Lepidoptera).
Zabrotes subfasciatus (Coleoptera).
- CARICA:**
Aspidiotus destructor (Homoptera).
Pseudoparlatoria ostreata (Homoptera).
Tineid (Lepidoptera).
- CASIMIROA:**
Anastrepha ludens (Diptera).
- CASSIA:**
Amblycerus nigromarginatus (Coleoptera).
Phelomerus aberrans (Coleoptera).
- CASTANEA:**
Curculio sp. (Coleoptera).
Laspeyresia splendana (Lepidoptera).
- CATASETUM**—See Orchidaceae.
- CATTLEYA**—See Orchidaceae.
- CEDRELA:**
Xyleborus propinquus (Coleoptera).
- CEDRUS:**
Hypsipyla grandella (Lepidoptera).
- CELOSIA:**
Haplothrips gowdeyi (Thysanoptera).
Rhinacloa forticornis (Hemiptera).
- CENTAUREA:**
Frankliniella williamsi (Thysanoptera).
- CEPHALOCEREUS**—See Cactaceae.
- CHENOPODIUM:**
Delphacodes campestris (Homoptera).
- CHRYSANTHEMUM:**
Acolothrips duvali (Thysanoptera).
Bythoscopus misellus (Homoptera).
Ceratocapsus punctulatus (Hemiptera).
Frankliniella cephalica (Thysanoptera).
Frankliniella fortissima (Thysanoptera).
Frankliniella insularis (Thysanoptera).
Frankliniella williamsi (Thysanoptera).
Haplothrips gowdeyi (Thysanoptera).
Homoeosoma electellum (Lepidoptera).
Myzus ornatus (Homoptera).
Olethreutid (Lepidoptera).
Phytomyza sp. (Diptera).
Psychid (Lepidoptera).
Tortricid (Lepidoptera).
Zabrotes subfasciatus (Coleoptera).
- CHRYSOPHYLLUM:**
Aastrepha sp., probably *serpentina* (Diptera).
Anastrepha sp. (Diptera).
- CICER:**
Callosobruchus analis (Coleoptera).
- CICHORIUM:**
Agromyza pinguis (Diptera).
Creontiades pallidus (Hemiptera).
Napomyza lateralis (Diptera).
Sitona limosa (Coleoptera).
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera).
Aonidiella comperi (Homoptera).
Marmara sp. (Lepidoptera).
Pseudococcus kraunhiae (Homoptera).
Tortricid (Lepidoptera).
- CITRUS AURANTIUM:**
Anastrepha ludens (Diptera).
Ceratitidis capitata (Diptera).
Pseudoaonia duplex (Homoptera).
- CITRUS GRANDIS:**
Anastrepha ludens (Diptera).
Anastrepha sp., probably *fraterculus* (Diptera).
Anastrepha sp. (Diptera).
Ceratitidis sp. (Diptera).
Chrysomphalus personatus (Homoptera).
Parlatoria ziziphus (Homoptera).
Prays endocarpa (Lepidoptera).
Pseudoaonia trilobitiformis (Homoptera).
Pseudococcus lilacinus (Homoptera).
- CITRUS LIMETTA:**
Aleurocanthus woglumi (Homoptera).
Anastrepha ludens (Diptera).
- CITRUS LIMONIA:**
Aleurocanthus woglumi (Homoptera).
Chrysomphalus personatus (Homoptera).
Leucaspis cockerelli (Homoptera).
Parlatoria cinerea (Homoptera).
Parlatoria ziziphus (Homoptera).
Pseudococcus citriculus (Homoptera).
- CITRUS LIMONIA PONDEROSA:**
Anastrepha ludens (Diptera).
- CITRUS NOBILIS:**
Chionaspis yanonensis (Homoptera).
Pseudoaonia duplex (Homoptera).
- CITRUS NOBILIS DELICIOSA:**
Anastrepha ludens (Diptera).
Ceratitidis capitata (Diptera).
Chionaspis yanonensis (Homoptera).
Parlatoria ziziphus (Homoptera).
Pseudoaonia duplex (Homoptera).
Tortricid (Lepidoptera).
- CITRUS SINENSIS:**
Aleurocanthus woglumi (Homoptera).
Anastrepha ludens (Diptera).
Anastrepha serpentina (Diptera).
Anastrepha sp. (Diptera).
Ceratitidis capitata (Diptera).
Chionaspis yanonensis (Homoptera).
Chrysomphalus personatus (Homoptera).
Coccus viridis (Homoptera).
Eumecosomyia nubila (Diptera).
Marmara sp. (Lepidoptera).
Myelois venipars (Lepidoptera).
Myelois sp. (Lepidoptera).
Olethreutid (Lepidoptera).
Parlatoria cinerea (Homoptera).
Parlatoria ziziphus (Homoptera).
Pseudoaonia duplex (Homoptera).
Pseudococcus citriculus (Homoptera).
- CITRUS SINENSIS JUNOS:**
Pseudoaonia duplex (Homoptera).
- CITRUS SP.:**
Parlatoria ziziphus (Homoptera).
Reuteroscopus uvidus (Hemiptera).
- COCHLOSPERMUM:**
Frankliniella cephalica (Thysanoptera).
- COCOS:**
Aspidiotus coryphae (Homoptera).
Aspidiotus destructor (Homoptera).
Cocotrypes bassiaeverus (Coleoptera).
Coccyra cephalonica (Lepidoptera).
Diocalandra taiensis (Coleoptera).
Ripersia palmarum (Homoptera).
- CODIAEUM:**
Aleuroplatus mammaeferus (Homoptera).
Lepidosaphes auriculata (Homoptera).
Lepidosaphes lasianthi (Homoptera).
Parlatoria crotonis (Homoptera).

Hosts and insects—Continued

- COFFEA:**
Ceratitis capitata (Diptera).
Coccus viridis (Homoptera).
Leucoptera coffeella (Lepidoptera).
Stephanoderes hampei (Coleoptera).
- CORDEAUXIA:**
Caryedon sp. (Coleoptera).
- CORIANDRUM:**
Agromyza sp. (Diptera).
Autographa sp. (Lepidoptera).
- CORYLUS:**
Pinus japonicus (Coleoptera).
- COULA:**
Tapinoma melanocephalum (Hymenoptera).
- CRATAEGUS:**
 Olethreutid (Lepidoptera).
Rhagoletis pomonella (Diptera).
Rhagoletis sp. (Diptera).
- CROCUS:**
 Tineid (Lepidoptera).
- CRYPTOCARYA:**
Platypus australis (Coleoptera).
Xyleborus kraatzii (Coleoptera).
- CUCUMIS:**
Diaphania sp. (Lepidoptera).
- CUCURBITA MAXIMA:**
Diaphania sp. (Lepidoptera).
Geocoris sonoraeensis (Hemiptera).
Lygaeus lateralis (Coleoptera).
Monotoma centralis (Coleoptera).
- CUCURBITA PEPO:**
Dacus sp. (Diptera).
- CUPRESSUS:**
 Olethreutid (Lepidoptera).
 Psychid (Lepidoptera).
- CYCAS:**
Coptotermes formosanus (Isoptera).
- CYDONIA:**
Anastrepha ludens (Diptera).
Anastrepha sp. (Diptera).
Conotrachelus flavangulus (Coleoptera).
Grapholitha sp. (Lepidoptera).
Myelois sp. (Lepidoptera).
- CYMBIDIUM**—See Orchidaceae.
- CYNARA:**
Agriotes sp. (Coleoptera).
Anuraphis cynariella (Homoptera).
- CYPRIPEDIUM**—See Orchidaceae.
- CYTISUS:**
Bruchidius lividimanus retamae (Coleoptera).
Bruchidius villosus (Coleoptera).
- DAHLIA:**
Conotrachelus leucophaeatus (Coleoptera).
Frankliniella fortissima (Thysanoptera).
Frankliniella insularis (Thysanoptera).
Iridomyrmex humilis (Hymenoptera).
Psallus seriatus (Hemiptera).
- DAISY:**
Aeolothrips durali (Thysanoptera).
Amorbia emigratella (Lepidoptera).
Frankliniella cephalica (Thysanoptera).
Frankliniella fortissima (Thysanoptera).
- DATURA:**
Trialeurodes varia (Homoptera).
- DAUCUS:**
Agromyza sp. (Diptera).
Alloccoris incognita (Hemiptera).
Platynota sp. (Lepidoptera).
Pisila rosae (Diptera).
- DELPHINIUM:**
Brochymena sulcata (Hemiptera).
- DENDROBIUM**—See Orchidaceae.
- DENDROCALAMUS:**
Odonaspis pencillata (Homoptera).
- DERRIS:**
Dinoderus bifoveolatus (Coleoptera).
Sinorython anale (Coleoptera).
- DIANTHUS:**
Cyrtopeltis tenuis (Hemiptera).
Frankliniella fortissima (Thysanoptera).
Frankliniella melanommatus (Thysanoptera).
Haplothrips gowdeyi (Thysanoptera).
Taeniothrips simplex (Thysanoptera).
Vanduzeeae lacta segmentata (Homoptera).
- DIOCLEA:**
Cosmolyce boeticus (Lepidoptera).
Maruca testulalis (Lepidoptera).
Taeniothrips hawaiiensis (Thysanoptera).
- DIOSCOREA:**
Leptostylus testaceus (Coleoptera).
Selomorpha insectella (Lepidoptera).
Targionia hartii (Homoptera).
- DIOSPYROS:**
Lepidosaphes conchiformis (Homoptera).
Pseudoonidia duplex (Homoptera).
Pseudococcus kraunhiae (Homoptera).
- EACHEVERIA:**
Anaphothrips secticornis (Thysanoptera).
- ENCEPHALARTOS:**
Antliarhinus zamiae (Coleoptera).
Diaspis zamiae (Homoptera).
- EPIDENDRUM**—See Orchidaceae.
- EPIGAEA:**
Tetraleurodes ursorum (Homoptera).
- ERIA**—See Orchidaceae.
- ERIGERON:**
Hofmannophila pesudopretella (Lepidoptera).
- EUGENIA:**
Conotrachelus sp. (Coleoptera).
Curculio sp. (Coleoptera).
Pseudoonidia trilobitiformis (Homoptera).
- EUONYMUS:**
Adozophyes privatana (Lepidoptera).
Aphis rumicis (Homoptera).
 Psychid (Lepidoptera).
- EUPHORBIA:**
Asterolecanium stentae (Homoptera).
- FERN:**
Stephanoderes guatemalensis (Coleoptera).
- FICUS:**
Acalypta parvula (Hemiptera).
Ceroplastes rusci (Homoptera).
Gynaikothrips uzeli (Thysanoptera).
Hypoborus ficus (Coleoptera).
Lepidosaphes ficus (Homoptera).
Mecinus circulatus (Coleoptera).
Plinthinus brevipennis (Hemiptera).
Pogonocherus hispidulus (Coleoptera).
Tropistethus fasciatus (Hemiptera).
- FRAGARIA:**
Orthaea bilobata (Hemiptera).
- FRAXINUS:**
Hylesinus frazini (Coleoptera).
Leperisinus frazini (Coleoptera).
- GALANTHUS:**
Merodon sp. (Diptera).
- GARDENIA:**
Aleurodicus manni (Thysanoptera).
Amorbia emigratella (Lepidoptera).
Autographa sp. (Lepidoptera).
Chirothrips falsus (Thysanoptera).
Coccus viridis (Homoptera).
Empoasca solana (Homoptera).
Euryophthalmus cinctus (Hemiptera).
Haplothrips gowdeyi (Thysanoptera).
Isochaetothrips sp. (Thysanoptera).
Nesosteles incisus (Homoptera).
Protospulvinaria pyriformis (Homoptera).
Sylepta silicalis (Lepidoptera).
Tortricid (Lepidoptera).
- GENIPA:**
Pinnaspis minor strachani (Homoptera).
- GENISTA:**
Bruchidius villosus (Coleoptera).
- GERBERIA:**
Frankliniella melanommatus (Thysanoptera).
Haplothrips gowdeyi (Thysanoptera).
- GLADIOLUS:**
Frankliniella insularis (Thysanoptera).
Taeniothrips simplex (Thysanoptera).
Teleonema sorupulosa (Hemiptera).
- GNAPHALIUM:**
Dinoderus bifoveolatus (Coleoptera).
- GOSSYPIUM:**
Bucculatrix sp., probably *thurberiella* (Lepidoptera).
Corcyra cephalonica (Lepidoptera).
Pectinophora gossypiella (Lepidoptera).
Setomorpha insectella (Lepidoptera).
- GRAMMATOPHYLLUM**—See Orchidaceae.
- GREVILLEA:**
Brontes australis (Coleoptera).
- GUAJACUM:**
Laemophloeus iteratus (Coleoptera).
Neoclytus caccicus (Coleoptera).
Xyleborus fuscatus (Coleoptera).

Hosts and insects—Continued

- GUILIELMA:**
Asterolecanium urchi (Homoptera).
- GYPSOPHILA:**
Taeniothrips simplex (Thysanoptera).
- HA WORTHIA:**
Chionaspis humilis (Homoptera).
- HEDYSARUM:**
Bruchidius gilvus (Coleoptera).
- HELIANTHUS:**
Agromyza sp. (Diptera).
- HELICONIA:**
Cephaloleia pretiosa (Coleoptera).
Dactylosternum centrale (Coleoptera).
Fulvius quadrstellatus (Hemiptera).
- HELIOTROPIUM:**
Cyrtopeltis varians (Hemiptera).
- HEMEROCALLIS:**
Myzus hemerocallis (Homoptera).
- HERB:**
Agromyza sp. (Diptera).
Amphicerus cornutus (Coleoptera).
Frankliniella williamsi (Thysanoptera).
Orthaea vineta (Hemiptera).
Ptychopoda bonifata (Lepidoptera).
Ptychopoda sp. (Lepidoptera).
Tineid (Lepidoptera).
Trogorylon prostomoides (Coleoptera).
- HIBISCUS ESCULENTUS:**
Crociosema plebeiana (Lepidoptera).
Pectinophora gossypiella (Lepidoptera).
- HIBISCUS SP.**
Crociosema plebeiana (Lepidoptera).
Pinnaspis minor strachani (Homoptera).
Pseudaonidia clarigera (Homoptera).
Pseudaonidia tessera (Homoptera).
- HICORIA:**
Curculio sp. (Coleoptera).
- HOLCUS SORGHUM:**
Peregrinus maidis (Homoptera).
- HOLMSKIOLDIA:**
Pseudaonidia tessera (Homoptera).
- HURA:**
Pinnaspis minor var. (Homoptera).
- HYACINTHUS:**
Merodon sp. (Diptera).
- ILEX:**
Tortricid (Lepidoptera).
- INGA:**
Anastrepha distincta (Diptera).
Conotrachelus sp. (Coleoptera).
Stenota sp. (Lepidoptera).
- IPOMOEA:**
Cylis femoralis (Coleoptera).
Cylis formicarius (Coleoptera).
Cylis puncticollis (Coleoptera).
Euscepes postfasciatus (Coleoptera).
Megacerus alternatus (Coleoptera).
Palaeopus costicollis (Coleoptera).
- IRIS:**
Agromyza sp. (Diptera).
Hofmannophila pseudospretella (Lepidoptera).
Taeniothrips simplex (Thysanoptera).
- IXORA:**
Coccus viridis (Homoptera).
- JASMINUM:**
Haplothrips gowdeyi (Thysanoptera).
- JUGLANS:**
Rhagoletis sp. (Diptera).
- JUNIPERUS:**
Diaspis visci (Homoptera).
Tortricid (Lepidoptera).
- LABURNUM:**
Bruchidius villosus (Coleoptera).
- LACTUCA:**
Agallia producta (Homoptera).
Agromyza sp. (Diptera).
Alloccoris incognita (Hemiptera).
Amphicerus cornutus (Coleoptera).
Anacentrinus blanditus (Coleoptera).
Autographa sp. (Lepidoptera).
Baldulus elimatus (Homoptera).
Ceratocapsus punctulatus (Hemiptera).
Ceutorhynchus sp. (Coleoptera).
Corizus sidae (Hemiptera).
Draeculacephala minerra (Homoptera).
Empoasca abrupta (Homoptera).
Empoasca solana (Homoptera).
Eumecosomyia nubila (Diptera).
- LACTUCA—Continued.**
Frankliniella williamsi (Thysanoptera).
Leucopocila albofasciata (Hemiptera).
Ligyrocoris setosus (Hemiptera).
Lygaeus vitticutis (Hemiptera).
Lygus sallei (Hemiptera).
Macrostelus divinus (Homoptera).
Nabis alternata (Hemiptera).
Nabis angustatus (Hemiptera).
Nysius ericae (Hemiptera).
Nysius monticola (Hemiptera).
Platynota stultana (Lepidoptera).
Platynota sp. (Lepidoptera).
Pycnoderes quadrimaculatus (Hemiptera).
Scaphytopius irroratus (Homoptera).
Simulium virgatum (Diptera).
Sizeonotus areolatus (Hemiptera).
Thrips angusticeps (Thysanoptera).
Tortricid (Lepidoptera).
- LAELIA—See Orchidaceae.**
- LAGERSTROEMIA:**
Coccus viridis (Homoptera).
- LATHYRUS:**
Bruchus affinis (Coleoptera).
Frankliniella cubensis (Thysanoptera).
Haplothrips gowdeyi (Thysanoptera).
Psallus seriatus (Hemiptera).
- LAURUS:**
Parlatoria crotonis (Homoptera).
Ptychopoda sp. (Lepidoptera).
Trioxa alacris (Homoptera).
- LAVANDULA:**
Taeniothrips atratus (Thysanoptera).
- LENS:**
Bruchus erri (Coleoptera).
Bruchus lentis (Coleoptera).
Bruchus pallidicornis (Coleoptera).
- LESPEDeza:**
Psychid (Lepidoptera).
- LILIU:**
Amorbia emigratella (Lepidoptera).
Frankliniella fortissima (Thysanoptera).
Frankliniella melanommatus (Thysanoptera).
Haplothrips gowdeyi (Thysanoptera).
Liliceris lilii (Coleoptera).
Liothrips vaneckei (Thysanoptera).
Tortricid (Lepidoptera).
- LIRIOPE:**
Tortricid (Lepidoptera).
- LITCHI:**
Pachmaeus litus (Coleoptera).
- LIVISTONA:**
Coccotrypes pygmaeus (Coleoptera).
- LOG:**
Bitoma paralella (Coleoptera).
Dinoderes bifoveolatus (Coleoptera).
Hypstpyta grandella (Lepidoptera).
Xyleborus fuscatus (Coleoptera).
- LONGICERA:**
Trypetid.
- LYCASTE—See Orchidaceae.**
- LYCOPERSICUM:**
Agromyza sp. (Diptera).
Amorbia emigratella (Lepidoptera).
Autographa sp. (Lepidoptera).
Exptochiomeria oblonga (Hemiptera).
Geotomus parvulus (Hemiptera).
Gnorimoschema gudmannella (Lepidoptera).
Keifera lycopersicella (Coleoptera).
Ligyrocoris nitidulus (Hemiptera).
Lineodes integra (Lepidoptera).
Lorita abornana chatka (Lepidoptera).
Platynota rostrana (Lepidoptera).
Platynota stultana (Lepidoptera).
Platynota sp. (Lepidoptera).
Prodenia latifascia (Lepidoptera).
Setomorpha insectella (Lepidoptera).
Sisamnes contractus (Hemiptera).
Strymon critola (Lepidoptera).
Tortricid (Lepidoptera).
Xyleborus confusus (Coleoptera).
- LYCORIS:**
Merodon sp. (Diptera).
- MAGNOLIA:**
Pseudaonidia duplex (Homoptera).
Tortricid (Lepidoptera).
- MAHONIA:**
Pseudococcus gahani (Homoptera).

Hosts and insects—Continued

MALUS:

- Anastrepha* sp. (Diptera).
- Epidiaspis piricola* (Homoptera).
- Eriosoma crataegi* (Homoptera).
- Forficula auricularia* (Orthoptera).
- Grapholitha* sp. (Lepidoptera).
- Lecanium coryli* (Homoptera).
- Parlatoria oleae* (Homoptera).
- Rhagoletis pomonella* (Diptera).
- Tortricid (Lepidoptera).

MAMMEA:

- Anastrepha serpentina* (Diptera).
- Aspidiotus spinosus* (Homoptera).

MAMMILLARIA—See Cactaceae.

MANGIFERA:

- Anastrepha ludens* (Diptera).
- Anastrepha mombinpraeproptans* (Diptera).
- Anastrepha* sp. (Diptera).
- Aulacaspis mangiferae* (Homoptera).
- Chrysomphalus dictyospermi* var. (Homoptera).
- Pseudaonidia trilobitiformis* (Homoptera).
- Sternochetus mangiferae* (Coleoptera).
- Vinsonia stellifera* (Homoptera).

MANIHOT:

- Lepidosaphes alba* (Homoptera).

MATRICARIA:

- Agallia producta* (Homoptera).
- Agromyza* sp. (Diptera).

MENTHA:

- Agromyza* sp. (Diptera).
- Frankliniella tenuicornis* (Thysanoptera).
- Frankliniella williamsi* (Thysanoptera).

MIMOSA:

- Olethreutid (Lepidoptera).

MOMORDICA:

- Platynota* sp. (Lepidoptera).

MUSA:

- Aspidiotus destructor* (Homoptera).
- Metamasius sericeus* (Coleoptera).
- Metamasius sericeus carbonarius* (Coleoptera).

MUSCARI:

- Erosoma lusitanica* (Coleoptera).

MYRICA:

- Tortricid (Lepidoptera).

MYRICARIA:

- Conotrachelus* sp. (Curculionidae).

MYRTILLOCACTUS—See Cactaceae.

MYRTUS:

- Myzus ornatus* (Homoptera).

NARCISSUS:

- Eumerus* sp. (Diptera).
- Merodon* sp. (Diptera).

OCHROMA:

- Xyleborus confusus* (Coleoptera).

ODONTOGLOSSUM—See Orchidaceae.

OLEA:

- Dacus oleae* (Diptera).

ONCIDIUM—See Orchidaceae.

ONOBRYCHIS:

- Bruchidius gibbus* (Coleoptera).

OPUNTIA—See Cactaceae.

ORNITHOGALUM:

- Frankliniella schultzei* (Thysanoptera).
- Haplothrips nigricornis* (Thysanoptera).
- Taeniothrips fumosa* (Thysanoptera).
- Taeniothrips simplex* (Thysanoptera).

ORYZA:

- Chilo simplex* (Lepidoptera).
- Corcyra cephalonica* (Lepidoptera).

ORCHIDACEAE:

- Agromyza* sp. (Diptera).
- Anaphothrips orchidaceus* (Thysanoptera).
- Anaphothrips orchidii* (Thysanoptera).
- Anthonomus funereus* (Coleoptera).
- Archimerus scutellaris* (Hemiptera).
- Asterolecanium aureum* (Homoptera).
- Castnia* sp. (Lepidoptera).
- Cerotoma atrofasciata* (Coleoptera).
- Chirothrips falsus* (Thysanoptera).
- Chrysomphalus boureyi* (Homoptera).
- Chrysomphalus nigropunctatus* (Homoptera).
- Chrysomphalus odontoglossi* (Homoptera).
- Chrysomphalus umboniferus* (Homoptera).
- Conchaspis angraei* (Homoptera).
- Cryphula apicatus* (Hemiptera).
- Disonychia antonnatala* (Coleoptera).
- Eurycipitia vestitus* (Hemiptera).

ORCHIDACEAE—Continued.

- Eurytoma orchidearum* (Hymenoptera).
- Euschistus spurculus* (Hemiptera).
- Exptochiroma tumens* (Hemiptera).
- Frankliniella insularis* (Thysanoptera).
- Fulvius bisbitillatus* (Hemiptera).
- Fulvius* sp. (Hemiptera).
- Furcaspis biformis* (Homoptera).
- Heracus cineticornis* (Hemiptera).
- Hercothrrips errans* (Thysanoptera).
- Herculia psammiozantha* (Lepidoptera).
- Iridomyrmex iniquus* (Hymenoptera).
- Iridomyrmex iniquus nigella* (Hymenoptera).
- Iridomyrmex mellus* (Hymenoptera).
- Lecanodiaspis dendrobii* (Homoptera).
- Lepidosaphes tuberculata* (Homoptera).
- Leucaspis cockerelli* (Homoptera).
- Ligyrocoris abdominalis* (Hemiptera).
- Mamurius mopsis* (Hemiptera).
- Mertilia malayensis* (Hemiptera).
- Mordellistena cattleyae* (Coleoptera).
- Mordellistena chapini* (Coleoptera).
- Mordellistena* sp. (Coleoptera).
- Mormidea collaris* (Hemiptera).
- Mormidea c. abrosa* (Hemiptera).
- Mormidea v. luteum* (Hemiptera).
- Ochlerus notatulus* (Hemiptera).
- Olethreutid (Lepidoptera).
- Orchidophilus aterrimus* (Coleoptera).
- Orchidophilus* sp. (Coleoptera).
- Paralleodiplosis cattleyae* (Diptera).
- Parlatoria pseudaspidiotus* (Homoptera).
- Phytomyza* sp. (Diptera).
- Pinnaspis townsendi* (Homoptera).
- Pseudaonidia curculiginis* (Homoptera).
- Pseudaonidia trilobitiformis* (Homoptera).
- Pseudishnaspis alienus* (Homoptera).
- Pseudococcus lilacinus* (Homoptera).
- Psychid (Lepidoptera).
- Pulvinaria floccifera* (Homoptera).
- Taeniothrips simplex* (Thysanoptera).
- Taeniothrips ranthius* (Thysanoptera).
- Tenthecoris bicolor* (Hemiptera).
- Tetrapinguis* (Hemiptera).
- Tineid (Lepidoptera).
- Tortricid (Lepidoptera).
- Vatissus diversus* (Hemiptera).
- Vilga mexicana* (Hemiptera).
- Vinsonia stellifera* (Homoptera).
- Zophobas morio* (Coleoptera).

PACHYCEREUS—See Cactaceae.

PACKING:

- Acalypta musci* (Hemiptera).
- Anacaena globulus* (Coleoptera).
- Apion flavipes* (Coleoptera).
- Brachyrhinus rugosostriatus* (Coleoptera).
- Cercyon melanocephalus* (Coleoptera).
- Ceutorhynchus atomus* (Coleoptera).
- Ceutorhynchus contractus* (Coleoptera).
- Chrysolina brunsvicensis* (Coleoptera).
- Corizus parumpunctatus* (Hemiptera).
- Cryptopleurum atomarium* (Coleoptera).
- Drymus sylvaticus* (Hemiptera).
- Eucalandra setulosa* (Coleoptera).
- Eurydema oleraceum* (Hemiptera).
- Forficula auricularia* (Orthoptera).
- Haplothrips aculeatus* (Thysanoptera).
- Hypera arator* (Coleoptera).
- Hypera nigrirostris* (Coleoptera).
- Hypera postica* (Coleoptera).
- Hypocassida subfruginea* (Coleoptera).
- Ogdocoeca biannularis* (Coleoptera).
- Pantomorus xanthographus* (Coleoptera).
- Phyllotreta undulata* (Coleoptera).
- Sciaphilus muricatus* (Coleoptera).
- Sphaeridium bipustulatum* (Coleoptera).
- Strophosoma melanogrammum* (Coleoptera).
- Strophosoma rufipes* (Coleoptera).
- Taphropeltus contractus* (Hemiptera).
- Thyreocoris scarabaeoides* (Hemiptera).
- Trachyploeus aristatus* (Coleoptera).
- Trapezonotus arenarius* (Hemiptera).
- Troilus luridus* (Hemiptera).

PAEONIA:

- Brachylacon murinus* (Coleoptera).

PALM:

- Aspidiotus destructor* (Homoptera).
- Ceroplastes rubens* (Homoptera).

Hosts and insects—Continued

- PANDANUS:**
Lepidosaphes chinensis (Homoptera).
Tylococcus giffardi (Homoptera).
- PARKINSONIA:**
Phelomerus germani (Coleoptera).
- PEDILANTHUS:**
Lepidosaphes carinata (Homoptera).
- PELTOPHORUM:**
Caryedon sp. (Coleoptera).
- PERSEA:**
Anastrepha ludens (Diptera).
Anastrepha sp. (Diptera).
Aspidiotus spinosus (Homoptera).
Ceratitis capitata (Diptera).
Chrysomphalus dictyospermi var. (Homoptera).
Chrysomphalus personatus (Homoptera).
Conotrachelus sp. (Coleoptera).
Hellipus sp. (Coleoptera).
Marmara sp. (Lepidoptera).
Stenoma sp. (Lepidoptera).
- PETROSELINUM:**
Autographa sp. (Lepidoptera).
Frankliniella williamsi (Thysanoptera).
Phyllotreta albionica (Coleoptera).
- PETUNIA:**
Cyrtopeltis tenuis (Hemiptera).
Lygus elisus (Hemiptera).
- PHALAENOPSIS**—See Orchidaceae.
- PHASEOLUS LUNATUS MACROCARPUS:**
Epinotia opposita (Lepidoptera).
- PHASEOLUS MUNGO RADIATUS:**
Callosobruchus chinensis (Coleoptera).
- PHASEOLUS SP.** (string bean):
Agromyza sp., very close to *burgessi* (Diptera).
Agromyza sp. (Diptera).
Callosobruchus chinensis (Coleoptera).
Chalcodermus sp. (Coleoptera).
Epinotia opposita (Lepidoptera).
Keiferia lycopersicella (Lepidoptera).
Maruca testulalis (Lepidoptera).
Naucles pusio (Coleoptera).
Olethreutid (Lepidoptera).
Pyrausta nubilalis (Lepidoptera).
Tortricid (Lepidoptera).
- PHOENIX:**
Coccotrypes dactyliperda (Coleoptera).
- PHYSALIS:**
Zabrotes subfasciatus (Coleoptera).
- PICEA:**
Ernobius abietis (Coleoptera).
Laspeyresia strobilella (Lepidoptera).
- PINUS:**
Ips suturalis (Coleoptera).
Leucaspis loewi (Homoptera).
Myelophilus minor (Coleoptera).
Pineus coloradensis (Homoptera).
Pityogenes chalcographus (Coleoptera).
Poliaspis pini (Homoptera).
Ptochoryctis tsugensis (Lepidoptera).
- PISTACIA:**
Lepidosaphes pistaciae (Homoptera).
Megastigmus pistaciae (Thysanoptera).
- PISUM:**
Agromyza sp. (Diptera).
Forsebia perlaeta (Lepidoptera).
Franklinothrips cespiformis (Thysanoptera).
Phyllotreta rittata discedens (Coleoptera).
Phytomyza sp. (Diptera).
Platynota stultana (Lepidoptera).
Zabrotes subfasciatus (Coleoptera).
- PODOCARPUS:**
Olethreutid (Lepidoptera).
- POLIANTHES:**
Isochaetothrips sp. (Thysanoptera).
Tortricid (Lepidoptera).
- PORTULACA:**
Heliodines bella (Lepidoptera).
Platynota stultana (Lepidoptera).
Psychid (Lepidoptera).
- PRIMULA:**
Myzus ornatus (Homoptera).
- PROSOPIS:**
Acanalonia laticosta (Homoptera).
Drasterius cribratus (Coleoptera).
Kaloterpes synderi (Isoptera).
Laspeyresia membrosa (Lepidoptera).
Leuronota maculata (Homoptera).
Neuroctenus simplex (Hemiptera).
- PROSOPIS**—Continued.
Olethreutid (Lepidoptera).
Placosternus difficalis (Coleoptera).
Platynota sp. (Lepidoptera).
Psychid (Lepidoptera).
Rhipibruchus picturatus (Coleoptera).
Scirtothrips prosopis (Thysanoptera).
Trarus fulvus (Homoptera).
Vanduzee laeta segmentata (Homoptera).
- PRUNUS ARMENIACA:**
Anastrepha sp., probably *fraterculus* (Diptera).
- PRUNUS AVIUM SYLVESTRIS:**
Anthonomus rectirostris (Coleoptera).
- PRUNUS DOMESTICA:**
Grapholitha sp., probably *molesta* (Lepidoptera).
Olethreutid (Lepidoptera).
Parlatoria oleae (Homoptera).
Tortricid (Lepidoptera).
Trypetid (Diptera).
- PRUNUS MAHALEB:**
Agromyza sp. (Diptera).
- PRUNUS SALESII:**
Conotrachelus sp. (Coleoptera).
- PRUNUS SP.** (cherry):
Parlatoria oleae (Homoptera).
- PRUNUS SP.:**
Lecanium coryli (Homoptera).
Tortricid (Lepidoptera).
- PSEUDANANAS:**
Phaedon confinis (Coleoptera).
- PSIDIUM:**
Anastrepha mombinpraeproptans (Diptera).
Anastrepha suspensa (Diptera).
Anastrepha sp. (Diptera).
Coccus viridis (Homoptera).
Conotrachelus sp. (Coleoptera).
- PUERARIA:**
Callosobruchus ademptus (Coleoptera).
- PUNICA:**
Anastrepha ludens (Diptera).
Dacus oleae (Diptera).
Myelois ceratoniae (Lepidoptera).
- PYRUS:**
Anastrepha ludens (Diptera).
Anastrepha sp. (Diptera).
Ceratitis capitata (Diptera).
Epdiaspis piricola (Homoptera).
Grapholitha sp. (Lepidoptera).
Lepidosaphes conchiformis (Homoptera).
Parlatoria oleae (Homoptera).
Psallus seriatus (Hemiptera).
Pseudococcus gahani (Homoptera).
Psychid (Lepidoptera).
- QUERCUS:**
Andricus glandium (Hymenoptera).
Callirhytis glandulosa (Hymenoptera).
Conotrachelus sp. (Coleoptera).
Curculio sp. (Coleoptera).
Tortricid (Lepidoptera).
- RADICULA ARMORACIA:**
Baris lepidii (Coleoptera).
- RADICULA NASTURTIUM AQUATICUM:**
Autographa sp. (Lepidoptera).
- RAMONDA:**
Myzus ornatus (Homoptera).
- RAPHANUS:**
Agromyza sp. (Diptera).
Autographa sp. (Lepidoptera).
Cyrtopeltis tenuis (Hemiptera).
Haplothrips gowdeyi (Thysanoptera).
Hellula phidilealis (Lepidoptera).
Phyllotreta rittata discedens (Coleoptera).
Phytomyza sp. (Diptera).
- RENANTHERA**—See Orchidaceae.
- RHODODENDRON:**
Dialeurodes chittendeni (Homoptera).
- RIBES:**
Epochra sp. (Diptera).
- RICINUS:**
Tineid (Lepidoptera).
- ROSA:**
Allantus cinctus (Hymenoptera).
Anoplopera crassipes (Coleoptera).
Frankliniella cephalica (Thysanoptera).
Frankliniella cubensis (Thysanoptera).
Frankliniella fortissima (Thysanoptera).
Frankliniella insularis (Thysanoptera).
Frankliniella williamsi (Thysanoptera).

Hosts and insects—Continued

- ROSA**—Continued.
Gastrothrips sp. (Thysanoptera).
Haplothrips gowdeyi (Thysanoptera).
Nauclea pusio (Coleoptera).
 Olethreutid (Lepidoptera).
Spilographa sp., possibly *setosa* (Diptera).
 Tortricid (Lepidoptera).
- ROYSTONEA**:
Aspidiotus destructor (Homoptera).
- SACCHARUM**:
Chilo sp. (Lepidoptera).
Pseudococcus boninsis (Homoptera).
Targionia sacchari (Homoptera).
Trionymus sacchari (Homoptera).
- SALIX**:
Gracilia minuta (Coleoptera).
- SALVIA**:
Eupteryx melissae (Homoptera).
- SAPOTE**:
Anastrepha serpentina (Diptera).
Anastrepha sp. (Diptera).
- SCABIOSA**:
Frankliniella fortissima (Thysanoptera).
- SEBASTIANA**:
Grapholitha saltitans (Lepidoptera).
- SECHIUM**:
 Tortricid (Lepidoptera).
- SENECIO**:
Phytomyza sp. (Diptera).
- SERJANIA**:
Dinoderus biforeolatus (Coleoptera).
Sinozydon conigerum (Coleoptera).
- SINNINGIA**:
Brachyrhinus sp. (Coleoptera).
- SOBRALIA**—See Orchidaceae.
- SOIL**:
Brachyrhinus sp. (Coleoptera).
Eleodes tricostata (Coleoptera).
Galgupha punctifer (Hemiptera).
 Tineid (Lepidoptera).
- SOJA**:
Cosmolyce boeticus (Lepidoptera).
- SOLANUM MELONGENA**:
Clerada apicicornis (Hemiptera).
Erptochiomera oblonga (Hemiptera).
Leucopocila albofasciata (Hemiptera).
Matigramma rubrosuffusa (Lepidoptera).
Pachyzancla perisialis (Lepidoptera).
 Tortricid (Lepidoptera).
Xyleborus confusus (Coleoptera).
- SOLANUM TUBEROSUM**:
Epicaerus cognatus (Coleoptera).
- SOPHORA**:
Tetraleurodes acaciae (Homoptera).
- SORBUS**:
Parlatoria oleae (Homoptera).
- SPARTIUM**:
Bruchidius villosus (Coleoptera).
- SPATHOGLOTTIS**—See Orchidaceae.
- SPINACIA**:
Conotrachelus sp., apparently *seniculus* (Coleoptera).
- SPONDIAS**:
Anastrepha mombinpraeoptans (Diptera).
- STANHOPEA**—See Orchidaceae.
- SWIETENIA**:
Hypsipyla grandella (Lepidoptera).
Termes panamaensis (Isoptera).
- TABEBUIA**:
Brentus mexicanus (Coleoptera).
Cercyon quisquilius (Coleoptera).
Laemphloeus iteratus (Coleoptera).
Neoclytus cacticus (Coleoptera).
Platypus rugulosus (Coleoptera).
Tesserocerus dejeani (Coleoptera).
 Tineid (Lepidoptera).
Xyleborus affinis (Coleoptera).
Xyleborus confusus (Coleoptera).
Xyleborus fuscatus (Coleoptera).
Xyleborus propinquus (Coleoptera).
Xyleborus torquatus (Coleoptera).
- TAGETES**:
Agromyza sp. (Diptera).
Haplothrips gowdeyi (Thysanoptera).
Ligyrororis nitidicollis (Hemiptera).
Ptychopoda sp. (Lepidoptera).
Setomorpha insectella (Lepidoptera).
 Tortricid (Lepidoptera).
Zabrotes subfasciatus (Coleoptera).
- TAMARINDUS**:
Callosobruchus chinensis (Coleoptera).
Caryedon fuscus (Coleoptera).
Cylas formicarius (Coleoptera).
Myelois sp. (Lepidoptera).
- TAMARIX**:
Brochymena aculeata (Hemiptera).
 Psychid (Lepidoptera).
- TAXUS**:
Hadrobrengmus destructor (Coleoptera).
- TERMINALIA**:
Aspidiotus destructor (Homoptera).
- THUNBERGIA**:
Orthezia praelonga (Homoptera).
- TILLANDSIA**:
Mormidea pictiventris (Hemiptera).
- TITHONIA**:
Agromyza sp. (Diptera).
 Olethreutid (Lepidoptera).
- TRICHOGLOTTIS**—See Orchidaceae.
- TRITONIA**:
Iridomyrmex humilis (Hymenoptera).
- TROPAEOLUM**:
Agromyza sp. (Diptera).
- TULIPA**:
Endrosia lactella (Lepidoptera).
Forficula auricularia (Orthoptera).
 Tineid (Lepidoptera).
- VACCINIUM**:
 Olethreutid (Lepidoptera).
 Tortricid (Lepidoptera).
- VALLOTA**:
Forficula auricularia (Orthoptera).
- VANDA**—See Orchidaceae.
- VANILLA**—See Orchidaceae.
- VICIA**:
Apion pomonae (Coleoptera).
Bruchus affinis (Coleoptera).
Bruchus rarchialis (Coleoptera).
Bruchus luteicornis (Coleoptera).
Bruchus rufipes (Coleoptera).
 Olethreutid (Lepidoptera).
- VIGNA**:
Callosobruchus analis (Coleoptera).
Zabrotes subfasciatus (Coleoptera).
- VITIS**:
Phylctinus callosus (Coleoptera).
Polychrosus botrana (Lepidoptera).
 Psychid (Lepidoptera).
- WISTERIA**:
Phenacaspis fujicola (Homoptera).
 Trypetid (Diptera).
- ZAMIA**:
Pinnaspis minor strachani (Homoptera).
- ZANTEDESCHIA**:
Chaetopsis sulcifrons (Diptera).
- ZEAE**:
Chilo sp. (Lepidoptera).
Diatraea crambidoides (Lepidoptera).
Eucnecerus anthrenoides (Coleoptera).
Eumecosomyia nubila (Diptera).
Euzesta stigmatias (Diptera).
Frankliniella williamsi (Thysanoptera).
Moodna bisinuella (Lepidoptera).
Neurocolpus mexicanus (Hemiptera).
Pyroderces sp. (Lepidoptera).
 Tineid (Lepidoptera).
- ZINNIA**:
Agromyza sp. (Diptera).
Haplothrips gowdeyi (Thysanoptera).
Psallus seriatus (Hemiptera).
 Trypetid (Diptera).

Hosts unknown

AIRPLANE:

Chrysobothris guatemalensis (Coleoptera).

BARK:

Aspidiotus fabernii (Homoptera).

BOX CONTAINING 4 PEARS AND 4 APPLES:

Ceratitis capitata (Diptera).

BURLAP COVERING FOR FOREST LITTER:

Corecya cephalonica (Lepidoptera).

DEBRIS IN BOX OF CUCUMBERS:

Dacus cucurbitae (Diptera).

EMPTY BOX CAR:

Anasa uhleri (Hemiptera).

FLOWERS:

Allocoris incognita (Hemiptera).

Anaphothrips orchidaceus (Thysanoptera).

Anthonomus mexicanus (Coleoptera).

Aufeius impressicollis (Hemiptera).

Berinus nigricolor (Coleoptera).

Bolbonota pictipennis (Homoptera).

Carsidara dugesii (Homoptera).

Chirothrips falsus (Thysanoptera).

Corizus sidae (Hemiptera).

Cydamus borealis (Hemiptera).

Cyrtopeltis tenuis (Hemiptera).

Cyrtopeltis varians (Hemiptera).

Dysdercus mimulus (Coleoptera).

Empoasca abrupta (Homoptera).

Euschistus obscurus (Hemiptera).

Exitianus obscurinervis (Homoptera).

Frankliniella cephalica (Thysanoptera).

Frankliniella fortissima (Thysanoptera).

Frankliniella williamsi (Thysanoptera).

Franklinothrips vespiformis (Thysanoptera).

Haplothrips gowdeyi (Thysanoptera).

Homocoesoma electellum (Lepidoptera).

Hypopoprora nogalata (Homoptera).

Leucopocilla albofasciata (Hemiptera).

Nicobium hirtum (Coleoptera).

Phlepsius utahus (Homoptera).

Taeniothrips simplex (Thysanoptera).

Tortricid (Lepidoptera).

Trypetid (Diptera).

GALLS ON FLOWER STEM:

Tineid (Lepidoptera).

IN BAG CONTAINING PAPAYA:

Toxotrypana curvicauda (Diptera).

IN SACKS OF MANGOES:

Anastrepha mombinpraeoptans (Diptera).

IN SOIL AROUND ROOTS OF CYPREPIDIUM PLANT:

Iridomyrmex iniquus (Hymenoptera).

LEAF:

Brachystylus tamaulizanus (Coleoptera).

Chrysomphalus personatus (Homoptera).

Cligenes delineata (Hemiptera).

Eustictus minimus (Hemiptera).

Nysius monticola (Hemiptera).

Oziarus concinnulus (Homoptera).

Tineid (Lepidoptera).

MIXED FRUIT:

Myelois sp. (Lepidoptera).

ON CASES OF BITTER ORANGES:

Ceratitis capitata (Diptera).

ON DECK OF SHIP ON WHICH ORANGES

HAD BEEN STORED:

Ceratitis capitata (Diptera).

ON WALL IN HOLD OF SHIP:

Ceratitis capitata (Diptera).

PLANT:

Cerapachys augustae (Hymenoptera).

Chrysolina varians centaura (Coleoptera).

ROOT:

Andricus ruginosus (Hymenoptera).

RHIZOME:

Trypetid (Diptera).

RYE STRAW JACKET WITH VETCH:

Bruchus loti (Coleoptera).

SEED:

Bruchus tristiculus (Coleoptera).

Euspermothagus cardui (Coleoptera).

Trypetid (Diptera).

STRAW JACKET:

Hofmannophila pseudos retrella (Lepidoptera).

WEED:

Cylindrocotyturus armatus (Coleoptera).

WOOD:

Heterobostrychus aequalis (Coleoptera).

Lez. erisimus fraxini (Coleoptera).

Micralet scapularis (Coleoptera).

Nicobium castaneum (Coleoptera).

Oligomerus brunneus (Coleoptera).

Country of origin and insects

AMERICAN SAMOA:

Tylococcus giffardi Ehrh.

AMERICAN VIRGIN ISLANDS:

Anastrepha mombinpraeoptans Sein.

Chrysomphalus personatus (Comst.).

Maruca testulalis (Geyer).

Targionia hartii (Ckll.).

ANGOLA:

Cylas femoralis Faust.

Cylas puncticollis Boh.

Stephanoderes hampei Ferr.

ANTIGUA:

Palaeopus costicollis Marsh.

Targionia hartii (Ckll.).

Targionia sacchari (Ckll.).

ARGENTINA:

Agromyza sp.

Anastrepha sp., prob. *fraterculus* (Wied.).

Anastrepha sp.

Pantomorus zanthographus (Germ.).

Parlatoria oleae (Colvee).

Psychid.

AUSTRALIA:

Brontes australis Erickson.

Lepidosaphes tuberculata Mal.

Leucaspis cockerelli (deCharm).

Platypus australis Chapuis.

Taeniothrips simplex (Morison).

Xyleborus kraatzi Eichh.

AZORES:

Curculio sp.

Iridomyrmex humilis Mayr.

Laspeyresia splendana (Hbn.).

Targionia bromelae ("Newst." Leon.).

BAHAMAS:

Aspidiotus destructor Sign.

Aspidiotus herculeanus D. & H.

Diatraea cramboides (Grote).

Frankliniella insularis (Frank.).

Haplothrips gowdeyi Hood.

Lepidosaphes alba (Ckll.).

Lepidosaphes lasianthi (Green).

BALUCHISTAN:

Callosobruchus analis (F.).

BARBADOS:

Hoplandrothrips zanthopoides Bagn.

Targionia hartii (Ckll.).

BELGIUM:

Amphorophora azaleae Mason.

Barathra brassicae (L.).

Brachyrhinus porcatus (Hbst.).

Brachyrhinus sp.

Ceutorhynchus sp.

Chrysolina varians centaura (Hbst.).

Frankliniella tenuicornis (Uzel).

Gracilia minuta (F.).

Haplothrips subtilissimus (Haliday).

Iridomyrmex iniquus Mayr.

Lepidosaphes tuberculata Malen.

Napomyza lateralis Fallen.

Ophiomyia pinguis (Fall.).

BERMUDA:

Crocidosema plebeiana Zell.

Frankliniella insularis Frank.

Frankliniella melanommatus William s.

Haplothrips gowdeyi Frank.

Taeniothrips simplex (Morison).

Tineid.

Country of origin and insects—Continued

BRAZIL:

- Agomyza* sp.
Aspidiotus destructor Sign.
Asterolecanium aureum (Bdv.).
Asterolecanium urichi Kkll.
Castnia sp.
Ceratilis capitata (Wied.).
Chrysomphalus personatus (Comst.).
Coccotrypes basstaeocorus Hopk.
Coccus viridis (Green).
Conotrachelus sp.
Eumecosomyia nubila (Wied.).
Euseceps postfasciatus Fairm.
Furcaspis biformis (Ckll.).
Gymnaspiis aechmeae Newst.
Hapllothrips gowdeyi Frankl.
Maruca testulalis (Gey.).
Mordellistena sp., prob. *cattleyana* Champ.
Mordellistena sp., prob. *chapini* Ray.
Mordellistena sp.
Mormidea v-luteum (Licht.).
Parlatoria cinerea Hadden.
Pectinophora gossypiella (Saund.).
Phaedon confinis (Klug).
Pseudoanidia trilobitiformis (Green).
Stephanoderes hampei Ferr.
Tetyra pinguis (Germ.).
Zabrotes subfasciatus (Boh.).

BRITISH COLUMBIA:

- Allantus cinctus* (L.).

Olethreutid.

BRITISH EAST AFRICA:

- Stephanoderes hampei* Ferr.

BRITISH HONDURAS:

- Parlatoria crotonis* (Douglas).

BRITISH WEST INDIES:

- Hapllothrips gowdeyi* Frankl.

CANADA:

- Anoplodera crassipes* Lec.
Brachyrhinus sp.
Forficula auricularia (L.).
Hadrobregmus destructor Fisher.
Pineus coloradensis (Gill.).
Ptinus japonicus Reitt.
Rhagoletis pomonella (Walsh).
Spilographa sp., possibly *setosa* Doane.
Stephanoderes hampei Ferr.
Taeniothrips atratus (Hal.).
 Tortricid.

CANAL ZONE:

- Agomyza* sp.
Conchaspis angraeci Kkll.
Conotrachelus sp.
Furcaspis biformis (Ckll.).
Hapllothrips gowdeyi Frankl.
Parallelodiplosis cattleyae Felt.
Taeniothrips simplex (Morison).

CHILE:

- Megalometis chiliensis* Boh.
Nemapogon granella (L.).
 Olethreutid.
Platynota sp.
Pseudococcus gahani Green.
Rhipibruchus picturatus (Fahr.).
Taeniothrips simplex (Morison).
 Tineid.

Tortricid.

CHINA:

- Callosobruchus chinensis* (L.).
Cylas formicarius (F.).
Endrosis lacteella (Schiff.).
Lepidosaphes chinensis Chamberlin.
Myzus hemerocallis Taka.
Parlatoria ziziphus (Lucas).

COLOMBIA:

- Anaphothrips orchidaceus* Bagnall.
Anastrepha sp., prob. *serpentina* (Wied.).
Coccus viridis (Green).
Conotrachelus sp.
Eurytoma orchidearum (Westw.).
Frankliniella insularis Frankl.
Fulvius bisbistillatus (Stal).
Furcaspis biformis (Ckll.).
Hapllothrips gowdeyi Frankl.
Herculia psammiozantha Dyar.
Iridomyrmez iniquus Mayr.

COLOMBIA—Continued.

- Iridomyrmez iniquus nigella* Emery.
Taeniothrips sp.
Lecanodiaspis dendrobii (Dougl.).
Teucoptera coffeella (Guer.).
Mordellistena cattleyana Champ.
Mordellistena chaqini Ray.
Mordellistena sp.
Ochlerus notatulus Bredd.
Tenthecoris bicolor Scott.
 Tineid.

Zophobas morio (F.).

COOK ISLANDS:

- Aspidiotus destructor* Sign.

COSTA RICA:

- Anastrepha* sp.
Asterolecanium aureum (Bdv.).
Conchaspis angraeci Kkll.
Mordellistena sp.
Pulvinaria floccifera (Westw.).

CUBA:

- Agomyza* sp.
Aleurocanthus voglumi Ashby.
Anastrepha mombini-raoizans Sein.
Anastrepha suspensa (Lw.).
Anastrepha sp.
Ascia monuste (L.).
Aspidiotus destructor Sign.
Aspidiotus faberii Houser.
Aspidiotus spinosus Comst.
Atoeniis terminalis (Chevr.).
Autographa sp.
Chalcodermis sp.
Clerada azicicornis Sign.
Coccus viridis (Green).
Crocidosema plebeiana Zell.
Cylas formicarius (F.).
Cymoninus notabilis (Dist.).
Cyrtopeltis tenuis Reut.
Diaphania sp.
Faustinus cubae (Boh.).
Frankliniella cubensis Hood.
Frankliniella insularis Frankl.
Franklinothrips respiformis Crawford.
Furcaspis biformis (Ckll.).
Gnorimoschema gudmannella (Wlsmr.).
Gynaikothrips uzeli (Zimm.).
Hapllothrips gowdeyi Frankl.
Helluta phidilealis (Wlk.).
Herethrips phaseoli Hood.
Hortensia similis (Walk.).
Keiferia lycopersicella (Busck).
Leucopocella abofasciata Reut.
Lineodes integra (Zell.).
Liriomyza flavola Fall.
Metamasius sericeus Oliv.
Myeloidis sp.
Oedaneala dorsilinea A. & S.
Pachnaeus litus Germ.
Pachyzancla perisusalis (Wlk.).
Palaeopus costicollis Marsh.
Parlatoria crotonis Douglas.
Photinus nefarius E. O.
Phyllophaga analis (Burm.).
Phyllotreta vittata discedens Weise.
Phytomyza sp.
Pinus sp. minor *strachani* (Cooley).
Platynota rostrana (Wlk.).
Platynota sp.
Pseudococcus boninensis Kuw.
Pseudoparlatoria ostreata (Ckll.).
Pycnoderes quadrimaculatus Guer.
Pyrolytus sazhirinus Gyll.
Pyroderes sp.
Ribua innocua Hein.
Systena basalis Jacq.
Taeniothrips simplex (Morison).
Targionia bromelinae (Leon.).
Targionia hartii (Ckll.).
Targionia sacchari (Ckll.).
 Tineid.
 Tortricid.
Vinsonia stellifera (Westw.).
Xyleborus confusus Eichh.
Zabrotes subfasciatus Boh.

CYPRUS:

- Bruchus lentis* Froh.

Country of origin and insects—Continued

DENMARK:

Anacaena globulus Payk.
Anthonomus rectirostris L.
A2 ion flavipes Payk.
Cercyon melanocephalus L.
Ceutorhynchus atomus Boh.
Ceutorhynchus contractus (Marsh.).
Chrysolina brunsvicensis Grav.
Corizus parumpunctatus (Schill.).
Cryptopleurum atomarium F.
Drymus sylvaticus (F.).
Eumerus sp.
Eurydema oleraceum (L.).
Haplothrips aculeatus F.
Hypera arator L.
Hypera nigrirostris F.
Phyllotreta undulata Kutsch.
Sciaphilus muricatus F.
Sphaeridium bipustulatum F.
Strophosoma melanogrammus Forst.
Strophosoma rufipes Steph.
Thyreocoris scarabaeoides (L.).
Trachyphloeus aristatus (Gyll.).
Trapezonotus arenarius (L.).
Troilus luridus (F.).

DOMINICA:

Aleurocanthus woglumi Ashby.
Aonidiella comperei McKenzie.
 DOMINICAN REPUBLIC:
Anastrepha monbinpraeoptans Sein.
Asterolecanium aureum (Bdv.).
Coccus viridis (Green).
Conchaspis angraei Ckll.
Cylas formicarius (F.).
Euscepes postfasciatus Fairm.
Maruca testulalis (Gey.)
 Tineid.
Vinsonia stellifera (Westw.).

DUTCH GUIANA:

Stenomona anomella Sepp.

DUTCH WEST INDIES:

Dinoderus bifoveolatus Woll.
Xyleborus fuscatus Eichh.

ECUADOR:

Anaphothrips seticornis (Trybom).
Conchaspis angraei Ckll.
Stenomona sp.
Xyleborus confusus Eichh.

EGYPT:

Callosobruchus chinensis (L.).
Pectinophora gossypiella (Saund.).

ENGLAND:

Allantus cinctus (L.).
Anaphothrips orchidaceus Bagn.
Anliarhinus zamiae Thunb.
Aphis rumicis L.
Apion pomonae (F.)
Brachyrhinus sp.
Bruchidius villosus (F.).
Bruchus affinis Froh.
Bruchus luteicornis Ill.
Ceutorhynchus pleurostigma (Marsh.).
Ceutorhynchus sp.
Dialeurodes chittendeni Laing.
Eriosoma crataegi (Oestl.).
Eupteryx melissae Curt.
Forficula auricularia L.
Gracilia minuta (F.).
Hofmannophila pseudostretella (Staint.).
Hylesinus frazini Panz.
Lecanium coryli (L.).
Leperisinus frazini Panz.
Liothrips vaneckei Pr.
Myzus ornatus Laing.
Pseudococcus gahani Green.
Psila rosae (F.).
Pulvinaria floccifera (Westw.).
Taeniothrips atratus Hal.
 Tortricid.
Trioza alacris Flor.

ESTONIA:

Ceutorhynchus sp.

FIJI:

Leucaspis cockerelli (deCharm.).

FINLAND:

Ips suturalis Gyll.
Pityogenes chalcographus (L.).
Psila rosae (F.).

FRANCE:

Agromyza sp.
Apion pomonae (F.).
Autographa sp.
Brachyrhinus rugosostriatus (Goeze).
Bruchidius villosus (F.).
Bruchus affinis Froh.
Bruchus loti Payk.
Bruchus luteicornis Ill.
Bruchus rufipes Hbst.
Callosobruchus ademptus (Sharp).
Ceutorhynchus pleurostigma (Marsh.).
Ceutorhynchus sp.
Coccotrypes dactyliperda (F.)
Halimococcus lampas (Ckll.).
Hypera postica Gyll.
Iridomyrmex melleus Whlr.
Lilioceris lillii (Scop.).
Liothrips vaneckei Pr.
 Olothreutid.
Phelomerus germaini Pic.
Psila rosae (F.).
Psylliodes chrysocephala (L.).
Pulvinaria floccifera (Westw.).
Taphropeltus contractus (H. S.).
Thrips angusticeps Uz.

GERMANY:

Bruchidius villosus (F.).
Bruchus affinis Froh.
Bruchus brachialis Fahr.
Ceratitis capitata (Wied.).
Ceutorhynchus sp.
Ernobius abietis (F.).
Laspeyresia strobilella (L.).
Ptychopoda sp.
Taeniothrips ericae Hal.

GREECE:

Acanthoscelides spinipes (Er.).
Anuraphis cynariella (Theob.).
Bruchus luteicornis Ill.
Lepidosaphes pistaciae Arch.
Myelois ceratoniae Zell.
Parlatoria oleae (Colvce).
Thrips angusticeps Uz.

GRENADA:

Aulacaspis mangiferae Newst.
Chrysomphalus dictyospermi (Morg.) var.

GUADELOUPE:

Pseudonidia tesserata (de Charm.).

GUATEMALA:

Anaphothrips orchidaceus Bagnall.
Anastrepha sp.
Aonidiella comperei McKenzie.
Aspidiotus destructor Sign.
Berginus nigricolor Champ.
Cerotoma atroasciata Jac.
Conotrachelus sp.
Cryphula apicatus (Dist.).
Cydamus borealis Dist.
Cyrtopeltis tenuis Reut.
Eurycipitia vestitus (Dist.).
Euschistus spurculus Stal.
Laemophloeus iteratus Sharp.
Ligyrocoris abdominalis (Guer.).
Metamasius sericeus carbonarius Chev.
Mordellistena sp., near *chapini* Ray.
Mordellistena sp.
Neoclytus cacicus Chev.
Platypus rugulosus Chapuis.
Pseudischnaspis alienus (Newst.).
Taeniothrips simplex (Morison).
Targionia sachari (Ckll.).
Tesserocerus dejeani Chapuis.
 Tineid.
Vatissius diversus Dist.
Xyleborus affinis Eichh.
Xyleborus confusus Eichh.
Xyleborus fuscatus Eichh.
Xyleborus propinquus Eichh.

HAITI:

Anastrepha monbinpraeoptans Sein.
Anastrepha sp.
Aspidiotus destructor Sign.
Cylas formicarius (F.).
Euscepes postfasciatus Fairm.
Maruca testulalis (Geyer).

Country of origin and insects—Continued

HAWAII:

Callosobruchus chinensis (L.).
Ceratitis capitata (Wied.).
Ceroplastes rubens Mask.
Coccus viridis (Green).
Cosmolyce boeticus (L.).
Dacus cucurbitae (Coq.).
Diocalandra taitensis Guern.
Furcaspis biformis (Ckll.).
Lepidosaphes auriculata (Green).
Maruca testulalis (Geyer).
Megacerus alternatus Bridwell.
Parlatoria ziziphus (Lucas).
Pectinophora gossypiella (Saund.).
Pseudoaonidia clavigera (Ckll.).
Pseudoaonidia tessera (deCharm.).
Ripersia palmarum (Ehrh.).
Sternochetus mangiferae F.
Taeniothrips hawaiiensis (Morg.).
Trionymus sacchari (Ckll.).

HONDURAS:

Anastrepha serpentina (Wied.).
Anastrepha sp., prob. *mombinpraepoptans* Sein.
Anastrepha sp., prob. *serpentina* (Wied.).
Bolbonota pictipennis Fairm.
Brentus mexicanus Boh.
Cercyon quisquilius L.
Chrysomphalus boweyi (Ckll.).
Eurycyptia vestitus Dist.
Hyppispyla grandella (Zell.).
Metamasius sericeus Oliv.
Platypus rugulosus Chapuis.
Taeniothrips simplex (Morison).
Tenthecoris bicolor Scott.
Termes panamaensis Snyder.
Tesserocerus dejeani Chapuis.
 Tineid.

HUNGARY:

Bruchus brachialis Fahr.
Bruchus rufipes Hbst.

INDIA:

Callosobruchus analis (F.).
Corcyra cephalonica (Staint.).
Cylas formicarius F.
Dinoderus bifoveolatus Wolls.
Heterobostrychus aequalis Waterh.
Mertila malayensis Dist.
Pulvinaria floccifera (Westw.).
Sinoxylon anale Lesne.

IRELAND:

Allantus cinctus (L.).
Psila rosae (F.).
Rhinocola ericae Curt.

ITALIAN SOMALILAND:

Caryedon sp.

ITALY:

Acalypta parvula (Fall.).
Acrolepia assectella (Zell.).
Agriotes sp.
Agromyza sp.
Bruchidius gilvus (Gyll.).
Bruchidius lividimanus retamae (Vogel).
Bruchidius villosus (F.).
Bruchus brachialis Fahr.
Bruchus pallidicornis (Boh.).
Callosobruchus chinensis (L.).
Ceratitis capitata (Wied.).
Ceroplastes rusci (L.).
Ceutorhynchus quadridens (Panz.).
Ceutorhynchus sp., possibly *rapae* Gyll.
Ceutorhynchus sp.
Creontiades pallidus (Ramb.).
Curculio sp.
Dacus oleae Gmel.
Diaspis visci (Schr.).
Epidiaspis piricola (del Guer.).
Euspermophagus cardui (Boh.).
Grapholitha sp.
Hypoborus ficus Er.
Hypocassida subferruginea (Schr.).
Ischnorhynchus ericae Horv.
Laspeyresia splendana (Hbn.).
Lepidosaphes ficus (Sign.).
Mecinus circulatus (Marsh.).
Megastigmus pistaciae Walk.
Myelois ceratoniae Zell.
Myelois sp.
Nicobium castaneum Oliv.

ITALY—Continued.

Oligomerus brunneus (Oliv.).
Parlatoria oleae (Colvee).
Parlatoria ziziphus (Lucas).
Pectinophora gossypiella (Saund.).
Phytomyza sp.
Plinthisus brevipennis (Latr.).
Pogonocherus hispidulus (Piller).
Polychrosis botrana (Schiff.).
Pseudoaonidia paeoniae (Ckll.).
Psila rosae (F.).
Psylliodes chrysocephala (L.).
Sitona limosa Rossi.
Thrips angusticeps Uzel.
 Tineid.
Trioza alacris Flor.
Tropistethus fasciatus Ferr.

JAMAICA:

Agromyza sp.
Aleurocanthus woglumi Ashby.
Anastrepha mombinpraepoptans Sein.
Bruchus luteicornis Ill.
Caryedon fuscus (Goeze).
Chrysomphalus odontoglossi (Ckll.).
Coccus viridis (Green).
Cylas formicarius F.
Cyrtopeltis tenuis Reut.
Euseceps postfasciatus Fairm.
Frankliniella insularis Frankl.
Frankliniella melanommatum Wms.
Haplothrips gowdeyi Frankl.
Kurtomathrips sp., close to *morrilli* Moulton.
Orthezia praelonga Dougl.
Palaeopus costicollis Marshall.
Taeniothrips simplex (Morison).
 Tineid.

JAPAN:

Adorophyes privatana Walker.
Agromyza sp.
Aleuroplatus mammaeferus Q. & B.
Anaphothrips orchidii (Moulton).
Aspidiotus destructor Sign.
Callosobruchus ademptus (Sharp).
Callosobruchus chinensis (L.).
Ceroplastes rubens Mask.
Chilo simplex (Butl.).
Chionaspis yanonensis (Kuw.).
Coptotermes formosanus Shiraki.
Cosmolyce boeticus (L.).
Curculio sp.
Epidiaspis piricola (del Guer.).
Grapholitha sp., prob. *moesta* Busck.
Grapholitha sp.
Hellus undalis (F.).
Hercotrips errans (Williams).
Laspeyresia splendana Hbn.
Lepidosaphes camelliae Hoke.
Lepidosaphes conchiformis (Gmel.).
Lepidosaphes lasianthi (Green).
Lepidosaphes tuberculata (Malen.).
Liothrips caneckei Pr.
Maruca testulalis (Geyer).
 Olethreutid.
Parlatoria camelliae Comst.
Parlatoria theae Ckll.
Phenacaspis fujicola Kuw.
Phytomyza sp.
Poliaspis pini Mask.
Pseudoaonidia duplex (Ckll.).
Pseudoaonidia paeoniae (Ckll.).
Pseudococcus cirriculus Green.
Pseudococcus kraunhiae (Kuw.).
 Psychid.
Ptychorhynchus tsugensis Kearf.
Pyrausta nublalis (Hbn.).
Taeniothrips zanthus Hood.
 Tortricid.
 Trypetid.

JAVA:

Parlatoria pseudaspidotus Ldgr.
Parlatoria ziziphus (Lucas).
Prays endocarpa Meyr.
Pseudoaonidia trilobitiformis (Green).
Pseudococcus cirriculus Green.
Pseudococcus lilacinus Ckll.
Stephanoderes hampei Ferr.

LIBERIA:

Corcyra cephalonica (Staint.).

Country of origin and insects—Continued

MANCHURIA:

Agromyza sp.
Curculio sp.
Pectinophora gossypiella (Saund.).

MARTINIQUE:

Trionymus sacchari (Ckll.).

MEXICO:

Acanalonia laticosta Doer.
Acanthoscelides dominicanus (Jek.).
Acmaeodera tubulus (F.).
Acolothrips durati Moulton.
Agallia producta O. & B.
Agromyza sp., very close to *burgessi* Mall.
Agromyza sp.
Aleurodicus manni Baker.
Allocoris incognita McA. & M.
Allocoris interrupta (Mall.).
Alpheias conspirata Hein.
Alpheias sp.
Amorbia emigratella Busck.
Amphicerus cornutus (Pallas).
Anacentrinus blandinus Csy.
Anaphothrips orchidaceus Bagn.
Anasa uhleri Stal.
Anastrepha distincta Greene.
Anastrepha fraterculus (Wied.).
Anastrepha ludens (Lw.).
Anastrepha mombinpraoptans Sein.
Anastrepha serpentina (Wied.).
Anastrepha sp.
Andricus ruginosus Bassett.
Anthonomus funereus Champ.
Anthonomus mexicanus Boh.
Archimerus scutellaris (Stal.).
Arvelius albopunctatus (Deg.).
Asterolecanium aureum (Bdv.).
Aufeius impressicollis Stal.
Autographa sp.
Baldulus elimatus (Ball).
Brachystylus tamaulipanus Champ.
Brochymena aculeata Dist.
Brochymena sulcata Van D.
Bruculatrix sp., prob. *thurberiella* Busck.
Bythoscopus misellus (Stal.).
Calgupha punctifer McA. & M.
Carsidara dugesii Loew.
Cerapachys augustae Whlr.
Ceratocapsus punctulatus (Reut.).
Chaetopsis fulvifrons Macq.
Chalcodermus sp.
Chilo sp.
Chirothrips falsus Pr.
Chrysobothris guatemalensis Thoms.
Chrysomphalus dictyospermi (Morg.) var.
Chrysomphalus nigropunctatus (Ckll.).
Chrysomphalus personatus (Comst.).
Cligenes delineata (Dist.).
Conotrachelus flavangulus Champ.
Conotrachelus leucophaeus Fahr.
Conotrachelus sp., possibly *nenuphar* (Hbst.).
Conotrachelus sp., apparently *seniculus* Lec.
Conotrachelus sp.
Corizus sidae (F.).
Crociosema plebeiana Zell.
Curculio sp.
Cylas formicarius (F.).
Cylindrocopturus armatus Champ.
Cyrtopeltis tenuis Reut.
Cyrtopeltis varians (Dist.).
Delphacodes campestris (VanD.).
Diaphania sp.
Dikraneura cockerelli Gill.
Disonycha antennata Jac.
Draeculacephala minerva Ball.
Draeculacephala portola Ball.
Drasterius cribratus Lec.
Dysdercus mimulus Hussey.
Eleodes tricostata Say.
Empoasca abrupta DeL.
Empoasca solana DeL.
Epicaerus cognatus Sharp.
Epilachna varietis Muls.
Epinotia opposita Hein.
Epocha sp.
Eucalandra setulosa (Gyll.).
Eucnocerus anthrenoides Sharp.
Eumecosomyia nubila (Wied.).
Euryophthalmus cinctus (H. S.).

MEXICO—Continued.

Euschistus obscurus (P. B.).
Eustictus minimus Kagt.
Euzesta stigmatius Lw.
Eritianus obscurinervis (Stal.).
Erpochiamera oblonga (Stal.).
Forsebia perlaeta (Hy. Edw.).
Frankliniella cephalica (Crawf.).
Frankliniella fortissima Pr.
Frankliniella williamsi Hood.
Franklinothrips vespiformis (Crawf.).
Gastrothrips sp.
Geocoris sonoraensis VanD.
Geotomus parvulus Sign.
Gerstaeckeria multilaria (Gerst.).
Gnorimoschema gudmannella (Wlsm.).
Grapholtha saltians Westwood.
Grapholtha sp.
Hapllothrips gowdeyi (Frankl.).
Helipus sp.
Heliodines bella Chambers.
Homocoesma electellum (Hlst.).
Hypsipyga grandella (Zell.).
Hypospora nogalata Ball.
Isochaetothrips sp.
Kaloterms snyderi Light.
Keiferia lycopersicella (Busck).
Laspeyresia membroso Hein.
Lepidosaphes carinata (Ckll.).
Lepidosaphes philococcus (Ckll.).
Leptodictya plana Heid.
Leucopocila albofasciata Reut.
Leuronota maculata (Crawf.).
Ligyrocoris nitidicollis Stal.
Ligyrocoris nitidulus (Uhl.).
Ligyrocoris setosus (Stal.).
Lineodes integra (Zell.).
Lophocateres pusillus (Klug).
Lorita abornana Busck.
Lorita abornana chatka Busck.
Lygaeus lateralis Dall.
Lygaeus pulchellus F.
Lygaeus vitticutis Stal.
Lygus elisus Van D.
Lygus sallei Stal.
Macrosteles divisus (Uhl.).
Mamurius mopsus Stal.
Marmara sp., near *opuntiella* Busck.
Marmara sp.
Matigramma rubrosuffusa Grt.
Metamasius sericeus Oliv.
Micrapate scapularis (Gorh.).
Monelma opuntiae Fisher.
Monotoma centralis Sharp.
Moodna bisinuella Hamp.
Mordellistena chapini Ray.
Mordellistena sp.
Mormidea collaris Dall.
Mormidea cubrosa (Dall.).
Mormidea pictiventris Stal.
Myelois venipars Dyar.
Myelois sp.
Nabis alternata Parsh.
Nabis angustatus Parsh.
Naucles pusio (Lec.).
Neella generosa (Stal.).
Nesosteles incisus (Mats.).
Neurocolpus mexicanus Dist.
Neuroctamus simplex Uhl.
Nicobium hirtum Ill.
Nysius ericæ (Schill.).
Nysius monticola Dist.
Ogdoecosta biannularis (Boh.).
Olethreutid.
Oliarus concinnulus Fowl.
Orthaea bilobata (Say).
Orthaea sercillei (Guer.).
Orthaea vineta (Say).
Pectinophora gossypiella (Saund.).
Peregrinus maidis (Ashm.).
Phlepsiopus utahus Ball.
Phyllotreta albionica (Lec.).
Physonota attenuata Boh.
Phytomyza sp.
Pinnaspis minor Mask. var.
Placosternus difficilis (Chevr.).
Plotynota stultana (Wlsm.).
Plotynota sp.

Country of origin and insects—Continued

MEXICO—Continued.

Platypus rugulosus Chapuis.
Pleurophorus batesi Arr.
Prodenia latifascia (Wlk.).
Protopulvinaria pyriformis (Ckll.).
Psallus seriatus (Reut.).
Pseudococcus boninensis (Kuw.).
Psila rosae Fab.
Psychid.
Ptychopoda bonifata (Hlst.).
Ptychopoda sp.
Pulvinaria floccifera (Westw.).
Pycnoderes quadrimaculatus Guer.
Pyroderes sp.
Rhagoletis pomonella (Walsh).
Rhagoletis sp.
Rhinacloa forticornis Reut.
Saphytopius irroratus (VanD.).
Scirtothrips prosopis Hood.
Setomorpha insectella (F.).
Simulium virgatum Coq.
Sisamnes contractus Dist.
Sizeonotus areolatus Kngt.
Stenoma sp.
Stephanoderes guatemalensis Hopk.
Strymon citrula Hew.
Sylepta silicalis (Gn.).
Taeniothrips simplex (Morison).
Teleonemia nigrina Champ.
Teleonemia sorupulosa Champ.
Temnochila metallica Perch.
Tetraleurodes acaciae (Quaint.).
Tineid.
Tortricid.
Traxus fulvus Metc.
Trialeurodes varia Q. & B.
Trionymus sacchari (Ckll.).
Trogosyloz prostomoides Gorb.
Trypetid.
Vanduzeeia laeta segmentata (Fowl.).
Vilga mexicana Dist.
Xyleborus affinis Eichh.
Xyleborus confusus Eichh.
Xyleborus fuscatus Eichh.
Xyleborus torquatus Eichh.
Zabrotes subfasciatus (Boh.).

MOROCCO:

Ceutorhynchus sp.
Ezosoma lusitanica L.
Psylliodes chrysocephala (L.).

NETHERLANDS:

Agromyza sp.
Allantus cinctus (L.).
Amphorophora azaleae Mason.
Apion pomonae (F.).
Barathra brassicae (L.).
Brachyrhinus sp.
Bruchus affinis Froh.
Bruchus luteicornis Ill.
Callosobruchus ademptus Sharp.
Ceutorhynchus pleurostigma (Marsh.).
Ceutorhynchus sp.
Endrosis lacteella (Schiff.).
Eumerus sp.
Forficula auricularia L.
Frankliniella tenuicornis (Uzel).
Gracilia minuta (F.).
Hofmannophila pseudospretella (Staint.).
Merodon sp.
Myelophilus minor Hartig.
Phyllotreta undulata (Kutsch.).
Phytomyza sp.
Psila rosae (F.).
Sitona lineata L.
Tineid.
Stephanoderes hampei Ferr.
Trionymus peregrinus (Green).

NEW FOUNDLAND:

Olethreutid.
Tortricid.
NEW ZEALAND:
Eriosoma crataegi (Oestl.).
Taeniothrips simplex (Morison).

NICARAGUA:

Acanthoscelides dominicanus Jek.
Laemophloeus iteratus Sharp.
Platypus rugulosus Chapuis.

NICARAGUA—Continued.

Xyleborus fuscatus Eichh.
Xyleborus propinquus Eichh.
NORWAY:
Pityogenes chalcographus (L.).
PALESTINE:
Ceratitidis sp.
Parlatoria cinerea Hadden.
PANAMA:
Amblycerus nigromarginatus (Mots.).
Anastrepha sp.
Aspidiotus destructor Sign.
Cephaloleia pretiosa Baly.
Dactylosternum centrale Sharp.
Diaphania sp.
Eumecosomyia nubila Wied.
Frankliniella cephalica (Crawf.).
Fulvius quadristellatus (Stal).
Furcaspis biformis (Ckll.).
Leucaspis cockerelli deCharm.
Platypus rugulosus Chapuis.
Taeniothrips simplex (Morison).
Tapinoma melanocephalum (F.).
Tortricid.

PERU:

Dinoderus bifoveolatus Woll.
Taeniothrips simplex (Morison).

PHILIPPINES:

Anaphothrips orchidii (Moulton).
Aspidiotus coryphae Ckll.
Bitoma parallela (Sharp).
Corcyra cephalonica (Staint.).
Curculio sp.
Diocalandra taitensis Guer.
Furcaspis biformis (Ckll.).
Odonaspis penicillata Green.
Orchidophilus aterrimus (Waterh.).
Orchidophilus sp.
Parlatoria pseudaspidotus Lindgr.
Parlatoria ziziphus (Lucas).
Pinnaspis townsendi Ckll.
Pseudonidia curculiginis (Green).
Pseudococcus lilacinus Ckll.

POLAND:

Baris lepidii Germ.

PORTUGAL:

Bruchus luteicornis Ill.
Bruchus tristictulus Fahr.
Ceratitidis capitata (Wied.).
Ceutorhynchus sp.
Curculio sp.
Dacus oleae Gmel.
Forficula auricularia L.
Iridomyrmex humilis Mayr.
Laspeyresia splendana (Hbn.).
Leucaspis loewi Colvée.

PRINCE EDWARD ISLAND:

Tetraleurodes ursorum (Ckll.).

PUERTO RICO:

Anastrepha mombinpraecipitans Sein.
Anastrepha suspensa (Lw.).
Coccus riridis (Green).
Corcyra cephalonica (Staint.).
Cylas formicarius (F.).
Maruca testulalis (Geyer).
Metamasys hemipterus L.
Pectinophora gossypiella (Saund.).
Pinnaspis minor strachani Cooley.
Reuteroseopus uridus (Dist.).
Taeniothrips simplex (Morison).
Tineid.
Toxotrypana curticauda (Gerst.).

RUMANIA:

Agromyza sp.
Bruchus affinis Froh.
Bruchus luteicornis Ill.
Bruchus rufipes Hbst.

ST. HELENA:

Liothrips raneekae Pr.

ST. KITS:

Setomorpha insectella (F.).

ST. VINCENT:

Palaeopus costicollis Marsh.

Targionia hartii (Ckll.).

SALVADOR:

Platypus rugulosus Chapuis.
Xyleborus propinquus Eichh.

Country of origin and insects—Continued

SCOTLAND:

- Bruchus luteicornis* Ill.
Ceutorhynchus pleurostigma Marsh.
Ceutorhynchus sp.
Forficula auricularia L.
Gelechia ericetella (Hbn.).
Hofmannophila pseudospretella (Staint.).
Micrelus ericae Gyll.
Myzus ornatus Laing.
Olethreutid.
Orthotylus virens (Fall.).
Psila rosae (F.).
Rhinocola ericae Curt.
Taeniothrips atratus (Hal.).
Taeniothrips ericae (Hal.).
Tortricid.
Ulopa reticulata (F.).

SOUTH AMERICA:

- Eurytoma orchidearum* (Westw.).
Vinsonia stellifera (Westw.).

SOUTHWEST AFRICA:

- Chionaspis humilis* Brain.

SPAIN:

- Bruchus luteicornis* Ill.
Ceratitis capitata (Wied.).
Ceutorhynchus sp.
Forficula auricularia L.
Parlatoria ziziphus (Lucas).

STRAITS SETTLEMENTS:

- Aspidiotus destructor* Sign.
Parlatoria pseudaspidotus Ldgr.
Pseudonidia tessarata (deCharm.).

SWEDEN:

- Acrolepia assectella* (Zell.).
Ceutorhynchus pleurostigma (Marsh.).
Ceutorhynchus sp.
Pityogenes chalcographus (L.).
Trypetid.

SWITZERLAND:

- Acalypta musci* (Schr.).
Bruchidius villosus (F.).
Lecanium coryli (L.).
Tortricid.
Trypetid.

SYRIA:

- Bruchus erti* Frol.

TAIWAN:

- Parlatoria ziziphus* (Lucas).

TANGANYIKA:

- Coccotrypes pygmaeus* Eichh.
Stephanoderes hampei Ferr.

THAILAND:

- Olethreutid.
Orchidophilus sp.

TONGA ISLAND:

- Setomorpha insectella* (F.).

TRINIDAD:

- Acanthoscelides armitagei* (Pic.).
Anastrepha serpentina (Wied.).
Anastrepha sp.
Aspidiotus spinosus Comst.
Asterolecanium aureum Bdv.
Aulacaspis mangiferae Newst.
Coccus viridis (Green).
Dercynus micronyx Champ.

TRINIDAD—Continued.

- Etuscepes postfasciatus* Fairm.
Furcaspis biformis (Ckll.).
Leptostylus testaceus Frol.
Parlatoria cinerea Hadden.
Parlatoria pseudaspidotus Ldgr.
Phelomerus aberrans (Sharp).
Pinnaspis minor strachani Cooley.
Pulvinaria floccifera (Westw.).
Puto barberi (Ckll.).
Tarionia hartii (Ckll.).
Tenthoris bicolor Scott.
Tineid.
Vinsonia stellifera (Westw.).

TURKEY:

- Andricus glandium* Gir.
Callirhytis glandulosa Weld.
Merodon sp.
Tineid.

UNION OF SOUTH AFRICA:

- Antliarhinus zamiae* Thunb.
Asterolecanium stentae Brain.
Carydon sp.
Ceratitis sp.
Dacus sp.
Diaspis zamiae (Morg.).
Frankliniella schultzei Tryb.
Haplothrips nigricornis Bagn.
Olethreutid.
Phytocinus callosus Boh.
Taeniothrips fumosa Tryb.
Taeniothrips simplex (Morison).
Trypetid.

VENEZUELA:

- Asterolecanium aureum* (Bdv.).
Aulacaspis mangiferae Newst.
Chrysomphalus umboniferus Newst.
Coccus viridis (Green).
Conchaspis angraei Ckll.
Diaphania sp.
Epinotia opposita Hein.
Eurytoma orchidearum (Westw.).
Explotchiomera tumens (Stal).
Fulvius sp.
Furcaspis biformis (Ckll.).
Heraeus cincticornis Stal.
Iridomyrmez iniquus Mayr.
Mordellistena cattlejana Champ.
Phytomyza sp.
Psychid.
Sinoxylon conigerum Gerst.
Tenthoris bicolor Scott.
Tineid.
Tortricid.
Vinsonia stellifera (Westw.).
Zophobas morio (F.).

WALES:

- Ceutorhynchus* sp.

WEST AFRICA:

- Cylas femoralis* Faust.
Cylas puncticollis Boh.

YUGOSLAVIA:

- Brachylacon murinus* L.

ZANZIBAR:

- Pseudonidia trilobitiformis* (Green).

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES							
<i>Acrospira mirabilis:</i> <i>Castanea mollissima</i> (hairy chestnut).	Japan			1			Wash.
<i>Alternaria citri:</i> <i>Citrus nobilis</i> (king orange)	do					1	Wash.
<i>Citrus sinensis</i> (orange)	China			1			Wash.
<i>Alternaria dianthi:</i> <i>Dianthus</i> sp.	England		1				D. C.
<i>Alternaria fasciculata</i> (?): <i>Lycopersicum esculentum</i> (tomato).	Cuba	1					Fla.*
<i>Alternaria mali:</i> <i>Malus sylvestris</i> (apple)	Mexico			1			Tex.
<i>Anguina tritici:</i> <i>Triticum aestivum</i> (wheat)	Afghanistan, Iran	19		1			D. C.
<i>Aphelenchoides fragariae:</i> <i>Aconitum nepellus bicolor</i>	Netherlands	1					D. C.
<i>Convallaria majalis</i> (lily-of-the-valley).	Germany, Netherlands	5					N. Y.
<i>Aphelenchoides huntii:</i> <i>Alstroemeria</i> sp.	England		1				D. C.
<i>Ipomoea batatas</i> (sweet potato)	Sierra Leone	1					Pa.
<i>Aphelenchoides parietinus:</i> <i>Aglaonema</i> sp.	China	1					N. Y.
<i>Allium sativum</i> (garlic)	Rumania	2					N. Y.
<i>Cattleya gigas</i> (orchid)	Colombia	1					N. Y.
<i>Convallaria majalis</i> (lily-of-the-valley).	Denmark, Germany	2					N. Y.
<i>Cymbopogon citratus</i> (lemon-grass).	Java		1				D. C.
<i>Cymbopogon nardus</i> (citronella-grass).	do		1				D. C.
<i>Fritillaria imperialis</i> (crown imperial).	Netherlands	1					N. Y.
<i>Galanthus</i> sp. (snowdrop)	do	1					Mass.
<i>Gladiolus</i> sp.	do	1					D. C.
<i>Gloxinia</i>	do	1					N. Y.
<i>Lilium tenuifolium</i> (coral lily)	do	2					N. Y.
<i>Lilium</i> sp. (lily)	France	1					N. Y.
<i>Narcissus</i> sp.	Netherlands	3					N. Y., Pa.
<i>Solanum tuberosum</i> (potato)	Norway					1	N. Y.
<i>Xanthosoma</i> sp. (malanga)	Cuba	2					N. Y.
<i>Zingiber officinale</i> (ginger)	China, Cuba	4					N. Y.
<i>Aphelenchoides subtenuis:</i> <i>Allium neapolitanum</i>	Netherlands	1					D. C.
<i>Narcissus</i> sp.	do	1					N. Y.
<i>Aphelenchus avenae:</i> <i>Allium sativum</i> (garlic)	Rumania	2					N. Y.
<i>Chionodoxa</i> sp.	Netherlands	1					N. Y.
<i>Crocus</i> sp.	do	1					N. Y.
<i>Fritillaria imperialis</i> (crown imperial).	do	1					N. Y.
<i>Solanum tuberosum</i> (potato)	Norway					1	N. Y.
<i>Apiosporella rhodophila:</i> <i>Rosa chinensis manetti</i>	Ireland	1					N. Y.
<i>Aplanobacter michiganense:</i> <i>Lycopersicum esculentum</i> (tomato).	Mexico	7		42			Tex.
<i>Aschersonia cubensis:</i> <i>Zamia latifoliata</i>	Puerto Rico				1		N. Y.
<i>Aspergillus alliaceus:</i> <i>Muscari comosum</i> (cipollino)	Morocco	2					N. Y.
<i>Aspergillus flavus:</i> <i>Vigna sinensis</i> (cowpea)	Cuba			1			Fla.*
<i>Aspergillus glaucus:</i> <i>Persea americana</i> (avocado)	Mexico			1			Tex.
<i>Bacterium campestre:</i> <i>Brassica oleracea capitata</i> (cabbage).	Japan					1	Pa.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES—continued							
<i>Bacterium citri:</i>							
<i>Citrus aurantifolia</i> (lime).....	India, Philippines.....					2	Mass., Pa.
<i>Citrus grandis</i> (pomelo).....	China, Straits Settlements, Thailand.....			1		3	Md., N. Y., Pa., Wash.
<i>Citrus grandis</i> (shaddock).....	Java.....					1	Mass.
<i>Citrus limonia</i> (lemon).....	Java, Spain (?).....					4	Mass., N. Y., Pa.
<i>Citrus sinensis</i> (orange).....	Japan.....					6	Calif.,* Md., Pa., Wash.
<i>Bacterium hyacinthi:</i>							
<i>Hyacinthus</i> sp.....	Netherlands.....	1					Mass.
<i>Bacterium phaseoli:</i>							
<i>Phaseolus</i> sp. (string bean).....	Mexico.....			6			Tex.
<i>Bacterium pisi:</i>							
<i>Pisum sativum</i> (pea).....	Japan, Mexico.....			5		1	Pa., Tex.
<i>Bacterium punctilans:</i>							
<i>Lycopersicum esculentum</i> (to- mato).....	Mexico.....	11					Ariz.
<i>Botrytis allii:</i>							
<i>Allium cepa</i> (onion).....	Mexico, Portugal.....	1		12		2	Ariz., N. Y., Tex.
<i>Botrytis galanthina:</i>							
<i>Galanthus elwesii</i> (giant snow- drop).....	Netherlands.....	1					N. Y.
<i>Galanthus nivalis</i> (snowdrop) ..	Netherlands, Turkey.....	90	1				Mass., Mich., N. Y., Pa.
<i>Botrytis narcissicola:</i>							
<i>Narcissus</i> sp.....	Netherlands.....	41					Mass., N. Y.
<i>Botrytis tulipae:</i>							
<i>Tulipa</i> sp. (tulip).....	do.....	4					Mich., Pa., Wash.
<i>Cephalobus persegnis:</i>							
<i>Xanthosoma</i> sp.....	Cuba.....	1					N. Y.
<i>Cephalosporium lecanii:</i>							
<i>Coccus acuminatus</i> on gardenia leaf.....	do.....			1			Fla.*
<i>Coccus viridis</i> on coffee.....	Colombia, Cuba, Puerto Rico.....			2	1		Fla.*
<i>Coccus viridis</i> on <i>Gardenia florida</i>	Cuba.....				1		Fla.*
<i>Coccus viridis</i> on <i>Izora</i> sp.....	Trinidad.....			1			Fla.*
<i>Ceratostomella fimbriata:</i>							
<i>Ipomoea batatas</i> (sweetpotato) ..	Japan, Mexico, St. Vincent			2		1	Mass., Tex., Wash.
<i>Cercospora althaeina:</i>							
<i>Gossypium</i> sp. (cotton).....	Mexico.....			2			Tex.
<i>Hibiscus syriacus</i> (?).....	do.....			1			Tex.
<i>Cercospora angrei:</i>							
<i>Odontoglossum</i> sp. (orchid).....	England.....	4					D. C.
<i>Cercospora atricincta:</i>							
<i>Zinnia</i> sp.....	Mexico.....			1			Tex.
<i>Cercospora handeli:</i>							
<i>Azalea indica</i> (azalea).....	Belgium.....	6					D. C.
<i>Cercospora ipomoeae:</i>							
<i>Ipomoea pes-caprae</i>	Mexico.....			1			Tex.
<i>Cercospora musae:</i>							
<i>Musa</i> sp. (banana).....	Colombia, Cuba, Gua- temala, Honduras, Mexico.....	15					Mass., N. Y., Tex., Wash.
<i>Cercospora rhododendri:</i>							
<i>Rhododendron</i> sp.....	Canada.....	1					Wash.
<i>Cercospora zinniae:</i>							
<i>Zinnia</i> sp.....	Mexico.....			1			Tex.
<i>Cercosporella euonymi:</i>							
<i>Euonymus</i> sp.....	Japan.....				1		Wash.
<i>Chrysomyra rhododendri:</i>							
<i>Rhododendron</i> sp.....	Switzerland.....			2			D. C.
<i>Cladosporium cucumerinum:</i>							
<i>Cucumis sativus</i> (cucumber).....	Cuba.....	1					Fla.*
<i>Claviceps paspali:</i>							
<i>Paspalum</i> sp.....	Colombia.....	1					N. Y.
<i>Coleosporium campanulae:</i>							
<i>Campanula</i> sp.....	England.....			1			D. C.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES—continued							
<i>Coleosporium solidaginis:</i>							
<i>Aster</i> sp.-----	Canada-----			1		N. Y.	
<i>Colletotrichum cajani:</i>							
<i>Cajanus indicus</i> (pigeon pea)....	Puerto Rico-----			3		N. Y.	
<i>Colletotrichum destructivum:</i>							
<i>Medicago sativa</i> (alfalfa)-----	Mexico-----			1		Tex.	
<i>Colletotrichum falcatum:</i>							
<i>Saccharum officinarum</i> (sugarcane).	Cuba, Mexico-----			3	1	Fla.,* Tex.	
<i>Colletotrichum graminicolum:</i>							
Grass-----	Arabia-----	1				N. Y.	
<i>Colletotrichum hedericola</i> (?):							
<i>Hedera</i> sp. (ivy)-----	Mexico-----			1		Tex.	
<i>Colletotrichum lagenarium:</i>							
<i>Cucurbita pepo</i> (pumpkin)-----	Brazil-----				1	Pa.	
<i>Cucurbita pepo</i> (vegetable marrow).	Japan-----				1	Wash.	
<i>Sechium edule</i> (chayote)-----	Cuba-----				1	Tex.	
<i>Colletotrichum macrosporum:</i>							
<i>Brassia caudata</i> (orchid)-----	Dominican Republic-----			1		D. C.	
<i>Cymbidium jinlaysonianum</i> (orchid).	Philippines-----			1		Calif.*	
<i>Colletotrichum orchidearum:</i>							
<i>Cattleya gigas</i> (orchid)-----	Colombia-----	2				Calif.,* N. Y.	
<i>Cattleya trianae</i> (orchid)-----	do-----	1				N. Y.	
<i>Odontoglossum</i> sp. (orchid)-----	England-----	1				Wash.	
<i>Oncidium cavendishianum</i> (orchid).	Guatemala-----	1				Calif.*	
<i>Oncidium kramerianum</i> (orchid).	Colombia-----	1				Calif.*	
<i>Oncidium</i> sp. (orchid)-----	do-----	1				Calif.*	
Orchid-----	do-----	1				N. Y.	
<i>Stanhopea</i> sp. (orchid)-----	Mexico-----	1				Calif.*	
<i>Colletotrichum phomoides:</i>							
<i>Lycopersicon esculentum</i> (tomato).	Cuba, Mexico-----	1		9		La., Tex	
<i>Physalis</i> sp. (husk tomato)-----	Mexico-----			1		Tex.	
<i>Colletotrichum pisi:</i>							
<i>Pisum sativum</i> (pea)-----	do-----			5		Tex.	
<i>Colletotrichum stanhopeae:</i>							
<i>Lycaste</i> sp. (orchid)-----	do-----	1				D. C.	
<i>Stanhopea</i> sp. (orchid)-----	do-----	1	1			D. C.	
<i>Colletotrichum truncatum:</i>							
<i>Phaseolus lunatus macrocarpus</i> (lima bean).	Cuba-----	1				N. Y.	
<i>Coryneum leijerinckii:</i>							
<i>Am, adulus persica</i> (peach)-----	Italy-----				1	Mass.	
<i>Coryneum foliocolum:</i>							
<i>Pyrus communis</i> (pear)-----	France-----			1		N. Y.	
<i>Coryneum microstictum:</i>							
<i>Kerria japonica</i> (kerria)-----	Japan-----	1				Wash.	
<i>Rosa chinensis manetti</i> -----	Ireland-----	1				N. Y.	
<i>Cryptospora longispora:</i>							
<i>Araucaria excelsa</i> (Norfolk island-pine).	New Zealand-----		1			D. C.	
<i>Cumminsella sanguinea:</i>							
<i>Mahonia</i> sp.-----	Italy-----	1				D. C.	
<i>Cylindrosporium castanicolum:</i>							
<i>Castanea sativa</i> -----	do-----			1		N. Y.	
<i>Cylindrosporium chrysanthemi:</i>							
<i>Chrysanthemum</i> sp.-----	Mexico-----			21		Tex.	
<i>Cytospora amurens:</i>							
<i>Castanea</i> sp. (chestnut)-----	England, France, Italy-----	3				N. Y.	
<i>Fagus sylvatica</i> (European beech).	England-----	1				N. Y.	
<i>Darlucu filum:</i>							
<i>Holcus sorghum</i> (sorghum)-----	Mexico-----			1		Tex.	
<i>Secale cereale</i> (rye)-----	Portugal-----	1				Pa.	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES—continued							
<i>Diplodia tubericola:</i>							
<i>Colocasia esculenta</i> (taro)-----	China-----	1					
<i>Dioscorea</i> sp. (yam)-----	West Africa-----				1	Wash. Pa.	
<i>Ipomoea batatas</i> (sweetpotato)---	Argentina, Mexico, Peru, Sierra Leone, Union of South Africa.	1		1	3	La., Pa., Tex.	
<i>Manihot esculenta</i> (cassava)-----	Sierra Leone-----	1				Pa.	
<i>Pueraria thunbergiana</i> (kudzu)---	China-----	1				N. Y.	
<i>Discosia artoceas:</i>							
<i>Camellia japonica</i> (camellia)-----	Japan-----	1				Wash.	
<i>Ditylenchus dipsaci:</i>							
<i>Allium caeruleum</i> -----	Netherlands-----	1				D. C.	
<i>Allium cepa</i> (onion)-----	England-----				1	N. Y.	
<i>Amaryllis formosissima</i> -----	Netherlands-----	1				D. C.	
<i>Chionodoxa lucilae</i> (glory-of-the- snow).-----	do-----	12				N. Y.	
<i>Chionodoxa sardensis</i> -----	do-----	1				Pa.	
<i>Connallaria majalis</i> (lily-of-the- valley).-----	Germany, Netherlands---	2				N. Y.	
<i>Hyacinthus</i> sp.-----	France, Netherlands-----	8				N. Y.	
<i>Iris</i> sp.-----	Netherlands-----	94	1			D. C., Wash.	
<i>Muscari</i> sp.-----	do-----	6				N. Y.	
<i>Narcissus</i> sp.-----	do-----	1	1			D. C., N. Y.	
<i>Scilla sibirica</i> (Siberian squill)---	do-----		1			D. C.	
<i>Scilla</i> sp.-----	do-----	3				N. Y.	
<i>Solanum tuberosum</i> (potato)-----	England-----				1	Tex.	
<i>Tigridia</i> sp.-----	Netherlands-----	7	3			D. C.	
<i>Ditylenchus intermedius:</i>							
<i>Xanthosoma</i> sp.-----	Cuba-----	1				N. Y.	
<i>Elsinoe australis:</i>							
<i>Citrus sinensis</i> (orange)-----	Brazil-----				2	N. Y.	
<i>Epichloe typhina:</i>							
<i>Festuca</i> sp. (fescue)-----	Arabia-----	1				N. Y.	
<i>Epicoccum nigrum:</i>							
<i>Capasicum annuum</i> (pepper)-----	Mexico-----	2		1		Ariz.	
<i>Erinose:</i>							
<i>Acer pseudoplatanus</i> (sycamore maple).-----	England-----				1	N. Y.	
<i>Betula</i> sp. (birch)-----	Poland-----			1		N. Y.	
Unidentified leaf-----	Guatemala-----	1				Mass.	
<i>Erysiphe cichoracearum:</i>							
<i>Cucurbita pepo</i> (pumpkin)-----	Mexico-----			2		Tex.	
<i>Dahlia</i> sp.-----	do-----			1		Tex.	
<i>Tagetes florida</i> (marigold)-----	do-----			1		Tex.	
<i>Zinnia</i> sp.-----	do-----			1		Tex.	
<i>Erysiphe polygoni:</i>							
<i>Cuminum cyminum</i> -----	Malta-----	1				N. Y.	
<i>Psium sativum</i> (pea)-----	France, Mexico-----	2		21	1	Ariz., N. Y., Tex.	
<i>Soja max</i> (soybean)-----	Japan-----				1	Md.	
<i>Eutypa bambusina:</i>							
Bamboo-----	Dutch East Indies-----	1				N. Y.	
<i>Fusicladium depressum:</i>							
<i>Foeniculum vulgare</i> (fennel)-----	Italy-----	1			2	N. Y.	
<i>Fusicladium eriobotryae:</i>							
<i>Eriobotryc japonica</i> (loquat)---	do-----			1	1	N. Y.	
<i>Fusicoccum microspermum:</i>							
<i>Terminalia catappa</i> (tropical almond).-----	Puerto Rico-----				1	N. Y.	
<i>Fusicoccum quercinum:</i>							
<i>Quercus</i> sp.-----	Germany-----	1				D. C.	
<i>Gibberella snubinetii:</i>							
<i>Triticum aestivum</i> (wheat)-----	England-----	1				N. Y.	
<i>Gloeosporium cattleyae:</i>							
<i>Cattleya gaskelliana</i> (orchid)-----	Venezuela-----			1		N. Y.	
<i>Cattleya gigas</i> (orchid)-----	Colombia-----	1				Calif.*	
<i>Cattleya mossiae</i> (orchid)-----	Venezuela-----			1		N. Y.	
<i>Cattleya persialiana</i> (orchid)-----	do-----			1		N. Y.	
<i>Cattleya skinneri</i> (orchid)-----	do-----			1		N. Y.	
<i>Gloeosporium crocatum:</i>							
<i>Fedilonthus</i> sp.-----	Mexico-----		1			Calif.*	

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES—continued							
<i>Gloeosporium cymbidii:</i> <i>Cymbidium</i> sp. (orchid).....	Japan.....	1					Calif.*
<i>Gloeosporium fructigenum:</i> <i>Malus sylvestris</i> (apple).....	Ireland.....			1			N. Y.
<i>Pyrus communis</i> (pear).....	France.....			1			N. Y.
<i>Gloeosporium laeliae:</i> <i>Laelia anceps</i> (orchid).....	Mexico.....	2					Calif.*
<i>Gloeosporium musarum:</i> <i>Musa paradisiaca</i> (plantain)....	Cuba.....	1					N. Y.
<i>Musa</i> sp. (banana).....	Costa Rica, Ecuador, Mexico, Puerto Rico.	5		19		1	Pa., Tex., Wa*
<i>Gloeosporium odontoglossi macrospora:</i> <i>Odontoglossum</i> spp. (orchid)....	Colombia.....	1					Calif.*
<i>Gloeosporium orchidearum:</i> Orchid.....	Brazil, Colombia.....	2		2			N. Y.
<i>Gloeosporium psidii:</i> <i>Psidium guajava</i> (guava).....	Mexico.....			1			Tex.
<i>Glomerella cincta:</i> <i>Cattleya</i> sp. (orchid).....	Belgium, Colombia.....	2	1				D. C.
Orchid.....	Venezuela.....			1			N. Y.
<i>Glomerella gossypii:</i> <i>Gossypium</i> sp. (cotton) (boll)....	Mexico.....			1			Tex.
<i>Guignardia aesculi:</i> <i>Aesculus</i> sp. (horsechestnut)....	Nova Scotia.....			1			N. Y.
<i>Helminthosporium curvulum:</i> <i>Capsicum annuum</i> (pepper).....	Cuba.....	1					N. Y.
<i>Helminthosporium oryzae:</i> <i>Oryza sativa</i> (rice).....	Mexico.....		1				D. C.
<i>Hemileia oncidii:</i> <i>Oncidium</i> sp. (orchid).....	Brazil.....	2		1			D. C.
<i>Hendersonia donacis:</i> <i>Arundo donax</i> (giant reed).....	Palestine.....	1					N. Y.
<i>Heterodera marioni:</i> <i>Bryophyllum</i> sp.....	Jamaica.....			1			Ala.
<i>Daphne genkwa</i> (lilac daphne)....	Japan.....		1				Calif.*
<i>Nepenthes ventricosa</i>	Philippines.....		1				Calif.*
<i>Tabebuia ipe amarillo</i>	Brazil.....			1			D. C.
<i>Heterosporium allii:</i> <i>Allium sativum</i> (garlic).....	Italy.....	1					N. Y.
<i>Heterosporium echinulatum:</i> <i>Dianthus</i> sp. (carnation).....	Guatemala, Mexico.....			3			Tex.
<i>Ijuhya vitrea:</i> <i>Aglaonema</i> sp.....	China.....	1					Calif.*
<i>Kuehneola malvicola:</i> <i>Hibiscus syriacus</i> (althea).....	Mexico.....			2			Tex.
<i>Leptosphaeria musarum:</i> <i>Musa</i> sp., probably <i>sapientum</i>	Colombia.....	1					D. C.
<i>Leptosphaeria rusci:</i> <i>Ruscus aculeatus</i> (butchers-broom). <i>Leptothyrium macrothecium:</i> <i>Paeonia</i> sp.....	Italy.....	1					N. Y.
France.....			1				D. C.
<i>Leptothyrium pomi:</i> <i>Citrus sinensis</i> (orange).....	Mexico.....			1			La.
<i>Malus sylvestris</i> (apple).....	Italy, Spain.....					2	Pa.
<i>Leptothyrium rubi:</i> <i>Rubus</i> sp.....	France.....					2	N. Y.
<i>Macrophoma oncidii:</i> Orchid.....	Colombia.....			1			N. Y.
<i>Macrosporium commune:</i> <i>Allium cepa</i> (onion).....	Mexico.....			28			Tex.
<i>Macrosporium porri:</i> <i>Allium cepa</i> (onion).....	do.....			2			Tex.
<i>Melampspora ahneti capraearum:</i> <i>Salix</i> sp. (?).....	do.....	1					D. C.
<i>Melampspora medusae:</i> <i>Populus</i> sp.....	Chile.....	1					N. Y.
<i>Melanconium sacchari:</i> <i>Saccharum officinarum</i> (sugarcane).	Mexico, Sierra Leone.....			10	1		Pa., Tex.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES—continued							
<i>Meliola penzigi:</i> <i>Citrus nobilis deliciosa</i> (Mandarin orange).	Japan	1					Wash.
<i>Microdiplodia palmarum:</i> <i>Chamaerops humilis</i>	Italy	1					N. Y.
<i>Monilochaetes infuscans:</i> <i>Ipomoea batatas</i> (sweetpotato)	Mexico			5			Tex.
<i>Mycosphaerella citrullina:</i> <i>Benincasa hispida</i> (hairy squash).	Cuba	2					N. Y.
<i>Citrullus vulgaris</i> (watermelon).	Cuba, Union of South Africa.	3				1	Md., N. Y.
<i>Cucumis melo</i> (melon)	Netherlands, Venezuela					2	N. Y.
<i>Cucumis sativus</i> (cucumber)	Cuba, Jamaica	41				1	N. Y.
<i>Cucurbita maxima</i> (squash)	Cuba	3					N. Y.
<i>Momordica balsamina</i> (balsam-apple).	do	5					N. Y.
<i>Momordica charantia</i> (balsam-pear).	do	15					N. Y.
<i>Sechium edule</i> (chayote)	Cuba, Italy, Jamaica, Portugal.	2		2		4	N. Y., Tex.
<i>Solanum melongena</i> (eggplant).	Cuba	1					N. Y.
<i>Mycosphaerella tythracearum:</i> <i>Punica granatum</i> (pomegranate).	Puerto Rico			1			N. Y.
<i>Mycosphaerella musae:</i> <i>Musa</i> sp. (banana)	Brazil	1					D. C.
<i>Mycosphaerella rosicola:</i> <i>Rosa</i> sp.	Bermuda			1			N. Y.
<i>Mycosphaerella rubi:</i> <i>Rubus</i> sp. (raspberry)	Mexico			1			Tex.
<i>Mycosphaerella schoenoprasii:</i> <i>Allium fistulosum</i> (Welsh onion).	Japan					3	Pa.
<i>Allium porrum</i> (leek)	do					2	La., Md.
<i>Allium sativum</i> (garlic)	France					2	N. Y.
<i>Mycosphaerella tulasnei:</i> <i>Triticum aestivum</i> (wheat)	Portugal		1				D. C.
<i>Myriangium duriaei:</i> Scale on orange	Puerto Rico					1	Pa.
<i>Gardenia florida</i> (Cape-jasmine)	Mexico	1					Tex.
<i>Lepidosaphes beckii</i> on grapefruit.	Honduras					1	Fla.*
<i>Lepidosaphes beckii</i> on tangelo.	Bahamas			1			Fla.*
<i>Nectria binotiana:</i> Bamboo	France	1					D. C.
<i>Phalaenopsis</i> sp. (orchid)	do	1					D. C.
<i>Nectria cinnabarina:</i> <i>Acer saccharinum</i> (silver maple)	Canada	1					N. Y.
<i>Nectria diploa:</i> <i>Ischnaspis longirostris</i> on Cuban laurel.	Cuba			1			Fla.*
<i>Lepidosaphes beckii</i> on <i>Chalcas</i> sp.	do					1	Fla.*
<i>Lepidosaphes beckii</i> on <i>Citrus</i> sp.	do			1			Fla.*
<i>Lepidosaphes beckii</i> on grapefruit	Cuba, Honduras	1		2		1	Fla.*
<i>Lepidosaphes beckii</i> on lemon	Cuba			1			Fla.*
<i>Lepidosaphes beckii</i> on orange	Cuba, Haiti, Panama			5	1	1	Fla.*
<i>Lepidosaphes beckii</i> on tangelo.	Bahamas			1			Fla.*
<i>Parlatoria pergandii</i> on grapefruit.	Cuba	1					Fla.*
<i>Selenaspidus articulatus</i> on grapefruit.	Honduras					1	Fla.*
<i>Selenaspidus articulatus</i> on orange.	Panama					1	Fla.*
<i>Nigrospora oryzae:</i> <i>Citrus grandis</i> (grapefruit)	Puerto Rico			1			N. Y.
<i>Oidium euonymi japonici:</i> <i>Euonymus japonica</i>	Greece, Italy			1	1		N. Y.
<i>Oidium hortensiae:</i> <i>Hydrangea</i> sp.	England		1				D. C.

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DISEASES—continued							
<i>Oospora citri-aurantii:</i>							
<i>Citrus aurantifolia</i> (lime).....	Brazil, Cuba, Guatemala, Haiti, Mexico.	2		2		4	Pa., Tex.
<i>Citrus sinensis</i> (orange).....	Brazil.....				1		Pa.
<i>Panagrolaimus hygrophilus:</i>							
<i>Nelumbium nelumbo</i> (waterlily).....	Cuba.....	1					N. Y.
<i>Panagrolaimus rigidus:</i>							
<i>Hyacinthus orientalis albulus</i> (Roman hyacinth).....	France.....	1					N. Y.
<i>Zingiber officinalis</i> (ginger).....	Cuba.....	1					N. Y.
<i>Papulospora coprophila:</i>							
<i>Allium cepa</i> (onion).....	Mexico.....			1			Tex.
<i>Gladiolus</i> sp.....	Netherlands.....	160	2				D. C.
<i>Papulospora parasitica:</i>							
<i>Begonia</i> sp.....	do.....	1					N. Y.
<i>Lilium henryi</i> (Henry lily).....	do.....	1					N. Y.
<i>Papulospora</i> sp.:							
<i>Allium cepa</i> (onion).....	Mexico.....			1			Tex.
<i>Peronospora pisi:</i>							
<i>Pisum sativum</i> (pea).....	England, Italy, Mexico.....			1		2	N. Y., Tex.
<i>Peronospora trifoliorum:</i>							
<i>Medicago sativa</i> (alfalfa).....	Mexico.....			1			Tex.
<i>Pestalozia coccolobae:</i>							
<i>Coccoloba unifera</i> (seagrape).....	Bermuda.....			1			N. Y.
<i>Pestalozia compla:</i>							
<i>Rosa chinensis manetti</i>	Ireland.....	1					N. Y.
<i>Pestalozia macrotricha:</i>							
<i>Rhododendron</i> sp.....	England.....	1					D. C.
<i>Pestalozia neglecta:</i>							
<i>Euonymus</i> sp.....	Japan.....				1		Wash.
<i>Pestalozia palmarum:</i>							
<i>Pandanus</i> sp. (screwpine).....	Philippines.....	1					Calif.*
<i>Sabal</i> sp. (palmetto).....	Virgin Islands.....			1			N. Y.
<i>Pestalozia rhododendri:</i>							
<i>Azalea</i> sp.....	Belgium.....	1					D. C.
<i>Rhododendron</i> sp.....	England.....		1				Calif.*
<i>Peziella lythri:</i>							
<i>Paeonia moutan</i>	Japan.....	2	1				Wash.
<i>Paeonia suffruticosa</i>	do.....		4				Wash.
<i>Phleospora multumaculans:</i>							
<i>Juglans</i> sp. (walnut).....	Mexico.....			6			Tex.
<i>Phlyctaena ranunculacearum:</i>							
<i>Paeonia moutan</i> var.....	Japan.....	1					Calif.*
<i>Phoma betae:</i>							
<i>Beta vulgaris</i> (beet).....	Mexico.....	3		1			Tex.
<i>Phoma citricarpa:</i>							
<i>Citrus nobilis deliciosa</i> (Mandarín orange).....	Japan.....	1					Wash.
<i>Citrus sinensis</i> (orange).....	Australia.....					1	Wash.
<i>Phoma conigena abieticola:</i>							
<i>Picea excelsa</i> (Norway spruce).....	Germany.....			1			N. Y.
<i>Phoma lingam</i> (?):							
<i>Brassica oleracea capitata</i> (cabbage).....	Mexico.....			3			Tex.
<i>Phoma pomi:</i>							
<i>Malus sylvestris</i> (apple).....	Mexico.....			2			Tex.
<i>Phoma* tenuis:</i>							
<i>Camellia japonica</i> (camellia).....	Japan.....	2					Calif.*, Wash.
<i>Phomopsis capsici:</i>							
<i>Capsicum annuum</i> (pepper).....	Cuba.....	3					N. Y.
<i>Phomopsis perniciosa:</i>							
<i>Prunus subhirtella sendaica</i>	Netherlands.....	1					N. Y.
<i>Phomopsis prunorum:</i>							
<i>Prunus laurocerasus</i> (cherry-laurel).....	France.....	1					N. Y.
<i>Phragmidium rosae-acicularis:</i>							
<i>Rosa</i> sp.....	Canada.....			1			Wash.
<i>Phyllachora cynodontis:</i>							
<i>Cynodon dactylon</i> (Bermuda-grass).....	India.....	1					N. Y.

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DISEASES—continued							
<i>Phyllachora graminis:</i> Grass.....	Mexico.....	1					N. Y.
<i>Phyllachora gratissima:</i> <i>Persea americana</i> (avocado).....	Mexico.....			1			Tex.
<i>Phyllachora trifolii:</i> <i>Trifolium</i> sp. (clover).....	Arabia.....	1					N. Y.
<i>Phyllactinia corylea:</i> <i>Robinia</i> sp. (locust).....	Mexico.....			1			Tex.
<i>Phyllosticta antirrhini:</i> <i>Antirrhinum majus</i> (snapdragon).	Cuba.....					1	N. Y.
<i>Phyllosticta camelliaeicola meranensis:</i> <i>Camellia japonica</i> (camellia).....	Japan.....	1					Calif.*
<i>Phyllosticta gladioli:</i> <i>Gladiolus</i> sp.....	Mexico.....			1			Tex.
<i>Phyllosticta nigro-maculans:</i> Orchid.....	do.....		1				Tex.
<i>Phyllosticta phaseolina:</i> <i>Phaseolus</i> sp. (string bean).....	Cuba.....	1					N. Y.
<i>Phyllosticta ruscicola:</i> <i>Ruscus aculeatus</i> (butcher's broom).	Italy.....	2					Pa.
<i>Ruscus</i> sp.....	do.....				1		N. Y.
<i>Phyllosticta stanhoepae:</i> <i>Stanhoepa</i> sp. (orchid).....	Mexico.....	1					Calif.*
<i>Physalospora campopora:</i> <i>Oncidium</i> sp. (orchid).....	Colombia.....	1					Calif.*
<i>Physalospora cattleyae:</i> <i>Cattleya</i> sp. (orchid).....	Guatemala.....	1					Calif.*
<i>Physalospora japonica:</i> <i>Camellia japonica</i> (camellia).....	Japan.....	1					Calif.*
<i>Physalospora roscicola:</i> <i>Rosa</i> sp.....	New South Wales.....	1					Calif.*
<i>Phytophthora phaseoli:</i> <i>Phaseolus</i> sp. (string bean).....	Mexico.....			8			Ariz.
<i>Phytophthora terrestris:</i> <i>Lycopersicum esculentum</i> (tomato).	Cuba, Mexico.....	40					Ariz., Fla.*, N. Y.
<i>Plasmiodiophora brassicae:</i> <i>Brassica rapa</i> (turnip).....	France, Japan.....					3	N. Y., Pa., Wash.
<i>Pleospora herbarum:</i> <i>Citrus sinensis</i> (orange).....	Italy.....			1			N. Y.
<i>Podonectria coccicola</i> (?): <i>Lepidosaphes beckii</i> on orange.....	Brazil.....				1		Fla.*
<i>Pratylenchus pratensis:</i> <i>Colocasia esculenta</i> (dasheen).....	Jamaica.....			1			N. Y.
<i>Convallaria majalis</i> (lily-of-the-valley).	Denmark, Germany, Netherlands.....	7					N. Y.
<i>Dioscorea</i> sp. (yam).....	Antigua, Jamaica.....			3			N. Y.
<i>Solanum tuberosum</i> (potato).....	Mexico, Norway.....			1		1	N. Y., Tex.
<i>Pseudopeziza medicaginis:</i> <i>Medicago sativa</i> (alfalfa).....	Mexico.....			1			Tex.
<i>Trifolium repens</i> var. (shamrock).	Ireland.....		2				N. Y.
<i>Pseudopeziza trifolii:</i> <i>Trifolium</i> sp. (clover).....	do.....		2				N. Y. *
<i>Puccinia allii:</i> <i>Allium sativum</i> (garlic).....	Argentina, Belgium, Chile, Egypt, France, Germany, Hungary, Italy, Netherlands, Portugal, Rumania, Spain, Turkey, Uruguay.....	62	1	2		53	N. Y.
<i>Puccinia buzi:</i> <i>Burus</i> sp. (box).....	Ireland.....		2				Mass., Wash.
<i>Puccinia cesatii:</i> <i>Andropogon annulatus</i>	Egypt.....					1	N. Y.
<i>Puccinia chrysanthemi:</i> <i>Chrysanthemum</i> sp.....	Mexico.....			15			Calif., Tex.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES—continued							
<i>Puccinia gentianae:</i> <i>Gentiana clusii</i>	Switzerland.....		1				N. Y.
<i>Puccinia heterospora:</i> <i>Anoda</i> sp.....	Mexico.....	1		1			Tex.
<i>Puccinia magnusiana:</i> <i>Phragmites communis</i>	Italy.....	1					N. Y.
<i>Puccinia ornithogali-thyrsoides:</i> <i>Ornithogalum thyrsoides</i> (chinkerchee).	Union of South Africa.....				1		Mass.
<i>Puccinia phragmitis</i> <i>Phragmites communis</i> (reed-grass).	Netherlands.....	1					N. Y.
<i>Puccinia purpurea:</i> <i>Holcus halepensis</i> (Johnson grass).	Mexico.....	1					Ariz.
<i>Holcus sorghum</i> var. (broom-corn).	do.....	1		2			Tex.
<i>Holcus sorghum</i> (sorghum).....	do.....	2		7			Tex.
<i>Puccinia schedonnardi:</i> <i>Gossypium</i> sp. (cotton).....	do.....			1			Ariz.
<i>Puccinia tagetica:</i> <i>Tagetes florida</i> (marigold).....	do.....			27			Tex.
<i>Pucciniaopiis caricae:</i> <i>Carica papaya</i> (papaya).....	Colombia, Cuba, Honduras, Jamaica, Puerto Rico.	22		3		21	N. Y.
<i>Ravenelia ingae:</i> <i>Inga vera</i>	Guatemala.....	1					Mass.
<i>Rhabditis producta:</i> <i>Brassica rapa</i> (turnip).....	Italy.....					1	N. Y.
<i>Rhizoctonia bataticola:</i> <i>Cucumis melo</i> (melon).....	Chile.....	5					N. Y.
<i>Rhytisma acerinum:</i> <i>Acer pseudoplatanus</i> (sycamore).	England.....					1	N. Y.
<i>Acer</i> sp.....	Denmark.....	1					N. Y.
<i>Rotylenchus robustus:</i> <i>Convallaria majalis</i> (lily-of-the-valley).	Denmark, Netherlands.....	2					N. Y.
<i>Sclerotinia fructigena:</i> <i>Malus sylvestris</i> (apple).....	England.....					1	Pa.
<i>Prunus domestica</i> (plum).....	England, France, Italy.....					3	N. Y.
<i>Prunus</i> sp. (cherry).....	England, Italy.....					2	N. Y.
<i>Sclerotinia minor:</i> <i>Cichorium intybus</i> (witloof).....	Belgium.....	15					N. Y.
<i>Sclerotinia minutissima:</i> <i>Narcissus</i> sp.....	Netherlands.....	5					N. Y.
<i>Sclerotinia narcissi:</i> <i>Narcissus</i> sp.....	do.....	5					N. Y.
<i>Sclerotioptis testudinea:</i> <i>Paeonia moutan</i>	Japan.....	2					Calif.*
<i>Paeonia suffruticosa</i>	do.....	1					Wash.
<i>Sclerotium cepivorum:</i> <i>Allium sativum</i> (garlic).....	France, Italy.....	1				1	N. Y.
<i>Septomyxa persicina:</i> <i>Sechium edule</i> (chayote).....	Cuba.....	1					Fla.*
<i>Septoria azaleae:</i> <i>Azalea indica</i> (azalea).....	Belgium, Netherlands.....	6	1	1			D. C.
<i>Septoria caricis montanae:</i> <i>Carex montana</i>	Sweden.....		1				N. Y.
<i>Septoria chrysanthemella:</i> <i>Chrysanthemum</i> sp.....	Bermuda, England.....			1	1		N. Y.
<i>Septoria citri:</i> <i>Citrus limonia</i> (lemon).....	Union of South Africa.....					1	N. Y.
<i>Septoria darrowii:</i> <i>Rubus</i> sp. (blackberry).....	Mexico.....			1			Tex.
<i>Septoria dianthi:</i> <i>Dianthus</i> sp. (carnation).....	Italy.....			2			N. Y.
<i>Septoria drummondii:</i> <i>Phlox drummondii</i>	Bermuda.....			1			N. Y.
<i>Septoria endiviae:</i> <i>Cichorium endivia</i> (escarole).....	Italy.....					1	N. Y.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

[All findings marked with an asterisk indicate State inspection]

Pest and host	Country of origin	Number of interceptions in—					Collected in—
		Cargo	Mail	Baggage	Quarters	Stores	
DISEASES—continued							
<i>Septoria gladioli:</i> <i>Gladiolus</i> sp	Mexico.....			1			Ariz.
<i>Septoria hydrangeae:</i> <i>Hydrangea</i> sp	do.....			2			Tex.
<i>Septoria lactucae:</i> <i>Lactuca sativa</i> (lettuce)	Brazil.....					1	N. Y.
<i>Septoria lycopersici:</i> <i>Lycopersicum esculentum</i> (tomato)	Mexico.....			1			Tex.
<i>Septoria malvicola:</i> <i>Malva rotundifolia</i>	Rumania.....		1				N. Y.
<i>Septoria nodorum:</i> <i>Triticum aestivum</i> (wheat)	England.....	1					N. Y.
<i>Septoria origanicola majoranae:</i> <i>Origanum</i> sp. (marjoram)	Canada.....			1			Wash.
<i>Septoria pisi:</i> <i>Pisum sativum</i> (pea)	Portugal.....					2	N. Y.
<i>Septoria rubi:</i> <i>Rubus</i> sp. (raspberry)	Mexico.....			1			Tex.
<i>Septoria taraxaci:</i> <i>Taraxacum officinale</i> (dandelion)	Italy.....					1	N. Y.
<i>Sphaerotheca pannosa:</i> <i>Rosa</i> sp	Cuba, Mexico.....			5		1	Fla.*, Tex.
<i>Sporonema ozyococi:</i> <i>Vaccinium vitis-idaea</i> (lingon berry)	Newfoundland.....		1				Pa.
<i>Stagonospora curtisii:</i> <i>Narcissus</i> sp.	Netherlands.....	1					N. Y.
<i>Stemphylium citri:</i> <i>Citrus nobilis deliciosa</i> (Mandarin orange)	Japan.....	4					Wash.
<i>Citrus sinensis</i> (orange)	China.....			2			Wash.
<i>Thielariopsis basicola:</i> <i>Gloxinia</i>	Belgium.....	1					Mass.
<i>Tilletia tritici:</i> <i>Triticum aestivum</i> (wheat)	Mexico.....			4			Ariz.
<i>Tilletia vulpiae:</i> <i>Festuca</i> sp. (fescue)	Syria.....	1					N. Y.
<i>Transchelia pruni-spinosae:</i> <i>Amygdalus persica nectarina</i> (nectarine)	Chile.....	1					N. Y.
<i>Amygdalus persica</i> (peach)	Chile, Mexico.....	1		1			N. Y., Tex.
<i>Uredinopsis macrosperma:</i> <i>Pteridium aquilinum</i> (bracken)	Mexico.....			1			Tex.
<i>Uredo erythrolytonis:</i> <i>Erythrolyton coca</i> (coca)	Peru.....	1					N. Y.
<i>Urocystis cepulae:</i> <i>Allium cepa</i> (onion)	Italy.....	1					N. Y.
<i>Urocystis colchici:</i> <i>Colchicum</i> sp. (autumn crocus)	Netherlands.....	2					D. C.
<i>Urocystis occulta:</i> <i>Secale cereale</i> (rye)	Denmark.....	1					Md.
<i>Uromyces betae:</i> <i>Beta vulgaris cicla</i> (Swiss chard)	Italy.....					1	N. Y.
<i>Uromyces dolicholii:</i> <i>Cajanus indicus</i> (pigeon pea)	Cuba.....			1			N. Y.
<i>Uromyces fabae:</i> <i>Vicia faba</i> (fava bean)	Italy.....	1				1	Mass., N. Y.
<i>Uromyces lespedezae-procumbentis:</i> <i>Lepedeza buergeri</i>	Japan.....		1				Calif.*
<i>Lepedeza formosa alba</i>	do.....	1					Wash.
<i>Lepedeza formosa albiflora</i>	do.....	4					Wash.
<i>Uromyces striatus medicaginis:</i> <i>Medicago sativa</i> (alfalfa)	Argentina, Mexico.....			4		1	N. Y., Tex.
<i>Uromyces trifolii:</i> <i>Trifolium repens</i> var. (shamrock)	Ireland.....		1				N. Y.
<i>Ustilago bromivora:</i> <i>Bromus tectorum</i>	Italy.....	1					N. Y.

List of pests collected and reported from July 1, 1939, to June 30, 1940, inclusive—Continued

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DISEASES—continued							
<i>Ustilago grandis</i> :							
<i>Phragmites communis</i> (reed-grass)	Netherlands	2				N. Y.	
<i>Phragmites</i> sp.	do.	1				N. Y.	
<i>Ustilago levis</i> :							
<i>Avena sativa</i> (oat)	Mexico			2		Tex.	
<i>Ustilago vaillantii</i> :							
<i>Muscari comosum</i> (cipollino)	Italy, Morocco	7				N. Y.	
<i>Vermicularia capsici</i> :							
<i>Capsicum annuum</i> (pepper)	Cuba, Java	2				La., Md., N. Y.	
<i>Vermicularia lilacearum</i> :							
<i>Iris germanica</i> var.	Australia, France		4			Calif.*	
<i>Vermicularia trichella</i> :							
<i>Hedera helix</i> (English ivy)	Norway				1	N. Y.	
<i>Verticillium albo-atrum</i> :							
<i>Dahlia</i> sp.	Netherlands		1			D. C.	
<i>Gloxinia</i>	do.	1				N. Y.	
<i>Gossypium</i> sp. (cotton)	Mexico			1		Tex.	
<i>Virus, mosaic</i> :							
<i>Apium graveolens</i> (celery)	Peru				1	N. Y.	
<i>Capsicum annuum</i> (pepper)	Mexico	150		8		Ariz., Tex.	
<i>Cucurbita maxima</i> (squash)	do.			2		Tex.	
<i>Lilium longiflorum harrissii</i>	Bermuda			3		N. Y.	
<i>Lycopersicum esculentum</i> (tomato)	Mexico			2		Tex.	
<i>Virus, spotted wilt</i> :							
<i>Lycopersicum esculentum</i>	do.	6		1		Ariz.	
<i>Zygosporium oschioides</i> :							
Palm	Cuba	1				N. Y.	

Hosts and diseases

ACER:

- Erinose* (mite gall).
- Nectria cinnabarina* (Ascomycetes).
- Rhytisma acerinum* (Ascomycetes).

ACONITUM:

- Aphelenchoides fragariae* (Nematoda).

AESCULUS:

- Guignardia aesculi* (Ascomycetes).

AGLAONEMA:

- Aphelenchoides parietinus* (Nematoda).

ALLIUM CAERULEUM:

- Ditylenchus dipsaci* (Nematoda).

ALLIUM CEPA:

- Botrytis allii* (Deuteromycetes).
- Ditylenchus dipsaci* (Nematoda).
- Macrosporium commune* (Deuteromycetes).
- Macrosporium porri* (Deuteromycetes).
- Papulospora coprophila* (Deuteromycetes).
- Papulospora* sp. (Deuteromycetes).
- Urocystis cepulae* (Promycetes).

ALLIUM FISTULOSUM:

- Mycosphaerella schoenoprasii* (Ascomycetes).

ALLIUM NEAPOLITANUM:

- Aphelenchoides subtenuis* (Nematoda).

ALLIUM PORRUM:

- Mycosphaerella schoenoprasii* (Ascomycetes).

ALLIUM SATIVUM:

- Aphelenchoides parietinus* (Nematoda).
- Aphelenchus avenae* (Nematoda).
- Heterosporium allii* (Deuteromycetes).
- Mycosphaerella schoenoprasii* (Ascomycetes).
- Puccinia allii* (Promycetes).
- Sclerotium cepivorum* (Deuteromycetes).

ALSTROEMERIA:

- Aphelenchoides huntii* (Nematoda).

AMARYLLIS:

- Ditylenchus dipsaci* (Nematoda).

AMYGDALUS PERSICA:

- Coryneum beijerinckii* (Deuteromycetes).

- Tranzschelia pruni-spinosae* (Promycetes).

AMYGDALUS PERSICA NECTARINA:

- Tranzschelia pruni-spinosae* (Promycetes).

ANDROPOGON:

- Puccinia cesatii* (Promycetes).

ANODA:

- Puccinia heterospora* (Promycetes).

ANTIRRHINUM:

- Phyllosticta antirrhini* (Deuteromycetes).

APIUM:

- Mosaic (virus).

ARAUCARIA:

- Cryptospora longispora* (Ascomycetes).

ARUNDO:

- Hendersonia donacis* (Deuteromycetes).

ASTER:

- Coleosporium solidaginis* (Promycetes).

AVENA:

- Ustilago lewis* (Promycetes).

AZALEA:

- Cercospora handelii* (Deuteromycetes).
- Pestalotzia rhododendri* (Deuteromycetes).
- Septoria azaleae* (Deuteromycetes).

BAMBOO:

- Eutypa bambusina* (Ascomycetes).

- Nectria binotiana* (Ascomycetes).

BEGONIA:

- Papulospora parasitica* (Deuteromycetes).

Hosts and diseases—Continued

- BENINCASA:**
Mycosphaerella citrullina (Ascomycetes).
- BETA VULGARIS:**
Phoma betae (Deuteromycetes).
- BETA VULGARIS CICLA:**
Uromyces betae (Promycetes).
- BETULA:**
Erinose (mite gall).
- BRASSIA**—See Orchidaceae.
- BRASSICA OLIFRACEA CAPITATA:**
Bacterium campestre (Schizomycetes).
Phoma lingam (?) (Deuteromycetes).
- BRASSICA RAPA:**
Plasmodiophora brassicae (Myxomycetes).
Rhabditis producta (Nematoda).
- BROMUS:**
Ustilago bromivora (Promycetes).
- BRYOPHYLLUM:**
Heterodera marioni (Nematoda).
- BUXUS:**
Puccinia buxi (Promycetes).
- CAJANUS:**
Colletotrichum cajani (Deuteromycetes).
Uromyces dolicholi (Promycetes).
- CAMELLIA:**
Discosia artoceas (Deuteromycetes).
Phoma tenuis (Deuteromycetes).
Phyllosticta camelliaeicola (Deuteromycetes).
Physalospora japonica (Ascomycetes).
- CAMPANULA:**
Coleosporium campanulae (Promycetes).
- CAPSICUM:**
Epicoccum nigrum (Deuteromycetes).
Helminthosporium curvulum (Deuteromycetes).
Phomopsis capsici (Deuteromycetes).
Vermicularia capsici (Deuteromycetes).
Virus (mosaic).
- CAREX:**
Septoria caricis montanae (Deuteromycetes).
- CARICA:**
Pucciniopsis caricae (Deuteromycetes).
- CASTANEA:**
Ascospora mirabilis (Deuteromycetes).
Cylindrosporium castanicolum (Deuteromycetes).
Cytospora ambiens (Deuteromycetes).
- CATTLEYA**—See Orchidaceae.
- CHAMAEROPS:**
Microdiploia palmarum (Deuteromycetes).
- CHIONODOXA:**
Aphelenchus avenae (Nematoda).
Ditylenchus dipsaci (Nematoda).
- CHRYSANTHEMUM:**
Cylindrosporium chrysanthemi (Deuteromycetes).
Puccinia chrysanthemi (Promycetes).
Septoria chrysanthemella (Deuteromycetes).
- CICHORIUM:**
Sclerotinia minor (Ascomycetes).
Septoria endiviae (Deuteromycetes).
- CITRULLUS:**
Mycosphaerella citrullina (Ascomycetes).
- CITRUS AURANTIFOLIA:**
Bacterium citri (Schizomycetes).
Oospora citri-aurantii (Deuteromycetes).
- CITRUS GRANDIS:**
Bacterium citri (Schizomycetes).
Nigrospora oryzae (Deuteromycetes).
- CITRUS LIMONIA:**
Bacterium citri (Schizomycetes).
Septoria citri (Deuteromycetes).
- CITRUS NOBILIS:**
Alternaria citri (Deuteromycetes).
- CITRUS NOBILIS DELICIOSA:**
Meliola penzigi (Ascomycetes).
Phoma citricarpa (Deuteromycetes).
Stemphylium citri (Deuteromycetes).
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes).
Bacterium citri (Schizomycetes).
Elsinoe australis (Ascomycetes).
Leptothyrium pomi (Deuteromycetes).
Oospora citri-aurantii (Deuteromycetes).
Phoma citricarpa (Deuteromycetes).
Pleospora herbarum (Ascomycetes).
Stemphylium citri (Deuteromycetes).
- COCOLOBIA:**
Pestalozzia coccolobae (Deuteromycetes).
- COLCHICUM:**
Urocystis colchici (Promycetes).
- COLOCASIA:**
Diploia tubericola (Deuteromycetes).
Pratylenchus pratensis (Nematoda).
- CONVALLARIA:**
Aphelenchoides fragariae (Nematoda).
Aphelenchoides parietinus (Nematoda).
Ditylenchus dipsaci (Nematoda).
Pratylenchus pratensis (Nematoda).
Rotylenchus robustus (Nematoda).
- CROCUS:**
Aphelenchus avenae (Nematoda).
- CUCUMIS MELO:**
Mycosphaerella citrullina (Ascomycetes).
Rhizoctonia bataticola (Deuteromycetes).
- CUCUMIS SATIVUS:**
Cladosporium cucumerinum (Deuteromycetes).
Mycosphaerella citrullina (Ascomycetes).
- CUCURBITA MAXIMA:**
Mycosphaerella citrullina (Ascomycetes).
Virus (mosaic).
- CUCURBITA PEPO:**
Colletotrichum lagenarium (Deuteromycetes).
Erysiphe cichoracearum (Ascomycetes).
- CUMINUM:**
Erysiphe polygoni (Ascomycetes).
- CYMBIDIUM**—See Orchidaceae.
- CYMBOPOGON:**
Aphelenchoides parietinus (Nematoda).
- CYNODON:**
Phyllachora cynodontis (Ascomycetes).
- DAHLIA:**
Erysiphe cichoracearum (Ascomycetes).
Verticillium albo-atrum (Deuteromycetes).
- DAPHNE:**
Heterodera marioni (Nematoda).
- DIANTHUS:**
Alternaria dianthi (Deuteromycetes).
Heterosporium echinulatum (Deuteromycetes).
Septoria dianthi (Deuteromycetes).
- DIOSCOREA:**
Diploia tubericola (Deuteromycetes).
Pratylenchus pratensis (Nematoda).
- ERIOBOTRYA:**
Fusicladium eriobotryae (Deuteromycetes).
- ERYTHROXYLON:**
Uredo erythroxylonis (Promycetes).
- EUONYMUS:**
Cercospora euonymi (Deuteromycetes).
Oidium euonymi-japonici (Deuteromycetes).
Pestalozzia neglecta (Deuteromycetes).
- FAGUS:**
Cytospora ambiens (Deuteromycetes).
- FESTUCA:**
Epichloe typhina (Ascomycetes).
Tilletia rulpiae (Promycetes).
- FOENICULUM:**
Fusicladium depressum (Deuteromycetes).
- FRITILLARIA:**
Aphelenchoides parietinus (Nematoda).
Aphelenchus avenae (Nematoda).
- GALANTHUS:**
Aphelenchoides parietinus (Nematoda).
Botrytis galanthina (Deuteromycetes).
- GARDENIA:**
Myriangium duriaei (Ascomycetes).
- GENTIANA:**
Puccinia gentianae (Promycetes).
- GLADIOLUS:**
Aphelenchoides parietinus (Nematoda).
Papulospora coprophila (Deuteromycetes).
Papulospora sp. (Deuteromycetes).
Phyllosticta gladioli (Deuteromycetes).
Septoria gladioli (Deuteromycetes).
- GLOXINIA:**
Aphelenchoides parietinus (Nematoda).
Thielariopsis basicola (Deuteromycetes).
Verticillium albo-atrum (Deuteromycetes).
- GOSSYPIUM:**
Cercospora althaeina (Deuteromycetes).
Glomerella gossypii (Ascomycetes).
Puccinia schedonnardi (Promycetes).
Verticillium albo-atrum (Deuteromycetes).
- GRASS:**
Colletotrichum graminicolum (Deuteromycetes).
Phyllachora graminis (Ascomycetes).
- HEDERA:**
Colletotrichum hedericola (Deuteromycetes).
Vermicularia trichella (Deuteromycetes).

Hosts and diseases—Continued

HIBISCUS:

Cercospora althaeina (Deuteromycetes).

Kuehneola malricola (Promycetes).

HOLCUS HALEPENSIS:

Puccinia purpurea (Promycetes).

HOLCUS SORGHUM:

Darlua filum (Deuteromycetes).

Puccinia purpurea (Promycetes).

HOLCUS SORGHUM var. (broomcorn):

Puccinia purpurea (Promycetes).

HYACINTHUS:

Bacterium hyacinthi (Schizomycetes).

Ditylenchus dipsaci (Nematoda).

Panagrolaimus rigidus (Nematoda).

HYDRANGEA:

Oidium hortensiae (Deuteromycetes).

Septoria hydrangeae (Deuteromycetes).

INGA:

Ravenelia ingae (Promycetes).

INSECTS:

Cephalosporium lecanii (Deuteromycetes).

Myriangium duriae (Ascomycetes).

Nectria diploa (Ascomycetes).

Podonectria coccicola (Ascomycetes).

IPOMOEA:

Aphelenchoides huntii (Nematoda).

Ceratostomella fimbriata (Ascomycetes).

Cercospora ipomoeae (Deuteromycetes).

Diplodia tubericola (Deuteromycetes).

Monilochaetes infuscans (Deuteromycetes).

IRIS:

Ditylenchus dipsaci (Nematoda).

Vermicularia filiacearum (Deuteromycetes).

JUGLANS:

Phleospora multimaeculans (Deuteromycetes).

KERRIA:

Coronium microstictum (Deuteromycetes).

LACTUCA:

Septoria lactucae (Deuteromycetes).

LAELIA—See Orchidaceae.

LESPEDeza:

Uromyces lespedezae-procumbentis (Promycetes).

LILIUM:

Aphelenchoides parietinus (Nematoda).

Papulospora parasitica (Deuteromycetes).

Virus (mosaic).

LYCASTE.—See Orchidaceae.

LYCOPERSICUM:

Alternaria fasciculata(?) (Deuteromycetes).

Aplanobacter michiganense (Schizomycetes).

Bacterium punctilans (Schizomycetes).

Colletotrichum phomoides (Deuteromycetes).

Phytophthora terrestris (Phycomycetes).

Septoria lycopersici (Deuteromycetes).

Virus (mosaic).

Virus (spotted wilt).

MAHONIA:

Cumminsia sanguinea (Promycetes).

MALUS:

Alternaria mali (Deuteromycetes).

Gloeosporium fructigenum (Deuteromycetes).

Leptothyrium pomi (Deuteromycetes).

Phoma pomi (Deuteromycetes).

Sclerotinia fructigena (Ascomycetes).

MALVA:

Septoria malvicola (Deuteromycetes).

MANIHOT:

Diplodia tubericola (Deuteromycetes).

MEDICAGO:

Colletotrichum destructurum (Deuteromycetes).

Peronospora trifoliorum (Phycomycetes).

Pseudopeziza medicaginis (Ascomycetes).

Uromyces striatus medicaginis (Promycetes).

MOMORDICA:

Mycosphaerella citrullina (Ascomycetes).

MUSA PARADISIACA:

Gloeosporium musarum (Deuteromycetes).

MUSA SP.:

Cercospora musae (Deuteromycetes).

Gloeosporium musarum (Deuteromycetes).

Leptosphaeria musarum (Ascomycetes).

Mycosphaerella musae (Ascomycetes).

MUSCARI:

Aspergillus alliaceus (Deuteromycetes).

Ditylenchus dipsaci (Nematoda).

Ustilago vaillantii (Promycetes).

NARCISSUS:

Aphelenchoides parietinus (Nematoda).

Aphelenchoides subtenuis (Nematoda).

Botrytis narciissicola (Deuteromycetes).

Ditylenchus dipsaci (Nematoda).

Sclerotinia minutissima (Ascomycetes).

Sclerotinia narciissi (Ascomycetes).

Stagonospora curtisii (Deuteromycetes).

NELUMBUM:

Panagrolaimus hygrophilus (Nematoda).

NEPENTHES:

Heterodera marioni (Nematoda).

ODONTOGLOSSUM—See Orchidaceae.

ONCIDIUM—See Orchidaceae.

ORCHIDACEAE:

Aphelenchoides parietinus (Nematoda).

Cercospora angraci (Deuteromycetes).

Colletotrichum macrosporum (Deuteromycetes).

Colletotrichum orchidearum (Deuteromycetes).

Colletotrichum stanhopeae (Deuteromycetes).

Gloeosporium catleyae (Deuteromycetes).

Gloeosporium cymbidii (Deuteromycetes).

Gloeosporium laeliae (Deuteromycetes).

Gloeosporium odontoglossi macrospora (Deuteromy-

etes).

Gloeosporium orchidearum (Deuteromycetes).

Glomerella cincta (Ascomycetes).

Hemileia oncidii (Promycetes).

Macrophoma oncidii (Deuteromycetes).

Nectria binotiana (Ascomycetes).

Phyllosticta nigro-maculans (Deuteromycetes).

Phyllosticta stanhopeae (Deuteromycetes).

Physalospora camptospora (Ascomycetes).

Physalospora catleyae (Ascomycetes).

ORIGANUM:

Septoria origanica majoranae (Deuteromycetes).

ORNITHOGALUM:

Puccinia ornithogalli-thyrsoideae (Promycetes).

ORYZA:

Helminthosporium oryzae (Deuteromycetes).

PAEONIA:

Leptothyrium macrothecium (Deuteromycetes).

Peziella lythri (Ascomycetes).

Phlyctaena ranunculacearum (Deuteromycetes).

Sclerotopsis testudinea (Deuteromycetes).

PALM:

Zygosporium oschioides (Deuteromycetes).

PANDANUS:

Pestalotia palmarum (Deuteromycetes).

PASPALUM:

Clariceps paspali (Ascomycetes).

PEDILANTHUS:

Gloeosporium crocatum (Deuteromycetes).

PERSEA:

Aspergillus glaucus (Deuteromycetes).

Phyllachora gratissima (Ascomycetes).

PHALAEOPSIS—See Orchidaceae.

PHASEOLUS LUNATUS MACROCARPUS:

Colletotrichum truncatum (Deuteromycetes).

PHASEOLUS SP. (string bean):

Bacterium phaseoli (Schizomycetes).

Phyllosticta phaseolina (Deuteromycetes).

Phytophthora phaseoli (Phycomycetes).

PHLOX:

Septoria drummondii (Deuteromycetes).

PHRAGMITES:

Puccinia magnusiana (Promycetes).

Puccinia phragmitis (Promycetes).

Ustilago grandis (Promycetes).

PHYSALIS:

Colletotrichum phomoides (Deuteromycetes).

PICEA:

Phoma conigena abielicola (Deuteromycetes).

PISUM:

Bacterium pisi (Schizomycetes).

Colletotrichum pisi (Deuteromycetes).

Erysiphe polygoni (Ascomycetes).

Peronospora pisi (Phycomycetes).

Septoria pisi (Deuteromycetes).

POPULUS:

Melampsora medusae (Promycetes).

PRUNUS DOMESTICA:

Sclerotinia fructigena (Ascomycetes).

PRUNUS LAUROCERASUS:

Phomopsis prunorum (Deuteromycetes).

Hosts and diseases—Continued

- PRUNUS SUBHIRTTELLA SENDAICA:
Phomopsis pernicioso (Deuteromycetes).
 PRUNUS SP. (cherry):
Sclerotinia fructigena (Ascomycetes).
 PSIDIUM:
Gloeosporium psidii (Deuteromycetes).
 PTERIDIUM:
Uredinopsis macrosperma (Promycetes).
 PUERARIA:
Diplodia tubericola (Deuteromycetes).
 PUNICA:
Mycosphaerella lythracearum (Ascomycetes).
 PYRUS:
Coryneum foliocolum (Deuteromycetes).
Gloeosporium fructigenum (Deuteromycetes).
 QUERCUS:
Fusicoccum quercinum (Deuteromycetes).
 RHODODENDRON:
Cercospora rhododendri (Deuteromycetes).
Chrysomya rhododendri (Promycetes).
Pestalozzia macrotrichum (Deuteromycetes).
Pestalozzia rhododendri (Deuteromycetes).
 ROBINIA:
Phyllactinia corylea (Ascomycetes).
 ROSA CHINENSIS MANETTI:
Apiospora rhodophila (Ascomycetes).
Coryneum microstictum (Deuteromycetes).
Pestalozzia compla (Deuteromycetes).
 ROSA SP.:
Mycosphaerella rosicola (Ascomycetes).
Phragmidium rosae-acicularis (Promycetes).
Physalospora rosicola (Ascomycetes).
Sphaerotheca pannosa (Ascomycetes).
 RUBUS:
Leptothyrium rubi (Deuteromycetes).
Mycosphaerella rubi (Ascomycetes).
Septoria darrowii (Deuteromycetes).
Septoria rubi (Deuteromycetes).
 RUSCUS:
Leptosphaeria rusci (Ascomycetes).
Phyllosticta ruscolica (Deuteromycetes).
 SABAL:
Pestalozzia palmarum (Deuteromycetes).
 SACCHARUM:
Colletotrichum catatum (Deuteromycetes).
Melanconium sacchari (Deuteromycetes).
 SALIX:
Melampora abieti-capraearum (Promycetes).
 SCILLA:
Ditylenchus dipsaci (Nematoda).
 SECALE:
Dartula filum (Deuteromycetes).
Urocystis occulta (Promycetes).
 SECHIUM:
Colletotrichum lagenarium (Deuteromycetes).
 SECHIUM—Continued.
Mycosphaerella citrullina (Ascomycetes).
Septomyza persicina (Deuteromycetes).
 SOJA:
Erysiphe polygona (Ascomycetes).
 SOLANUM MELONGENA:
Mycosphaerella citrullina (Ascomycetes).
 SOLANUM TUBEROSUM:
Aphelenchoides parietinus (Nematoda).
Aphelenchus avenae (Nematoda).
Ditylenchus dipsaci (Nematoda).
Pratylenchus pratensis (Nematoda).
 TABEBAUIA:
Heterodera marioni (Nematoda).
 TAGETES:
Erysiphe cichoracearum (Ascomycetes).
Puccinia tagetica (Promycetes).
 TARAXACUM:
Septoria taraxaci (Deuteromycetes).
 TERMINALIA:
Fusicoccum microspermum (Deuteromycetes).
 TIGRIDIA:
Ditylenchus dipsaci (Nematoda).
 TRIFOLIUM:
Phyllachora trifolii (Ascomycetes).
Pseudopeziza medicaginis (Ascomycetes).
Pseudopeziza trifolii (Ascomycetes).
Uromyces trifolii (Promycetes).
 TRITICUM:
Anguina tritici (Nematoda).
Gibberella saubinetii (Ascomycetes).
Mycosphaerella tulasnei (Ascomycetes).
Septoria nodorum (Deuteromycetes).
Tilletia tritici (Promycetes).
 TULIPA:
Botrytis tulipae (Deuteromycetes).
 VACCINIUM:
Sporonema ozyccoci (Deuteromycetes).
 VICIA:
Uromyces fabae (Promycetes).
 VIGNA:
Aspergillus flavus (Deuteromycetes).
 XANTHOSOMA:
Aphelenchoides parietinus (Nematoda).
Cephalobus persegnis (Nematoda).
Ditylenchus intermedius (Nematoda).
 ZAMIA:
Aschersonia cubensis (Deuteromycetes).
 ZINGIBER:
Aphelenchoides parietinus (Nematoda).
Panagrolaimus rigidus (Nematoda).
 ZINNIA:
Cercospora atricincta (Deuteromycetes).
Cercospora zinniae (Deuteromycetes).
Erysiphe cichoracearum (Ascomycetes).

Unknown hosts

- LEAF:
 Erinose (mite gall).

Country of origin and diseases

- AFGHANISTAN:
Anguina tritici (Steinb.) Filipjev.
 ANTIGUA:
Pratylenchus pratensis (deMan) Filipjev.
 ARABIA:
Colletotrichum graminicolum (Ces.) Wils.
Epichloe typhina (Tul.) Pers.
Phyllachora trifolii Fekl.
 ARGENTINA:
Diplodia tubericola (E. & E.) Taub.
Puccinia allii (DC.) Rud.
Uromyces striatus medicaginis (Pass.) Arth.
 AUSTRALIA:
Phoma citricarpa McAlp.
Vermicularia litaeearum Westd.
 BAHAMAS:
Myriangium duriae Mont. & Berk.
Nectria diploa B. & C.
 BELGIUM:
Cercospora handeli Bubak.
Glomerella cincta (Ston.) Spauld. & Schrenk.
 BELGIUM—Continued.
Pestalozzia rhododendri (D. Sacc.) Guba.
Puccinia allii (DC.) Rud.
Sclerotinia minor Jagger.
Septoria azaleae Vogl.
Thielaviopsis basicola (Berk.) Ferraris.
 BERMUDA:
Mycosphaerella rosicola (Pass.) B. H. Davis.
Pestalozzia coccolobae E. & E.
Septoria chrysanthemella Cav.
Septoria drummondii E. & E.
Virus (mosaic).
 BRAZIL:
Colletotrichum lagenarium (Pass.) Ell. & Hals.
Elsinoe australis Bit. & Jenk.
Gloeosporium orchidearum Karst. & Har.
Hemileia oncidi Griff. & Maubl.
Heterodera marioni (Cornu) Goodey.
Mycosphaerella musae (Spez.) Syd.
Oospora citri-aurantii C. O. Smith.
Podonectria coccicola E. & E.
Septoria lactucae Pass.

Country of origin and diseases—Continued

CANADA:

Cercospora rhododendri March. & Verpl.
Coleosporium solidaginis (Schw.) Thuem.
Nectria cinnabarina (Tode) Fr.
Phragmidium rosae-acicularis Liro.
Septoria origanicola majoranae Bres.

CHILE:

Melampsora medusae Thuem.
Puccinia allii (DC.) Rud.
Rhizoctonia bataticola (Taub.) Butl.
Tranzschelia pruni-spinosae (Pers.) Diet.

CHINA:

Alternaria citri N. B. Pierce.
Aphelenchoides parietinus (Bast.) Steiner.
Bacterium citri (Hasse) Doidge.
Diplodia tubericola (E. & E.) Taub.
Ijuhya vitrea Starb.
Stemphylium citri Patterson & Charles.

COLOMBIA:

Aphelenchoides parietinus (Bast.) Steiner.
Cephalosporium lecanii Zimm.
Cercospora musae Zimm.
Claviceps paspali (Schw.) Stevens & Hall.
Colletotrichum orchidearum All.
Gloeosporium cattleyae Sacc. & D. Sacc.
Gloeosporium odontoglossi macrospora Verpl.
Gloeosporium orchidearum Karst. & Har.
Glomerella cincta (Ston.) Spauld. & Schrenk.
Leptosphaeria musarum S. & H.
Macrophoma oncidii P. Henn.
Phyalospora camptosporum Sacc.
Pucciniopsis caricae Earle.

COSTA RICA:

Gloeosporium musarum Cke. & Mass.

CUBA:

Alternaria fasciculata (?) (C. & E.) Jones & Grout.
Aphelenchoides parietinus (Bast.) Steiner.
Aspergillus flavus Link.
Cephalobus persegnis Bast.
Cephalosporium lecanii Zimm.
Cercospora musae Zimm.
Cladosporium cucumerinum Ell. & Arth.
Colletotrichum vulcatum F. A. Went.
Colletotrichum lagenarium (Pass.) Ell. & Hals.
Colletotrichum phomoides (Sacc.) Chester.
Colletotrichum truncatum (Schw.) Andrus & Moore.
Ditylenchus intermedius (deMan) Filipjev.
Gloeosporium musarum Cke. & Mass.
Helminthosporium curvulum Sacc.
Mycosphaerella citrullina (Smith) Gross.
Nectria diploa B. & C.
Oospora citri-aurantii C. O. Smith.
Panagrolaimus hygrophilus Bassen.
Panagrolaimus rigidus (Schneider) Thorne.
Phomopsis capsici (Mgn.) Sacc.
Phyllosticta antirrhini Syd.
Phyllosticta phaseolina Sacc.
Phytophthora terrestris Sherb.
Pucciniopsis caricae Earle.
Septomyxa persicina (Fres.) Sacc.
Sphaerotheca pannosa (Wallr.) Lev.
Uromyces dolicholi Arth.
Vermicularia capsici Syd.
Zygosporium oschoides Mont.

DENMARK:

Aphelenchoides parietinus (Bast.) Steiner.
Pratylenchus pratensis (deMan) Filipjev.
Rhizima acerinum (Pers.) Fries.
Rotylenchus robustus (deMan) Filipjev.
Urocystis occulta (Wallr.) Rab.

DOMINICAN REPUBLIC:

Colletotrichum macrosporum Sacc.

ECUADOR:

Gloeosporium musarum Cke. & Mass.

EGYPT:

Puccinia allii (DC.) Rud.
Puccinia cesatii Schroet.

ENGLAND:

Alternaria dianthi Stevens & Hall.
Aphelenchoides huntii Steiner.
Cercospora angreici Gaill. & Feuill.
Coleosporium campanulae (Pers.) Lev.
Colletotrichum orchidearum All.
Cytospora ambiens Sacc.
Ditylenchus dipsaci (Kuhn) Filipjev.
 Erinose.
Gibberella saubinetii (Mont.) Sacc.
Oidium hortensiae Jorstadt.

ENGLAND—Continued.

Peronospora pisi (DeBy.) Syd.
Pestalozzia macrotricha Klebahn.
Pestalozzia rhododendri (D. Sacc.) Guba.
Rhizima acerinum (Pers.) Fries.
Sclerotinia fructigena Aderh. & Ruhl.
Septoria chrysanthemella Cav.
Septoria nodorum Berk.

FRANCE:

Aphelenchoides parietinus (Bast.) Steiner.
Coryneum solicolium Fckl.
Cytospora ambiens Sacc.
Ditylenchus dipsaci (Kuhn) Filipjev.
Erysiphe polygona DC.
Gloeosporium fructigenum Berk.
Leptothyrium macrothecium Fckl.
Leptothyrium rubi (Duby) Sacc.
Mycosphaerella schoenoprasii (Rabenh.) Schroet.
Nectria binotiana Sacc.
Panagrolaimus rigidus (Schneider) Thorne.
Phomopsis prunorum Grove.
Plasmodiophora brassicae Wor.
Puccinia allii (DC.) Rud.
Sclerotinia fructigena Aderh. & Ruhl.
Sclerotium cepicorum Berk.
Vermicularia liliacearum Westd.

GERMANY:

Aphelenchoides fragariae (Ritzema Bos) Christie.
Aphelenchoides parietinus (Bast.) Steiner.
Ditylenchus dipsaci (Kuhn) Filipjev.
Fusicoccum quercinum Sacc.
Phoma conigena abieticola Sacc.
Pratylenchus pratensis (deMan) Filipjev.
Puccinia allii (DC.) Rud.

GREECE:

Oidium euonymi-japonici (Arcang.) Sacc.

GUATEMALA:

Cercospora musae Zimm.
Colletotrichum orchidearum All.
 Erinose.
Heterosporium echinulatum (Berk) Cke.
Oospora citri-aurantii C. O. Smith.
Phyalospora cattleyae Maubl. & Lasn.
Rarenelia ingae (P. Henn.) Arth.

HAITI:

Oospora citri-aurantii C. O. Smith.
Nectria diploa B. & C.

HONDURAS:

Cercospora musae Zimm.
Myriangium duricae Mont. & Berk.
Nectria diploa B. & C.
Pucciniopsis caricae Earle.

HUNGARY:

Puccinia allii (D. C.) Rud.

INDIA:

Bacterium citri (Hasse) Doidge.
Phyllachora cynodontis (Sacc.) Niessl.

IRAN:

Anguina tritici (Steinb.) Filipjev.

IRELAND:

Apiosporella rhodophila Sacc.
Coryneum microstictum B. & Br.
Gloeosporium fructigenum Berk.
Pestalozzia compta Sacc.
Pseudopeziza medicaginis (Lib.) Sacc.
Pseudopeziza trifolii (Biv.) Fckl.
Puccinia buri DC.
Uromyces trifolii (Hedw. f.) Lev.

ITALY:

Coryneum bejerinckii Oud.
Cumminsella sanguinea (Peck) Arth.
Cylindrosporium castanicolum (Desm.) Berl.
Cytospora ambiens Sacc.
Fusicladium depressum (B. & Br.) Sacc.
Fusicladium eriotryae Cav.
Heterosporium allii Ellis & Mart.
Leptosphaeria rusci (Wallr.) Sacc.
Leptothyrium pomi (Mont. & Fr.) Sacc.
Microdiploidi palmorum Died.
Mycosphaerella citrullina (Smith) Gross.
Oidium euonymi-japonici (Arcang.) Sacc.
Peronospora pisi (DeBy.) Syd.
Phyllosticta ruscicola Dur. & Mont.
Pleospora herbarum (Pers.) Rabh.
Puccinia allii (DC.) Rud.
Puccinia magnusianum Koern.
Rhabditis producta Schneider.
Sclerotinia fructigena Aderh. & Ruhl.

Country of origin and diseases—Continued

ITALY—Continued.

- Sclerotium cepivorum* Berk.
Septoria dianthi Desm.
Septoria endiviae Thuem.
Septoria taraxaci Holl.
Urocystis cepulae Frost.
Uromyces betae (Pers.) Lev.
Uromyces fabae (Pers.) DeBary.
Ustilago bromivora Fischer de Wald.
Ustilago voillanti Tul.

JAMAICA:

- Heterodera marioni* (Cornu) Goodey.
Mycosphaerella citrullina (Smith) Gross.
Pratylenchus pratensis (deMan) Filipjev.
Pucciniopsis caricae Earle.

JAPAN:

- Acrospira mirabilis* B. & Br.
Alternaria citri N. B. Pierce.
Bacterium campestre (Pammel) E. F. S.
Bacterium citri (Hasse) Doidge.
Bacterium pisi (Sackett) E. F. S.
Ceratostomella fimbriata (E. & H.) Elliott.
Cercosporaella euonymi Eriks.
Colletotrichum lagenarium (Pass.) Ell. & Hs.
Coryneum microstictum B. & Br.
Discosia artoceas (Tode) Fr.
Erysiphe polygoni DC.
Gloeosporium cymbidii Verpl.
Heterodera marioni (Cornu) Goodey.
Meliola pengizi Sacc.
Mycosphaerella schoenoprasii (Rabenh.) Schroet.
Pestalozzia neglecta Thum.
Pezizella lythri (Desm.) Shear & Dodge.
Phlyctaena ranunculacearum v. H.
Phoma citricarpa McAlp.
Phoma tenuis Pass.
Phyllosticta camelliaeicola meranensis Bubak.
Physalospora japonica Togashi.
Plasmodiophora brassicae Wor.
Sclerotiopsis testudinea Dearness.
Stemphylium citri Patterson & Charles.
Uromyces tespedezae-procumbentis (Schw.) Curtis.

JAVA:

- Aphelenchoides parietinus* (Bast.) Steiner.
Bacterium citri (Hasse) Doidge.
Vermicularia capsici Syd.

MALTA:

- Erysiphe polygoni* DC.

MEXICO:

- Alternaria mali* J. W. Roberts.
Aplanobacter michiganensis E. F. S.
Aspergillus glaucus Link.
Bacterium phaseoli E. F. S.
Bacterium pisi (Sackett) E. F. S.
Bacterium punctilans Bryn.
Botrytis allii Munn.
Ceratostomella fimbriata (E. & H.) Elliott.
Cercospora althaeina Sacc.
Cercospora atricincta Heald & Wolf.
Cercospora ipomoeae Wint.
Cercospora musae Zimm.
Cercospora zinniae E. & M.
Colletotrichum destructivum O'Gara.
Colletotrichum falcatum F. A. Went.
Colletotrichum hedericola Laubert.
Colletotrichum orchidearum All.
Colletotrichum phomoides (Sacc.) Chester.
Colletotrichum pisi Pat.
Colletotrichum stanhopeae P. Henn.
Cylindrosporium chrysanthemi Ell. & Dearn.
Dartluca filum (Biv.) Cast.
Diplodia tubericola (E. & E.) Taub.
Epicoccum nigrum Lk.
Erysiphe cichoracearum DC.
Erysiphe polygoni DC.
Gloeosporium crocatum Sacc.
Gloeosporium laeliae P. Henn.
Gloeosporium musarum Cke. & Mass.
Gloeosporium psidii Del.
Glomerella gossypii (E. A. Southworth) Edg.
Helminthosporium oryzae v. Br. de Haan.
Heterosporium echinulatum (Berk.) Cke.
Kuehneola maticicola (Speg.) Arth.
Leptothyrium pomi (Mont. & Fr.) Sacc.
Macrosporium commune Rab.
Macrosporium porri Ellis.
Melanospora abietis-capraearum Tubenf.
Melanconium sacchari Masseur.

MEXICO—Continued.

- Monilochaetes infuscans* Ell. & Hs.
Mycosphaerella rubi E. W. Roark.
Myriangium duriae Mont. & Berk.
Oospora citri-aurantii C. O. Smith.
Papulospora coprophila (Zukal) Hotson.
Papulospora sp.
Peronospora pisi (DeBy.) Syd.
Peronospora trifoliarum DeBy.
Phleospora multimaculans Heald & Wolf.
Phoma betae (Oud.) Frank.
Phoma lingam (Tode) Desm.
Phoma pomi Pass.
Phyllachora graminis (P. ex. Fr.) Fekl.
Phyllachora gratissima Rehm.
Phyllactinia corylea (Pers.) Karst.
Phyllosticta gladioli E. & E.
Phyllosticta nigro-maculans Sacc.
Phyllosticta stanhopeae All.
Phytophthora phaseoli Thaxt.
Phytophthora terrestris Sherb.
Pratylenchus pratensis (deMan) Filipjev.
Pseudopeziza medicaginis (Lib.) Sacc.
Puccinia chrysanthemi Roze.
Puccinia heterospora B. & C.
Puccinia purpurea Cke.
Puccinia schedonnardi Kellerm. & Sw.
Puccinia tageticola Diet. & Holw.
Septoria darrovii Zeller.
Septoria gladioli Pass.
Septoria hydrangeae Bizz.
Septoria lycopersici Speg.
Septoria rubi Westd.
Sphaerotheca pannosa (Wallr.) Lev.
Tilletia tritici (Bjerk.) Wint.
Tranzschelia pruni-spinosae (Pers.) Diet.
Uredinopsis macrospora (Cooke) Magn.
Uromyces striatus medicaginis (Pass.) Arth.
Ustilago levis (Kell. & Sw.) Magn.
Verticillium albo-atrum Reinke & Berth.
 Virus (mosaic).
 Virus (spotted wilt).

MOROCCO:

- Aspergillus alliaceus* Thom & Church.
Ustilago vallanti Tul.

NETHERLANDS:

- Aphelenchoides fragariae* (Ritzema Bos) Christie.
Aphelenchoides parietinus (Bast.) Steiner.
Aphelenchoides subtenus (Cobb) Goodey.
Aphelenchus avenae Bast.
Bacterium hyacinthi Wakker.
Botrytis galanthina (B. & Br.) Sudw.
Botrytis narcissicola Kleb.
Botrytis tulipae (Sacc.) Hopkins.
Ditylenchus dipsaci (Kuhn) Filipjev.
Eutypa bambusina Penz. & Sacc.
Mycosphaerella citrullina (Smith) Gross.
Papulospora coprophila (Zukal) Hotson.
Papulospora parasitica (Eid.) Harz.
Papulospora sp.
Phomopsis pernicioso Grove.
Pratylenchus pratensis (deMan) Filipjev.
Puccinia allii (DC.) Rud.
Puccinia phragmitis (Schum.) Koern.
Rotylenchus robustus (deMan) Filipjev.
Sclerotinia minutissima Drayton.
Sclerotinia narcissi Drayton.
Septoria azalae Vogl.
Stagonospora curtisii (Berk.) Sacc.
Urocystis colchici (Schlecht.) Rab.
Ustilago grandis Fries.
Verticillium albo-atrum Reinke & Berth.

NEW FOUNDLAND:

- Sporonema ozyococi* Shear.

NEW SOUTH WALES:

- Physalospora rosicola* Sacc.

NEW ZEALAND:

- Cryptospora longispora* Servazzi.

NORWAY:

- Aphelenchoides parietinus* (Bast.) Steiner.
Aphelenchus avenae Bast.
Pratylenchus pratensis (deMan) Filipjev.
Vermicularia trichella Fr.

NOVA SCOTIA:

- Guignardia aesculi* (Pk.) V. B. Stewart.

PALESTINE:

- Hendersonia donacis* Sacc.

Country of origin and diseases—Continued

- PANAMA:**
Nectria diploa B. & C.
- PERU:**
Diplodia tubericola (E. & E.) Taub.
Uredo erythroxylonis Graz.
Virus (mosaic).
- PHILIPPINES:**
Bacterium citri (Hasse) Doidge.
Colletotrichum macrosporum Sacc.
Heterodera marioni (Cornu) Goodey.
Pestalozzia palmarum Cke.
- POLAND:**
Erinose.
- PORTUGAL:**
Botrytis allii Munn.
Darluca fitum (Biv.) Cast.
Mycosphaerella citrullina (Smith) Gross.
Mycosphaerella tulasnei Jacz.
Puccinia allii (DC.) Rud.
Septoria pisi West.
- PUERTO RICO:**
Aschersonia cubensis B. & C.
Cephalosporium lecanii Zimm.
Colletotrichum cajani Rangel.
Fusicoccum microspermum Has. & Karst.
Gloeosporium musarum Cke. & Mass.
Mycosphaerella lythracearum Wolf.
Myriangium duriae Mont. & Berk.
Nigrospora oryzae (B. & Br.) Petch.
Pucciniopsis caricae Earle.
- RUMANIA:**
Aphelenchoides parietinus (Bast.) Steiner.
Aphelenchus arenae Bast.
Puccinia allii (DC.) Rud.
Septoria matricola Ell. & Mart.
- ST. VINCENT:**
Ceratostomella fimbriata (E. & H.) Elliott.
- SIERRA LEONE:**
Aphelenchoides huntii Steiner.
Diplodia tubericola (E. & E.) Taub.
Melanconium sacchari Massee.
- SPAIN:**
Bacterium citri (Hasse) Doidge.
Leptothyrium pomi (Mont. & Fr.) Sacc.
Puccinia allii (DC.) Rud.
- STRAITS SETTLEMENTS:**
Bacterium citri (Hasse) Doidge.
- SWEDEN:**
Septoria caricis montanae Vestergren.
- SWITZERLAND:**
Chrysomya rhododendri (DC.) DeBy.
Puccinia gentianae (Str.) Link.
- SYRIA:**
Tilletia vulpiae P. Magn.
- THAILAND:**
Bacterium citri (Hasse) Doidge.
- TRINIDAD:**
Cephalosporium lecanii Zimm.
- TURKEY:**
Botrytis galanthina (B. & Br.) Sacc.
Puccinia allii (DC.) Rud.
- URUGUAY:**
Puccinia allii (DC.) Rud.
- UNION OF SOUTH AFRICA:**
Diplodia tubericola (E. & E.) Taub.
Mycosphaerella citrullina (Smith) Gross.
Puccinia ornithogali-thyrsoidea Diet.
Septoria citri Pass.
- VENEZUELA:**
Gloeosporium cottleyae Sacc. & D. Sacc.
Glomerella cincta (Ston.) Spauld. & Schrenk.
Mycosphaerella citrullina (Smith) Gross.
- VIRGIN ISLANDS:**
Pestalozzia palmarum Cke.
- WEST AFRICA:**
Diplodia tubericola (E. & E.) Taub.

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