

United States Department of Agriculture

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1942

(List of Pests Recorded During the Period July 1, 1941, to June 30, 1942, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report covers the twenty-ninth year for which lists of pest interceptions have been issued. The records summarized include 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 between Hawaii and Puerto Rico and the mainland.

Determinations of collections made near the close of the preceding year are included with data for the current year. In addition to routine reports and determinations by the personnel of this Bureau, considerable information is supplied by State and customs officials. Staffs of specialists maintained by the States of California and Florida and the Territory of Hawaii determine most of the interceptions made there, and specialists of the Bureau of Plant Industry determine a large part of the more difficult plant-disease material.

The scientific names of insects are checked by specialists in this Bureau and those of hosts and fungi by specialists in the Bureau of Plant Industry to make sure they conform to the appropriate international rules of nomenclature.

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

Anastrepha fraterculus was intercepted at Baltimore, Boston, and New Orleans in grapefruit and orange in quarters and stores from Argentina and Brazil. The Mexican fruitfly (*A. ludens*) was intercepted 3 times in oranges in baggage and quarters at Brownsville, Mobile, and New Orleans and 185 times in 12 different hosts in baggage, quarters, and stores from Mexico. The West Indian fruitfly (*A. mombinpraeoptans*) was taken 17 times in 3 hosts in baggage, mail, quarters, and stores from 7 different countries. *A. serpentina* was intercepted 8 times in 5 hosts in baggage, quarters, and stores from Brazil, Colombia, and Mexico. *A. striata* (one adult) was taken at Hoboken with wild *Cattleya* sp. in cargo from Venezuela. *A. suspensa* was intercepted at New York in guava in baggage and mail from Puerto Rico. The Mediterranean fruitfly (*Ceratitis capitata*) was taken 11 times in 6 different hosts in baggage and quarters from Hawaii and Portugal. The melon fly (*Dacus cucurbitae*) was intercepted at San Francisco and San Pedro in 3 hosts in stores from Hawaii. The currant fruitfly (*Epochra canadensis*) was taken twice at El Paso in wild currant in baggage from Mexico. The apple maggot (*Rhagoletis pomonella*) was taken 4 times in apples in baggage at Laredo from Mexico. The papaya fruitfly (*Toxotrypana curvicauda*) was intercepted at New Orleans in papaya in stores from Honduras.

INSECTS OTHER THAN FRUITFLIES

In addition to the usual insects of major importance, such as the citrus blackfly (*Aleurocanthus woglumi*), the turnip gall weevil (*Ceutorhynchus pleurostigma*), the Asiatic rice borer (*Chilo simplex*), the rhododendron whitefly (*Dialeurodes chittendeni*), the West Indian sweetpotato weevil (*Eusepeus postfasciatus*), the East

Indian bean pod borer (*Maruca testulalis*), and the pink bollworm (*Pectinophora gossypiella*), listed in the detailed table are many insects which were intercepted for the first time, or for the first time on the host indicated, or for the first time from the country indicated, or are of special interest for some other reason. References to "first record" in these notes refer to our interception records only. The insects fall in different groups, cover a wide host range, and come from many parts of the world, e. g., *Aonidiella pinicola* (Coccidae) first record and not previously in the National Museum Collection, *A. eremocitri* (Coccidae) first record, *Bruchus dentipes* (Bruchidae) first record in broadbean, *Capaneus odiosus* (Coreidae) first record from Venezuela, *Chirothrips aculeatus* (Thripidae) first record, *Dialeurodes kirkaldyi* (Aleyrodidae) first record on *Tabernaemontana* sp., *Elaphrothrips dampfi* (Phlaeothripidae) first record, *Fulvius brevicornis* (Miridae) first record, *Heilipus trifasciatus* (Curculionidae) (formerly listed as *H. perseae*) first record from Costa Rica, *Lamprosema schistisemalis* (Pyraustidae) first record, *Metamasius callizona* (Curculionidae) first record on pineapple, *Microcerotermes exiguus* (Termitidae) first record in wood and also first record from Nicaragua, the carrot rust fly (*Psila rosae*) first record from Iceland, *Urbanus proteus* (Hesperiidae) first record in string bean and also first record from Mexico, and *Urodus parvula* (Hyponomeutidae) first record.

NOTES ON PLANT DISEASES INTERCEPTED

Among the more important plant-disease interceptions were 6 of citrus canker (*Bacterium citri*), 5 of a somewhat similar bacterial canker of citrus in South America which is called Cancrosis-B, 2 of Dutch elm disease (*Ceratostomella* (*Graphium*) *ulmi*), 159 of banana leaf spot (*Cercospora musae*), 12 of the bulb and stem eelworm (*Ditylenchus dipsaci*), 16 of sweet orange scab (*Elsinoe australis*), 363 of lima bean scab (*Elsinoe phaseoli*), 9 of citrus black spot (*Phoma citricarpa*), and 3 of a broomcorn smut (*Sphacelotheca sorghicola*).

COMMON PESTS INTERCEPTED

Many of the pests intercepted are of species already well established here. Some of these may include potentially destructive strains not yet introduced, but it is not practicable to determine that point. Pests not yet established here but intercepted in large numbers on one or two hosts are in some cases listed here instead of in the detailed table. While many thousands of interceptions of common pests are not recorded, the data that follow are sufficient to show their general nature. The numbers following the scientific names of the pests indicate the number of countries of origin from which the pest was intercepted and the number of interceptions recorded.

INSECTS

Common insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (11-32), *Ahasverus advena* (11-23), *Anthonomus eugenii* (2-4,930), *Aonidiella aurantii* (15-49), *Aphis gossypii* (6-38), *Araecerus fasciculatus* (7-21), *Aspidiotus camelliae* (4-14), *A. cyanophylli* (10-48), *A. hederarum* (6-39), *A. lataniae* (17-187), *A. perniciosus* (3-17), *Brevicoryne brassicae* (12-24), *Carpocapsa pomonella* (8-200), *Cathartus quadricollis* (2-14), *Cerataphis lataniae* (14-122), *Chionaspis citri* (8-14), *Chrysomphalus aonidium* (18-69), *C. dictyospermi* (10-122), *Coccus hesperidum* (13-100), *Diaspis boisduvalii* (20-582), *D. bromeliae* (4-22), *Ephestia cautella* (6-19), *Etiella zinckenella* (2-20), *Gnorimoschema operculella* (22-283), *Heliothis armigera* (8-7,987), *H. virescens* (3-222), *Hippodamia convergens* (1-35), *Howardia biclavis* (5-16), *Ischnaspis longirostris* (6-13), *Laphygma frugiperda* (4-333), *Lasioderma serricorne* (10-45), *Lepidosaphes beckii* (34-150), *L. gloverii* (5-10), *Myzus persicae* (10-46), *Necrobia rufipes* (4-20), *Oryzaephilus surinamensis* (2-11), *Parlatoria pergandii* (8-15), *P. proteus* (10-69), *Pinnaspis minor* (7-99), *Plodia interpunctella* (4-31), *Pseudococcus adonidium* (11-23), *P. brevipes* (8-15), *P. citri* (11-26), *P. maritimus* (8-16), *Rhizoglyphus hyacinthi* (9-39), *Saissetia hemisphaerica* (16-175), *S. nigra* (4-25), *S. oleae* (11-16), *Selenaspis articulatus* (16-49), *Sitophilus oryzae* (7-26), *Sitotroga cerealella* (5-11), *Stegobium paniceum* (8-15), *Tenebroides mauritanicus* (2-10), *Thrips tabaci* (10-38), *Tribolium castaneum* (9-16), *Typhaea stercorea* (10-53).

In addition to the listed species of common insects, there were 5,560 interceptions belonging to 695 different species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing them by species. Total of common insects intercepted, 21,966.

DISEASES

Common plant diseases intercepted 10 or more times, and recorded, included *Actinomyces scabies* (21-247), *Albugo candida* (3-36), *Alternaria brassicae* (8-12), *A. solani* (3-103), *A. tomato* (1-1,157), *Aphelenchoides parietinus* (6-10), *Aplanobacter michiganense* (1-101), *Aspergillus niger* (22-345), *Bacillus carotovorus* (12-59), *Bacterium phaseoli* (1-56), *B. vesicatorium* (7-1,588), *Botrytis cinerea* (17-39), *B. tulipae* (2-23), *Capnodium citri* (8-15), *Cephalothecium roseum* (8-45), *Ceratostomella adiposum* (1-13), *C. fimbriata* (6-15), *C. paradoxa* (16-198), *Cercospora beticola* (1-16), *C. capsici* (2-102), *C. rosicola* (3-89), *Cladosporium fulvum* (2-154), *Colletotrichum circinans* (4-359), *C. lindemuthianum* (8-67), *C. nigrum* (4-12), *C. orchidearum* (11-30), *C. phomoides* (1-26), *Corticium vagum* (16-622), *Cylindrosporium chrysanthemi* (1-22), *Diaporthe citri* (19-124), *D. phaseolorum* (3-99), *Diplocarpon rosae* (3-23), *Diplodia natalensis* (19-53), *D. tubercicola* (12-24), *Elsinoe fawcettii* (16-141), *E. phaseoli* (2-363), *Erysiphe graminis* (2-13), *E. polygoni* (1-40), *Gloeosporium limeticolum* (25-273), *G. musarum* (7-18), *Glomerella cingulata* (19-541), *Helminthosporium allii* (6-2,247), *Heterodera marioni* (13-22), *Melanconium sacchari* (3-24), *Mycosphaerella brassicicola* (7-12), *M. citrullina* (5-20), *Oospora citri-aurantii* (2-14), *O. lactis parasitica* (9-205), *O. pustulans* (2-11), *Penicillium digitatum* (9-87), *P. expansum* (2-20), *P. italicum* (11-15), *Phoma destructiva* (4-566), *Phomopsis vexans* (9-217), *Phytophthora infestans* (7-32), *P. phaseoli* (1-10), *Puccinia allii* (5-17), *P. chrysanthemi* (1-28), *P. graminis* (15-45), *P. rubigo-vera* (8-23), *Pucciniopsis caricae* (1-35), *Pythium debaryanum* (1-34), *Rhizopus nigricans* (20-663), *Sclerotinia sclerotiorum* (12-38), *Sclerotium oryzae* (8-15), *S. rolfsii* (7-20), *Septoria apii* (9-14), *Sphaceloma perseae* (6-267), *Sphacelotheca sorghi* (1-10), *Sphaerotheca pannosa* (3-10), *Spondylocladium atrovirens* (10-19), *Spongospora subterranea* (4-11), *Uromyces phaseoli typica* (1-24), *Ustilago zeae* (2-26), *Venturia inaequalis* (16-61), *Verticillium cinnabarina* (10-47).

In addition there were recorded 244 interceptions of 74 other species of common pathogens, making a total of 12,428 recorded interceptions of common diseases.

INCOMPLETELY DETERMINED PESTS

Each year interceptions include some pests which appear to be new to science and hence undescribed. Others are not determinable because available descriptions are inadequate and authentic material is lacking. In many cases the intercepted material is inadequate or not in a stage to permit determination.

INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, intercepted at Baltimore, Brownsville, New Orleans, New York, and Philadelphia in peach, grapefruit, and orange from Argentina, Brazil, Mexico, and Trinidad; *Anastrepha* sp. at Jacksonville, Laredo, Miami, and New Orleans in cherimoya, guava, mango, orange, plum, and quince from Brazil, Colombia, Honduras, Jamaica, and Mexico; *Ceratitis* sp., likely *capitata*, at Seattle in coffee berry from Hawaii; *Ceratitis* sp. at Boston in orange from the Union of South Africa; *Dacus* sp. at Baltimore in orange from Mozambique; *Epochra* sp., probably *canadensis*, at El Paso in currant from Mexico; *Rhagoletis* sp., probably *pomonella*, at Brownsville and Laredo in apple, *Crataegus* sp., mango and plum from Mexico; and *Rhagoletis* sp., probably *suavis* (Loew), at Nogales in black walnut from Mexico.

In addition to the incompletely identified fruitflies the following miscellaneous insects of special interest were intercepted: *Acrolophus* sp., near *pallidus* (Mosch.) (Acrolophidae), at Hoboken with orchids from Colombia and Costa Rica; *Agromyza* sp., near *setosa* Loew (Agromyzidae), at Nogales in purslane from Mexico; *Amblycerus* sp. (Bruchidae) at Chicago and New York in seeds of *Dipteryx* sp. and *Prosopis chilensis* from Brazil and Dominican Republic; *Amphicerus* sp., probably *hamatus* (F.) (Bostrichidae), at New York in elder from Mexico; *Chirothrips* sp., near *sulcatus* Johns. (Thripidae), at Baltimore and the Inspection House in Washington, D. C., with grass seeds from the Union of South Africa; *Asterolecanium* sp., close to *puteanum* Russell (Coccidae), at San Francisco on *Ilex* sp. (?) from Guatemala; *Ceuthorhynchidius* sp., near *wickhami* Champ. (Curculionidae), at Laredo on an herb from Mexico; *Cnemonyx* sp. (Scolytidae) at New York under the bark of a mahogany hybrid log from Costa Rica; *Conotrachelus* sp., probably *nenuphar* (Hbst.) (Curculionidae), at Brownsville, El Paso, and Laredo in apple

and peach from Mexico; *Desiantha* sp., near *maculata* Blackburn (Curculionidae), at Seattle with dahlia tubers from Australia; *Epitrix* sp., near *hirtipennis* (Melsh.) (Chrysomelidae), at Laredo and Nogales with lettuce and tomato from Mexico; *Heilipus* sp., probably *lauri* Boh. (Curculionidae), at Brownsville in an avocado seed from Guatemala; *Laspeyresia* sp., probably *nigricana* (Stph.) (Olethreutidae), at New York in fresh peas from Portugal; *Lygus* sp., close to *plagiatus* Uhl. (Miridae), at Eagle Pass with lettuce from Mexico; *Magdalis* sp., probably *armigera* Geoff. (Curculionidae), at New York on elm crates from England; *Marmara* sp. (Gracilariidae) at El Paso and Nogales in avocado and pepper from Mexico; *Metamasius* sp., probably *ritchiei* (Marsh.) (Curculionidae), at Hidalgo in pineapple from Mexico; *Palmaricoccus* sp., very close to *attaleae* Stickney (Coccidae), at New York on *Attalea* sp. from Venezuela; *Pityophthorus* sp., near *confertus* Sw. (Scolytidae), at New York in wooden canes used as packing from Mexico; *Platypus* sp., near *apertus* Chapuis (Platypodidae), at New York in lignumvitae log from Guatemala.

In addition to the incompletely determined insects listed above there were 5,498 interceptions which could be identified to genus only. These were distributed among 691 different genera. A total of 208 could be determined to family and subfamily only.

Total of incompletely determined insects intercepted, 5,833.

DISEASES

Among the incompletely determined diseases intercepted during the year were 5 of a serious disease similar to citrus canker and known as "Cancrosis-B", all on lemons from Argentina in stores. Nematodes intercepted included *Acrobeloides* sp. and *Aphelenchoides* sp., both new species apparently, in narcissus bulbs from Canada. Other undetermined pathogens included *Colletotrichum* spp. on *Paspalum dilatatum* seed from India and flower seed from Mexico, *Helminthosporium* sp. on tomato from Mexico, *Phytophthora* sp. on *Cattleya* sp. from Venezuela, undetermined rusts on grasses from Canada, Dutch East Indies, and Mexico and on *Heteropogon contortus* from Straits Settlements, *Sclerotinia* sp. on carrot from the Union of South Africa and tomato and husk tomato from Mexico, *Sphaeronema* sp. on *Sechium edule* from Brazil, and undetermined virus diseases on vegetables from Cuba and Mexico. A total of 6,343 incompletely determined pathogens were recorded during the year.

ENTOMOGENOUS FUNGI

Entomogenous fungi noted during the course of inspection are sometimes recorded. Records for this year include *Aschersonia* sp. on undetermined scale insect on *Syzygium malaccense* leaf from Trinidad and on camellia leaf from Mexico; *Cephalosporium lecanii* Zimm. on *Coccus viridis* on Cape-jasmine from Cuba and Venezuela, on *C. acuminatus* on Cape-jasmine from Cuba, and on *Pulvinaria pyriformis* on Cape-jasmine from Venezuela; *Microcera* sp. on coccid on lime and orange leaves from Mexico; *Myriangium duriaei* on *Lepidosaphes beckii* on orange from Cuba; *Nectria diploa* Berk. & Curt. on *Lepidosaphes beckii* on oranges from Bahamas, Brazil, Cuba, Dominican Republic, Jamaica, and Trinidad and on grapefruit from Cuba and Puerto Rico; *Periconia pycnospora* Fres. on a lepidopterous larva on an orchid leaf from Mexico; *Pestalozzia* sp. on a lepidopterous larva on an orchid leaf from Mexico; *Podonectria coccicola* (Ell. & Ev.) Petch on *Lepidosaphes beckii* on oranges from Puerto Rico and Carribean region and on unknown host on Cape-jasmine from Mexico; and *Torrubiella* sp. on an insect on a gardenia leaf from Mexico.

Geographic summary of interceptions listed in main table and interception totals

Country	Insects	Diseases	Country	Insects	Diseases
Africa:	<i>Number</i>	<i>Number</i>	North America—Continued	<i>Number</i>	<i>Number</i>
Algeria.....	3	0	Mexico.....	9,380	147
Belgian Congo.....	1	0	West Indies.....	1	0
Gold Coast.....	2	0	American Virgin		
Morocco (French).....	1	0	Islands.....	2	1
Rhodesia.....	0	2	Antigua.....	2	0
Tanganyika.....	0	1	Bahamas.....	8	0
Transvaal.....	0	1	Barbados.....	2	0
Union of South Africa.....	14	17	British West Indies.....	1	0
Asia:			Cuba.....	195	41
China.....	7	1	Dominica.....	1	0
Cyprus.....	4	0	Dominican Republic.....	14	4
French Indo-China.....	1	0	Dutch West Indies.....	10	0
India.....	22	2	Guadeloupe.....	1	0
Iran.....	4	1	Haiti.....	2	34
Japan.....	16	2	Jamaica.....	7	4
Malaya (British).....	11	0	Martinique.....	2	0
Palestine.....	4	0	Nevis.....	1	0
Straits Settlements.....	3	3	Puerto Rico.....	27	3
Thailand.....	5	1	St. Lucia.....	5	0
Australasia:			St. Vincent.....	1	0
Australia.....	4	14	Trinidad.....	48	1
Ceylon.....	0	1	Virgin Islands.....	2	0
Dutch East Indies.....	8	0	South America:		
Hawaii.....	86	1	Argentina.....	18	12
Java.....	5	2	Brazil.....	65	17
New Zealand.....	0	1	British Guiana.....	4	0
Philippines.....	37	2	Chile.....	2	9
Sumatra.....	4	0	Colombia.....	76	6
Tahiti.....	1	0	Dutch Guiana.....	5	0
Europe:			Ecuador.....	2	1
England.....	112	47	Peru.....	31	5
Hungary.....	0	1	Uruguay.....	0	1
Ireland.....	1	3	Venezuela.....	88	4
Portugal.....	8	7	Total:		
Scotland.....	4	0	Africa.....	21	21
Spain.....	2	3	Asia.....	77	10
Union of Soviet Socialist			Australasia.....	145	21
Republics.....	1	0	Europe.....	128	61
North America:			North America.....	9,896	329
Bermuda.....	5	2	South America.....	291	55
Canada.....	12	6	Unknown.....	2	1
British Columbia.....	3	0			
Newfoundland.....	2	0	Total.....	10,560	498
Nova Scotia.....	6	0			
Central America:			Total (common pests,		
British Honduras.....	2	0	p. 2).....	21,966	12,428
Canal Zone.....	35	1	Total (incompletely de-		
Costa Rica.....	38	22	termined pests, p.		
Guatemala.....	50	31	3).....	5,833	6,343
Honduras.....	11	28	Entomogenous fungi.....		27
Nicaragua.....	2	0	Total insects.....	38,359	
Panama.....	13	3	Total diseases.....		19,296
Salvador.....	3	1	Grand total.....		57,655
Iceland.....	2	0			

NOTE.—In addition to the countries named above, interceptions including common pests (p. 2) and incompletely determined pests (p. 3) were made from American Samoa, Angola, Aruba, Azores, Batavia, Bolivia, Canary Islands, Canton Island, Curacao, East Africa, Fanning Island, Fiji Islands, France, Gibraltar, Greece, Grenada, Guam, Kenya, Liberia, Madeira Islands, Midway, Montserrat, Mozambique, Netherlands, New Brunswick, New Caledonia, Nigeria, Palmyra Island, Paraguay, Sierra Leone, Solomon Islands, Sweden, Switzerland, Tasmania, Turkey, Turks Island, Uganda, Wales, and West Africa.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All findings marked with an asterisk indicate State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acalypta mera</i> Drake (Tingitidae):					
<i>Saxifraga camposi</i> (campos saxifrage)	Canada			1	Calif.*
<i>Sempervivum</i> sp.	do			1	Wash.
<i>Acanthoderes circumflexa</i> Duv. (Cerambycidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Canal Zone	1			N. Y.
<i>Acanthoscelides alticola</i> (Sharp) (Bruchidae):					
<i>Cassia occidentalis</i> (coffee senna)	do	1			N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
<i>Ceratonia siliqua</i> (carob)	Peru	3			Ill., La.
<i>Prosopis</i> sp. (mesquite)	Dutch East Indies, Peru	2			La.
<i>Acanthoscelides dominicanus</i> (Jekel) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia)	Mexico	2			Tex.
<i>Caesalpinia coriaria</i> (divi-divi)	Colombia, Dominican Republic, Dutch East Indies, Dutch West Indies, Jamaica, Mexico, Salvador, Venezuela.	47		4	Fla.*, La., N. J., N. Y., Tex.
<i>Caesalpinia</i> sp.	Mexico	1			N. Y.
<i>Acanthoscelides flexicaulis</i> (Schffr.) (Bruchidae):					
<i>Pithecellobium flexicaule</i> (ebony)	do	7	4	1	Tex.
<i>Acanthoscelides julianus</i> (Horn) (Bruchidae):					
<i>Pithecellobium</i> sp.	do			1	Tex.
<i>Acanthoscelides limbatus</i> (Horn) (Bruchidae):					
<i>Pithecellobium dulce</i> (guamachil apes-earring).	Hawaii			1	Calif.*
<i>Acanthoscelides pruininus</i> (Horn) (Bruchidae):					
<i>Bougainvillea</i> sp.	do	1			Calif.*
<i>Acanthoscelides sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> (huisache)	Mexico		1		Tex.
<i>Aceratagallia nana</i> Oman (Cicadellidae):					
<i>Chrysanthemum</i> sp.	do		1		Ariz.
<i>Aceratagallia pallida</i> Oman (Cicadellidae):					
<i>Capsicum annuum</i> (pepper)	do	1			Ariz.
<i>Aceratagallia robusta</i> Oman (Cicadellidae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Acmaeodera gibbula delumbis</i> Horn (Buprestidae):					
<i>Prosopis</i> sp. (mesquite)	do	1			Ariz.
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Acrolophus fervidus</i> Busck (Acrolophidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Acrosternum stitica</i> (Dall.) (Pentatomidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Adraneothrips tibialis</i> (Hood) (Phlaeothripidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Cuba	1			Fla.*
<i>Aeolus pulchellus</i> Cand. (Elateridae):					
<i>Stanhopea</i> sp. (orchid)	Mexico			1	Tex.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)	St. Lucia	5			N. Y.
<i>Poinciana</i> sp.	Trinidad		1		La.
<i>Agromyza virens</i> (Loew) (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	2			Tex.
<i>Agrotis vetusta</i> (Wlk.) (Phalaenidae):					
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus</i> sp.	Cuba		1		Fla.*
<i>Aleuroplatus cococolus</i> Q. & B. (Aleyrodidae):					
<i>Aechmea angusta</i>	Guatemala			1	Calif.*
<i>Aleuroplatus myricae</i> Q. & B. (Aleyrodidae):					
<i>Epigaea repens</i> (trailing arbutus)	Nova Scotia	2			Mass.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Aleurotrachelus camelliae</i> (Kuwana) (Aley- rodidae): <i>Camellia</i> sp.	Japan			1	Wash.
<i>Aleurotrachelus trachoides</i> (Back) (Aley- rodidae): Unidentified plant	Ecuador			1	N. J.
<i>Allocoris incognita</i> (McA. & M.) (Cydni- dae): <i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple)	do	38			Tex.
<i>Amblycerus piurae</i> (Pierce) (Bruchidae): <i>Ceratonia siliqua</i> (carob)	Peru	1			La.
<i>Amphicerus cornutus</i> (Pallas) (Bostri- chidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Sambucus</i> sp. (elder)	do	4			N. Y.
Wood	do	2			N. Y., Pa.
<i>Amphorophora rhododendri</i> (Wils.) (Aphii- dae): <i>Rhododendron</i> sp.	British Columbia			1	Wash.
<i>Anacentrinus deplanatus</i> Csy. (Curculi- onidae): <i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripi- dae): <i>Cattleya mendeli</i> (orchid)	Peru			1	Calif.*
<i>Miltonia pulchra</i> (orchid)	England			1	Calif.*
<i>Miltonia</i> sp.	do			1	Hawaii.*
<i>Odontoglossum</i> sp. (orchid)	do			1	Calif.*
Orchid	Colombia	1			Fla.*
<i>Anaphothrips orchidii</i> (Moult.) (Thripi- dae): <i>Cypripedium curtisi</i> (orchid)	Australia			1	Hawaii.*
<i>Anastrepha fraterculus</i> (Wied.) (Tephri- tidae): <i>Citrus paradisi</i> (grapefruit)	Argentina, Brazil		3		Md., Mass.
<i>Citrus sinensis</i> (orange)	Brazil		4		La., Md.
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Amygdalus persica</i> (peach)	Mexico	2			Tex.
<i>Citrus aurantifolia</i> (lime)	do	9			Tex.
<i>Citrus aurantium</i> (sour orange)	do	2			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	4			Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico, unknown origin.	108	9		Ala., Ariz., Calif.*, Fla.*, La., Md., N. Y., Pa., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	8			Tex.
<i>Malus sylvestris</i> (apple)	do	2			Tex.
<i>Mangifera indica</i> (mango)	do	23	4		Ariz., Tex.
<i>Persea americana</i> (avocado)	do	11			Tex.
<i>Punica granatum</i> (pomegranate)	do	3			Tex.
<i>Pyrus communis</i> (pear)	do	2			Tex.
Sapote	do	2			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Teph- ritidae): <i>Citrus paradisi</i> (grapefruit)	St. Vincent		1		Mass.
<i>Mangifera indica</i> (mango)	Cuba, Dominican Re- public, Haiti, Jamaica, Puerto Rico, un- known origin.	12	4		Ala., Fla.*, La., N. Y., P. R.
<i>Psidium guajava</i> (guava)	Dominican Republic			1	P. R.
<i>Anastrepha serpentina</i> (Wied.) (Tephri- tidae): <i>Calocarpum sapota</i> (mamey sapote)	Mexico		1		S. C.
<i>Citrus paradisi</i> (grapefruit)	Brazil		2		La.
<i>Citrus sinensis</i> (orange)	do		1		Ala.
<i>Mammea americana</i> (mamey)	Mexico	3			Ariz., Tex.
Sapote	Colombia		1		La.
<i>Anastrepha striata</i> Schin. (Tephritidae): <i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Anastrepha suspensa</i> (Loew) (Tephriti- dae): <i>Psidium guajava</i> (guava)	Puerto Rico	4			N. Y.

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		Consumption	Non-entry	Propagation	
<i>Andricus championi</i> Ashmead (Cynipidae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Tex.
<i>Andricus mexicanus</i> Kinsey (Cynipidae):					
<i>Quercus macrophylla</i>	Mexico	1			Ariz.
<i>Anuraphis apiifolia</i> Theob. (Aphidae):					
<i>Apium graveolens</i> (celery)	Union of South Africa		1		Md.
<i>Aonidia lauri</i> (Bouche) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Cyprus, Spain	1	2		N. Y.
<i>Aonidia pinicola</i> Leon. (Coccidae):					
<i>Pinus</i> sp. (pine)	Portugal	1			N. Y.
<i>Aonidiella eremocitri</i> McKenzie (Coccidae):					
<i>Coelogyne asperata</i> (orchid)	Thailand			1	Hawaii.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Citrus paradisi</i> (pomelo)	Philippines		1		Hawaii.*
<i>Citrus reticulata</i> (tangerine)	do			1	Hawaii.*
<i>Cycas revoluta</i> (sago cycas)	Hawaii			1	Calif.*
<i>Jasminum sambac</i> (jasmine)	do			1	Calif.*
<i>Piper betle</i> (betel pepper)	do	1			Calif.*
<i>Argyrotoxa conwayana</i> (F.) (Tortricidae):					
<i>Fraxinus excelsior</i> (European ash)	England			1	N. J.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum annuum</i> (pepper)	Mexico	9			Ariz., Tex.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona squamosa</i> (sugarapple)	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Dominican Republic	1			Md.
<i>Musa paradisiaca sapientum</i> (banana)	Cuba, Guatemala, Panama.	8			Fla.*, Wash.
Palm	Cuba	1			Fla.*
<i>Persea americana</i> (avocado)	do	1			N. Y.
<i>Roystonea regia</i> (Cuban royal palm)	do			1	Fla.*
<i>Terminalia catappa</i> (West Indian almond)	do	1			Fla.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Oncidium pusillum</i> (orchid)	Canal Zone			1	Hawaii.*
<i>Aspidiotus herculeanus</i> Doane & Haddon (Coccidae):					
<i>Erythrina</i> sp.	do			1	N. J.
<i>Pelliciera rhizophorae</i>	Panama	1			Fla.*
<i>Spondias mombin</i> (yellow mombin)	Dominican Republic	1			N. Y.
<i>Spondias purpurea</i> (purple mombin)	Venezuela	1			N. Y.
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Ficus carica</i> (fig)	Mexico	1			Tex.
<i>Mammea americana</i> (mamey)	Cuba	1	1		Fla.*
<i>Persea americana</i> (avocado)	do	3			N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Costa Rica, Cuba	1	1	1	Fla.*, N. J.
<i>Bambusa vulgaris</i> (bamboo)	Guatemala			1	D. C.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Brassia gireoudiana</i> (orchid)	Costa Rica			4	Calif.*, N. J.
Bromeliaceae	do			1	Calif.*
<i>Cattleya dowiana</i> (orchid)	do			1	Calif.*
<i>Cattleya lueddemanniana</i>	Venezuela			2	Calif.*, P. R.
<i>Cattleya</i> sp.	Brazil, Colombia, Costa Rica, Venezuela.			10	Calif.*, N. J.
<i>Epidendrum ciliare</i> (orchid)	Costa Rica			1	N. J.
<i>Gongora armeniaca</i> (orchid)	do			1	Calif.*
<i>Laelia superbiens</i> (orchid)	Guatemala			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	Salvador			1	Calif.*
<i>Asterolecanium miliaris</i> (Bdv.) (Coccidae):					
Bamboo	Cuba	1	1		Fla.*
<i>Asterolecanium miliaris longum</i> (Green) (Coccidae):					
Bamboo	Antigua	1			N. Y.
<i>Asterolecanium miliaris robustum</i> Green (Coccidae):					
Bamboo	Barbados	1			N. Y.
<i>Aylax salviae</i> (Giraud) (Cynipidae):					
<i>Salvia officinalis</i> (sage)	Cyprus	3			N. Y.

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<i>Biorhiza solita</i> Kinsey (Cynipidae): <i>Quercus macrophylla</i>	Mexico	1			Ariz.
<i>Bouhelia maroccana</i> Bal. (Coccidae): <i>Muscari comosum</i> (cipollino)	Morocco (French)	1			N. Y.
<i>Brentus anchorago</i> L. (Brentidae): Log	Mexico	3			Tex.
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	2			N. Y.
<i>Brentus mexicanus</i> Boh. (Brentidae): <i>Tabebuia donnell-smithii</i>	Guatemala, Mexico	3			N. Y., Tex.
<i>Bruchidius dorsalis</i> (Boh.) (Bruchidae): <i>Gleditsia japonica</i> (Japanese honeylocust)	Japan			2	Wash.
<i>Bruchidius versicolor</i> (Boh.) (Bruchidae): <i>Podalyria sericea</i> (satinleaf podalyria)	Union of South Africa			1	Oreg.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae): <i>Vicia faba</i> (broad bean)	Iran			1	D. C.
<i>Bruchus dentipes ochraceosignatus</i> Heyden (Bruchidae): <i>Vicia faba</i>	do			1	D. C.
<i>Bruchus emarginatus</i> Allard (Bruchidae): <i>Pisum sativum</i> (pea)	India, Iran	4		1	D. C., N. Y.
<i>Bruchus hamatus</i> Miller (Bruchidae): <i>Vicia tenuifolia</i>	U. S. S. R.			1	D. C.
<i>Bucculatrix thurberiella</i> Busck (Lyonetiidae): <i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Callidium antennatum hesperum</i> Csy. (Cerambycidae): <i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): <i>Cajanus cajan</i> (pigeon pea)	Philippines, Puerto Rico	1		1	Hawaii*, N. Y.
<i>Cicer arietinum</i> (chickpea)	India	1	1		Ga., N. Y.
<i>Phaseolus aureus</i> (mung bean)	Philippines		1		Ga.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): <i>Cicer arietinum</i> (chickpea)	Mexico	2			Ariz.
<i>Phaseolus aureus</i> (mung bean)	Philippines		2		Ga.
<i>Phaseolus mungo radiatus</i>	China	1			Wash.
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Ariz.
<i>Tetrapleura</i> sp.	Algeria			1	D. C.
<i>Vigna sinensis</i> (cowpea)	do			1	D. C.
<i>Zea mays</i> (corn)	Mexico	1			Ariz.
<i>Callosobruchus subinnotatus</i> Pic. (Bruchidae): <i>Voandzeia subterranea</i> (congo goober)	Algeria			1	D. C.
<i>Calydon submetallicum</i> Blanch. (Cerambycidae): Log	Chile	1			N. Y.
<i>Capaneus odiosus</i> Stal (Coreidae): <i>Cattleya</i> sp. (orchid)	Venezuela			1	P. R.
<i>Carneiocephala sagittifera</i> (Uhl.) (Cicadellidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): <i>Cassia fistula</i> (golden-shower)	Dutch East Indies	2			Ga.
<i>Cassia nodosa</i> (jointwood senna)	Hawaii			1	Calif.*
<i>Tamarindus indica</i> (tamarind)	British Guiana, Nevis	4			Mass., Pa.
<i>Caryobruchus buscki</i> (Bridwell) (Bruchidae): <i>Scheelea zonensis</i>	Canal Zone			1	Calif.*
<i>Caulophilus latinasus</i> (Say) (Curculionidae): <i>Persea americana</i> (avocado)	Mexico	5			Tex.
<i>Punica granatum</i> (pomegranate)	do	1			Tex.
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae): <i>Coffea arabica</i> (Arabian coffee)	Hawaii	3			Calif.*
<i>Coffea</i> sp.	do	3			Calif.*
<i>Malus sylvestris</i> (apple)	Portugal	1			N. Y.
<i>Mangifera indica</i> (mango)	Hawaii	1	1		Calif.*
<i>Persea americana</i> (avocado)	do	1			Calif.*
<i>Psidium guajava</i> (guava)	do	1			Calif.*
<i>Ceratocapsus cubanus</i> Bergr. (Miridae): <i>Brassica</i> sp. (mustard)	Cuba	2			N. Y.

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<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.	Hawaii			1	Calif.*
<i>Litchi chinensis</i> (lychee)	China	1			Hawaii.*
<i>Ceutorhynchus pleurostigma</i> Marsh. (Curculionidae):					
<i>Brassica campestris</i> (rutabaga)	England		9		Ala., Md., Pa., Tex.
<i>Brassica rapa</i> (turnip)	England, Scotland		22		Md., N. Y., Pa., Va., Tex.
<i>Ceutorhynchus quadridens</i> Panz. (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		3		Ala., Md.
<i>Chaetococcus bambusae</i> (Mask.) (Coccidae):					
Bamboo	Hawaii			1	Calif.*
<i>Chapuisia mexicana</i> Duges (Platypodiidae):					
<i>Pinus</i> sp. (?)	Mexico	1			Ariz.
<i>Chilo simplex</i> (Butl.) (Crambidae):					
<i>Oryza sativa</i> (rice)	Japan	1	3		Calif.*, Hawaii.*
<i>Chionaspis diosmae</i> Brain (Coccidae):					
<i>Barosma betulina</i>	Union of South Africa	1			N. Y.
<i>Chionaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus reticulata</i> (tangerine)	Japan	1			Hawaii.*
<i>Chirothrips aculeatus</i> Bagn. (Thripidae):					
<i>Zea mays</i> (corn)	Mexico	1			Calif.
<i>Chrysomphalus nulliporus</i> McKenzie (Coccidae):					
<i>Dendrobium lyonii</i> (orchid)	Philippines			1	Hawaii.*
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico	1			Ariz.
<i>Cocos nucifera</i> (coconut)	Trinidad	1			N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Barbados	1			N. Y.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Rosa</i> sp.	do	1			Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Epidendrum stamfordianum</i> (orchid)	Costa Rica			1	Calif.*
<i>Laelia</i> spp. (orchid)	Venezuela			1	Calif.*
<i>Oncidium sphacelatum</i> (orchid)	Guatemala			1	Calif.*
<i>Cinara tujafilina</i> (DelGuer.) (Aphidae):					
<i>Thuja</i> sp.	Japan		1		Wash.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia, Venezuela			8	N. J.
<i>Clytus arietis</i> L. (Cerambycidae):					
<i>Castanea</i> sp. (chestnut)	England			1	N. J.
<i>Ulmus</i> sp. (elm)	do	3			N. Y., Wash.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Astrocaryum</i> sp.	Portugal	1			N. Y.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Cuba	1			Fla.*
<i>Gardenia jasminoides</i> (Cape-jasmine)	Bahamas, Canal Zone, Cuba, Hawaii, Panama, Puerto Rico, Venezuela.	15	7		Calif.*, N. Y., Fla.,
<i>Psidium guajava</i> (guava)	Cuba		1		Fla.*
<i>Rosa</i> sp.	Dominican Republic	1			Fla.*
<i>Colias eurytheme</i> Bdv. (Pieridae):					
<i>Medicago sativa</i> (alfalfa)	Mexico	3			Tex.
<i>Colpocarena complanata</i> (Burm.) (Pentatomidae):					
<i>Bougainvillea</i> sp.	Brazil			1	Calif.*
<i>Conchaspis angraeci</i> (Ckll.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Brazil			2	N. J.
<i>Oncidium ampliatum</i> (orchid)	Canal Zone			1	Calif.*
<i>Oncidium</i> sp.	Brazil			1	N. J.
<i>Conchylodes ovulalis</i> (Gn.) (Pyraustidae):					
<i>Colocasia</i> sp. (elephantsear)	Mexico	1			Tex.
<i>Conoderus lividus</i> (Deg.) (Elateridae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Conoderus laurenti</i> Guer. (Elateridae):					
<i>Brassica chinensis</i> (white greens)	Cuba	2			N. Y.

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<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Mexico	514			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae): <i>Quercus</i> sp. (acorn)	do	1			Ariz.
Soil	do	1			Ariz.
<i>Conotrachelus naso</i> Lec. (Curculionidae): Orchid	Colombia			1	Calif.*
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae): Bean	Mexico	1			Tex.
<i>Beta vulgaris</i> (beet)	do	3			Ariz., Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Ariz.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Zea mays</i> (corn)	do	1			Ariz.
<i>Corcyra cephalonica</i> (Staint.) (Galleriidae): <i>Gossypium</i> sp. (cottonseed)	Brazil, Colombia	3			La., Wash.
<i>Oryza sativa</i> (rice)	Dutch Guiana	1			N. Y.
<i>Theobroma cacao</i> (cacao)	Ecuador	1			Wash.
<i>Cosmogramma angustofasciata</i> Jac. (Chrysomelidae): Cactus	Peru			1	Calif.*
<i>Cosmolyce boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.	Hawaii	3			Calif.*
<i>Cossonus canaliculatus</i> F. (Curculionidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Tabebuia donnell-smithii</i> (primavera)	Guatemala, Mexico	3			N. Y.
<i>Cossonus impressus</i> Boh. var. (Curculionidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Crocosema plebeiana</i> (Zell.) (Olethreutidae): <i>Crataegus</i> sp. (hawthorn)	do	3			Tex.
<i>Hibiscus esculentus</i> (okra)	Cuba	1			N. Y.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): <i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Cryphula fasciatus</i> (Dist.) (Lygaeidae): <i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Cryptamorpha desjardinsi</i> (Guer.) (Cucujidae): <i>Schomburgkia</i> sp. (orchid)	Trinidad			1	N. J.
<i>Curculio q-griseae</i> Chitt. (Curculionidae): Soil	Mexico	1			Ariz.
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Cuba, Dominican Republic, Mexico.	26	12		Fla.*, La., N. Y., Pa., Tex.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Brassica chinensis</i> (white greens)	Cuba	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato)	Argentina, China, Cuba, Dominican Republic, Mexico, Puerto Rico.	4	8		Ga., Hawaii*, La., Md., N. Y., Tex.
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Cylas formicarius</i> F. var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Dominican Republic	1			N. Y.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i>	Union of South Africa		1		Mass.
<i>Cylas turcipennis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i>	Java		1		La.
<i>Cylindrocopturus biradiatus</i> Champ. (Curculionidae): Cactus	Mexico	1			Tex.
<i>Cymus virescens</i> (F.) (Lygaeidae): <i>Panicum</i> sp.	Dutch West Indies	1			N. Y.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae): <i>Brassica chinensis</i> (white greens)	Cuba	2			N. Y.
Miscellaneous flowers	Mexico	1			Tex.

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<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		2		Calif.*
<i>Phaseolus vulgaris</i> (kidney bean)	do		1		Calif.*
<i>Phaseolus</i> sp. (string bean)	do		1		Calif.*
<i>Dalopius marginatus</i> (L.) (Elateridae):					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Spinacia oleracea</i> (spinach)	do	1			Tex.
<i>Deloyala lecontei</i> (Cr.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.	England			2	N. J., Wash.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Tabernaemontana</i> sp.	Tahiti			1	Calif.*
<i>Diaspis cocois</i> Licht. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Jamaica	1			N. Y.
<i>Diaspis texensis</i> (Ckll.) (Coccidae):					
<i>Sophora</i> sp.	Mexico	1			Tex.
<i>Dicyphus minimus</i> Uhl. (Miridae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Dinoderus bifoveolatus</i> Woll. (Bostrichidae):					
<i>Derris scandens</i> (derris)	Malaya (British), Straits Settlements.	5			N. Y.
<i>Serjania mexicana</i> (barbasco)	Peru	12			N. Y.
<i>Dinoderus pilifrons</i> Lesne (Bostrichidae):					
Bamboo	India	1	2		La., N. Y., Oreg.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	2			Calif.*
<i>Diphaulaca cordobae</i> Barber (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Disonycha antennata</i> Jac. (Chrysomelidae):					
<i>Ananas comosus</i>	do	1			Tex.
<i>Disonycha argentinensis</i> Jac. (Chrysomelidae):					
<i>Capsicum annuum</i> (pepper)	Argentina		1		Mass.
<i>Helianthus</i> sp. (sunflower)	do	1			N. Y.
<i>Disonycha arizonae</i> Cas. (Chrysomelidae):					
<i>Portulaca oleracea</i> (purslane)	Mexico	2			Tex.
<i>Disonycha politula</i> Horn (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Dorytomus brevisetosus</i> Csy. (Curculionidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Populus</i> sp. (cottonwood)	do		1		Ariz.
<i>Draeculacephala minerva</i> Ball (Cicadellidae):					
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
Miscellaneous flowers	do	1			Ariz.
<i>Rorippa nasturtium aquaticum</i> (watercress).	do	1			Tex.
<i>Drasterius livens</i> (Lec.) (Elateridae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Dros petasum</i> Kinsey (Cynipidae):					
<i>Quercus macrophylla</i> (oak)	do	1			Ariz.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae):					
Packing around camellia plants	England			1	N. J.
<i>Dynatopechus aureopilosus</i> Fairm. (Curculionidae):					
<i>Adenanthera pavonina</i> (sandal bead-tree).	Japan			1	Hawaii.*
<i>Mucuna</i> sp.	Hawaii	2			Calif.*
<i>Dysdercus mimulus</i> Huss. (Pyrrhocoridae):					
<i>Lagerstroemia</i> sp. (crapemyrtle)	Mexico	1			Tex.

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		Consumption	Non-entry	Propagation	
<i>Eburia brevispinis</i> Bates (Cerambycidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Elaphidion irroratum</i> (L.) (Cerambycidae): <i>Terminalia</i> sp.	Cuba	1			N. Y.
<i>Elaphrothrips dampfi</i> Hood (Thripidae): <i>Ananas comosus</i> (pineapple)	Mexico	7			Tex.
<i>Empoasca abrupta</i> DeL. (Cicadellidae): <i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	3			Tex.
<i>Empoasca batatae</i> Poos (Cicadellidae): <i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Empoasca phaseola</i> Oman (Cicadellidae): <i>Lycaste aromatica</i> (orchid)	do			1	Tex.
<i>Endrosis lacteella</i> (Schiff.) (Oecophoridae): <i>Narcissus</i> sp.	Ireland			1	N. J.
<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato)	Mexico	5			Tex.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): <i>Brassica rapa</i> (turnip)	do	2			Tex.
<i>Medicago sativa</i> (alfalfa)	Argentina		1		Pa.
<i>Phaseolus</i> sp. (string bean)	Mexico	1			Ariz.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Capsicum annuum</i> (pepper)	Mexico	2			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	do	1			Tex.
<i>Phaseolus</i> sp. (string bean)	Canal Zone, Mexico	272	10		Ariz., Md., Tex.
<i>Epitrix subcrinita</i> (Lec.) (Chrysomelidae): <i>Rhododendron</i> sp.	Canada			3	Wash.
<i>Epochra canadensis</i> Loew (Tephritidae): <i>Ribes</i> sp. (wild currant)	Mexico	2			Tex.
<i>Ereunetis flavistriata</i> (Walsm.) (Tineidae): <i>Cocos nucifera</i> (coconut)	Hawaii		1		Calif.*
<i>Eriococcus araucariae</i> Mask. (Coccidae): <i>Araucaria excelsa</i> (Norfolk-Island pine).	Guatemala			1	N. J.
<i>Erynephala puncticollis</i> (Say) (Chrysomelidae): <i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
Flowers	do	1			Tex.
Medicinal herb	do	1			Tex.
Vegetables	do	1			Tex.
<i>Eucalandra setulosa</i> Gyll. (Curculionidae): Bamboo	Colombia	1			N. Y.
<i>Cattleya</i> sp. (orchid)	do			1	N. J.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae): <i>Musa paradisiaca</i> (plantain)	Cuba		1		La.
<i>Zea mays</i> (corn)	Cuba, Mexico	90	1		Ariz., N. Y., Tex.
<i>Eumysia maculicula</i> (Dyar) (Phycitidae): Roots of succulent	Mexico	2			Calif.
<i>Euphoria kerni</i> Hald. (Scarabaeidae): Daisy	do	1			Tex.
<i>Gardenia jasminoides</i> (Cape-jasmine)	do	1			Tex.
<i>Eurycipitia vestitus</i> Dist. (Miridae): <i>Cattleya lueddemanniana</i> (orchid)	Honduras, Venezuela			2	Calif.*
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
<i>Cattleya</i> sp.	do			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Honduras			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium splendidum</i> (orchid)	do			1	Calif.*
Orchid	Guatemala, Mexico	1		4	P. R., Tex.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae): <i>Cattleya</i> sp. (orchid)	Brazil, Colombia, Peru, Venezuela			44	Calif.,* N. J.
Orchid	Brazil, Mexico			3	N. J., Tex.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Dutch Guiana, Hawaii, Peru, Puerto Rico, Trinidad, Virgin Islands.	5	55		Ala., La., Md., Mass., N. Y., Pa., Tex., Va.

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		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Euschistus obscurus</i> (P. B.) (Pentatomidae):					
<i>Celosia</i> sp. (cockscomb)	Mexico	1			Tex.
<i>Euxesta sororcula</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Euxesta stigmatias</i> Loew (Otitidae):					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Zea mays</i> (corn)	do	25	1		Ariz., Tex.
<i>Exitianus obscurinervis</i> (Stal) (Cicadellidae):					
<i>Portulaca oleracea</i> (purslane)	do	1			Ariz.
<i>Erptochiamera tumens</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			2	N. J.
<i>Falconia caduca</i> Dist. (Miridae):					
<i>Ricinus communis</i> (castor bean)	Mexico	1			Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Apium graveolens</i> (celery)	Portugal		1		Pa.
<i>Quercus</i> sp. (oak)	do	1			Pa.
<i>Symplocarpus foetidus</i> (skunkcabbage):	Canada			1	Pa.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Chrysanthemum frutescens</i> (Marguerite daisy).	Mexico	1			Tex.
<i>Gerbera</i> sp.	Canal Zone	1			N. Y.
<i>Frankliniella cubensis</i> Hood (Thripidae):					
<i>Rosa</i> sp.	Cuba, Mexico	2	1		Fla.*
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
<i>Gladiolus</i> sp.	Mexico	3			Ariz.
<i>Lathyrus odoratus</i> (sweet pea)	do	23			Ariz.
<i>Portulaca oleracea</i> (purslane)	do	2			Ariz.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
<i>Passiflora</i> sp. (passionflower)	Bermuda	2			N. Y.
<i>Rosa</i> sp.	Bahamas		1		Fla.*
<i>Fulvius bisbistillatus</i> (Stal) (Miridae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Fulvius brevicornis</i> (Reut.) (Miridae):					
<i>Aglaonema</i> sp.	China			4	N. J.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Canal Zone			2	N. J.
<i>Cattleya dowiana</i> (orchid)	do			1	Calif.*
<i>Cattleya superba</i>	British West Indies			1	Calif.*
<i>Cattleya trianae</i>	Canal Zone			1	Calif.*
<i>Cattleya</i> sp.	Colombia, Dutch West Indies, Panama, Trinidad, Venezuela.			11	N. J., Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone, Panama			2	Calif.*, N. J.
<i>Epidendrum</i> sp.	Canal Zone, Venezuela			3	Calif., N. J.
<i>Odontoglossum</i> sp. (orchid)	Canal Zone			1	Calif.*
<i>Oncidium lanceanum</i> (orchid)	Trinidad			1	Calif.*
<i>Oncidium panamense</i>	Canal Zone			1	Calif.*
<i>Oncidium</i> sp.	do			2	N. J.
Orchid	Canal Zone, Colombia, Panama, Trinidad, Venezuela.	1	2	5	Fla., N. J., N.Y., P. R.
<i>Galgupha punctifer</i> McA. & M. (Cydniidae):					
Orchid	Honduras, Mexico			2	La., Tex.
<i>Geocoris sonoraensis</i> Van D. (Lygaeidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Gerstaeckeria mutillaria</i> Gerst. (Curculionidae):					
<i>Mammillaria lenta</i> (cactus)	do			1	Tex.
<i>Gnathotrichus aciculatus</i> Blackm. (Scolytidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Gnathotrichus denticulatus</i> Blackm. (Scolytidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum annuum</i> (pepper)	do	69			Ariz., Calif., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.

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<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Gonatas typicus</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Gynaikothrips uzeli</i> (Zimm.) (Phlaeothripidae):					
<i>Brassica oleracea acephala</i> (kale)	Cuba	1			N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Thripidae):					
<i>Bougainvillea</i> sp.	Hawaii	4			Calif.*
<i>Brassica oleracea acephala</i> (kale)	Cuba	1			N. Y.
<i>Daucus carota</i> (Queen-Annes-lace)	Bahamas	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Canal Zone, Hawaii	2			Calif.*, Fla.*
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Gerbera</i> sp.	Canal Zone	2			N. Y.
<i>Hibiscus syriacus</i> (rose of sharon)	Bermuda	1			N. Y.
<i>Nerium oleander</i> (oleander)	do	1			N. Y.
<i>Haplothrips nigricornis</i> Bagn. (Thripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	2			N. Y.
<i>Heilipus trifasciatus</i> (F.) (Curculionidae):					
<i>Persea americana</i> (avocado)	Costa Rica		1		Tex.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	57			Ariz., Calif., Tex.
<i>Heliothis subflera</i> (Gn.) (Phalaenidae):					
<i>Physalis</i> sp. (husk tomato)	do	23			Tex.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica chinensis</i> (white greens)	Cuba	11			N. Y.
<i>Brassica hirta</i> (white mustard)	Mexico	33			Calif.
<i>Brassica oleracea capitata</i> (cabbage)	Puerto Rico, Trinidad		3		N. Y.
<i>Brassica rapa</i> (turnip)	Cuba		1		N. Y.
<i>Brassica</i> sp. (mustard)	Cuba, Mexico	6			Calif., N. Y.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Beta cicla</i> (Swiss chard)	Mexico	3			Ariz.
<i>Brassica chinensis</i> (white greens)	do	2			Ariz.
<i>Brassica hirta</i> (white mustard)	do	9			Calif.
<i>Brassica oleracea botrytis</i> (cauliflower)	do	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Ariz.
<i>Brassica rapa</i> (turnip)	do	10			Ariz., Tex.
<i>Brassica</i> sp. (mustard)	do	7			Ariz., Tex.
<i>Raphanus sativus</i> (radish)	do	3			Tex.
<i>Heracus guttatus</i> (Dall.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Hercinothrips femoralis</i> (Reut.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid)	England			3	Hawaii*, N. J.
<i>Heterostrychus aequalis</i> (Waterh.) (Bostriichidae):					
<i>Cocos nucifera</i> (coconut)	India	1			N. Y.
Wood	French Indo-China, India, Java.	6			Calif.*, N. Y.
<i>Heteroderes laurenti</i> Guer. (Elateridae):					
<i>Brassica chinensis</i> (white greens)	Cuba	1			N. Y.
<i>Heteroderes rufangulus</i> Gyll. (Elateridae):					
Excelsior in box of grapes	Argentina	1			N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae):					
<i>Alstroemeria</i> sp.	England			1	N. J.
<i>Berberis jamesonii</i>	do			1	D. C.
<i>Dahlia</i> sp.	do			1	N. J.
<i>Homalopalpia dalera</i> Dyar (Phycitidae):					
<i>Carica papaya</i> (papaya)	Cuba	1			N. Y.
<i>Homona patulana</i> Wlk. (Tortricidae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Homophoeta lustrans</i> (Cr.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Hypera meles</i> F. (Curculionidae):					
Hay	Newfoundland	1			N. Y.
<i>Hypera nigrirostris</i> F. (Curculionidae):					
Hay	do	1			N. Y.

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<i>Hypselonotus fulvus</i> (Deg.) (Coreidae): <i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Hypselonotus interruptus</i> Hahn (Corei- dae): <i>Saponaria</i> sp.	Brazil	1			N. Y.
<i>Hypsipyla grandella</i> (Zell.) (Phycitidae): <i>Swietenia mahogani</i> (mahogany)	Guatemala	2			N. Y.
<i>Hypsoprora nogolata</i> Ball (Membracidae): <i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Ariz.
<i>Keiferia lycopersicella</i> (Busck) (Gelechi- dae): <i>Lycopersicon esculentum</i> (tomato)	Cuba, Mexico	7,067	1		Ariz., Calif., N. Y., Tex., Vt.
<i>Lacon leseleuci</i> Cand. (Elateridae): <i>Portulaca oleracea</i> (purslane)	Mexico	1			Ariz.
<i>Laemophloeus suturalis</i> Reitt. (Cucu- jidae): <i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	1			Tex.
<i>Laemotmetus rhizophagoides</i> (Walk.) (Cu- cujidae): Bamboo	Dutch East Indies, Java		2		La.
<i>Lamprosema schistisemalis</i> Hamps. (Py- raustidae): <i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Laspeyresia membrosa</i> Hein. (Olethreu- tidae): <i>Prosopis</i> sp. (mesquite)	Mexico	1			Calif.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreu- tidae): <i>Castanea</i> sp. (chestnut)	Japan, Portugal	6			Hawaii, N. Y.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash)	England	11			N. Y., Pa.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae): <i>Manihot esculenta</i> (cassava)	British Honduras, Cuba	1		1	D. C., Fla.*
<i>Lepidosaphes auriculata</i> (Green) (Cocci- dae): <i>Codiaeum</i> sp. (croton)	Hawaii			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Cocci- dae): Cactus	Mexico			5	N. J., Tex.
<i>Cereus victoriensis</i> (cactus)	do			1	Tex.
<i>Cereus</i> sp.	do			1	Tex.
<i>Lemaireocereus dumortieri</i> (cactus)	do			2	Tex.
<i>Lemaireocereus</i> sp.	do			1	Tex.
<i>Myrtillocactus geometrizans</i> (cactus)	do			1	Tex.
<i>Pachycereus marginatus</i> (organpipe- cactus).	do			4	Tex.
<i>Lepidosaphes tuberculata</i> Malen. (Coc- cidae): <i>Cymbidium</i> sp. (orchid)	England			27	Calif.*, Hawaii, N. J.
<i>Lepidosaphes uniloba</i> (Kuw.) (Coccidae): <i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	1		1	Calif.*
<i>Leptopharsa distantis</i> Drake (Tingitidae): <i>Ficus carica</i> (fig.)	Guatemala	1			Tex.
<i>Leptophobia aripa</i> (Bdv.) (Pieridae): <i>Brassica oleracea botrytis</i> (cauliflower)	Mexico	5			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Leptostylus argentatus</i> Duv. (Ceramby- cidae): <i>Terminalia</i> sp.	Cuba	1			N. Y.
<i>Leucaspis cockerelli</i> (deCharm.) (Cocci- dae): <i>Dendrobium thyrsoflorum</i> (orchid)	Costa Rica			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Honduras			1	Calif.*
<i>Leucinodes elegantalis</i> Guen. (Pyrausti- dae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	6			Tex.
<i>Lichtensia lutea</i> (Ckll.) (Coccidae): <i>Codiaeum</i> sp. (croton)	do	1			Tex.

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Insect and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaei- dae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Brassica chinensis</i> (pakchoi).....	do.....	1			Ariz.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Centaurea cyanus</i> (bachelorbutton).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
Orchid.....	do.....			2	Tex.
<i>Phaseolus</i> sp. (string bean).....	do.....	1			Tex.
<i>Portulaca</i> sp. (purslane).....	do.....	1			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Cereus victoriensis</i> (cactus).....	do.....			1	Tex.
<i>Citrus aurantifolia</i> (lime).....	do.....	1			Tex.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Cuba, Mexico.....	6			Ariz., N. Y., Tex.
<i>Lineodes triangulalis</i> Moschler (Pyrausti- dae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	1			Ariz.
<i>Liriomyza flaveola</i> Fall. (Agromyzidae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	23			N. Y.
<i>Brassica oleracea acephala</i> (kale).....	do.....	7			N. Y.
<i>Brassica</i> sp. (mustard).....	do.....	11			N. Y.
<i>Coriandrum sativum</i> (coriander).....	do.....	2			N. Y.
<i>Lophocateres pusillus</i> (Klug) (Ostomidae):					
<i>Cladiolus</i> sp.....	Canada.....			1	N. J.
<i>Juglans</i> sp. (walnut).....	Australia.....	1			Va.
<i>Lorita abornana chatka</i> Busck (Phaloni- idae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	83			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Ariz.
<i>Lyctoxylon japonum</i> Reitt. (Lyctidae):					
Bamboo.....	Dutch East Indies, Java.....		3		La., Tex.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Swietenia mahogani</i> (mahogany).....	Guatemala.....	1			N. Y.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Lygus oblineatus</i> (Say) var. (Miridae):					
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	1			Ariz.
<i>Lygus pratensis</i> (L.) var. (Miridae):					
<i>Brassica hirta</i> (white mustard).....	do.....	1			Calif.
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Macrodactylus mexicanus</i> Bts. (Scarabae- idae):					
<i>Capsicum annuum</i> (pepper).....	do.....	1			Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	4			Calif.*
<i>Dioclea violacea</i> (mauna loa lei).....	do.....	2			Calif.*
<i>Phaseolus</i> sp. (string bean).....	Colombia, Dominica, Dutch Guiana, Ha- wii, Mexico, Puerto Rico, Trinidad.....	2	8		Ala., Calif.*, La., Mass., N. Y., Tex.
<i>Mecidea proliza</i> Stal (Pentatomidae):					
Grass seed.....	Union of South Africa.....			1	Md.
<i>Melanaspis aliena</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Melusina annulata</i> (Mg.) (Melusinidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Scotland.....		1		N. Y.
<i>Melusina regelationis</i> L. (Melusinidae):					
Herb.....	England.....			1	N. J.
<i>Metamasius callizona</i> (Chev.) (Curculi- onidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Metamasius sericeus</i> (Latr.) (Curculioni- dae):					
<i>Musa paradisiaca sapientum</i> (ba- nana).....	Panama.....	1			Calif.*
<i>Metriona profligata</i> (Boh.) (Chrysome- lidae):					
Mixed flowers.....	Mexico.....	1			Ariz.

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<i>Micrapate scapularis</i> (Gorh.) (Bostrichidae):					
<i>Sambucus</i> sp. (elder).....	Mexico.....	7			N. Y.
Wood.....	do.....	5			Ariz., Ill., N. Y.
<i>Micrelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Mass.
<i>Microcerotermes exiguus</i> Hagn. (Termitidae):					
Wood.....	Nicaragua.....			1	N. J.
<i>Monanthia monotropidia</i> Stal (Tingitidae):					
<i>Tillandsia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Moneilema opuntiae</i> Fisher (Cerambycidae):					
<i>Mammillaria celsiana</i> (cactus).....	do.....			1	Tex.
<i>Mammillaria sempervivi</i> (cactus).....	do.....			1	Tex.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	do.....	47	2		Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Colombia, Venezuela.			15	N. J.
Orchid.....	Brazil.....			1	N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Dendrobium spectabile</i> (orchid).....	Australia.....			1	Calif.*
<i>Grammatophyllum speciosum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Ceratonia siligua</i> (St. Johnsbread).....	Costa Rica.....			1	Calif.*
<i>Myelois venipars</i> Dyar (Phycitidae):					
<i>Pithecellobium flexicaule</i> (ebony).....	Mexico.....	3			Tex.
<i>Myodocha intermedia</i> Dist. (Lygaeidae):					
<i>Cattleya skinnerii</i> (orchid).....	do.....			1	Tex.
<i>Myodocha unispinosa</i> Stal (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Myzus ornatus</i> Laing (Aphidae):					
<i>Erica</i> sp.....	Canada.....			1	Wash.
<i>Patrinia palmata</i>	British Columbia.....			1	N. J.
<i>Primula</i> sp. (primrose).....	Canada.....			1	Wash.
<i>Tulipa</i> sp. (tulip).....	England.....			1	N. Y.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Cicer arietinum</i> (garbanzo).....	do.....	1			Ariz.
<i>Daphne laureola</i> (spurge laurel).....	Canada.....			1	Wash.
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Ariz.
<i>Nabis annulatus</i> Reut. (Nabidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Nabis dentipes</i> Harris (Nabidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Nabis punctipennis</i> Blanch. (Nabidae):					
Packing.....	Chile.....	1			N. Y.
<i>Nasutitermes cornigera</i> Motsch. (Termitidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia, Costa Rica.....			2	Calif.*, N. J.
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae).....	Nicaragua.....	1			Calif.*
<i>Nemapogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom).....	Canada.....	1			Wash.
<i>Nemocephalus guatemalensis</i> Senna (Brentidae):					
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Panama.....	2			N. Y., Tex.
<i>Neoclytus cacticus</i> Chevr. (Cerambycidae):					
<i>Guaiacum officinale</i> (lignumvitae).....	Honduras, Panama.....	5			N. Y.
<i>Neoclytus rufus</i> Oliv. (Cerambycidae):					
Wood.....	Trinidad.....		1		N. Y.
<i>Neuroctenus litigiosus</i> (Stal) (Aradidae):					
Orchid.....	Guatemala.....			1	Tex.
<i>Niveaspis fenestrata</i> Ferris (Coccidae):					
<i>Marsdenia cundurango</i> (condorvine).....	Peru.....	1			N. Y.
<i>Nysius scutellatus</i> Dall. (Lygaeidae):					
<i>Myristica fragrans</i> (nutmeg).....	Guadeloupe.....			1	P. R.
<i>Odonaspis greeni</i> (Ckll.) (Coccidae):					
Bamboo.....	Hawaii.....			1	Calif.*

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<i>Odonaspis saccharicaulis</i> (Zehnt.) (Cocci- dae): <i>Saccharum officinarum</i> (sugarcane).....	Guatemala.....	1			N. Y.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysome- lidae): Orchid.....	Mexico.....			1	Tex.
<i>Opatrinus gemellus</i> (Oliv.) (Tenebrioni- dae): <i>Cattleya</i> sp. (orchid).....	Venezuela.....			2	N. J.
<i>Opsius stactogalus</i> Fieb. (Cicadellidae): <i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Gardenia jasminoides</i> (Cape-jasmine).....	do.....	1			Tex.
<i>Ora sexlineata</i> Chev. (Cyphonidae): <i>Brassica chinensis</i> (white greens).....	Cuba.....	1			N. Y.
<i>Orchidophilus aterrimus</i> Waterh. (Curcu- lionidae): Orchid.....	Thailand.....			1	Hawaii.*
<i>Orchidophilus peregrinator</i> Buch. (Cur- culionidae): <i>Phalaenopsis amabilis</i> (orchid).....	Philippines.....			2	Calif.*, Hawaii.*
<i>Vanda caerulea</i> (orchid).....	do.....			1	Calif.*
<i>Pachnaeus litus</i> Germ. (Curculionidae): <i>Brassica chinensis</i> (white greens).....	Cuba.....	1			N. Y.
<i>Pachycoris torridus</i> (Scop.) var. (Penta- tomidae): Orchid.....	Mexico.....			1	Tex.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyrausti- dae): <i>Solanum melongena</i> (eggplant).....	Cuba.....	4			La., N. Y.
<i>Pagiocerus rimosus</i> Eichh. (Scolytidae): <i>Mimulus moschatus</i>	Colombia.....	1			N. Y.
<i>Zea mays</i> (corn).....	Peru.....	1		1	N. J., N. Y.
<i>Palaeopus costicollis</i> Marsh. (Curculioni- dae): <i>Dioscorea</i> sp. (yam).....	Honduras.....	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato).....	Trinidad.....		6		Ala., Mass., Pa.
<i>Pantomorus xanthographus</i> Germar (Cur- culionidae): <i>Vitis</i> sp. (grape).....	Argentina.....	1			La.
<i>Parlatoria blanchardi</i> Targ. (Coccidae): <i>Phoenix dactylifera</i> (date).....	Iran.....			1	N. Y.
<i>Parlatoria cinerea</i> Hadden (Coccidae): <i>Citrus medica</i> (citron).....	Palestine.....	4			Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Trinidad.....		2		Fla.*
<i>Citrus sinensis</i> (orange).....	Argentina, Bahamas, Brazil.....	1	5		Fla.*, Mass.
<i>Parlatoria crotonis</i> Doug. (Coccidae): <i>Codiaeum</i> sp. (croton).....	Hawaii.....			3	Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae): <i>Prunus domestica</i> (plum).....	Argentina.....	7			N. Y.
<i>Pyrus communis</i> (pear).....	do.....	1			N. Y.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Cocci- dae): <i>Trichoglottis philippinensis</i> (orchid).....	Philippines.....			1	Hawaii.*
<i>Vanda hookeriana</i> (orchid).....	Philippines, Sumatra.....			2	Calif.*, Hawaii.*
<i>Vanda teres</i>	India, Philippines, Sumatra.....			7	Calif.*, Hawaii.*, N. J.
<i>Vanda teres alba</i>	Philippines.....	1		1	Hawaii.*
<i>Vanda teres andersoni</i>	Japan.....	1			Hawaii.*
<i>Vanda</i> sp.....	India, Philippines, Su- matra.....	1		8	Calif.*, Ha- waii.*
<i>Pectinophora gossypiella</i> (Saund.) (Gel- echiidae): <i>Gossypium</i> sp. (cottonseed).....	American Virgin Is- lands, Brazil, Hawaii, Mexico, Puerto Rico.....	9	1	1	Calif.*, D. C., Fla.*, La., P. R., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Antigua, Mexico.....	6	1		Fla.*, Tex.
<i>Gossypium</i> sp. (cotton) (boll).....	Hawaii.....	1			Calif.*
<i>Gossypium</i> sp. (cotton) (oil mill motes).....	Mexico.....	1			Tex.
<i>Hibiscus esculentus</i> (okra).....	Puerto Rico.....	1			N. Y.

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<i>Phaedon purpurea</i> (Linell) (Chrysomelidae):					
<i>Brassica chinensis</i> (white chard)	Mexico	1			Ariz.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia javanica</i> (appleblossom senna)	Trinidad			1	N. J.
<i>Cassia moschata</i>	Canal Zone			1	N. J.
<i>Phenacaspis eugeniae sandwichensis</i> Full. (Coccidae):					
<i>Cycas revoluta</i> (sago cycas)	Hawaii			1	Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Capsicum annuum</i> (pepper)	Cuba	2			N. Y.
<i>Chrysanthemum</i> sp.	Mexico	1			Ariz.
<i>Hibiscus</i> sp.	Dominican Republic	1			N. Y.
<i>Mentha</i> sp. (mint)	Mexico	1			Tex.
<i>Pelargonium</i> sp. (geranium)	do	1		1	Ariz., Tex.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do	1			Tex.
<i>Brassica rapa</i> (turnip)	do	1			Tex.
<i>Daucus carota sativa</i> (carrot)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	2			Tex.
<i>Phyllotreta vittata discedens</i> Weise (Chrysomelidae):					
<i>Brassica chinensis</i> (white greens)	Cuba	1			N. Y.
<i>Brassica oleracea acephala</i> (kale)	do	1			N. Y.
<i>Phymata pennsylvanica coloradensis</i> Mel. (Phymatidae):					
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Tex.
<i>Physonota picticollis</i> Boh. (Chrysomelidae):					
Bromeliaceae	Guatemala			1	Calif.*
<i>Pilophoropsis brachypterus</i> Popp. (Miriidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Pinnaspis minor strachani</i> Cooley (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Trinidad	1			Fla.*
<i>Pinnaspis townsendi</i> (Ckll.) (Coccidae):					
<i>Aerides falcatum</i> (orchid)	Thailand			1	Hawaii.*
<i>Aerides lawrenciae</i>	Philippines			1	Hawaii.*
<i>Aerides odoratum</i>	Thailand			1	Hawaii.*
<i>Aerides quinquevulnera</i>	Philippines			1	Hawaii.*
<i>Cymbidium</i> sp. (orchid)	Japan			1	Hawaii.*
<i>Dendrobium moschatum</i> (orchid)	Philippines			1	Hawaii.*
<i>Dendrobium phalaenopsis</i>	Sumatra			1	Calif.*
<i>Renanthera storiei</i> (orchid)	Philippines	1		1	Hawaii.*
<i>Trichoglottis brachiata</i> (orchid)	do			1	Hawaii.*
<i>Vanda luzonica</i> (orchid)	do			1	Hawaii.*
<i>Vanda merrilli</i>	do			1	Hawaii.*
<i>Vanda roxburghi</i>	Thailand			1	Hawaii.*
<i>Pionea forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		3		N. Y.
<i>Pityophthorus schwarzi</i> Blackm. (Scolytidae):					
<i>Pinus</i> sp. (pine)	Mexico	1			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Platyonota rostrana</i> (Walk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Capsicum annuum</i> (pepper)	Cuba	4			La., N. Y.
<i>Citrus paradisi</i> (grapefruit)	do	1			N. Y.
<i>Musa paradisiaca</i> (plantain)	do	1			N. Y.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Capsicum annuum</i> (pepper)	do	330			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	16			Ariz., Tex.
<i>Platyomus lividigaster</i> Muls. (Coccinellidae):					
<i>Zingiber officinale</i> (ginger)	Hawaii	1			Calif.*
<i>Platypus alternans</i> Chapuis (Platypodidae):					
<i>Cedrus</i> sp. (cedar)	Costa Rica	1			N. Y.

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<i>Platypus exaratus</i> Bldf. (Platypodidae): <i>Tabebuia donnell-smithii</i> (primavera)	Guatemala	2			N. Y.
<i>Platypus rugulosus</i> Chapuis (Platypodidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Casearia praecox</i>	Venezuela	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae)	Guatemala	2			N. Y.
Log	Mexico	2			Tex.
<i>Swietenia mahogani</i> (mahogany)	Costa Rica, Mexico	2			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)	Canal Zone, Guatemala, Mexico, Panama.	4			N. Y.
Wood	Mexico		1		Tex.
<i>Polymerus basalis</i> (Reut.) (Miridae): <i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Prays endocarpa</i> (Meyr.) (Hyponomeutidae): <i>Citrus aurantifolia</i> (lime)	Philippines	1			Calif.*
<i>Citrus limon</i> (lemon)	Dutch East Indies		1		Calif.*
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae): <i>Anacardium occidentale</i> (cashew)	Dominican Republic			1	P. R.
<i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico, Venezuela	4			N. Y., Tex.
<i>Lonicera</i> sp. (honeysuckle)	Bermuda			1	N. Y.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae): <i>Genipa</i> sp. (genip)	Canal Zone			1	N. J.
<i>Hibiscus</i> sp.	Hawaii			4	Calif.*
<i>Inga</i> sp.	Canal Zone			1	N. J.
<i>Myricaria</i> sp.	do			1	N. J.
<i>Pseudaonidia tesserata</i> (deCharm.) (Coccidae): <i>Hibiscus</i> sp.	Hawaii			6	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae): <i>Citrus paradisi</i> (grapefruit)	Java		1		N. Y.
<i>Citrus sinensis</i> (orange)	Brazil		1		Fla.*
<i>Mangifera indica</i> (mango)	do		1		Pa.
<i>Terminalia catappa</i> (Indian-almond)	Martinique	1			N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae): <i>Brassavola glauca</i> (orchid)	Mexico			1	Calif.*
<i>Cattleya skinneri</i> (orchid)	Costa Rica, Salvador			5	Calif.*, N. J.
<i>Cattleya</i> sp.	Costa Rica			3	N. J., Tex.
<i>Odontoglossum</i> sp. (orchid)	Mexico			1	N. J.
Orchid	Costa Rica			1	P. R.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae): <i>Cymbopogon</i> sp. (lemon grass)	Trinidad	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane)	Bahamas, Cuba, Mexico.	3	1	1	Fla.*, Tex.
<i>Pseudococcus gahani</i> (Green) (Coccidae): <i>Citrus limon</i> (lemon)	Union of South Africa		1		Mass.
<i>Psila rosae</i> (F.) (Psilidae): <i>Daucus carota sativa</i> (carrot)	England, Iceland		6		N. Y., Tex.
<i>Pastinaca sativa</i> (parsnip)	England		2		Pa.
<i>Pteleobius vittatus</i> F. (Scolytidae): <i>Ulmus</i> sp. (elm)	do	6			N. Y.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae): <i>Cymbidium</i> sp. (orchid)	do			1	N. J.
<i>Pulvinaria urbicola</i> Ckll. (Coccidae): <i>Capsicum annuum</i> (pepper)	Cuba	1			Fla.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae): Cactus	Mexico			1	N. J.
<i>Renocis mexicanus</i> Blackm. (Scolytidae): <i>Eysonhardtia</i> sp.	do	3			Ill.
<i>Sambucus</i> sp. (elder)	do	1			N. Y.
Wood	do	9			Ariz., N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): <i>Malus sylvestris</i> (apple)	do	4			Tex.
<i>Rhigopsidius tucumanus</i> Heller (?) (Curculionidae): <i>Solanum tuberosum</i> (potato)	Peru	1	2		N. Y.
<i>Rhizophagus dominica</i> (Bostrichidae): <i>Cucurbita</i> sp.	Belgian Congo	1			N. Y.
<i>Rhobonda gaurisana</i> Wlkr. (Glyphipterygidae): <i>Ficus</i> sp.	Guatemala	2			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Rhopalothrips bicolor</i> Hood (Thripidae): Cactus	Mexico	1			Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple)	Cuba	24	1		La., N. Y.
<i>Ripersia palmarum</i> (Ehrh.) (Coccidae): <i>Cocos nucifera</i> (coconut)	Hawaii	5	1	1	Calif.*
<i>Salpingus planirostris</i> F. (Pythidae): <i>Ulmus</i> sp. (elm)	England	1			N. Y.
<i>Saulaspis graphica</i> (Germ.) (Chrysomelidae): <i>Vitis</i> sp. (grape)	Argentina	1			N. Y.
<i>Scirtothrips longipennis</i> (Bagn.) (Thripidae): <i>Cypripedium</i> sp. (orchid)	England			1	Hawaii.*
<i>Scolytus multistriatus</i> Marsh. (Scolytidae): <i>Ulmus</i> sp. (elm)	do	2			N. Y.
<i>Sinoxylon anale</i> Lesne (Bostrichidae): <i>Areca</i> sp.	Malaya (British)	1			N. Y.
<i>Derris scandens</i> (Malay jewelvine)	do	2			N. Y.
<i>Derris</i> sp.	Malaya (British), Philippines.	6			N. Y.
Wood	India	3	1		Mich., N. Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae): Wood	do		1		N. Y.
<i>Sinoxylon sexdentatum</i> (Oliv.) (Bostrichidae): Slat on cork bundle	Portugal	1			N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple)	Mexico	38			Tex.
<i>Sitona lineata</i> L. (Curculionidae): <i>Rhododendron</i> sp.	British Columbia			1	Wash.
<i>Spathulina hessi</i> (Wied.) (Tephritidae): <i>Helichrysum</i> sp.	Union of South Africa	1			N. Y.
<i>Specularius erythrinae</i> Bridwell (Bruchidae): <i>Erythrina caffra</i>	do	1			N. Y.
<i>Erythrina constantiana</i>	do	1			N. Y.
<i>Stephanoderes brunneus</i> Hopk. (Scolytidae): <i>Poinciana pulcherrima</i> (flowerfence poinciana).	Mexico	1			Ariz.
<i>Stephanoderes hampei</i> Ferr. (Scolytidae): <i>Coffea</i> sp.	Canada	1			Minn.
<i>Stephanoderes trinitatis</i> Hopk. (Scolytidae): <i>Ormosia coutinhoi</i>	British Guiana	1			Mass.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango)	Hawaii	4	6		Calif.*
<i>Stilodes fuscolineata</i> (Stal) (Chrysomelidae): Banana debris	Costa Rica	1			La.
<i>Stolas illustris</i> (Chevr.) (Chrysomelidae): <i>Musa paradisiaca sapientum</i> (banana)	British Honduras	1			Fla.*
<i>Systema basalis</i> (Duv.) (Chrysomelidae): <i>Brassica chinensis</i> (white greens)	Cuba	2			N. Y.
<i>Brassica</i> sp. (mustard)	do	1			N. Y.
<i>Chrysanthemum coronarium</i> (crown-daisy).	do	1			N. Y.
<i>Tadius erirhinoides</i> Pascoe (Curculionidae): <i>Cypripedium haynaldianum</i> (orchid)	Philippines			1	Calif.*
<i>Tæniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Tæniothrips hawaiiensis</i> (Morg.) (Thripidae): <i>Bougainvillea</i> sp.	Hawaii	2			Calif.*
<i>Tæniothrips simplex</i> (Morison) (Thripidae): <i>Gladiolus</i> sp.	Mexico	2			Tex.
<i>Talponia batesi</i> Hein. (Olethreutidae): <i>Annona cherimola</i> (cherimoya)	do	1			Tex.
<i>Taphroderes sexmaculatus</i> Boh. (Brentidae): <i>Swietenia mahogany</i> (mahogany)	Costa Rica	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Targionia bromeliae</i> ("Newst." Leon) (Coccidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	1			Fla.*
<i>Targionia hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam).....	Cuba, Trinidad, Union of South Africa, West Indies.	2	3		Fla.*, N. Y., Pa.
<i>Targionia sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane)....	Bahamas, Cuba, Jamai- ca, Puerto Rico.	1	2	1	Fla.*, N. Y.
<i>Teleonemia scrupulosa</i> Stal (Tingitidae): <i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae): <i>Cattleya mossiae</i> (orchid).....	Venezuela.....			2	Calif.*, P. R.
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Co- lombia, Costa Rica, Venezuela.			30	Calif.*, N. J.
<i>Epidendrum</i> sp. (orchid).....	Brazil.....			1	N. J.
<i>Laelia</i> sp. (orchid).....	do.....			1	N. J.
<i>Oncidium</i> sp. (orchid).....	Trinidad.....			1	N. J.
Orchid.....	Colombia, Mexico, Ven- ezuela.			6	N. J., Tex.
<i>Tesserocerus dejeani</i> Chapuis (Platypo- didae): <i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Honduras	2			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	1			N. Y.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae): <i>Sophora</i> sp.....	Mexico.....	1			Tex.
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae): <i>Ficus carica</i> (fig).....	Guatemala.....	1			Tex.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodi- dae): <i>Epigaea repens</i> (trailing arbutus).....	Nova Scotia.....	4			Mass.
<i>Tetraopes femoratus texanus</i> Horn (Ceram- bycidae): <i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bosti- chidae): <i>Swietenia mahogani</i> (mahogany).....	do.....	3			N. Y.
Wood.....	do.....		2		Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephri- tidae): <i>Carica papaya</i> (papaya).....	Honduras.....		1		La.
<i>Trionymus peregrinus</i> (Green) (Coccidae): <i>Amaryllis</i> sp.....	England.....			1	N. J.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane).....	Australia.....		1		Mass.
<i>Trogoxylon prostomoides</i> Gorb. (Lyctidae): <i>Sambucus</i> sp. (elder).....	Mexico.....	1			N. Y.
Wood.....	do.....	1			N. Y.
<i>Urbanus proteus</i> (L.) (Hesperiidae): <i>Phaseolus</i> sp. (string bean).....	do.....	1			Ariz.
<i>Urodus parvula</i> (Hy. Edw.) (Hyponomeu- tidae): <i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae): <i>Brassavola</i> sp. (orchid).....	Canal Zone.....			1	Calif.*
<i>Brassia</i> sp. (orchid).....	do.....			1	Calif.*
<i>Cattleya</i> sp. (orchid).....	do.....			1	Calif.*
<i>Haematoxylon campechianum</i> (log- wood).	Martinique.....	1			N. Y.
<i>Oncidium altissimum</i> (orchid).....	American Virgin Islands			1	Fla.*
<i>Stanhopea bucephalus</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Xenochalepus omoger</i> (Cr.) (Chrysomeli- dae): Bromeliaceae.....	Guatemala.....			1	Calif.*
<i>Xyleborus affinis</i> Eichh. (Scolytidae): <i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.
<i>Swietenia mahogani</i> (mahogany).....	Honduras.....	1			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Mexico.....	1			N. Y.

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<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	1			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Cuba.....	1			N. Y.
<i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Honduras, Mexico.....	3			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala, Mexico.....	5			N. Y., Tex.
<i>Xyleborus fuscatus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar).....	Costa Rica.....	2			N. Y.
<i>Jacaranda acutijolia</i> (jacaranda).....	Brazil.....		1		N. Y.
<i>Xyleborus propinquus</i> Eichh. (Scolytidae):					
<i>Citrus aurantijolia</i> (lime).....	Mexico.....	2			Ariz.
<i>Guaiacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
Log.....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Ariz.
<i>Swietenia mahogani</i> (mahogany).....	Honduras.....	1			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	2			N. Y.
<i>Xyleborus sacchari</i> Hopk. (Scolytidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Haiti.....		1		Md.
<i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala.....	1			N. Y.
<i>Xyleborus torquatus</i> Eichh. (Scolytidae):					
<i>Guaiacum officinale</i> (lignumvitae).....	Mexico.....	1			N. Y.
<i>Swietenia mahogani</i> (mahogany).....	Costa Rica, Mexico.....	3			N. Y.
<i>Xylion adustus</i> (F.) (Bostrichidae):					
<i>Entandrophragma</i> sp.....	Gold Coast.....	1			N. Y.
<i>Swietenia mahogani</i> (mahogany).....	do.....	1			N. Y.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
In bag containing avocados.....	Mexico.....	1			Tex.
<i>Xylopsocus capucinus</i> (F.) (Bostrichidae):					
<i>Derris</i> sp.....	Malaya (British).....	1			N. Y.
<i>Zabrotes subjasciatus</i> (Boh.) (Bruchidae):					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Allium sativum</i> (garlic).....	do.....	1			Tex.
<i>Arachis hypogaea</i> (peanut).....	do.....	1			Tex.
Bean.....	Guatemala, Mexico, Peru.....	5		2	D. C., Mich. Tex.
<i>Panicum marimum</i> (guineagrass).....	Costa Rica.....			1	N. Y.
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Union of South Africa.....		2		N. Y.
<i>Phaseolus vulgaris</i> (kidney bean).....	Mexico.....			1	D. C.
<i>Pisum sativum</i> (pea).....	Peru.....	1			N. Y.
<i>Pisum</i> sp. (yellow pea).....	Mexico.....		1		N. Y.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Triticum aestivum</i> (wheat).....	do.....	1			Tex.
<i>Vigna sinensis</i> (cowpea).....	do.....			1	D. C.

Hosts and insects

ACACIA:

Acanthoscelides dominicanus (Coleoptera)
Acanthoscelides sallaei (Coleoptera)

ADENANTHERA:

Dynatopechus aureopilosus (Coleoptera)

AECHEMEA:

Aleuroplatus cococolus (Homoptera)

AERIDIÆ—See Orchidaceae

AGLAONEMA:

Fulvius brevicornis (Hemiptera)

AGARICUS:

Nemapogon granella (Lepidoptera)

ALLIUM CEPA:

Tetraopes femoratus texanus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

ALLIUM SATIVUM:

Zabrotes subfasciatus (Coleoptera)

ALSTROEMERIA:

Hofmannophila pseudospretella (Lepidoptera)

ALYXIA:

Lepidosaphes uniloba (Homoptera)

AMARYLLIS:

Trionymus peregrinus (Homoptera)

AMYGDALUS PERSICA:

Anastrepha ludens (Diptera)

ANACARDIUM:

Protopulvinaria pyriformis (Homoptera)

ANANAS:

Acroleucus vicinalis (Hemiptera)
Alpheias conspirata (Lepidoptera)
Carneocephala sagittifera (Homoptera)
Cossonus canaliculatus (Coleoptera)
Cossonus impressus var. (Coleoptera)
Diphaulaca cordobae (Coleoptera)
Disonycha antennata (Coleoptera)
Eburia brevispinis (Coleoptera)
Elaphrothrips dampfi (Thysanoptera)
Heraeus guttatus (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Metamasius callizona (Coleoptera)
Placosternus difficilis (Coleoptera)
Platynota rostrana (Lepidoptera)
Platypus rugulosus (Coleoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
Targionia bromeliae (Homoptera)

ANNONA:

Aspidiotus destructor (Homoptera)
Talponia batesi (Lepidoptera)

ANTHURIUM:

Ceroplastes rubens (Homoptera)

APIUM:

Anuraphis apiifolia (Homoptera)
Forficula auricularia (Orthoptera)

ARACHIS:

Zabrotes subfasciatus (Coleoptera)

ARAUCARIA:

Eriococcus araucariae (Homoptera)

ARECA:

Sin xylon anala (Coleoptera)

ASTROCARYUM:

Coccotrypes dactyliperda (Coleoptera)

BAMBOO:

Asterolecanium bambusae (Homoptera)
Asterolecanium miliaris (Homoptera)
Asterolecanium miliaris longum (Homoptera)
Asterolecanium miliaris robustum (Homoptera)
Chaetococcus bambusae (Homoptera)
Dinoderus pilifrons (Coleoptera)
Eucalandra setulosa (Coleoptera)
Laemotmetus rhizophagoides (Coleoptera)
Lyctoxylon japonum (Coleoptera)
Odonaspis greeni (Homoptera)

BAMBUA:

Asterolecanium bambusae (Homoptera)

BANANA DEBRIS:

Stilodes fuscilineata (Coleoptera)

BAROSMA:

Chionaspis diosmae (Homoptera)

BEAN:

Conotrachelus seniculus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

BERBERIS:

Hofmannophila pseudospretella (Lepidoptera)

BETA CICLA:

Hellula undalis (Lepidoptera)

BETA VULGARIS:

Aceratagallia robusta (Homoptera)
Conotrachelus seniculus (Coleoptera)
Drasterius livens (Coleoptera)
Erynepthala puncticollis (Coleoptera)
Heliodines bella (Lepidoptera)

BOUGAINVILLEA:

Acanthoscelides pruininus (Coleoptera)
Colpocarena complanata (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)

BRASSAVOLA—See Orchidaceae

BRASSIA—See Orchidaceae

BRASSICA CAMPESTRIS:

Ceutorhynchus pleurostigma (Coleoptera)

BRASSICA CHINENSIS:

Conoderus laurenti (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cryptopeltis varians (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Heteroderes laurenti (Coleoptera)
Ligyrocoris aurivilliana (Hemiptera)
Liriomyza flaveola (Diptera)
Ora sexlineata (Coleoptera)
Pachnaeus litus (Coleoptera)
Phaedon purpurea (Coleoptera)
Phyllotreta vittata discedens (Coleoptera)
Systema basalis (Coleoptera)

BRASSICA HIRTA:

Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus pratensis var. (Hemiptera)

BRASSICA OLERACEA ACEPHALA:

Gynaikothrips uzeli (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Liriomyza flaveola (Diptera)
Phyllotreta vittata discedens (Coleoptera)

BRASSICA OLERACEA BOTRYTIS:

Hellula undalis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Melusina annulata (Hemiptera)

BRASSICA OLERACEA CAPITATA:

Ceutorhynchus quadridens (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Gnathotrichus denticulatus (Coleoptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Phyllotreta pusilla (Coleoptera)
Pionea forficalis (Lepidoptera)

BRASSICA RAPA:

Ceutorhynchus pleurostigma (Coleoptera)
Deloyala lecontei (Coleoptera)
Drasterius livens (Coleoptera)
Epilachna varivestis (Coleoptera)
Geocoris sonoraensis (Hemiptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Lygus pratensis var. (Hemiptera)
Nabis alternatus (Hemiptera)
Phyllotreta pusilla (Coleoptera)

BRASSICA SP. (mustard):

Ceratocapsus cubanus (Hemiptera)
Conotrachelus seniculus (Coleoptera)
Drasterius livens (Coleoptera)
Empoasca abrupta (Homoptera)
Hellula phidilealis (Lepidoptera)
Hellula undalis (Lepidoptera)
Ligyrocoris aurivilliana (Hemiptera)
Liriomyza flaveola (Diptera)
Nabis alternatus (Hemiptera)
Platynota stultana (Lepidoptera)
Systema basalis (Coleoptera)

BROMELIACEAE:

Asterolecanium epidendri (Homoptera)
Physonota picticollis (Coleoptera)
Xenochalepus omoger (Coleoptera)

CAESALPINIA:

Acanthoscelides dominicanus (Coleoptera)

CAJANUS:

Callosobruchus chinensis (Coleoptera)

CACTACEAE:

Cosmogramma angustofasciata (Coleoptera)
Cylindrocopturus biradiatus (Coleoptera)
Gerstaeckeria mutillaria (Coleoptera)
Lepidosaphes philococcus (Homoptera)

Hosts and insects—Continued

CACTACEAE—Continued.

- Ligyrocoris nitidicollis* (Hemiptera)
Moneilema opuntiae (Coleoptera)
Puto mexicanus (Homoptera)
Rhopalothrips bicolor (Thysanoptera)

CALLUNA:

- Micrelus ericae* (Coleoptera)
Taeniothrips ericae (Thysanoptera)

CALOCARPUM:

- Anastrepha serpentina* (Diptera)

CAMELLIA:

- Aleurotrachelus camelliae* (Homoptera)

CANAVALLIA:

- Cosmolyce boeticus* (Lepidoptera)
Maruca testulalis (Lepidoptera)

CAPSICUM:

- Aceratagallia pallida* (Homoptera)
Arvelius albopunctatus (Hemiptera)
Disonycha argentinensis (Coleoptera)
Epinotia opposita (Lepidoptera)
Gnorimoschema gudmannella (Lepidoptera)
Lineodes triangulalis (Lepidoptera)
Lorita abornana chatka (Lepidoptera)
Macroductylus mexicanus (Coleoptera)
Phenacoccus gossypii (Homoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Pulvinaria urbicola (Homoptera)

CARICA:

- Homalopalpia dalera* (Lepidoptera)
Toxotrypana curvicauda (Diptera)

CASEARIA:

- Platypus rugulosus* (Coleoptera)

CASSIA:

- Acanthoscelides alticola* (Coleoptera)
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Phelomerus aberrans (Coleoptera)

CASTANEA:

- Clytus arietis* (Coleoptera)
Laspeyresia splendana (Lepidoptera)

CATTLEYA—See Orchidaceae

CEDRUS:

- Nasutitermes cornigera* (Isoptera)
Platypus alternans (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
Xyleborus fuscatus (Coleoptera)

CELOSIA:

- Euschistus obscurus* (Hemiptera)

CENTAUREA:

- Ligyrocoris aurivilliana* (Hemiptera)

CERATONIA:

- Acanthoscelides ceratioborus* (Coleoptera)
Amblycerus piurae (Coleoptera)
Myelois ceratoniae (Lepidoptera)

CEREUS—See Cactaceae

CHRYSANTHEMUM:

- Aceratagallia nana* (Homoptera)
Frankliniella cephalica (Thysanoptera)
Fulvius bisbistillatus (Hemiptera)
Hypselonotus fulvus (Hemiptera)
Opius stactogalus (Homoptera)
Phenacoccus gossypii (Homoptera)
Polymerus basalis (Hemiptera)
Systema basalis (Coleoptera)
Teleonemia scrupulosa (Hemiptera)

CICER:

- Callosobruchus chinensis* (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Nabis alternatus (Hemiptera)

CITRUS AURANTIFOLIA:

- Anastrepha ludens* (Diptera)
Chrysomphalus personatus (Homoptera)
Coccus viridis (Homoptera)
Ligyrocoris nitidicollis (Hemiptera)
Prays endocarpa (Lepidoptera)
Xyleborus propinquus (Coleoptera)

CITRUS AURANTIUM:

Anastrepha ludens (Diptera)

CITRUS LIMON:

- Prays endocarpa* (Lepidoptera)
Pseudococcus gahani (Homoptera)

CITRUS MEDICA:

- Parlatoria cinerea* (Homoptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Anastrepha serpentina (Diptera)
Aonidiella inornata (Homoptera)
Parlatoria cinerea (Homoptera)
Platynota rostrana (Lepidoptera)
Pseudaonidia trilobitiformis (Homoptera)
Xyleborus confusus (Coleoptera)

CITRUS RETICULATA:

- Aonidiella inornata* (Homoptera)
Chionaspis yanonensis (Homoptera)

CITRUS SINENSIS:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Parlatoria cinerea (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)

COCOS:

- Aspidiotus destructor* (Homoptera)
Chrysomphalus personatus (Homoptera)
Diaspis cocois (Homoptera)
Dicalandra taitensis (Coleoptera)
Ereumetis flavistriata (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Ripersia palmarum (Homoptera)

CODIAEUM:

- Lepidosaphes auriculata* (Homoptera)
Lichtensia lutea (Homoptera)
Parlatoria crotonis (Homoptera)

COELOGYNE—See Orchidaceae

COFFEA:

- Ceratitidis capitata* (Diptera)
Stephanoderes hampei (Coleoptera)

COLOCASIA:

- Conchylodes ovulalis* (Lepidoptera)

CORIANDRUM:

- Liriomyza flaveola* (Diptera)

CRATAEGUS:

- Crociosema plebeiana* (Lepidoptera)

CUCURBITA:

- Rhizophagus dominica* (Coleoptera)

CYCAS:

- Aonidiella inornata* (Homoptera)
Phenacaspis eugeniae sandwichensis (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)

CYMBIDIUM—See Orchidaceae

CYMBOPOGON:

- Pseudococcus boninsis* (Homoptera)

CYPRIPIEDIUM—See Orchidaceae

DAHLIA:

- Hofmannophila pseudospretella* (Lepidoptera)

DAISY:

- Euphoria kerni* (Coleoptera)

DAPHNE:

- Nabis alternatus* (Hemiptera)

DAUCUS:

- Agromyza virens* (Diptera)
Haplothrips gowdeyi (Thysanoptera)
Phyllotreta pusilla (Coleoptera)
Psila rosae (Diptera)

DERRIS:

- Dinoderus bifoveolatus* (Coleoptera)
Sinoxylon anale (Coleoptera)
Xylopsocus capucinus (Coleoptera)

DIOCLEA:

- Maruca testulalis* (Lepidoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
Targionia hartii (Homoptera)

DENDROBIUM—See Orchidaceae

DIANTHUS:

- Allocoris incognita* (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)

ENTANDROPHRAGMA:

- Xylion adustus* (Coleoptera)

EPIDENDRUM—See Orchidaceae

EPIGAEA:

- Aleuroplatus myricae* (Homoptera)
Tetraleurodes ursorum (Homoptera)

Hosts and insects—Continued

ERICA:

Myzus ornatus (Homoptera)

ERYTHRINA:

Aspidiotus herculeanus (Homoptera)

Specularius erythrinae (Coleoptera)

EYSONHARDTIA:

Renocis mexicanus (Coleoptera)

FICUS:

Aspidiotus spinosus (Homoptera)

Leptopharsa distantis (Hemiptera)

Rhobonda gaurisana (Lepidoptera)

Tetraleurodes fici (Homoptera)

FRAXINUS:

Argyrotoza conwayana (Lepidoptera)

Leperisinus frazini (Coleoptera)

GARDENIA:

Acrosternum stitica (Hemiptera)

Coccus viridis (Homoptera)

Euphoria kerni (Coleoptera)

Haplothrips gowdeyi (Thysanoptera)

Homona patulana (Lepidoptera)

Hypsoprora nogolata (Homoptera)

Opsius stactogalus (Homoptera)

Protopulvinaria pyriformis (Homoptera)

GENIPA:

Pseudaonidia clavigera (Homoptera)

GERBERA:

Frankliniella cephalica (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

GLADIOLUS:

Frankliniella fortissima (Thysanoptera)

Lophocattres pusillus (Coleoptera)

Taeniothrips simplex (Thysanoptera)

GLEDITSIA:

Bruchidius dorsalis (Coleoptera)

GONGORA—See Orchidaceae

GOSSYPIUM:

Bucculatrix thurberiella (Lepidoptera)

Corcyra cephalonica (Lepidoptera)

Pectinophora gossypiella (Lepidoptera)

GRAMMATOPHYLLUM—See Orchidaceae

GUALACUM:

Nasutitermes cornigera (Isoptera)

Neoclytus cacicus (Coleoptera)

Platypus rugulosus (Coleoptera)

Tesserocerus dejeani (Coleoptera)

Xyleborus confusus (Coleoptera)

Xyleborus propinquus (Coleoptera)

Xyleborus torquatus (Coleoptera)

HAEMATOPHYLLON:

Vinsonia stellifera (Homoptera)

HELIANTHUS:

Disonycha argentinensis (Coleoptera)

HELICHRYSUM:

Spathulina hessi (Diptera)

HIBISCUS:

Crociosema plebeiana (Lepidoptera)

Haplothrips gowdeyi (Thysanoptera)

Pectinophora gossypiella (Lepidoptera)

Phenacoccus gossypii (Homoptera)

Pseudaonidia clavigera (Homoptera)

Pseudaonidia tesserata (Homoptera)

INGA:

Pseudaonidia clavigera (Homoptera)

IPOMOEA:

Cylas formicarius (Coleoptera)

Cylas formicarius var. (Coleoptera)

Cylas formicarius elegantulus (Coleoptera)

Cylas puncticollis (Coleoptera)

Cylas turcipennis (Coleoptera)

Euscepes postfasciatus (Coleoptera)

Palaeopus costicollis (Coleoptera)

JACARANDA:

Xyleborus fuscatus (Coleoptera)

JASMINUM:

Aonidiella inornata (Homoptera)

JUGLANS:

Lophocateres pusillus (Coleoptera)

LACTUCA:

Anacentrinus deplanatus (Coleoptera)

Conoderus lividus (Coleoptera)

Disonycha politula (Coleoptera)

Empoasca abrupta (Homoptera)

Empoasca batatae (Homoptera)

Geocoris sonoraensis (Hemiptera)

Homophoeta lustrans (Coleoptera)

LACTUCA—Continued.

Leptophobia aripa (Lepidoptera)

Ligyrocoris aurivilliana (Hemiptera)

Nabis dentipes (Hemiptera)

Phyllotreta pusilla (Coleoptera)

LAELIA—See Orchidaceae

LAGERSTROEMIA:

Dysdercus mimulus (Hemiptera)

LATHYRUS:

Frankliniella fortissima (Thysanoptera)

LAURUS:

Aonidia lauri (Homoptera)

Chrysomphalus personatus (Homoptera)

LEMAIREOCEREUS—See Cactaceae

LITCHI:

Ceroplastes rubens (Homoptera)

LONICERA:

Protopulvinaria pyriformis (Homoptera)

LYCASTE—See Orchidaceae

LYCOPERSICON:

Amphicerus cornutus (Coleoptera)

Callidium antennatum hesperum (Coleoptera)

Dacus cucurbitae (Diptera)

Dicyphus minimus (Hemiptera)

Dorytomus brevisetosus (Coleoptera)

Epinotia opposita (Lepidoptera)

Gnathotrichus aciculatus (Coleoptera)

Gnathotrichus denticulatus (Coleoptera)

Gnorimoschema gudmannella (Lepidoptera)

Heliodines bella (Lepidoptera)

Keiferia lycopersicella (Lepidoptera)

Leucinodes elegantalis (Lepidoptera)

Lineodes integra (Lepidoptera)

Lorita abornana chatka (Lepidoptera)

Pilophoropsis brachypterus (Hemiptera)

Platynota stultana (Lepidoptera)

Xyleborus confusus (Coleoptera)

Xyleborus propinquus (Coleoptera)

MALUS:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Rhagoletis pomonella (Diptera)

MAMMEA:

Anastrepha serpentina (Diptera)

Aspidiotus spinosus (Homoptera)

MAMMILLARIA—See Cactaceae

MANGIFERA:

Anastrepha ludens (Diptera)

Anastrepha mombinpraeoptans (Diptera)

Ceratitis capitata (Diptera)

Pseudaonidia trilobitiformis (Homoptera)

Sternochetus mangiferae (Coleoptera)

MANIHOT:

Lepidosaphes alba (Homoptera)

MARSDENIA:

Niveaspis fenestrata (Homoptera)

MEDICAGO:

Colias eurytheme (Lepidoptera)

Draeculacephala minerva (Homoptera)

Epilachna varivestis (Coleoptera)

MENTHA:

Phenacoccus gossypii (Homoptera)

MILTONIA—See Orchidaceae

MIMULUS:

Pagiocerus rimosus (Coleoptera)

MUCUNA:

Dynatopechus aureopilosus (Coleoptera)

MUSA PARADISIACA:

Eumecosomyia nubila (Diptera)

Platynota rostrana (Lepidoptera)

MUSA PARADISIACA SAPIENTUM:

Adraneothrips tibialis (Thysanoptera)

Aspidiotus destructor (Homoptera)

Metamasius sericeus (Coleoptera)

Pinnaspis minor strachani (Homoptera)

Stolas illustris (Coleoptera)

MUSCARI:

Bouhelia maroccana (Homoptera)

MYRISTICA:

Nysius scutellatus (Hemiptera)

MYRICARIA:

Pseudaonidia clavigera (Homoptera)

MYRTILLOCACTUS—See Cactaceae

NARCISSUS:

Endrosis lacteella (Lepidoptera)

Hosts and insects—Continued

NERIUM:

Haplothrips gowdeyi (Thysanoptera)

ODONTOGLOSSUM—See Orchidaceae

ONCIDIUM—See Orchidaceae

ORMOSIA:

Stephanoderes trinitatis (Coleoptera)

ORNITHOGALUM:

Haplothrips nigricornis (Thysanoptera)

ORYZA:

Chilo simplex (Lepidoptera)

Corcyra cephalonica (Lepidoptera)

ORCHIDACEAE:

Acrolophus fervidus (Lepidoptera)

Aeolus pulchellus (Coleoptera)

Anaphothrips orchidaceus (Thysanoptera)

Anaphothrips orchidii (Thysanoptera)

Anastrepha striata (Diptera)

Aonidiella eremocitri (Homoptera)

Aspidiotus diffinis (Homoptera)

Asterolecanium epidendri (Homoptera)

Capaneus odiosus (Hemiptera)

Chrysomphalus nulliporus (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Clerada apicicornis (Hemiptera)

Conchaspis angraeci (Homoptera)

Conotrachelus naso (Coleoptera)

Cryphula apicatus (Hemiptera)

Cryphula fasciatus (Hemiptera)

Cryptomorpha desjardinsi (Coleoptera)

Deloyala guttata (Coleoptera)

Empoasca phaseola (Homoptera)

Eucalandra setulosa (Coleoptera)

Eurycipitia vestitus (Hemiptera)

Eurytoma orchidearum (Hymenoptera)

Exptochiomeria tumens (Hemiptera)

Furcaspis biformis (Homoptera)

Galgupha punctifera (Hemiptera)

Gonatas typicus (Hemiptera)

Hercinothrips femoralis (Thysanoptera)

Lamprosema schistisemalis (Lepidoptera)

Lepidosaphes tuberculata (Homoptera)

Leucaspis cockerelli (Homoptera)

Ligyrocoris aurivillianus (Hemiptera)

Lygaeus vittiscutis (Hemiptera)

Melanaspis aliena (Homoptera)

Mordellistena cattleyana (Coleoptera)

Morganella longispina (Homoptera)

Myodocha intermedia (Hemiptera)

Myodocha unispinosa (Hemiptera)

Nasutitermes cornigera (Isoptera)

Neuroctenus litigiosus (Hemiptera)

Ogdoecosta biannularis (Coleoptera)

Opatrinus gemellus (Coleoptera)

Orchidophilus aterrimus (Coleoptera)

Orchidophilus peregrinator (Coleoptera)

Pachycoris torridus var. (Hemiptera)

Parlatoria pseudaspidiotus (Homoptera)

Pinnaspis townsendi (Homoptera)

Pseudischnaspis alienus (Homoptera)

Pulvinaria floccifera (Homoptera)

Scirtothrips longipennis (Thysanoptera)

Tadius erirhinoides (Coleoptera)

Tenthecoris bicolor (Hemiptera)

Vinsonia stellifera (Homoptera)

PACHYCREPUS—See Cactaceae

PANICUM:

Cymus virescens (Hemiptera)

Zabrotes subfasciatus (Coleoptera)

PASSIFLORA:

Frankliniella insularis (Thysanoptera)

PASTINACA:

Psila rosae (Diptera)

PATRINIA:

Myzus ornatus (Homoptera)

PELARGONIUM:

Phenacoccus gossypii (Homoptera)

PELLICIERA:

Aspidiotus herculeanus (Homoptera)

PERSEA:

Anastrepha ludens (Diptera)

Aspidiotus destructor (Homoptera)

Aspidiotus spinosus (Homoptera)

Caulophilus latinasus (Coleoptera)

Ceratitis capitata (Diptera)

Chrysomphalus personatus (Homoptera)

Conotrachelus aguacatae (Coleoptera)

PERSEA—Continued.

Conotrachelus perseae (Coleoptera)

Conotrachelus seniculus (Coleoptera)

Euxesta stigmatias (Diptera)

Heilipus trifasciatus (Coleoptera)

Placosternus difficilis (Coleoptera)

Urodus parvula (Lepidoptera)

PHALAENOPSIS—See Orchidaceae

PHASEOLUS AUREUS:

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

PHASEOLUS LUNATUS MACROCARPUS:

Epinotia opposita (Lepidoptera)

Zabrotes subfasciatus (Coleoptera)

PHASEOLUS MUNGO RADIATUS:

Callosobruchus maculatus (Coleoptera)

PHASEOLUS VULGARIS:

Dacus cucurbitae (Diptera)

Zabrotes subfasciatus (Coleoptera)

PHASEOLUS SP. (string bean):

Dacus cucurbitae (Diptera)

Epilachna varivestis (Coleoptera)

Epinotia opposita (Lepidoptera)

Ligyrocoris aurivilliana (Hemiptera)

Maruca testulalis (Lepidoptera)

Urbanus proteus (Lepidoptera)

PHOENIX:

Parlatoria blanchardi (Homoptera)

PHYSALIS:

Cylas formicarius elegantulus (Coleoptera)

Gnorimoschema lavernella (Lepidoptera)

Heliothis subflexa (Lepidoptera)

PINUS:

Aonidia pinicola (Homoptera)

Chapuisia mexicana (Coleoptera)

Pityophthorus schwarzi (Coleoptera)

PIPER:

Aonidiella inornata (Homoptera)

PISUM:

Bruchus emarginatus (Coleoptera)

Zabrotes subfasciatus (Coleoptera)

PITHECELLBIUM:

Acanthoscelides flexicaulis (Coleoptera)

Acanthoscelides julianus (Coleoptera)

Acanthoscelides limbatus (Coleoptera)

Myelois venipars (Lepidoptera)

PODALYRIA:

Bruchidius versicolor (Coleoptera)

POINCIANA:

Aganactesis indecora (Lepidoptera)

Stephanoderes brunneus (Coleoptera)

POPULUS:

Dorytomus brevisetosus (Coleoptera)

PORTULACA:

Callosobruchus maculatus (Coleoptera)

Disonycha arizonae (Coleoptera)

Drasterius livens (Coleoptera)

Exitianus obscurinervis (Homoptera)

Frankliniella fortissima (Thysanoptera)

Heliodines bella (Lepidoptera)

Lacon leseleuci (Coleoptera)

Ligyrocoris aurivilliana (Hemiptera)

Lygus pratensis var. (Hemiptera)

Nabis alternatus (Hemiptera)

Nabis annulatus (Hemiptera)

Phymata pennsylvanica coloradensis (Hemiptera)

Zabrotes subfasciatus (Coleoptera)

PRIMULA:

Myzus ornatus (Homoptera)

PROSOPIS:

Acanthoscelides ceratioborus (Coleoptera)

Acmaeodera gibbula delumbis (Coleoptera)

Laspeyresia membroso (Lepidoptera)

PRUNUS:

Parlatoria oleae (Homoptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)

Anastrepha suspensa (Diptera)

Ceratitis capitata (Diptera)

Coccus viridis (Homoptera)

PUNICA:

Anastrepha ludens (Diptera)

Caulophilus latinasus (Coleoptera)

PYRUS:

Anastrepha ludens (Diptera)

Parlatoria oleae (Homoptera)

*Hosts and insects—Continued***QUERCUS:**

- Andricus championi* (Hymenoptera)
- Andricus mexicanus* (Hymenoptera)
- Biorhiza solita* (Hymenoptera)
- Conotrachelus integer* (Coleoptera)
- Dros petasum* (Hymenoptera)
- Forficula auricularia* (Orthoptera)

RADICULA:

- Draeculacephala minerva* (Homoptera)

RAPHANUS:

- Hellula undalis* (Lepidoptera)
- Phyllotreta pusilla* (Coleoptera)

RENANTHERA—See Orchidaceae**RHODODENDRON:**

- Amphorophora rhododendri* (Homoptera)
- Dalopius marginatus* (Coleoptera)
- Dialeurodes chittendeni* (Homoptera)
- Epitrix subcrinita* (Coleoptera)
- Sitona lineata* (Coleoptera)

RIBES:

- Epochra canadensis* (Diptera)

RICINUS:

- Faltonia caduca* (Hemiptera)

ROSA:

- Chrysomphalus personatus* (Homoptera)
- Coccus viridis* (Homoptera)
- Frankliniella cubensis* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)

ROYSTONEA:

- Aspidiotus destructor* (Homoptera)

SACCHARUM:

- Odonaspis saccharicaulis* (Homoptera)
- Pseudococcus boninsis* (Homoptera)
- Targionia sacchari* (Homoptera)
- Trionymus sacchari* (Homoptera)
- Xyleborus sacchari* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

SALVIA:

- Aylax salviae* (Hymenoptera)

SAMBUCUS:

- Amphicerus cornutus* (Coleoptera)
- Micrapate scapularis* (Coleoptera)
- Renocis mexicanus* (Coleoptera)
- Trogoxylon prostomoides* (Coleoptera)

SAPONARIA:

- Hypselonotus interruptus* (Hemiptera)

SAPOTE:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)

SAXIFRAGA:

- Acalypta mera* (Hemiptera)

SCHEELEA:

- Caryobruchus buscki* (Coleoptera)

SCHOMBURGKIA—See Orchidaceae**SEMPERVIVUM:**

- Acalypta mera* (Hemiptera)

SERJANIA:

- Dinoderus bifoveolatus* (Coleoptera)

SOIL:

- Conotrachelus integer* (Coleoptera)
- Curculio q-griseae* (Coleoptera)

SOLANUM MELONGENA:

- Pachyzancla periusalis* (Lepidoptera)

SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera)
- Rhigopsidius tucumanus* (?) (Coleoptera)

SOPHORA:

- Diaspis texensis* (Homoptera)
- Tetraurodes acaciae* (Homoptera)

SPINACIA:

- Deloyala guttata* (Coleoptera)
- Lygus oblineatus* var. (Hemiptera)
- Nabis alternatus* (Hemiptera)

SPONDIAS:

- Aspidiotus herculeanus* (Homoptera)

STANHOPEA—See Orchidaceae**SWIETENIA:**

- Hypsipyla grandella* (Lepidoptera)
- Lygaeus guatemalanus* (Hemiptera)
- Platypus rugulosus* (Coleoptera)
- Taphroderes sexmaculatus* (Coleoptera)
- Tesserocerus dejeani* (Coleoptera)
- Tetrapriocera longicornis* (Coleoptera)
- Xyleborus affinis* (Coleoptera)
- Xyleborus confusus* (Coleoptera)
- Xyleborus propinquus* (Coleoptera)
- Xyleborus torquatus* (Coleoptera)
- Xylion adustus* (Coleoptera)

SYMPLOCARPUS:

- Forficula auricularia* (Orthoptera)

TABEBUIA:

- Acanthoderes circumflexa* (Coleoptera)
- Brentus anchorago* (Coleoptera)
- Brentus mexicanus* (Coleoptera)
- Cossonus canaliculatus* (Coleoptera)
- Laemophloeus suturalis* (Coleoptera)
- Nemocephalus guatemalensis* (Coleoptera)
- Platypus exaratus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)
- Tesserocerus dejeani* (Coleoptera)
- Xyleborus affinis* (Coleoptera)
- Xyleborus confusus* (Coleoptera)
- Xyleborus propinquus* (Coleoptera)
- Xyleborus subaffinis* (Coleoptera)

TABERNAEMONTANA:

- Dialeurodes kirkaldyi* (Homoptera)

TAMARINDUS:

- Caryedon fuscus* (Coleoptera)

TERMINALIA:

- Aspidiotus destructor* (Homoptera)
- Elaphidion irroratum* (Coleoptera)
- Leptostylus argentatus* (Coleoptera)
- Pseudaonidia trilobitiformis* (Homoptera)

TETRAPLEURA:

- Callosobruchus maculatus* (Coleoptera)

THEOBROMA:

- Corcyra cephalonica* (Lepidoptera)

THUJA:

- Cinara tujafilina* (Homoptera)

TILLANDSIA:

- Monanthia monotropidia* (Hemiptera)

TRITICUM:

- Zabrotes subfasciatus* (Coleoptera)

TULIPA:

- Myzus ornatus* (Homoptera)

ULMUS:

- Clytus arietis* (Coleoptera)
- Pteleobius vittatus* (Coleoptera)
- Salpingus planirostris* (Coleoptera)
- Scolytus multistriatus* (Coleoptera)

VANDA—See Orchidaceae**VICIA:**

- Bruchus dentipes* (Coleoptera)
- Bruchus dentipes ochraceosignatus* (Coleoptera)
- Bruchus hamatus* (Coleoptera)

VIGNA:

- Callosobruchus maculatus* (Coleoptera)
- Zabrotes subfasciatus* (Coleoptera)

VITIS:

- Pantomorus xanthographus* (Coleoptera)
- Saulaspis graphica* (Coleoptera)

VOANDZELA:

- Callosobruchus subinnotatus* (Coleoptera)

ZEa:

- Agrotis vetusta* (Lepidoptera)
- Callosobruchus maculatus* (Coleoptera)
- Chirothrips aculeatus* (Thysanoptera)
- Conotrachelus seniculus* (Coleoptera)
- Eumecosomyia nubila* (Diptera)
- Euxesta sororcula* (Diptera)
- Euxesta stigmatias* (Diptera)
- Moodna bisinuella* (Lepidoptera)
- Pagiocerus rimosus* (Coleoptera)

ZINGIBER:

- Platyomus lividigaster* (Coleoptera)

Hosts unknown

BAG CONTAINING AVOCADOS:
Xylobiops texanus (Coleoptera)
 EXCELSIOR IN BOX OF GRAPES:
Heteroderes rufangulus (Coleoptera)
 FLOWERS:
Cyrtopeltis varians (Hemiptera)
Draeculacephala minerva (Homoptera)
Erynephala puncticollis (Coleoptera)
Metriona profligata (Coleoptera)
 GRASS SEED:
Mecidea proliza (Hemiptera)
 HAY:
Hypera meles (Coleoptera)
Hypera nigrirostris (Coleoptera)
 HERB:
Erynephala puncticollis (Coleoptera)
Melusina regelationis (Hemiptera)
 LOG:
Prentus anchorago (Coleoptera)
Calydon submetallicum (Coleoptera)
Platypus rugulosus (Coleoptera)
Xyleborus propinquus (Coleoptera)
 PACKING:
Drymus sylvaticus (Hemiptera)

PACKING—Continued.
Nabis punctipennis (Hemiptera)
 PALM:
Aspidiotus destructor (Homoptera)
 PLANT:
Aleurotrachelus trachoides (Homoptera)
 SUCCULENT:
Eumysia maculicula (Lepidoptera)
 VEGETABLES:
Erynephala puncticollis (Coleoptera)
 WOOD:
Amphicerus cornutus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Micrapate scapularis (Coleoptera)
Microcerotermes exiguus (Isoptera)
Neoclytus rufus (Coleoptera)
Platypus rugulosus (Coleoptera)
Penocis mexicanus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Sinoxylon sexdentatum (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Trogoxylon prostomoides (Coleoptera)

Country of origin and insects

ALGERIA:
Callosobruchus maculatus
Callosobruchus subinnotatus
 AMERICAN VIRGIN ISLANDS:
Pectinophora gossypiella
Vinsonia stellifera
 ANTIGUA:
Asterolecanium miliaris longum
Pectinophora gossypiella
 ARGENTINA:
Anastrepha fraterculus
Cylas formicarius elegantulus
Disonycha argentinensis
Epilachna varivestis
Heteroderes rufangulus
Pantomorus xanthographus
Parlatoria cinerea
Parlatoria oleae
Saulaspis graphica
 AUSTRALIA:
Anaphothrips orchidii
Lophocateres pusillus
Morganella longispina
Trionymus sacchari
 BAHAMAS:
Coccus viridis
Frankliniella insularis
Furcaspis biformis
Haplothrips gowdeyi
Parlatoria cinerea
Pseudococcus boninsis
Targionia sacchari
 BARBADOS:
Asterolecanium miliaris robustum
Chrysomphalus personatus
 BELGIAN CONGO:
Phizophagus dominica
 BERMUDA:
Frankliniella insularis
Haplothrips gowdeyi
Protopulvinaria pyriformis
 BRAZIL:
Anastrepha fraterculus
Anastrepha serpentina
Asterolecanium epidendri
Colpocarena complanata
Conchaspis angraeci
Corcyra cephalonica
Eurytoma orchidearum
Euscepes postfasciatus
Hypselonotus interruptus
Mordellistena cattleyana
Parlatoria cinerea
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Tenthecoris bicolor
Xyleborus fuscatus

BRITISH COLUMBIA:
Amphorophora rhododendri
Myzus ornatus
Sitona lineata
 BRITISH GUIANA:
Caryedon fuscus
Stephanoderes trinitatis
 BRITISH HONDURAS:
Lepidosaphes alba
Stolas illustris
 BRITISH WEST INDIES:
Furcaspis biformis
 CANADA:
Acalypta mera
Epitrix subcrinita
Forficula auricularia
Lophocateres pusillus
Myzus ornatus
Nabis alternatus
Nemapogon granella
Stephanoderes hampei
 CANAL ZONE:
Acanthoderes circumflexa
Acanthoscelides alticola
Aspidiotus diffinis
Aspidiotus herculeanus
Caryobruchus buscki
Coccus viridis
Conchaspis angraeci
Epinotia opposita
Frankliniella cephalica
Furcaspis biformis
Haplothrips gowdeyi
Mordellistena cattleyana
Phelomerus aberrans
Platypus rugulosus
Pseudaonidia clavigera
Tenthecoris bicolor
Vinsonia stellifera
 CHILE:
Calydon submetallicum
Nabis punctipennis
 CHINA:
Callosobruchus maculatus
Ceroplastes rubens
Cylas formicarius elegantulus
Fulvius brevicornis
 COLOMBIA:
Acanthoscelides dominicanus
Acrolophus fervidus
Anaphothrips orchidaceus
Anastrepha serpentina
Asterolecanium epidendri
Clerada apicicornis
Conotrachelus naso
Corcyra cephalonica
Cryphula fasciatus

Country of origin and insects—Continued

COLOMBIA—Continued.

Eucalandra setulosa
Eurytoma orchidearum
Furcaspis biformis
Gonatas typicus
Maruca testulalis
Mordellistena cattleyana
Nasutitermes cornigera
Pagiocerus rimosus
Tenthecoris bicolor

COSTA RICA:

Asterolecanium bambusae
Asterolecanium epidendri
Chrysomphalus umboniferus
Heilipus trifasciatus
Leucaspis cockerelli
Myelois ceratoniae
Nasutitermes cornigera
Platypus alternans
Platypus rugulosus
Pseudischmaspis alienus
Stilodes fuscolineata
Taphroderes sexmaculatus
Tenthecoris bicolor
Tesserocerus dejeani
Xyleborus affinis
Xyleborus confusus
Xyleborus fuscatus
Xyleborus torquatus
Zabrotes subfasciatus

CUBA:

Adraneothrips tibialis
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium miliaris
Ceratocapsus cubanus
Coccus viridis
Conoderus laurenti
Crociosema plebeiana
Cylas formicarius
Cylas formicarius elegantulus
Cyrtopeltis varians
Elaphidion irroratum
Eumecosomyia nubila
Euscepes postfasciatus
Frankliniella cubensis
Gynaikothrips uzeli
Haplothrips gowdeyi
Hellula phidilealis
Heteroderes laurenti
Homalopalpia dalera
Keiseria lycopersicella
Lepidosaphes alba
Leptostylus argentatus
Lineodes integra
Liriomyza flaveola
Ora sexlineata
Pachnaeus litus
Pachyzancla periusalis
Phenacoccus gossypii
Phyllotreta vittata discedens
Platynota rostrana
Pseudococcus boninensis
Pulvinaria urticae
Ribua innoxia
Systema basalis
Targionia bromeliae
Targionia hartii
Targionia sacchari
Xyleborus confusus

CYPRUS:

Aonidia lauri
Aylax salviae

DOMINICA:

Maruca testulalis

DOMINICAN REPUBLIC:

Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Coccus viridis
Cylas formicarius
Cylas formicarius var.
Cylas formicarius elegantulus

DOMINICAN REPUBLIC—Continued.

Phenacoccus gossypii
Protopulvinaria pyriformis

DUTCH EAST INDIES:

Acanthoscelides ceratioborus
Acanthoscelides dominicanus
Caryedon fuscus
Laemotmetus rhizophagoides
Lyctoxylon japonum
Prays endocarpa

DUTCH GUIANA:

Corcyra cephalonica
Euscepes postfasciatus
Maruca testulalis

DUTCH WEST INDIES:

Acanthoscelides dominicanus
Cymus virescens
Furcaspis biformis

ECUADOR:

Aleurotrachelus trachoides
Corcyra cephalonica

ENGLAND:

Anaphothrips orchidaceus
Argyrotoxa conwayana
Ceutorhynchus pleurostigma
Ceutorhynchus quadridens
Clytus arietis
Dalopius marginatus
Dialeurodes chittendeni
Drymus sylvaticus
Hercinothrips femoralis
Hofmannophila pseudospretella
Lepersinus fraxini
Lepidosaphes tuberculata
Melusina regelationis
Myzus ornatus
Pionea forficalis
Psila rosae
Pteleobius vittatus
Pulvinaria floccifera
Salpingus planirostris
Scirtothrips longipennis
Scolytus multistriatus
Trionymus peregrinus

FRENCH INDO-CHINA:

Heterobostrychus aequalis

GOLD COAST:

Xylion adustus

GUADELOUPE:

Nysius scutellatus

GUATEMALA:

Aleuroplatus cococolus
Anastrepha ludens
Aspidiotus destructor
Asterolecanium bambusae
Asterolecanium epidendri
Brentus anchorago
Brentus mexicanus
Chrysomphalus umboniferus
Cossonus canaliculatus
Eriococcus araucariae
Eurycipitia vestitus
Hypsipyla grandella
Laemophloeus suturalis
Leptopharsa distantis
Lygaeus guatemalanus
Lygaeus vittiscutis
Melanaspis aliena
Nemocephalus guatemalensis
Neuroctenus litigiosus
Odonaspis saccharicaulis
Physonota picticollis
Platypus exaratus
Platypus rugulosus
Rhobonda gaurisana
Tesserocerus dejeani
Tetraleurodes fici
Xenochalepus omoger
Xyleborus confusus
Xyleborus propinquus
Xyleborus subaffinis
Zabrotes subfasciatus

HAITI:

Anastrepha mombinpraeoptans
Xyleborus sacchari

HAWAII:

Acanthoscelides limbatus

Country of origin and insects—Continued

HAWAII—Continued.

Acanthoscelides pruininus
Aonidiella inornata
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Chaetococcus bambusae
Coccus viridis
Cosmolyce boeticus
Dacus cucurbitae
Diocalandra taitensis
Dynatopechus aureopilosus
Ereunetis flavistriata
Euscepes postfasciatus
Haplothrips gowdeyi
Lepidosaphes auriculata
Lepidosaphes uniloba
Maruca testulalis
Odonaspis greeni
Parlatoria crotonis
Pectinophora gossypiella
Phenacaspis eugeniae sandwichensis
Platyomus lividigaster
Pseudaonidia clavigera
Pseudaonidia tessarata
Ripersia palmarum
Sternochetus mangiferae
Taeniothrips hawaiiensis

HONDURAS:

Eurycipitia vestitus
Galgupha punctifer
Leucaspis cockerelli
Neoclytus cacicus
Palaeopus costicollis
Tesserocerus dejeani
Toxotrypana curvicauda
Xyleborus affinis
Xyleborus confusus
Xyleborus propinquus

ICELAND:

Psila rosae

INDIA:

Bruchus emarginatus
Callosobruchus chinensis
Dinoderus pilifrons
Heterobostrychus aequalis
Parlatoria pseudaspidiotus
Sinoxylon anale
Sinoxylon conigerum

IRAN:

Bruchus dentipes
Bruchus dentipes ochraceosignatus
Bruchus emarginatus
Parlatoria blanchardi

IRELAND:

Endrosis lacteella

JAMAICA:

Acanthoscelides dominicanus
Anastrepha mombinpraeoptans
Diaspis cocois
Targionia sacchari

JAPAN:

Aleurotrachelus camelliae
Bruchidius dorsalis
Chilo simplex
Chionaspis yanonensis
Cinara tujafilina
Dynatopechus aureopilosus
Laspeyresia splendana
Parlatoria pseudaspidiotus
Pinnaspis townsendi

JAVA:

Cylas turcipennis
Heterobostrychus aequalis
Laemotmetus rhizophagoides
Lyctoxylon japonum
Pseudaonidia trilobitiformis

MALAYA (British):

Dinoderus bifoveolatus
Sinoxylon anale
Xylopsocus capucinus

MARTINIQUE:

Pseudaonidia trilobitiformis
Vinsonia stellifera

MEXICO:

Acanthoscelides dominicanus
Acanthoscelides flexicaulis

MEXICO—Continued.

Acanthoscelides julianus
Acanthoscelides sallaei
Aceratagallia nana
Aceratagallia pallida
Aceratagallia robusta
Acmaeodera gibbula delumbis
Acroleucus vicinalis
Acrosternum stitica
Aeolus pulchellus
Agromyza virens
Agrotis vetusta
Allocoris incognita
Alpheias conspirata
Amphicerus cornutus
Anacentrinus deplanatus
Anastrepha ludens
Anastrepha serpentina
Andricus championi
Andricus mexicanus
Arvelius albopunctatus
Aspidiotus spinosus
Biorhiza solita
Brentus anchorago
Brentus mexicanus
Bucculatrix thurberiella
Callidium antennatum hesperum
Callosobruchus maculatus
Carneocephala sagittifera
Caulophilus latinus
Chapuisia mexicana
Chirothrips aculeatus
Chrysomphalus personatus
Colias eurytheme
Conchylodes ovulalis
Conoderus lividus
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Conotrachelus seniculus
Cossonus canaliculatus
Cossonus impressus var.
Crociosema plebeiana
Curculio q-griseae
Cylas formicarius
Cylas formicarius elegantulus
Cylindrocopturus biradiatus
Cyrtopeltis varians
Deloyala guttata
Deloyala lecontei
Diaspis texensis
Dicyphus minimus
Diphaulaca cordobae
Disonycha antennata
Disonycha arizonae
Disonycha politula
Dorytomus brevisetosus
Draeculacephala minerva
Drasterius livens
Dros petasum
Dysdercus mimulus
Eburia brevispinis
Elaphrothrips dampfi
Empoasca abrupta
Empoasca batatae
Empoasca phaseola
Epicaerus cognatus
Epilachna varivestis
Epinotia opposita
Epochra canadensis
Eyrnephala puncticollis
Eumecosomyia nubila
Eumysia maculicula
Euphoria kerni
Eurycipitia vestitus
Eurytoma orchidearum
Euschistus obscurus
Euzesta sororcula
Euzesta stigmatias
Exitianus obscurinervis
Falconia caduca
Frankliniella cephalica
Frankliniella cubensis
Frankliniella fortissima
Fulvius bistillatus
Galgupha punctifer
Geocoris sotoracensis

Country of origin and insects—Continued

MEXICO—Continued.

Gerstaeckeria mutillaria
Gnathotrichus aciculatus
Gnathotrichus denticulatus
Gnorimoschema gudmannella
Gnorimoschema lavernella
Haplothrips gowdeyi
Heliodines bella
Heliothis subflexa
Hellula phidilealis
Hellula undalis
Heraeus guttatus
Homona patulana
Homophoeta lustrans
Hypselonotus fulvus
Hypsoprora nogolata
Keiseria lycopersicella
Lacon leseleuci
Laspeyresia membrosa
Lepidosaphes philococcus
Leptophobia aripa
Leucinodes elegantalis
Lichtensia lutea
Ligyrocoris aurivilliana
Ligyrocoris nitidicollis
Lineodes integra
Lineodes triangularis
Lorita abornana chatka
Lygus oblineatus var.
Lygus pratensis var.
Macroductylus mexicanus
Maruca testulalis
Metamasius callizona
Metriona profligata
Micrapate scapularis
Monanthia monotropidia
Moneilema opuntiae
Moodna bisinuella
Myelois venipars
Myodocha intermedia
Myodocha unispinosa
Nabis alternatus
Nabis annulatus
Nabis dentipes
Ogdoecosta biannularis
Opsiis stactogalus
Pachycoris torridus var.
Pectinophora gossypiella
Phaedon purpurea
Phenacoccus gossypii
Phyllostreta pusilla
Phymata pennsylvanica colorandensis
Pilophoropsis brachypterus
Pityophthorus schwarzi
Placosternus difficilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Polymerus basalis
Protopulvinaria pyriformis
Pseudischnaspis alienus
Pseudococcus boninsis
Puto mexicanus
Renocis mexicanus
Rhagoletis pomonella
Rhopalothrips bicolor
Sisamnes contractus
Stephanoderes brunneus
Taeniothrips simplex
Talponia batesi
Teleonemia scrupulosa
Tenthecoris bicolor
Tetraleurodes acaciae
Tetraopes femoratus texanus
Tetrapriocera longicornis
Trogoxylon prostomoides
Urbanus proteus
Urodus parvula
Xyleborus affinis
Xyleborus conjusus
Xyleborus propinquus
Xyleborus torquatus
Xylobiops texanus
Zabrotes subfasciatus

MOROCCO (French):

Bouhelia maroccana

NEVIS:

Caryedon fuscus

NEWFOUNDLAND:

Hypera meles

Hypera nigrirostris

NICARAGUA:

Microcerotermes exiguus

Nasutitermes cornigera

NOVA SCOTIA:

Aleuroplatus myricae

Tetraleurodes ursorum

PALESTINE:

Parlatoria cinerea

PANAMA:

Aspidiotus destructor

Aspidiotus herculeanus

Coccus viridis

Furcaspis biformis

Metamasius sericeus

Nemocephalus guatemalensis

Neoclytus cacticus

Platypus rugulosus

PERU:

Acanthoscelides ceratioborus

Amblycerus piurae

Anaphothrips orchidaceus;

Cosmogramma angustofasciata

Dinoderus bifoveolatus

Eurytoma orchidearum

Euscepes postfasciatus

Niveaspis fenestrata

Pagiocerus rimosus

Rhigopsidius tucumanus(?)

Zabrotes subfasciatus

PHILIPPINES:

Aonidiella inornata

Callosobruchus chinensis

Callosobruchus maculatus

Chrysomphalus nulliporus

Morganella longispina

Orchidophilus peregrinator

Parlatoria pseudaspidotus

Pinnaspis townsendi

Prays endocarpa

Sinoxylon anale

Tadius erirhinoides

PORTUGAL:

Aonidia pinicola

Ceratitis capitata

Coccotrypes dactyliperda

Forficula auricularia

Laspeyresia splendana

Sinoxylon serdentatum

PUERTO RICO:

Anastrepha mombinpraeoptans

Anastrepha suspensa

Callosobruchus chinensis

Coccus viridis

Cylas formicarius elegantulus

Euscepes postfasciatus

Hellula phiditealis

Maruca testulalis

Pectinophora gossypiella

Targionia sacchari

ST. LUCIA:

Aganactesis indecora

ST. VINCENT:

Anastrepha mombinpraeoptans

SALVADOR:

Acanthoscelides dominicanus

Asterolecanium aureum

Pseudischnaspis alienus

SCOTLAND:

Ceutorhynchus pleurostigma

Melusina annulata

Micrelus ericae

Taenithrips ericae

SPAIN:

Aonidia lauri

STRAITS SETTLEMENTS:

Dinoderus bifoveolatus

SUMATRA:

Parlatoria pseudaspidotus

Pinnaspis townsendi

TAHITI:

Dialeurodes kirkaldyi

Country of origin and insects—Continued

THAILAND:

- Aonidiella eremocitri*
- Orchidophilus aterrimus*
- Pinnaspis townsendi*

TRINIDAD:

- Aganactesis indecora*
- Chrysomphalus personatus*
- Cryptamorpha desjardinsi*
- Eusepes postfasciatus*
- Furcaspis biformis*
- Hellula phidilealis*
- Maruca testulalis*
- Neoclytus rufus*
- Palaeopus costicollis*
- Parlatoria cinerea*
- Phelomerus aberrans*
- Pinnaspis minor strachani*
- Pseudococcus boninsis*
- Targionia hartii*
- Tentecoris bicolor*

UNION OF SOUTH AFRICA:

- Anuraphis apiifolia*
- Bruchidius versicolor*
- Chinoaspis diosmae*
- Cylas puncticollis*
- Haplothrips nigricornis*
- Mecidea proliza*
- Pseudococcus gahani*
- Sphatulina hessi*
- Specularius erytheinae*
- Targionia hartii*

UNION OF SOUTH AFRICA—Continued.

UNION OF SOVIET SOCIALIST REPUBLICS

- Bruchus hamatus*
- UNKNOWN:
- Anastrepha ludens*
- Anastrepha mombinpraeoptans*

VENEZUELA:

- Acanthoscelides dominicanus*
- Anastrepha striata*
- Aspidiotus herculeanus*
- Asterolecanium epidendri*
- Capaneus odiosus*
- Chrysomphalus umboniferus*
- Clerada apicicornis*
- Coccus viridis*
- Cryphula apicatus*
- Eurycipitia vestitus*
- Eurytoma orchidearum*
- Exptochiomera tumens*
- Furcaspis biformis*
- Lamprosema schistisemalis*
- Mordellistena cattleyana*
- Opatrinus gemellus*
- Platypus rugulosus*
- Protopulvinaria pyriformis*
- Tentecoris bicolor*

VIRGIN ISLANDS:

- Eusepes postfasciatus*

WEST INDIES:

- Targionia hartii*

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive

[All finding marked with an asterisk indicate State inspection]

Disease and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con-sump-tion	Non-entry	Prop-aga-tion	
<i>Albugo bliti</i> (Biv.) Kuntze: <i>Chenopodium album</i> (pigweed)	Mexico	1			Tex.
<i>Alternaria brassicae microspora</i> Brun.:					
<i>Cucumis melo</i> (melon)	Chile	1			N. Y.
<i>Cucumis melo</i> var. (honeydew)	do	4			N. Y.
<i>Alternaria citri</i> Pierce:					
<i>Citrus limon</i> (lemon)	Union of South Africa		1		N. Y.
<i>Alternaria fasciculata</i> (Cke. & Ell.) L. R. Jones & Grout:					
<i>Capsicum annuum</i> (pepper)	Brazil		1		Pa.
<i>Alternaria tenuis</i> Nees:					
<i>Viola</i> sp. (pansy)	England			1	N. J.
<i>Aphelenchoides limberi</i> Steiner:					
<i>Pastinaca sativa</i> (parsnip)	do		1		Pa.
<i>Ascochyta imperfecta</i> Pk.:					
<i>Medicago sativa</i> (alfalfa)	New Zealand		1		N. Y.
<i>Asterina delitescens</i> Ell. & Martin:					
<i>Persea</i> sp.	Mexico	1			Tex.
<i>Bacterium citri</i> (Hasse) Doidge:					
<i>Citrus aurantifolia</i> (lime)	Ceylon, Philippines		2		Calif.,* Mass.
<i>Citrus limon</i> (lemon)	Java, Philippines		3		Calif.,* Mass., N. Y.
<i>Citrus sinensis</i> (orange)	Unknown		1		N. Y.
<i>Bacterium lachrymans</i> Sm. & Bryan:					
<i>Cucumis sativus</i> (cucumber)	Mexico	1			Tex.
<i>Bacterium punctilans</i> Bryan:					
<i>Lycopersicon esculentum</i> (tomato)	do	6			Ariz.
<i>Balansia sclerotica</i> (Pat.) Hoehn.:					
<i>Heteropogon contortus</i> (tanglehead)	Straits Settlements	1			N. Y.
<i>Botryosphaeria ribis</i> Gross. & Dugg.:					
<i>Persea americana</i> (avocado)	Mexico	3			Tex.
<i>Botrytis narcissicola</i> Kleb.:					
<i>Narcissus</i> sp.	Canada, England, Ire-land.			10	N. J.
<i>Botrytis squamosa</i> J. C. Walker:					
<i>Allium sativum</i> (garlic)	Chile		1		N. Y.
<i>Ceratostomella ulmi</i> Buisman:					
<i>Ulmus</i> sp. (elm)	England	2			N. Y.
<i>Cercospora althaeina</i> Sacc.:					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cercospora angreci</i> Roum.:					
<i>Odontoglossum</i> (orchid)	England			5	N. J.
<i>Oncidium</i> sp. (orchid)	Mexico	1			Tex.
<i>Sobralia</i> sp. (orchid)	do			1	Tex.
<i>Cercospora celosiae</i> Syd.:					
<i>Celosia</i> sp. (cockscomb)	do	1			Tex.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisiaca sapientum</i> (banana)	American Virgin Islands, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, Venezuela.	157	12		La., Md., Mass., N. Y., Tex.
<i>Cercospora rhododendri</i> March & Verpl.:					
<i>Rhododendron</i> sp.	Canada			1	Wash.
<i>Cercospora richardiaecola</i> Atk.:					
<i>Zantedeschia aethiopica</i> (callalily)	Guatemala, Mexico	2			Tex.
<i>Cercospora ricinella</i> Sacc. & Berl.:					
<i>Ricinus communis</i> (castorbean)	Mexico	1			Tex.
<i>Cerebella andropogonis</i> Ces.:					
<i>Panicum mosambicensis</i>	Rhodesia			1	D. C.
<i>Paspalum dilatatum</i> (Dallisgrass)	Australia			2	N. Y.
<i>Paspalum</i> sp.	do			2	N. Y.
<i>Chlamydomyces palmarum</i> (Cke.) Mason:					
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			N. Y.
<i>Chrysomyza rhododendri</i> D By.:					
<i>Rhododendron prunifolium</i> (plumleaf azalea)	England			1	Calif.*
<i>Cladosporium orchidearum</i> Cke. & Mass.:					
<i>Epidendrum prismatocarpus</i> (orchid)	do			1	N. J.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall:					
<i>Paspalum dilatatum</i> (Dallisgrass)	Costa Rica, Union of South Africa.			2	N. Y.
<i>Paspalum notatum</i> (bahiagrass)	Mexico			1	N. Y.
<i>Paspalum</i> sp.	Costa Rica, Cuba			2	N. Y.
<i>Coleosporium dahliae</i> Arth.:					
<i>Dahlia</i> sp.	Mexico	1		1	Tex.
<i>Colletotrichum cajani</i> Rangel:					
<i>Cicer arietinum</i> (gram chickpea)	Puerto Rico	1			N. Y.
<i>Colletotrichum miltoniae</i> Verpl.:					
<i>Epidendrum</i> sp. (orchid)	Costa Rica			1	Wash.
<i>Masdevallia</i> sp. (orchid)	do			1	Wash.
<i>Miltonia</i> sp. (orchid)	England			1	N. J.
<i>Colletotrichum stanhopeae</i> P. Henn.:					
<i>Stanhopea bucephalus</i> (orchid)	Mexico			2	Calif.*
<i>Cordana musae</i> (Zimm.) Hoehn.:					
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
<i>Coryneum rhododendri</i> Schw.:					
<i>Rhododendron</i> sp.	Canada			1	Wash.
<i>Cronartium conigenum</i> Hedge. & Hunt:					
<i>Pinus chihuahuana</i>	Mexico	1			Ariz.
<i>Cylindrocladium scoparium</i> Morg.:					
<i>Cattleya trianae</i> (orchid)	Colombia			1	P. R.
<i>Cytospora ambiens</i> Sacc.:					
<i>Salix</i> sp. (willow)	England	1			N. Y.
<i>Ulmus</i> sp. (elm)	do	2			N. Y., Pa.
<i>Dematium pullulans</i> D By.:					
<i>Cattleya</i> sp. (orchid)	Colombia, Venezuela			2	N. J.
<i>Diaporthe batatas</i> Harter & Field:					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Chile		2		Tex.
<i>Didymium difforme</i> (Pers.) Duby:					
<i>Cupressus</i> sp. (cypress)	Colombia	1			N. Y.
<i>Diplodia gossypina</i> Cke.:					
<i>Gossypium</i> sp. (cotton)	Mexico		1		Tex.
<i>Diplodia henriquessiana</i> Trav. & Spessa:					
<i>Cattleya</i> sp. (orchid)	Canal Zone			1	N. J.
<i>Diplodia paraphysaria</i> Sacc.:					
<i>Cattleya trianae</i> (orchid)	Colombia			1	P. R.
<i>Cattleya</i> sp.	do			1	Tex.
Orchid	Venezuela			2	P. R.
<i>Vanda caerulea</i> (orchid)	Thailand			1	Calif.*
<i>Diplodia suberina</i> Dur. & Mont.:					
<i>Quercus suber</i> (cork oak)	Portugal	1			N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Diploscapter coronata</i> (Cobb) Cobb: <i>Solanum tuberosum</i> (potato) -----	Argentina -----		1		Pa.
<i>Discosia artocreas</i> Fr.: <i>Rhododendron</i> sp. -----	England -----			1	Wash.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Colchicum autumnale otrorubrum</i> -----	do -----			1	N. J.
<i>Colchicum bornmuelleri</i> (bornmueller autumn-crocus). -----	do -----			1	N. J.
<i>Colchicum speciosum</i> (showy autumn- crocus). -----	do -----			2	N. J.
<i>Hyacinthus</i> sp. -----	do -----	1		1	N. Y.
<i>Narcissus</i> sp. -----	do -----			6	N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus limon</i> (lemon) -----	Argentina, Brazil -----		8		Md., N. Y., Tex.
<i>Citrus paradisi</i> (grapefruit) -----	Brazil -----		1		Md.
<i>Citrus reticulata</i> (tangerine) -----	Argentina, Brazil -----		3		Fla., La., N. Y.
<i>Citrus sinensis</i> (orange) -----	do -----	1	3		Md., Mass., N. Y.
<i>Citrus</i> sp. -----	Brazil -----		1		Mass.
<i>Exobasidium vaccinii</i> Fekl.: <i>Azalea</i> sp. -----	Japan -----		1		Wash.
<i>Exosporium palmivorum</i> Sacc.: Palm -----	Argentina -----		1		N. Y.
<i>Fusarium heterosporum</i> Nees: <i>Panicum mosambicensis</i> -----	Rhodesia -----			1	D. C.
<i>Paspalum dilatatum</i> (Dallisgrass) -----	Australia, India, Union of South Africa. -----			3	Md., N. Y.
<i>Paspalum notatum</i> (bahiagrass) -----	Mexico -----			1	N. Y.
<i>Paspalum</i> sp. -----	Australia -----			2	N. Y.
<i>Fusarium niveum</i> E. F. Sm.: <i>Cucumis sativus</i> (cucumber) -----	Mexico -----	1			Tex.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat) -----	Portugal -----		2		N. Y.
<i>Gloeosporium aleuriticum</i> Sacc.: <i>Aleurites moluccana</i> (Candlenut-tree) -----	Hawaii -----	1			Calif.*
<i>Gloeosporium oncidii</i> Oud.: <i>Oncidium sphacelatum</i> (orchid) -----	Costa Rica -----			1	Calif.*
<i>Gloeosporium pelargonii</i> Cke. & Mass.: <i>Pelargonium</i> sp. (geranium) -----	Bermuda -----			1	Ga.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron</i> sp. -----	England -----			1	Wash.
<i>Gloeosporium stanhopeae</i> Allesch.: <i>Stanhopea wardii</i> (orchid) -----	Costa Rica -----			1	Calif.*
<i>Helminthosporium avenae</i> Eidam: <i>Avena sativa</i> (oat) -----	Canada -----	1			Wash.
<i>Helminthosporium curvulum</i> Sacc.: <i>Capsicum annuum</i> (pepper) -----	Cuba -----	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato) -----	do -----		1		Pa.
<i>Helminthosporium torulosum</i> (Syd.) Ash- by: <i>Musa paradisiaca</i> (plantain) -----	do -----	13			N. Y.
<i>Heterosporium ornithogali</i> Klotzsch: <i>Allium porrum</i> (leek) -----	Japan -----		1		Calif.*
<i>Ornithogalum thyrsoides</i> (chinkeri- chee). -----	Union of South Africa -----	1			Mass.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc. (?): Palm -----	Cuba -----		1		Pa.
<i>Hormodendron olivaceum</i> Bon.: <i>Malus sylvestris</i> (apple) -----	Chile -----	1			N. Y.
<i>Hypoderma ilicinum</i> Duby: <i>Quercus</i> sp. (oak) -----	Costa Rica -----			1	Calif.*
<i>Leptothyrium acerinum</i> Cda.: <i>Acer</i> sp. (maple) -----	England -----			1	N. J.
<i>Lethum australiense</i> var. <i>typicum</i> Holmes: <i>Lycopersicon esculentum</i> (tomato) -----	Mexico -----	18			Ariz.
<i>Lophodermium juniperinum</i> (Fr.) DeNot.: <i>Juniperus</i> sp. (juniper) -----	Hungary -----	1			N. Y.
<i>Macrophoma oncidii</i> P. Henn.: <i>Cattleya</i> sp. (orchid) -----	Guatemala -----			1	P. R.
<i>Marsonia brunnea</i> (Ell. & Ev.) Sacc.: <i>Populus</i> sp. (cottonwood) -----	Mexico -----	1			Tex.
<i>Melampsora medusae</i> Thuem.: <i>Populus</i> sp. (cottonwood) -----	Chile, Mexico -----	2			N. Y., Tex.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Melanconium hysteriopsis</i> Pat.: <i>Heteropogon contortus</i> (tanglehead)-----	Straits Settlements-----	1			N. Y.
<i>Meliola citricola</i> Syd.: <i>Citrus sinensis</i> (orange)-----	Dominican Republic-----	1			P. R.
<i>Citrus</i> sp.-----	Jamaica-----		1		Wash.
<i>Monilia sitophila</i> (Mont.) Sacc.: <i>Lycopersicon esculentum</i> (tomato)-----	Mexico-----	1			Tex.
<i>Oidium euonymi-japonici</i> (Arcang.) Sacc.: <i>Euonymus japonicus</i> (evergreen eu- onymus).-----	do-----	1			Tex.
<i>Euonymus</i> sp.-----	Spain-----		1		N. Y.
<i>Penicillium gladioli</i> McCull. & Thom.: <i>Watsonia</i> sp. (buglelily)-----	Union of South Africa-----			1	N. J.
<i>Peronospora pisi</i> Syd.: <i>Pisum sativum</i> (pea)-----	Mexico, Portugal-----		3		N. Y., Tex.
<i>Peronospora trifoliorum</i> D By.: <i>Medicago sativa</i> (alfalfa)-----	Mexico-----	1			Tex.
<i>Pestalozzia monochaeta</i> Desm.: <i>Ulmus</i> sp. (elm)-----	England-----	1			Wash.
<i>Pestalozzia palmarum</i> Cke.: <i>Cocos nurifera</i> (coconut)-----	Tanganyika-----		1		N. Y.
<i>Phaeobulgaria inquinans</i> (Fr.) Seaver: <i>Castanea</i> sp. (chestnut)-----	England-----	1			N. Y.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon)-----	Australia (?), Transvaal-----		2		Ala., Mass.
<i>Citrus paradisi</i> (grapefruit)-----	Union of South Africa-----		1		Md.
<i>Citrus sinensis</i> (orange)-----	Australia, Union of South Africa.		8		Calif.*, Md., N. Y.
<i>Phoma insidiosa</i> Tassi: <i>Axonopus compressus</i> (carpet grass)-----	Australia-----			1	N. Y.
<i>Paspalum compressum</i> -----	do-----			1	N. Y.
<i>Sorghum vulgare caffrorum</i> (kafir)-----	Haiti-----	1			P. R.
<i>Phoma mali</i> Schultz & Sacc.: <i>Malus sylvestris</i> (apple)-----	Mexico-----	1			Tex.
<i>Phoma nebulosa</i> Mont.: <i>Pastinaca sativa</i> (parsnip)-----	Australia-----		1		N. Y.
<i>Phyllachora gratissima</i> Rehm.: <i>Persea americana</i> (avocado)-----	Mexico-----	2			Tex.
<i>Phyllosticta cucurbitacearum</i> Sacc.(?): <i>Cucumis sativus</i> (cucumber)-----	do-----	1			Tex.
<i>Phyllosticta digitalis</i> Bellynek: <i>Digitalis purpurea</i> (foxglove)-----	do-----	1			N. Y.
<i>Phyllosticta erythroxyli</i> Graziani: <i>Erythroxyton coca</i> (cocainetree)-----	Peru-----	1			N. Y.
<i>Phyllosticta maxima</i> Ell. & Ev.: <i>Rhododendron</i> sp.-----	Canada-----			1	Wash.
<i>Phyllosticta narcissi</i> Aderh.: <i>Narcissus</i> sp.-----	Bermuda-----			1	N. Y.
<i>Phyllosticta stanhopeae</i> Allesch.: <i>Stanhopea</i> sp. (orchid)-----	Peru-----			1	N. J.
<i>Physalospora camptospora</i> Sacc.: <i>Stanhopea bucephalus</i> (orchid)-----	Mexico-----			2	Calif.*
<i>Physalospora cattleyae</i> Maub. & Lasnier: <i>Cattleya</i> sp. (orchid)-----	England-----			1	Calif.*
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Malus sylvestris</i> (apple)-----	Australia-----		2		N. Y., Pa.
<i>Physalospora orchidearum</i> P. Henn.: Orchid-----	Colombia-----			1	Tex.
<i>Pleospora andropogonis</i> Niessl: <i>Heteropogon contortus</i> (tanglehead)-----	Straits Settlements-----	1			N. Y.
<i>Polyporus pinsitus</i> Fr.: <i>Guaiacum officinale</i> (lignumvitae)-----	Guatemala-----	1			Calif.*
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa)-----	Argentina-----		1		Pa.
<i>Puccinia aristidae</i> Tracy: <i>Spinacia oleracea</i> (spinach)-----	Mexico-----	2			Tex.
<i>Puccinia asparagi</i> DC.: <i>Asparagus</i> sp.-----	do-----	1			Tex.
<i>Puccinia helianthi</i> Schw.: <i>Helianthus</i> sp. (sunflower)-----	do-----	1			Tex.
<i>Puccinia heterospora</i> Berk. & Curt.: <i>Anoda</i> sp.-----	do-----	1			Tex.
<i>Puccinia nevadensis</i> Syd.: <i>Salvia lavandulaefolia</i> (sage)-----	Portugal, Spain-----	3			N. Y.
<i>Puccinia ornithogali-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (chinkerichee)-----	Union of South Africa-----	3			Mass., N. Y.

List of pests collected and reported from July 1, 1941, to June 30, 1942, inclusive—
Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Puccinia tageticola</i> Diet. & Holw.: <i>Tagetes florida</i> (marigold)	Mexico	13			Tex.
<i>Rotylenchus robustus</i> (deMan) Filip.: <i>Lactuca sativa</i> (lettuce)	Trinidad		1		N. Y.
<i>Sclerotinia bulborum</i> (Wakk.) Rehm.: <i>Hyacinthus</i> sp.	England			1	N. Y.
<i>Sclerotinia gladioli</i> Drayton: <i>Crocus</i> sp.	do			1	N. J.
<i>Septoria anthrisci</i> Pass. & Brun.: <i>Anthriscus cerefolium</i> (saladchervil)	Portugal	1			Pa.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Argentina		1		N. Y.
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation)	Brazil	1			N. Y.
<i>Septoria lactuce</i> Pass.: <i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Septoria musiva</i> Pk.: <i>Populus</i> sp. (cottonwood)	do	1			Tex.
<i>Sorosporium consanguineum</i> Ell. & Ev.: <i>Aristida obtusa</i>	Union of South Africa			1	D. C.
<i>Sphacelotheca cruenta</i> (Kuehn) Potter: <i>Sorghum vulgare technicum</i> (broom-corn).	Mexico	1			Tex.
<i>Sphacelotheca sorghicola</i> (Speg.) Zundel: <i>Sorghum vulgare technicum</i> (broom-corn).	Argentina	2	1		N. Y.
<i>Sporonema camelliae</i> Earle: <i>Camellia japonica</i> (camellia)	England			1	N. J.
<i>Stachylidium bicolor</i> Lk.: <i>Cattleya</i> sp. (orchid)	do			1	Calif.*
<i>Stachylidium theobromae</i> Turc.: <i>Musa paradisiaca</i> (plantain)	Cuba, Dominican Republic, Honduras.	20			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador, Guatemala, Haiti.	3			Md., N. Y.
<i>Tilletia foetens</i> (Berk. & Curt.) Trel.: <i>Triticum aestivum</i> (wheat)	Iran			1	D. C.
<i>Tilletia horrida</i> Tak.: <i>Oryza sativa</i> (rice)	India		1		N. Y.
<i>Tilletia rugispora</i> Ell.: <i>Paspalum plicatulum</i> (brownseed paspalum).	Mexico	1			N. Y.
<i>Tilletia tritici</i> (Bjerk.) Wint.: <i>Triticum aestivum</i> (wheat)	do	1			Ariz.
<i>Tritirachium dependens</i> Limber: <i>Pueraria thunbergiana</i> (kudzu)	China	1			N. Y.
<i>Tubercularia vulgaris</i> Tode: <i>Citrus sinensis</i> (orange)	Mexico		1		Pa.
<i>Uredo behnickiana</i> P. Henn.: <i>Fagus</i> sp. (beech)	England	1			Pa.
<i>Uredo epidendri</i> P. Henn.: Orchid	Costa Rica			1	Calif.*
<i>Uredo erythrozylonis</i> Grazioni: <i>Erythrozylon coca</i> (cocaine-tree)	Guatemala			1	N. J.
<i>Uredo guacae</i> Mayor: <i>Batemannia</i> sp. (orchid)	Brazil			1	N. J.
<i>Epidendrum umbellatum</i> (orchid)	Cuba			1	N. J.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum</i> sp. (autumn-crocus)	Peru	2			N. Y.
<i>Uromyces striatus medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa)	Costa Rica			1	N. J.
<i>Ustilago rabenhorstiana</i> Kuehn: <i>Digitaria sanguinalis</i> (hairy crabgrass).	Salvador			1	Calif.*
<i>Venturia rhododendri</i> Tengwall: <i>Rhododendron</i> sp.	England			3	N. J.
<i>Vermicularia gayana</i> Del.: <i>Cattleya dowiana</i> (orchid)	Argentina, Mexico, Peru.	5	2		N. Y., Tex.
Orchid	Uruguay			1	Wash.
	Canada			1	Wash.
	Costa Rica			2	Calif.*
	Costa Rica, Mexico			2	N. J., Wash.

Hosts and diseases

- ACER:**
Leptothyrium acerinum (Deuteromycetes)
- ALEURITES:**
Gloeosporium aleuriticum (Deuteromycetes)
- ALLIUM PORRUM:**
Heterosporium ornithogali (Deuteromycetes)
- ALLIUM SATIVUM:**
Botrytis squamosa (Deuteromycetes)
- ANODA:**
Puccinia heterospora (Promycetes)
- ANTHRISCUS:**
Septoria anthrisci (Deuteromycetes)
- ARISTIDA:**
Sorosporium consanguineum (Promycetes)
- ASPARAGUS:**
Puccinia asparagi (Promycetes)
- AVENA:**
Helminthosporium avenae (Deuteromycetes)
- AXONOPUS:**
Phoma insidiosa (Deuteromycetes)
- AZALEA:**
Exobasidium vaccinii (Basidiomycetes)
- BATEMANNIA**—See Orchidaceae
- CAMELLIA:**
Sporonema camelliae (Deuteromycetes)
- CAPSICUM:**
Alternaria fasciculata (Deuteromycetes)
Helminthosporium curvulum (Deuteromycetes)
- CASTANEA:**
Phaeobulgaria inquinans (Ascomycetes)
- CATTLEYA**—See Orchidaceae
- CELOSIA:**
Cercospora celosiae (Deuteromycetes)
- CHENOPODIUM:**
Albugo bliti (Phycomycetes)
- CICER:**
Colletotrichum cajani (Deuteromycetes)
- CITRUS AURANTIFOLIA:**
Bacterium citri (Schizomycetes)
- CITRUS LIMON:**
Alternaria citri (Deuteromycetes)
Bacterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
- CITRUS PARADISI:**
Elsinoe australis (?) (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
- CITRUS SINENSIS:**
Bacterium citri (Schizomycetes)
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Tubercularia vulgaris (Deuteromycetes)
- CITRUS SP.:**
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
- COCOS:**
Pestalozzia palmarum (Deuteromycetes)
- COLCHICUM:**
Ditylenchus dipsaci (Nematoda)
Urocystis colchici (Promycetes)
- CROCUS:**
Sclerotinia gladioli (Ascomycetes)
- CUCUMIS:**
Alternaria brassicae microspora (Deuteromycetes)
Bacterium lachrymans (Schizomycetes)
Fusarium niveum (Deuteromycetes)
Phyllosticta cucurbitacearum (?) (Deuteromycetes)
- CUPRESSUS:**
Didymium difforme (Myxomycetes)
- DAHLIA:**
Coleosporium dahliae (Promycetes)
- DIANTHUS:**
Septoria dianthi (Deuteromycetes)
- DIGITALIS:**
Phyllosticta digitalis (Deuteromycetes)
- DIGITARIA:**
Ustilago rabenhorstiana (Promycetes)
- EPIDENDRUM**—See Orchidaceae
- ERIBOTRYA:**
Fusicladium eribotryae (Deuteromycetes)
- ERYTHROXYLON:**
Phyllosticta erythroxyli (Deuteromycetes)
Uredo erythroxylois (Promycetes)
- EUONYMUS:**
Oidium euonymi-japonici (Deuteromycetes)
- FAGUS:**
Tubercularia vulgaris (Deuteromycetes)
- GOSSYPIUM:**
Cercospora althaeina (Deuteromycetes)
Diplodia gossypina (Deuteromycetes)
- GUAIAACUM:**
Polyporus pinsitus (Basidiomycetes)
- HELIANTHUS:**
Puccinia helianthi (Promycetes)
- HETEROPOGON:**
Balansia sclerotica (Ascomycetes)
Melanconium hysteriopsis (Deuteromycetes)
Pleospora andropogonis (Ascomycetes)
- HYACINTHUS:**
Ditylenchus dipsaci (Nematoda)
Sclerotinia bulborum (Ascomycetes)
- IPOMOEA:**
Diaporthe batatatis (Ascomycetes)
- JUNIPERUS:**
Lophodermium juniperinum (Ascomycetes)
- LACTUCA:**
Pctylenchus robustus (Nematoda)
Septoria lactucae (Deuteromycetes)
- LYCOPERSICON:**
Bacterium punctilans (Schizomycetes)
Helminthosporium curvulum (Deuteromycetes)
Lethum australiense typicum (Virus)
Monilia sitophila (Deuteromycetes)
- MALUS:**
Hormodendron olivaceum (Deuteromycetes)
Phoma mali (Deuteromycetes)
Physalospora obtusa (Ascomycetes)
- MASDEVALLIA**—See Orchidaceae
- MEDICAGO:**
Ascochyta imperfecta (Deuteromycetes)
Peronospora trifoliorum (Phycomycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus medicaginis (Promycetes)
- MILTONIA**—See Orchidaceae
- MUSA PARADISIACA:**
Cercospora musae (Deuteromycetes)
Helminthosporium torulosum (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Chlamydomyces palmarum (Deuteromycetes)
Cordana musae (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
- NARCISSUS:**
Botrytis narcissicola (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
Phyllosticta narcissi (Deuteromycetes)
- ODONTOGLOSSUM**—See Orchidaceae
- ONCIDIUM**—See Orchidaceae
- ORNITHOGALUM:**
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)
- ORYZA:**
Tilletia horrida (Promycetes)
- ORCHIDACEAE:**
Cercospora angreci (Deuteromycetes)
Cladosporium orchidearum (Deuteromycetes)
Colletotrichum miltoniae (Deuteromycetes)
Colletotrichum stanhopeae (Deuteromycetes)
Cylindrocladium scoparium (Deuteromycetes)
Dematium pullulans (Deuteromycetes)
Diplodia henriquessiana (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium oncidii (Deuteromycetes)
Gloeosporium stanhopeae (Deuteromycetes)
Macrophoma oncidii (Deuteromycetes)
Phyllosticta stanhopeae (Deuteromycetes)
Physalospora camptospora (Ascomycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Stachylidium bicolor (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
Vermicularia geayana (Deuteromycetes)
Verticilliodochium tubercularioides (Deuteromycetes)
- PALM:**
Exosporium palmivorum (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)

Hosts and diseases—Continued

PANICUM:

- Cerebella andropogonis* (Deuteromycetes)
Fusarium heterosporum (Deuteromycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)
Claviceps paspali (Ascomycetes)
Fusarium heterosporum (Deuteromycetes)
Phoma insidiosa (Deuteromycetes)
Tilletia rugispora (Promycetes)

PASTINACA:

- Aphelenchoides limberi* (Nematoda)
Phoma nebulosa (Deuteromycetes)

PELARGONIUM:

- Gloeosporium pelargonii* (Deuteromycetes)

PERSEA:

- Asterina delitescens* (Ascomycetes)
Botryosphaeria ribis (Ascomycetes)
Phyllachora gratissima (Ascomycetes)

PINUS:

- Cronartium conigenum* (Promycetes)

PISUM:

- Peronospora pisi* (Phycomycetes)

POPULUS:

- Marsonia brunnea* (Deuteromycetes)
Melampsora medusae (Promycetes)
Septoria musiva (Deuteromycetes)

PUERARIA:

- Tritirachium dependens* (Deuteromycetes)

QUERCUS:

- Diplodia suberina* (Deuteromycetes)
Hypoderma ilicinum (Ascomycetes)

RHODODENDRON:

- Cercospora rhododendri* (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Coryneum rhododendri (Deuteromycetes)
Discosia artocreas (Deuteromycetes)
Gloeosporium rhododendri (Deuteromycetes)

RHODODENDRON—Continued.

- Phyllosticta maxima* (Deuteromycetes)
Venturia rhododendri (Ascomycetes)

RICINUS:

- Cercospora ricinella* (Deuteromycetes)

SALIX:

- Cytospora ambiens* (Deuteromycetes)

SALVIA:

- Puccinia nevadensis* (Promycetes)

SOBRALIA—See Orchidaceae

SOLANUM TUBEROSUM:

- Diploscapter coronata* (Nematoda)

SORGHUM VULGARE CAFFRORUM:

- Phoma insidiosa* (Deuteromycetes)

SORGHUM VULGARE TECHNICUM:

- Sphacelotheca cruenta* (Promycetes)
Sphacelotheca sorghicola (Promycetes)

SPINACIA:

- Puccinia aristidae* (Promycetes)

STANHOPEA—See Orchidaceae

TAGETES:

- Puccinia tagetica* (Promycetes)

TRITICUM:

- Tilletia foetens* (Promycetes)
Tilletia tritici (Promycetes)

ULMUS:

- Ceratostomella ulmi* (Ascomycetes)
Cytospora ambiens (Deuteromycetes)
Pestolozzia monochaeta (Deuteromycetes)

VANDA—See Orchidaceae

VIOLA:

- Alternaria tenuis* (Deuteromycetes)

WATSONIA:

- Penicillium gladioli* (Deuteromycetes)

ZANTEDESCHIA:

- Cercospora richardiaecola* (Deuteromycetes)

Country of origin and diseases

AMERICAN VIRGIN ISLANDS:

- Cercospora musae*

ARGENTINA:

- Diploscapter coronata*
Elsinoe australis
Exosporium palmivorum
Pseudopeziza medicaginis
Septoria citri
Sphacelotheca sorghicola
Uromyces striatus medicaginis

AUSTRALIA:

- Cerebella andropogonis*
Fusarium heterosporum
Phoma citricarpa
Phoma insidiosa
Phoma nebulosa
Physalospora obtusa

BERMUDA:

- Gloeosporium pelargonii*
Phyllosticta narcissi

BRAZIL:

- Alternaria fasciculata*
Diaporthe batatatis
Elsinoe australis
Septoria dianthi
Uredo behnickiana

CANADA:

- Botrytis narcissicola*
Cercospora rhododendri
Coryneum rhododendri
Helminthosporium avenae
Phyllosticta maxima
Venturia rhododendri

CANAL ZONE:

- Diplodia henriquessiana*

CEYLON:

- Bacterium citri*

CHILE:

- Alternaria brassicae microspora*
Botrytis squamosa
Diaporthe batatatis
Hormodendron olivaceum
Melampsora medusae

CHINA:

- Tritirachium dependens*

COLOMBIA:

- Cylindrocladium scoparium*
Dematium pullulans
Didymium difforme
Diplodia paraphysaria
Physalospora orchidearum

COSTA RICA:

- Cercospora musae*
Claviceps paspali
Colletotrichum miltoniae
Gloeosporium oncidii
Gloeosporium stanhopeae
Hypoderma ilicinum
Uredo behnickiana
Uredo guacae
Vermicularia geayana
Verticilliodochium tubercularioides

CUBA:

- Cercospora musae*
Claviceps paspali
Helminthosporium curvulum
Helminthosporium torulosum
Hormodendron cladosporioides
Stachylidium theobromae
Uredo epidendri

DOMINICAN REPUBLIC

- Cercospora musae*
Meliola citricola
Stachylidium theobromae

ECUADOR:

- Stachylidium theobromae*

ENGLAND

- Alternaria tenuis*
Aphelenchoides limberi
Botrytis narcissicola
Ceratostomella ulmi
Cercospora angreci
Chrysomyxa rhododendri
Cladosporium orchidearum
Colletotrichum miltoniae
Cytospora ambiens
Discosia artocreas
Ditylenchus dipsaci
Gloeosporium rhododendri
Leptothyrium acerinum

Country of origin and diseases—Continued

ENGLAND—Continued.

Pestalozzia monochaeta
Phaeobulgaria inquinans
Physalospora cattleyae
Sclerotinia bulborum
Sclerotinia gladioli
Sporonema camelliae
Stachylidium bicolor
Tubercularia vulgaris
Urocystis colchici

GUATEMALA:

Cercospora musae
Cercospora richardiaecola
Macrophoma oncidii
Polyporus pinsitus
Stachylidium theobromae
Uredo behnickiana

HAITI:

Cercospora musae
Phoma insidiosa
Stachylidium theobromae

HAWAII:

Gloeosporium aleuriticum

HONDURAS:

Cercospora musae
Stachylidium theobromae

HUNGARY:

Lophodermium juniperinum

INDIA:

Fusarium heterosporum
Tilletia horrida

IRAN:

Tilletia foetens

IRELAND:

Botrytis narcissicola

JAMAICA:

Cercospora musae
Meliola citricola

JAPAN:

Exobasidium vaccinii
Heterosporium ornithogali

JAVA:

Bacterium citri

MEXICO:

Albugo bliti
Asterina delitescens
Bacterium lachrymans
Bacterium punctilans
Botryosphaeria ribis
Cercospora althaeina
Cercospora angreci
Cercospora celosiae
Cercospora musae
Cercospora richardiaecola
Cercospora ricinella
Claviceps paspali
Coleosporium dahliae
Colletotricum stanhopeae
Cronartium conigenum
Diplodia gossypina
Fusarium heterosporum
Fusarium niveum
Lethum gustraliense typicum
Marsonia brunnea
Melampsora medusae
Monilia sitophila
Oidium euonymi-japonici
Peronospora pisi
Peronospora trifoliorum
Phoma mali
Phyllachora gratissima
Phyllosticta cucurbitacearum (?)
Phyllosticta digitalis
Physalospora camptospora

MEXICO—Continued.

Puccinia aristidae
Puccinia asparagi
*Puccinia helianthi*¹
Puccinia heterospora
Puccinia tageticola
Septoria lactucae
Septoria musiva
Sphacelotheca cruenta
Tilletia rugispora
Tilletia tritici
Tubercularia vulgaris
Uromyces striatus medicaginis
Vermicularia geayana

NEW ZEALAND:

Ascochyta imperfecta

PANAMA:

Cercospora musae
Chlamydomyces palmarum
Cordana musae

PERU:

Phyllosticta erythroxyli
Phyllosticta stanhopeae
Uredo erythroxylois
Uromyces striatus medicaginis

PHILIPPINES:

Bacterium citri

PORTUGAL:

Diplodia suberina
Fusicladium eriobotryae
Peronospora pisi
Puccinia nevadensis
Septoria anthrisci

PUERTO RICO:

Cercospora musae
Colletotrichum canja

RHODESIA:

Cerebella andropogonis
Fusarium heterosporum

SALVADOR:

Uredo guacae

SPAIN:

Oidium euonymi-japonici
Puccinia nevadensis

STRAITS SETTLEMENTS:

Balansia sclerotica
Melanconium hysteriopsis
Pleospora andropogonis

TANGANYIKA:

Pestalozzia palmarum

THAILAND:

Diplodia paraphysaria

TRANSVAAL:

Phoma citricarpa

TRINIDAD:

Rotylenchus robustus

UNION OF SOUTH AFRICA:

Alternaria citri
Claviceps paspali
Fusarium heterosporum
Heterosporium ornithogali
Penicillium gladioli
Phoma citricarpa
Physalospora obtusa
Puccinia ornithogali-thyrsoides
Sorosporium consanguineum

UNKNOWN:

Bacterium citri

URUGUAY:

Ustilago rabenhorstiana

VENEZUELA:

Cercospora musae
Dematium pullulans
Diplodia paraphysaria

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