

## 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 (*Ceratitil 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 (*Euscepes 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. hederæ* (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), *Ephesia cautella* (6-19), *Eliella 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 adonidum* (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 oryza* (7-26), *Sitotroga cerealella* (5-11), *Stegobium paniceum* (8-15), *Tenebroides mauritanicus* (2-10), *Thrips tabaci* (10-38), *Tribolium castaneum* (9-16), *Typhaca 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. tubericola* (12-24), *Elsinoe fauvecettii* (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), *Sphaeloma perseae* (6-267), *Sphaelotheca sorghi* (1-10), *Sphaerotheca pannosa* (3-10), *Spondylocidium atrovirens* (10-19), *Spongospora subterranea* (4-11), *Uromyces phaseolus 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 *suaavis* (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* (Mösch.) (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 *puteonum* 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 lignunvitaie 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 "Cancerosis-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 *Catleya* 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 Caribbean 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
<b>Africa:</b>	<i>Number</i>	<i>Number</i>	<b>North America—Continued</b>	<i>Number</i>	<i>Number</i>
Algeria	3	0	Mexico	3,350	147
Belgian Congo	1	0	West Indies	1	0
Gold Coast	2	0	American Virgin Islands	2	1
Morocco (French)	1	0	Antigua	2	0
Rhodesia	0	2	Bahamas	8	0
Tanganyika	0	1	Barbados	2	0
Transvaal	0	1	British West Indies	1	0
Union of South Africa	14	17	Cuba	195	41
<b>Asia:</b>			Dominica	1	0
China	7	1	Dominican Republic	14	4
Cyprus	4	0	Dutch West Indies	10	0
French Indo-China	1	0	Guadeloupe	1	0
India	22	2	Haiti	2	34
Iran	4	1	Jamaica	2	4
Japan	16	2	Martinique	7	0
Malaya (British)	11	0	Nevis	1	0
Palestine	4	0	Puerto Rico	27	3
Straits Settlements	3	3	St. Lucia	5	0
Thailand	5	1	St. Vincent	1	0
<b>Australasia:</b>			Trinidad	48	1
Australia	4	14	Virgin Islands	2	0
Ceylon	0	1	<b>South America:</b>		
Dutch East Indies	8	0	Argentina	18	12
Hawaii	86	1	Brazil	65	17
Java	5	2	British Guiana	4	0
New Zealand	0	1	Chile	2	9
Philippines	37	2	Colombia	76	6
Sumatra	4	0	Dutch Guiana	5	0
Tahiti	1	0	Ecuador	2	1
<b>Europe:</b>			Peru	31	5
England	112	47	Uruguay	0	1
Hungary	0	1	Venezuela	88	4
Ireland	1	3	<b>Total:</b>		
Portugal	8	7	Africa	21	21
Scotland	4	0	Asia	77	10
Spain	2	3	Australasia	145	21
Union of Soviet Socialist Republics	1	0	Europe	128	61
<b>North America:</b>			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	<b>Total</b>	<b>10,560</b>	<b>498</b>
Nova Scotia	6	0			
<b>Central America:</b>			<b>Total (common pests, p. 2)</b>	<b>21,966</b>	<b>12,428</b>
British Honduras	2	0	<b>Total (incompletely determined pests, p. 3)</b>	<b>5,833</b>	<b>6,343</b>
Canal Zone	35	1	Entomogenous fungi		27
Costa Rica	38	22	Total insects	38,359	
Guatemala	50	31	Total diseases		19,296
Honduras	11	28	<b>Grand total</b>		<b>57,655</b>
Nicaragua	2	0			
Panama	13	3			
Salvador	3	1			
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—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acalypta mera</i> Drake (Tingitidae):					
<i>Sarifraga camposi</i> (campos saxifrage)...	Canada			1	Calif.*
<i>Sempervivum</i> sp.....	do			1	Wash.
<i>Acanthoderes circumflexa</i> Duv. (Ceramby- cidae):					
<i>Tabebuia donnell-smithii</i> (primavera)	Canal Zone	1			N. Y.
<i>Acanthoscelides alticola</i> (Sharp) (Bruchi- dae):					
<i>Cassia occidentalis</i> (coffee senna).....	do	1			N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
<i>Ceratonia süigua</i> (carob).....	Peru	3			Ill., La.
<i>Prosopis</i> sp. (mesquite).....	Dutch East Indies, Peru.	2			La.
<i>Acanthoscelides dominicanus</i> (Jekel) (Bru- chidae):					
<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, Mex- ico, Salvador, Venez- uela.	47		4	Fla.*, La., N. J., N. Y., Tex.
<i>Caesalpinia</i> sp.....	Mexico	1			N. Y.
<i>Acanthoscelides flexicaulis</i> (Schffr.) (Bru- chidae):					
<i>Pithecellobium flexicaule</i> (ebony).....	do	7	4	1	Tex.
<i>Acanthoscelides julianus</i> (Horn) (Bruchi- dae):					
<i>Pithecellobium</i> sp.....	do			1	Tex.
<i>Acanthoscelides limbatus</i> (Horn) (Bruchi- dae):					
<i>Pithecellobium dulce</i> (guamachil apes- earring).	Hawaii			1	Calif.*
<i>Acanthoscelides pruininus</i> (Horn) (Bruchi- dae):					
<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 (Bu- prestidae):					
<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> Busek (Acrolophidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia			1	N. J.
<i>Acrosternum stitica</i> (Dall.) (Pentatomi- dae):					
<i>Gardenia jasminoides</i> (Cape-jasmine)...	Mexico	1			Tex.
<i>Adranethrips tibialis</i> (Hood) (Phlaeothri- pidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Cuba	1			Fla.*
<i>Aeolus pulchellus</i> Cand. (Elatерidae):					
<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 retusa</i> (Wlk.) (Phalaenidae):					
<i>Zea mays</i> (corn).....	do	1			Ariz.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodi- dae):					
<i>Citrus</i> sp.....	Cuba		1		Fla.*
<i>Aleuroplatus coccolus</i> Q. & B. (Aleyrodi- dae):					
<i>Aechmea angusta</i> .....	Guatemala			1	Calif.*
<i>Aleuroplatus myricae</i> Q. & B. (Aleyrodi- dae):					
<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 interceptions 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) (Bostrich- idae):					
<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. (Thrip- idae):					
<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.) (Thrip- idae):					
<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 mombinpraepoptans</i> Sein (Tephri- tidae):					
<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>Mamea 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) (Tephri- tidae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	4			N. Y.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Andricus championi</i> Ashmead (Cynipi- dae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Tex.
<i>Andricus mexicanus</i> Kinsey (Cynipidae):					
<i>Quercus macrophylla</i>	Mexico	1			Ariz.
<i>Anuraphis apifolia</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 belle</i> (betel pepper)	do	1			Calif.*
<i>Argyrotoxa conwayana</i> (F.) (Tortrici- dae):					
<i>Frazinus excelsior</i> (European ash)	England			1	N. J.
<i>Arvelius albopunctatus</i> (Deg.) (Pentato- midae):					
<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, Pan- ama.	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 al- mond)	do	1			Fla.*
<i>Aspidiotus difinis</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.) (Cocci- dae):					
Bamboo	Costa Rica, Cuba	1	1	1	Fla., N. J.
<i>Bambusa vulgaris</i> (bamboo)	Guatemala			1	D. C.
<i>Asterolecanium epidendri</i> (Bouche) (Coc- cidae):					
<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.) (Cocci- dae):					
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 comosus</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 honey- locust).....	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 (Lyon- etiidae): <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. Ga., N. Y.
<i>Cicer arietinum</i> (chickpea).....	India.....	1	1		Ga.
<i>Phaseolus aureus</i> (mung bean).....	Philippines.....		1		
<i>Callosobruchus maculatus</i> (F.) (Bruchi- dae): <i>Cicer arietinum</i> (chickpea).....	Mexico.....	2			Ariz. Ga.
<i>Phaseolus aureus</i> (mung bean).....	Philippines.....		2		Wash.
<i>Phaseolus mungo radiatus</i> .....	China.....	1			Ariz.
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			D. C.
<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. (Bruchi- dae): <i>Voandzeia subterranea</i> (congo goober).....	Algeria.....			1	D. C.
<i>Calydon submetallicum</i> Blanch. (Ceram- bycidae): 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.) (Cicadelli- dae): <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. Calif.*
<i>Cassia nodosa</i> (jointwood senna).....	Hawaii.....			1	Mass., Pa.
<i>Tamarindus indica</i> (tamarind).....	British Guiana, Nevis.....	4			
<i>Caryobruchus buscki</i> (Bridwell) (Bruchi- dae): <i>Scheelea zonensis</i> .....	Canal Zone.....			1	Calif.*
<i>Caulophilus latinasus</i> (Say) (Curculioni- dae): <i>Persea americana</i> (avocado).....	Mexico.....	5			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	1			Tex.
<i>Ceratitjs 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		Calif.*
<i>Persea americana</i> (avocado).....	do.....	1			Calif.*
<i>Psidium guajava</i> (guava).....	do.....	1			Calif.*
<i>Ceratocapsus cubensis</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. (Cur- culionidae):					
<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. (Cur- culionidae):					
<i>Brassica oleracea capitata</i> (cabbage) .....	England .....		3		Ala., Md.
<i>Chaetococcus bambusae</i> (Mask.) (Cocci- dae):					
Bamboo .....	Hawaii .....			1	Calif.*
<i>Chapuisia mexicana</i> Duges (Platypodi- dae):					
<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>Parosma betulina</i> .....	Union of South Africa .....	1			N. Y.
<i>Chionaspis yanonensis</i> (Kuw.) (Cocci- dae):					
<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> (Coimst.) (Coc- cidae):					
<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 sphaecelatum</i> (orchid) .....	Guatemala .....			1	Calif.*
<i>Cinara tujaefilina</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>Astrocarpum</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, Pana- ma, Puerto Rico, Ven- ezuela .....	15	7		Calif.*, Fla., N. Y.
<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.) (Penta- tomidae):					
<i>Bougainvillea</i> sp. ....	Brazil .....			1	Calif.*
<i>Conchaspis angraci</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 integr</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>Coreyra 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 angustifasciata</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>Crociosema 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>Cryptomorpha 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 turcippennis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> .....	Java.....		1		La.
<i>Cylindrocopturus biradiatus</i> Champ. (Curculionidae):					
Cactus.....	Mexico.....	1			Tex.
<i>Cymus rirescens</i> (F.) (Lygaeidae):					
<i>Panicum</i> sp.....	Dutch West Indies.....	1			N. Y.
<i>Cyrtopeltis rarians</i> (Dist.) (Miridae):					
<i>Brassica chinensis</i> (white greens).....	Cuba.....	2			N. Y.
Miscellaneous flowers.....	Mexico.....	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>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>Delcyala lecontei</i> (Cr.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyro- didae):					
<i>Rhododendron</i> sp.....	England.....			2	N. J., Wash.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyro- didae):					
<i>Tabernaemontana</i> sp.....	Tahiti.....			1	Calif.*
<i>Diaspis coccis</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. (Bostrich- idae):					
<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.) (Curculi- onidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Diphautaca cordobae</i> Barber (Chrysome- lidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Disonycha antennata</i> Jac. (Chrysome- lidae):					
<i>Ananas comosus</i> .....	do.....	1			Tex.
<i>Disonycha argentinensis</i> Jac. (Chrysome- lidae):					
<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. (Curculi- onidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Populus</i> sp. (cottonwood).....	do.....		1		Ariz.
<i>Draeculacephala minerva</i> Ball (Cicadel- lidae):					
<i>Medicago sativa</i> (alfalfa).....	do.....	1			Tex.
Miscellaneous flowers.....	do.....	1			Ariz.
<i>Rorippa nasturtium aquaticum</i> (water- cress).....	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>Dynatopchus aureopilosus</i> Fairm. (Curcu- lionidae):					
<i>Adenanthera pavonina</i> (sandal bead- tree).....	Japan.....			1	Hawaii.*
<i>Mucuna</i> sp.....	Hawaii.....	2			Calif.*
<i>Dysdercus mimulus</i> Huss. (Pyrrhoco- ridae):					
<i>Lagerstroemia</i> sp. (crapemyrtle).....	Mexico.....	1			Tex.

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<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>Epiriz 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 stultosa</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 paradisica</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>Eurycypitia 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>Euscapes 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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<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>Erictianus obscurinervis</i> (Stal) (Cicadellidae):					
<i>Portulaca oleracea</i> (purslane)	do	1			Ariz.
<i>Exptochiamera tumens</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			2	N. J.
<i>Falconia cadauca</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.	Babamas		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 bifurmis</i> (Ckll.) (Coccidae):					
<i>Brassarola</i> sp. (orchid)	Canal Zone			2	N. J.
<i>Cattleya dowriana</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 laternella</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> (chinkeriechee)	Union of South Africa	2			N. Y.
<i>Heilipus trifasciatus</i> (F.) (Curculionidae):					
<i>Persea carota</i> (Queen-Annes-lace)	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 subfusa</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>Heraeus guttatus</i> (Dall.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Hercinotherpis femoralis</i> (Reut.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid)	England			3	Hawaii*, N. J.
<i>Heterostrotrichus 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>Astroemeria</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>Homophoea 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.) (Coreiidae): <i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Hypselonotus interruptus</i> Hahn (Corei- dae): <i>Saponaria</i> sp.	Brazil	1			N. Y.
<i>Hyppsiyla grandella</i> (Zell.) (Phycitidae): <i>Swietenia mahogani</i> (mahogany)	Guatemala	2			N. Y.
<i>Hyppoprora nogolata</i> Ball (Membracidae): <i>Gardenia jasminoides</i> (Cape-jasmine)	Mexico	1			Ariz.
<i>Keiferia lycopersicella</i> (Busck) (Gelechi- idae): <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 frazini</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>Leptoharsa distantis</i> Drake (Tingitidae): <i>Ficus carica</i> (fig.)	Guatemala	1			Tex.
<i>Leptophobia aripa</i> (Fdv.) (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> (deCharms.) (Cocci- dae): <i>Dendrobium thyrsiflorum</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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<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<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 cyaneus</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 (Pyraustidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	1			Ariz.
<i>Lirionyma flavola</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>Gladiolus</i> sp.....	Canada.....			1	N. J.
<i>Juglans</i> sp. (walnut).....	Australia.....	1			Va.
<i>Lorita abornana chatka</i> Busck (Phalonidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	83			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Ariz.
<i>Lycotoxylon japonum</i> Reitt. (Lyctidae):					
Bamboo.....	Dutch East Indies, Java.....		3		La., Tex.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Sucietenia mahogany</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 mericanus</i> Bts. (Scarabaeidae):					
<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, Hawaii, 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 bouringiana</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.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Metamasius sericeus</i> (Latr.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Panama.....	1			Calif.*
<i>Metriciona profligata</i> (Boh.) (Chrysomelidae):					
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>Monanthes monotropidia</i> Stal (Tingitidae):					
<i>Tillandsia</i> sp. (orchid)	Mexico			1	Tex.
<i>Monilema 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 siliqua</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> (lignum vitae)	Nicaragua	1			Calif.*
<i>Nemopogon 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> Chev. (Cerambycidae):					
<i>Guaiacum officinale</i> (lignum vitae)	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 sezlinaea</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- cullionidae): <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- cullionidae): <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 pseudaspidiotus</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- wail.*
<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) (Chrysomeli- dae):					
<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>Phenacopsis 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 (Chrys- omelidae):					
<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 peticollis</i> Boh. (Chrysomeli- idae):					
Bromeliaceae	Guatemala			1	Calif.*
<i>Pilophoropsis brachypterus</i> Popp. (Miri- dae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Pinnaspis minor strachani</i> Cooley (Coc- cidae):					
<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 lawrenceiae</i>	Philippines			1	Hawaii.*
<i>Aerides odoratum</i>	Thailand			1	Hawaii.*
<i>Aerides quinquerulnara</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			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 rozburghii</i>	Thailand			1	Hawaii.*
<i>Pionea forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		3		N. Y.
<i>Pityophthorus schwarzi</i> Blackm. (Scoly- tidae):					
<i>Pinus</i> sp. (pine)	Mexico	1			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Ceramby- cidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Platynta 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>Platymota 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. (Coccinel- lidae):					
<i>Zingiber officinale</i> (ginger)	Hawaii	1			Calif.*
<i>Platypus alternans</i> Chapuis (Platypodi- dae):					
<i>Cedrus</i> sp. (cedar)	Costa Rica	1			N. Y.

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<i>Platypus ezaratus</i> Blf. (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 mahogany</i> (mahogany)	Costa Rica, Mexico	2			N. Y.
<i>Tabebuia donnell-smithii</i> (primavera)	Canal Zone, Guatemala, Mexico, Panama, Mexico	4			N. Y.
Wood <i>Polymerus basalis</i> (Reut.) (Miridae): <i>Chrysanthemum</i> sp.	do	1	1		Tex.
<i>Prays endocarpa</i> (Meyr.) (Hyponomeuti- dae): <i>Citrus aurantifolia</i> (lime)	Philippines	1			Calif.*
<i>Citrus limon</i> (lemon)	Dutch East Indies		1		Calif.*
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coc- cidae): <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>Pseudoaonidia 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>Pseudoaonidia tesserata</i> (deCharn.) (Coc- cidae): <i>Hibiscus</i> sp.	Hawaii			6	Calif.*
<i>Pseudoaonidia trilobitiformis</i> (Green) (Coc- cidae): <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.) (Cocci- dae): <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>Ptelobius 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 <i>Rhagoletis pomonella</i> (Walsh) (Tephriti- dae): <i>Malus sylvestris</i> (apple)	do			4	Tex.
<i>Rhigopsidius tucumanus</i> Heller (?) (Cur- culionidae): <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. (Glyphiptery- gidae): <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—
		Con- sump- tion	Non- non- propa- gation	Propa- gation	
<i>Rhopalothrips bicolor</i> Hood (Thripidae): Cactus.....	Mexico.....	1			Tex.
<i>Ribua innozia</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), Phil- ippines.....	6			N. Y.
Wood.....	India.....	3	1		Mich., N. Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae): Wood.....	do.....		1		N. Y.
<i>Sinoxylon sezdentatum</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 (Bruchi- dae): <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 coronatum</i> (crown- daisy).....	do.....	1			N. Y.
<i>Tadius erirhinoides</i> Pascoe (Curculionidae): <i>Cypripedium haynaldianum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae): <i>Bougainvillea</i> sp.....	Hawaii.....	2			Calif.*
<i>Taeniothrips 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 sezmaculatus</i> Boh. (Bren- tidae): <i>Swietenia mahogani</i> (mahogany).....	Costa Rica.....	1			N. Y.

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>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, Jama- 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)..... <i>Cattleya</i> sp. (orchid).....	Venezuela..... Brazil, Canal Zone, Co- lombia, Costa Rica, Venezuela.			2 30	Calif.*, P. R. Calif.*, N. J.
<i>Epidendrum</i> sp. (orchid)..... <i>Laelia</i> sp. (orchid)..... <i>Oncidium</i> sp. (orchid)..... Orchid.....	Brazil..... do..... Trinidad..... Colombia, Mexico, Ven- ezuela.			1 1 1 6	N. J. N. J. N. J. N. J., Tex.
<i>Tesserocerus dejeani</i> Chapuis (Platypod- idae): <i>Guaiacum officinale</i> (lignum vitae)..... <i>Swietenia mahogany</i> (mahogany)..... <i>Tabebuia donnell-smithii</i> (primavera).....	Guatemala..... Costa Rica, Honduras Guatemala.....	1 2 1			N. Y. N. Y. 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 femoralis texanus</i> Horn (Ceram- bycidae): <i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Tetraproocera longicornis</i> (Oliv.) (Bostri- chidae): <i>Swietenia mahogany</i> (mahogany)..... Wood.....	do..... do.....	3	2		N. Y. 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>Trogoylon prostomoides</i> Gorb. (Lyetidae): <i>Sambucus</i> sp. (elder)..... Wood.....	Mexico..... do.....	1 1			N. Y. 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)..... <i>Brassia</i> sp. (orchid)..... <i>Cattleya</i> sp. (orchid)..... <i>Haematorylon campechianum</i> (log- wood)..... <i>Oncidium altissimus</i> (orchid)..... <i>Stanhopea bucephalus</i> (orchid).....	Canal Zone..... do..... do..... Martinique..... American Virgin Islands Canal Zone.....			1 1 1 1 1	Calif.* Calif.* Calif.* N. Y. Fla.* Calif.*
<i>Xenochalepus omoger</i> (Cr.) (Chrysomeli- dae): Bromeliaceae.....	Guatemala.....			1	Calif.*
<i>Xyleborus affinis</i> Eichh. (Scolytidae): <i>Cedrus</i> sp. (cedar)..... <i>Swietenia mahogany</i> (mahogany)..... <i>Tabebuia donnell-smithii</i> (primavera).....	Costa Rica..... Honduras..... Mexico.....	1 1 1			N. Y. N. Y. 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 mahoganyi</i> (mahogany).....	Costa Rica, Honduras, Mexico, Guatemala, 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 acutifolia</i> (jacaranda).....	Brazil.....		1		N. Y.
<i>Xyleborus propinquus</i> Eichh. (Scolytidae):					
<i>Citrus aurantiifolia</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 mahoganyi</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 mahoganyi</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 mahoganyi</i> (mahogany).....	do.....	1			N. Y.
<i>Xylobiops teranus</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)
- AECHMEA:  
*Alauropatus coccolus* (Homoptera)
- AERIDIID—See Orchidaceae
- AGLAONEMA:  
*Fulvius brevicornis* (Hemiptera)
- AGRICUS:  
*Nemapogon granella* (Lepidoptera)
- ALLIUM CEPA:  
*Tetraopes femoratus texanus* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)
- ALLIUM SATIVUM:  
*Zabrotes subfasciatus* (Coleoptera)
- ALSTROEMERIA:  
*Hofmannophila pseudopretella* (Lepidoptera)
- ALYXIA:  
*Lepidosaphes uniloba* (Homoptera)
- AMARYLLIS:  
*Trionymus peregrinus* (Homoptera)
- AMYGDALUS PERSICA:  
*Anastrepha ludens* (Diptera)
- ANACARDIUM:  
*Protopulvinaria pyriformis* (Homoptera)
- ANANAS:  
*Acroleucus vicinialis* (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 bromelinae* (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:  
*Cocotrypes dactylipera* (Coleoptera)
- BAMBOO:  
*Asterolecanium bambusae* (Homoptera)  
*Asterolecanium militaris* (Homoptera)  
*Asterolecanium militaris longum* (Homoptera)  
*Asterolecanium militaris robustum* (Homoptera)  
*Chaetococcus bambusae* (Homoptera)  
*Dinoderus pilifrons* (Coleoptera)  
*Eucalandra setulosa* (Coleoptera)  
*Laemot metus rhizophanooides* (Coleoptera)  
*Lyctozylon japonum* (Coleoptera)  
*Odonaspis greeni* (Homoptera)
- BAMBUSA:  
*Asterolecanium bambusae* (Homoptera)
- BANANA DEBRIS:  
*Stilodes fuscolineata* (Coleoptera)
- BAROSMA:  
*Chionaspis diosmae* (Homoptera)
- BEAN:  
*Conotrachelus seniculus* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)
- BERBERIS:  
*Hofmannophila pseudopretella* (Lepidoptera)
- BETA CICLA:  
*Hellula undalis* (Lepidoptera)
- BETA VULGARIS:  
*Aceratagallia robusta* (Homoptera)  
*Conotrachelus seniculus* (Coleoptera)  
*Drasterius lievens* (Coleoptera)  
*Erynephala puncticollis* (Coleoptera)  
*Helidodines bella* (Lepidoptera)
- BOUGAINVILLEA:  
*Acanthoscelides pruvinus* (Coleoptera)  
*Colpocarena complanata* (Hemiptera)  
*Haplothrips gowdeyi* (Thysanoptera)  
*Taeniothrips hauaiensis* (Thysanoptera)
- BRASSAYOLA—See Orchidaceae
- BRASSICA CAMPESTRIS:  
*Ceutorhynchus pleurostigma* (Coleoptera)
- BRASSICA CHINENSIS:  
*Conoderus laurenti* (Coleoptera)  
*Cylas formicarius elegantulus* (Coleoptera)  
*Cryptopeltis rarians* (Hemiptera)  
*Hellula phidilealis* (Lepidoptera)  
*Hellula undalis* (Lepidoptera)  
*Heteroderes laurenti* (Coleoptera)  
*Ligyrocoris aurivilliana* (Hemiptera)  
*Liriomyza flaveola* (Diptera)  
*Ora sezlimata* (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 ACEPTALA:  
*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)  
*Picea forficalis* (Lepidoptera)
- BRASSICA RAPA:  
*Ceutorhynchus pleurostigma* (Coleoptera)  
*Deloyala lecontei* (Coleoptera)  
*Drasterius lievens* (Coleoptera)  
*Epilachna varivestis* (Coleoptera)  
*Geocoris sonoraeensis* (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 lievens* (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)  
*Physomota peticollis* (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)  
*Monilema 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)  
*Marcia testulalis* (Lepidoptera)
- CAPSICUM:**  
*Aceratagallia pallida* (Homoptera)  
*Arctelus abopunctatus* (Hemiptera)  
*Disonycha argentiniensis* (Coleoptera)  
*Epinotia opposita* (Lepidoptera)  
*Gnortomoschma gudmannella* (Lepidoptera)  
*Lineodes triangularis* (Lepidoptera)  
*Lorita abor nana chaika* (Lepidoptera)  
*Macrodactylus mexicanus* (Coleoptera)  
*Phenacoccus gossypii* (Homoptera)  
*Platynota rostrana* (Lepidoptera)  
*Platynota stultana* (Lepidoptera)  
*Pulvinaria urbicola* (Homoptera)
- CARICA:**  
*Homalopalpa dalera* (Lepidoptera)  
*Toxotrypana curvicauda* (Diptera)
- CASEARIA:**  
*Platypus rugulosus* (Coleoptera)
- ASSIA:**  
*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 auritilliana* (Hemiptera)
- CERATONIA:**  
*Acanthoscelides ceratioborus* (Coleoptera)  
*Amblycerus piurac* (Coleoptera)  
*Myeloid ceratoniae* (Lepidoptera)
- CEREUS—See Cactaceae**
- CHRYSANTHEMUM:**  
*Aceratagallia nana* (Homoptera)  
*Frankliniella cephalica* (Thysanoptera)  
*Fubius bististillatus* (Hemiptera)  
*Hypselonotus fulvus* (Hemiptera)  
*Opsius stactogalus* (Homoptera)  
*Phenacoccus gossypii* (Homoptera)  
*Polymerus basalis* (Hemiptera)  
*Systema basalis* (Coleoptera)  
*Teleonomia serupulosa* (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 mombinpraecipans* (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 coccois* (Homoptera)  
*Diocalandra taiensis* (Coleoptera)  
*Ereunetis flavistriata* (Lepidoptera)  
*Heterostrochus aequalis* (Coleoptera)  
*Ripersia palmarum* (Homoptera)
- CODIAEUM:**  
*Lepidosaphes auriculata* (Homoptera)  
*Lichtensia lutea* (Homoptera)  
*Parlatoria crotonis* (Homoptera)
- COELOGYNE—See Orchidaceae**
- COFFEA:**  
*Ceratitis capitata* (Diptera)  
*Stephanoderes hampei* (Coleoptera)
- COLOCASIA:**  
*Conchyloides avulalis* (Lepidoptera)
- CORIANDRUM:**  
*Liriomyza flaveola* (Diptera)
- CRATAEGUS:**  
*Crociosema plebeiana* (Lepidoptera)
- CUCURBITA:**  
*Rhizophagus dominica* (Coleoptera)
- CYCAS:**  
*Aonidiella inornata* (Homoptera)  
*Phenacaspis eugeniae sandwicheensis* (Homoptera)
- CYDONIA:**  
*Anastrepha ludens* (Diptera)
- CYMBIDIUM—See Orchidaceae**
- CYMBOPOGON:**  
*Pseudococcus boninsis* (Homoptera)
- CYPRIPEDIUM—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:**  
*Marcia testulalis* (Lepidoptera)
- DIOSCOREA:**  
*Palaeopus costicollis* (Coleoptera)  
*Targionia hartii* (Homoptera)
- DENDROBIUM—See Orchidaceae**
- DIANTHUS:**  
*Alloccoris 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)

## FIGUS:

*Aspidiotus spinosus* (Homoptera)

*Leptopharsa distantis* (Hemiptera)

*Rhobonda gaurisana* (Lepidoptera)

*Tetraneurodes fici* (Homoptera)

## FRAXINUS:

*Argyrotaea conwayana* (Lepidoptera)

*Leperisinus frazini* (Coleoptera)

## GARDENIA:

*Acrosternum stitica* (Hemiptera)

*Coccus viridis* (Homoptera)

*Euphoria kerni* (Coleoptera)

*Haplothrips gowdeyi* (Thysanoptera)

*Homona patulana* (Lepidoptera)

*Hypsopora nogolata* (Homoptera)

*Opsius stactogalus* (Homoptera)

*Protospulvinaria pyriformis* (Homoptera)

## GENIPA:

*Pseudaonidia clavigera* (Homoptera)

## GERBERA:

*Frankliniella cephalica* (Thysanoptera)

*Haplothrips gowdeyi* (Thysanoptera)

## GLADIOLUS:

*Frankliniella fortissima* (Thysanoptera)

*Lophocaretes pusillus* (Coleoptera)

*Taeniothrips simplex* (Thysanoptera)

## GLEDITSIA:

*Bruchidius dorsalis* (Coleoptera)

## GONGORA—See Orchidaceae

## GOSSYPIUM:

*Bucculatrix thurberiella* (Lepidoptera)

*Coccyra cephalonica* (Lepidoptera)

*Pectinophora gossypiella* (Lepidoptera)

## GRAMMATOPHYLLUM—See Orchidaceae

## GUAIAECUM:

*Nasutitermes cornigera* (Isoptera)

*Neoclytus cacticus* (Coleoptera)

*Platypus rugulosus* (Coleoptera)

*Tesserocerus dejeani* (Coleoptera)

*Xyleborus confusus* (Coleoptera)

*Xyleborus propinquus* (Coleoptera)

*Xyleborus torquatus* (Coleoptera)

## HAEMATOTOXYLON:

*Vinsonia stellifera* (Homoptera)

## HELIANTHUS:

*Disonychia argentimensis* (Coleoptera)

## HELICHRYSUM:

*Spathulina hessi* (Diptera)

## HIBISCUS:

*Crociosema plebeiana* (Lepidoptera)

*Haplothrips gowdeyi* (Thysanoptera)

*Pectinophora gossypiella* (Lepidoptera)

*Phenacoccus gossypii* (Homoptera)

*Pseudaonidia clavigera* (Homoptera)

*Pseudaonidia tessarata* (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:

*Lophocaretes pusillus* (Coleoptera)

## LACTUCA:

*Anacentrinus deplanatus* (Coleoptera)

*Conoderus lividus* (Coleoptera)

*Disonychia politula* (Coleoptera)

*Empoasca abrupta* (Homoptera)

*Empoasca batatae* (Homoptera)

*Geocoris sonoraensis* (Hemiptera)

*Homophoeta lustrans* (Coleoptera)

## LACTUCA—Continued.

*Leptophobia aripa* (Lepidoptera)

*Ligyrocis auririlliana* (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:

*Protospulvinaria 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)

*Keiseria 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 mombinpraepitans* (Diptera)

*Ceratitis capitata* (Diptera)

*Pseudaonidia trilobitiformis* (Homoptera)

*Sternonchetus 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:

*Dynatospheus aureopilosus* (Coleoptera)

## MUSA PARADISIACA:

*Eumecocosmyia nubila* (Diptera)

*Platynota rostrana* (Lepidoptera)

## MUSA PARADISIACA SAPIENTUM:

*Adranethrips tibialis* (Thysanoptera)

*Aspidiotus destructor* (Homoptera)

*Metamasius sericeus* (Coleoptera)

*Pinnaspis minor strachani* (Homoptera)

*Stolas illustris* (Coleoptera)

## MUSCARI:

*Bouhelia marocana* (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)*Coryca cephalonica* (Lepidoptera)

## ORCHIDACEAE:

*Acrolophus ferridus* (Lepidoptera)*Acolus pulchellus* (Coleoptera)*Anaphothrips orchidaceus* (Thysanoptera)*Anaphothrips orchidi* (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 angraci* (Homoptera)*Conotrachelus naso* (Coleoptera)*Cryphula apicatus* (Hemiptera)*Cryphula fasciatus* (Hemiptera)*Cryptamorpha desjardinsi* (Coleoptera)*Deloyala guttata* (Coleoptera)*Empoasca phaseola* (Homoptera)*Eucalandra setulosa* (Coleoptera)*Eurycypitia vestitus* (Hemiptera)*Eurytoma orchidearum* (Hymenoptera)*Exptochiomera tumens* (Hemiptera)*Furcaspis bifurmis* (Homoptera)*Galgupha punctifera* (Hemiptera)*Gonatas typicus* (Hemiptera)*Hercinotrips femoralis* (Thysanoptera)*Lamprosema schistisemalis* (Lepidoptera)*Lepidosaphes tuberculata* (Homoptera)*Leucaspis cockerelli* (Homoptera)*Ligyrocoris aurivilliana* (Hemiptera)*Lygaeus vittiscutis* (Hemiptera)*Melanaspis aliena* (Homoptera)*Mordellistena cattlejana* (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)

## PACHYCHEREUS—See Caetaceae

## 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)*Euzesta stigmatias* (Diptera)*Heilipus trifasciatus* (Coleoptera)*Placosternus difficilis* (Coleoptera)*Urodus parvula* (Lepidoptera)

## PHALANOPSIS—See Orchidaceae

## PHASEOLUS AUREUS:

*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)

## PHASEOLUS LUNATUS MACROCARPUS:

*Epinotia opposita* (Lepidoptera)*Zabrotes subfasciatus* (Coleoptera)

## PHASEOLUS MUNGU 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)

## PHYSA LIS:

*Cylas fornicarius elegantulus* (Coleoptera)*Gnorimoschema lavrenella* (Lepidoptera)*Heliothis subfleza* (Lepidoptera)

## PINUS:

*Aonidia pinicola* (Homoptera)*Chapuisia mexicana* (Coleoptera)*Pityophthorus schwarzi* (Coleoptera)

## PIPEK:

*Aonidiella inornata* (Homoptera)

## PISUM:

*Bruchus emarginatus* (Coleoptera)*Zabrotes subfasciatus* (Coleoptera)

## PITHECELLOBIUM:

*Acanthoscelides flexicaulis* (Coleoptera)*Acanthoscelides julianus* (Coleoptera)*Acanthoscelides limbatus* (Coleoptera)*Myelois renipars* (Lepidoptera)

## PODALYRIA:

*Bruchidius vesicolor* (Coleoptera)

## POINCIANA:

*Aganactesis indecora* (Lepidoptera)*Stephanoderes brunneus* (Coleoptera)

## POPULUS:

*Dorytomus brevisetosus* (Coleoptera)

## PORTULACA:

*Callosobruchus maculatus* (Coleoptera)*Disomycha arizonae* (Coleoptera)*Drasterius litens* (Coleoptera)*Exilianus obscurinervis* (Homoptera)*Frankliniella fortissima* (Thysanoptera)*Heliodinus bella* (Lepidoptera)*Lacon leseleci* (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 membrosa* (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)
- Epiritz subcrinita* (Coleoptera)
- Sitona lineata* (Coleoptera)

## RIBES:

- Epochra canadensis* (Diptera)

## RICINUS:

- Falconia caduca* (Hemiptera)

## ROSA:

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

## ROYSTONEA:

- Aspidiotus destructor* (Homoptera)

## SACCHARUM:

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

## SALVIA:

- Aylax salviae* (Hymenoptera)

## SAMBUCUS:

- Amphicerus cornutus* (Coleoptera)
- Micrapate scapularis* (Coleoptera)
- Penocis mexicanus* (Coleoptera)
- Trogozylon 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-grisea* (Coleoptera)

## SOLANUM MELONGENA:

- Pachyzancla perusalis* (Lepidoptera)

## SOLANUM TUBEROSUM:

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

## SOPHORA:

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

## SPINACIA:

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

## SPONDIAS:

- Aspidiotus herculeanus* (Homoptera)

## STANHOPEA—See Orchidaceae

## SWIETENIA:

- Hyppispylla grandella* (Lepidoptera)
- Lygaeus guatemalanus* (Hemiptera)
- Platypus rugulosus* (Coleoptera)
- Taphroderes sezmaculatus* (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)
- Prentus anchorago* (Coleoptera)
- Prentus 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)

## TERMINALLA:

- 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:

- Pantomorbus zanthographus* (Coleoptera)
- Saulaspis graphica* (Coleoptera)

## VOANDZELA:

- Callosobruchus subinnotatus* (Coleoptera)

## ZEA:

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

## ZINGIBER:

- Platygomus lividigaster* (Coleoptera)

## Hosts unknown

BAG CONTAINING AVOCADOS:  
*Xylobius texanus* (Coleoptera)  
 EXCELSIOR IN BOX OF GRAPES:  
*Heteroderes rufangulus* (Coleoptera)  
 FLOWERS:  
*Cyrtopeltis varians* (Hemiptera)  
*Draeculacephala minerva* (Homoptera)  
*Erynephala puncticollis* (Coleoptera)  
*Meltriona profligata* (Coleoptera)  
 GRASS SEED:  
*Mecidea protiza* (Hemiptera)  
 HAY:  
*Hypera meles* (Coleoptera)  
*Hypera nigrirostris* (Coleoptera)  
 HERB:  
*Erynephala puncticollis* (Coleoptera)  
*Melusina regelationis* (Hemiptera)  
 LOG:  
*Frentus 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)  
*Microceroterme exiguus* (Isoptera)  
*Neoclytus rufus* (Coleoptera)  
*Platypus rugulosus* (Coleoptera)  
*Penocis mexicanus* (Coleoptera)  
*Sinozylon anale* (Coleoptera)  
*Sinozylon conigerum* (Coleoptera)  
*Sinozylon sedentatum* (Coleoptera)  
*Tetrapriocera longicornis* (Coleoptera)  
*Trogozylon prostomoides* (Coleoptera)

## Country of origin and insects

ALGERIA:  
*Callosobruchus maculatus*  
*Callosobruchus subinnotatus*  
 AMERICAN VIRGIN ISLANDS:  
*Pectinophora gossypiella*  
*Vinsonia stellifera*  
 ANTIGUA:  
*Asterolecanium mitiari 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*  
*Haplathrips gowdeyi*  
*Parlatoria cinerea*  
*Pseudococcus boninsis*  
*Targionia sacchari*  
 BARBADOS:  
*Asterolecanium mitiari robustum*  
*Chrysomphalus personatus*  
 BELGIAN CONGO:  
*Phizophagus dominica*  
 BERMUDA:  
*Frankliniella insularis*  
*Haplathrips gowdeyi*  
*Protospulvinaria pyriformis*  
 BRAZIL:  
*Anastrepha fraterculus*  
*Anastrepha serpentina*  
*Asterolecanium epidendri*  
*Colpocarena complanata*  
*Conchaspis angraeci*  
*Coreya cephalonica*  
*Eurytoma orchidearum*  
*Euscepes postfasciatus*  
*Hypselonotus interruptus*  
*Mordellistena cattlejana*  
*Parlatoria cinerea*  
*Pectinophora gossypiella*  
*Pseudoaonidia trilobiflorum*  
*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 subcristata*  
*Forficula agricularia*  
*Lophocateres pusillus*  
*Myzus ornatus*  
*Nabis alternatus*  
*Nemapogon granella*  
*Stephanoderes hampei*  
 CANAL ZONE:  
*Acanthoderes circumflexa*  
*Acanthoscelides alticola*  
*Aspidiotus diffinis*  
*Aspidiotus herculeanus*  
*Caryobruchus busckii*  
*Coccus viridis*  
*Conchaspis angraeci*  
*Epinotia opposita*  
*Frankliniella cephalica*  
*Furcaspis biformis*  
*Haplathrips gowdeyi*  
*Mordellistena cattlejana*  
*Phelomerus aberrans*  
*Platypus rugulosus*  
*Pseudoaonidia 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*  
*Coreya cephalonica*  
*Cryphula fasciatus*

## Country of origin and insects—Continued

## COLOMBIA—Continued.

*Eucalandra setulosa*  
*Eurytoma orchidearum*  
*Furcaspis bifurmis*  
*Gonatas typicus*  
*Maruca testulalis*  
*Mordellistena cattlejana*  
*Nasutitermes cornigera*  
*Pagiocerus rimosus*  
*Tenthecoris bicolor*

## COSTA RICA:

*Asterolecanium bambusae*  
*Asterolecanium epidendri*  
*Chrysomphalus umboniferus*  
*Helitipus trifasciatus*  
*Leucaspis cockerelli*  
*Nyeloides ceratoniae*  
*Nasutitermes cornigera*  
*Platypus alternans*  
*Platypus rugulosus*  
*Pseudischaspis alienus*  
*Stilodes fuscolineta*  
*Taphroderes sexmaculatus*  
*Tenthecoris bicolor*  
*Tesserocerus dejeani*  
*Xyleborus affinis*  
*Xyleborus confusus*  
*Xyleborus fuscatus*  
*Xyleborus torquatus*  
*Zabrotes subfasciatus*

## CUBA:

*Adranethrips tibialis*  
*Aleurocanthus uoglimi*  
*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*  
*Eusepes postfasciatus*  
*Frankliniella cubensis*  
*Gynaikothrips uzeli*  
*Haplorthrips gowdeyi*  
*Hellula phidilealis*  
*Heteroderes laurenti*  
*Homalopalpia datera*  
*Keiferia lycopersicella*  
*Lepidosaphes alba*  
*Leptostylus argentatus*  
*Lineodes integra*  
*Liriomyza flavescens*  
*Ora serlineata*  
*Pachnaeus litus*  
*Pachyantha periusalis*  
*Phenacoccus gossypii*  
*Phyllotreta vittata discedens*  
*Platynota rostrata*  
*Pseudococcus boninensis*  
*Pulvinaria urbioica*  
*Ribua innoxia*  
*Systema basalis*  
*Targionia bromelae*  
*Targionia hartii*  
*Targionia sacchari*  
*Xyleborus confusus*

## CYPRUS:

*Aonidia lauri*  
*Aylax salicis*

## 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*  
*Protospulvinaria pyriformis*

## DUTCH EAST INDIES:

*Acanthoscelides ceratioborus*  
*Acanthoscelides dominicanus*  
*Caryedon fuscus*  
*Laemometus rhizophagoides*  
*Lyctoxylon japonum*  
*Prays endocarpa*

## DUTCH GUIANA:

*Coryca cephalonica*  
*Eusepes postfasciatus*  
*Maruca testulalis*

## DUTCH WEST INDIES:

*Acanthoscelides dominicanus*  
*Cymus virescens*  
*Furcaspis bifurmis*

## ECUADOR:

*Aleurotrachelus trachoides*  
*Coryca cephalonica*

## ENGLAND:

*Anaphothrips orchidaceus*  
*Argyrota conwayana*  
*Ceutorhynchus pleurostigma*  
*Ceutorhynchus quadridens*  
*Clytus arictis*  
*Dalopius marginatus*  
*Dialeurodes chittendeni*  
*Drymus sylvaticus*  
*Hercinotrips femoralis*  
*Hofmannophila pseudospretella*  
*Lepersinus frazini*  
*Lepidosaphes tuberculata*  
*Melusina regelionis*  
*Myzus ornatus*  
*Pionia forficaris*  
*Psila rosae*  
*Pteleobius vittatus*  
*Pulvinaria floccifera*  
*Salpingus planirostris*  
*Scirtothrips longipennis*  
*Scolytus multistriatus*  
*Trionymus peregrinus*

## FRENCH INDO-CHINA:

*Heterobostrychus aequalis*

## GOLD COAST:

*Xylion adustus*

## GUADELOUPE:

*Nystus scutellatus*

## GUATEMALA:

*Aleuroplatus coccolus*  
*Anastrepha ludens*  
*Aspidiotus destructor*  
*Asterolecanium bambusae*  
*Asterolecanium epidendri*  
*Brentus anchorago*  
*Brentus mexicanus*  
*Chrysomphalus umboniferus*  
*Cossonus canaliculatus*  
*Eriococcus araucariae*  
*Eurycippia testis*  
*Hypsipyla grandella*  
*Laemophloeus suturalis*  
*Leptopharsa distantis*  
*Lygaeus guatemalensis*  
*Lygaeus vitticinctus*  
*Melanaspis aliena*  
*Nemocephalus guatemalensis*  
*Neuroctenus litigiosus*  
*Odonaspis saccharicaulis*  
*Physonota picticollis*  
*Platypus exaratus*  
*Platypus rugulosus*  
*Phobonda 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 pruinosus*  
*Aonidiella inornata*  
*Caryedon fuscus*  
*Ceratitidis capitata*  
*Ceroptastes rubens*  
*Chaetococcus bambusae*  
*Coccus viridis*  
*Cosmolyce boeticus*  
*Dacus cucurbitae*  
*Diocalandra taiteensis*  
*Dynatospeckus aureopilosus*  
*Ereunetis flavistriata*  
*Euscepes postfasciatus*  
*Haplothrips goeideyi*  
*Lepidosaphes auriculata*  
*Lepidosaphes uniloba*  
*Maruca testulalis*  
*Odonaspis greeni*  
*Parlatoria crotomis*  
*Pectinophora gossypiella*  
*Phenacaspis eugeniae sandwicensis*  
*Platyomus lridigaster*  
*Pseudaoonidia clavifera*  
*Pseudaoonidia tessarata*  
*Pipersia palmarum*  
*Sternonchetus mangiferae*  
*Taeniothrips hawaiiensis*

## HONDURAS:

*Eurycipitia vestitus*  
*Galgupha punctifer*  
*Leucaspis cockerelli*  
*Neocyttus cacticus*  
*Palacopus costicollis*  
*Tesserocerus dejeani*  
*Toxotrypana curvicauda*  
*Xyleborus affinis*  
*Xyleborus confusus*  
*Xyleborus propinquus*

## ICELAND:

*Psila rosae*

## INDIA:

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

## IRAN:

*Bruchus dentipes*  
*Bruchus dentipes ochraceosignatus*  
*Bruchus emarginatus*  
*Parlatoria blanchardi*

## IRELAND:

*Endrosis lacteella*

## JAMAICA:

*Acanthoscelides dominicanus*  
*Anastrepha nombinpraeoptans*  
*Diaspis coccois*  
*Targionia sacchari*

## JAPAN:

*Aleurotrachelus camelliae*  
*Bruchidius dorsalis*  
*Chilo simplex*  
*Chionaspis yanonensis*  
*Cinara tujafilina*  
*Dynatospeckus aureopilosus*  
*Laspeyresia splendana*  
*Parlatoria pseudaspitotus*  
*Pinnaspis townsendi*

## JAVA:

*Cylas turcipennis*  
*Heterobostrychus aequalis*  
*Laemotmetus rhizophajoides*  
*Lyctoxylon japonum*  
*Pseudaoonidia trilobitiformis*

## MALAYA (British):

*Dinoderus bifoveolatus*  
*Sinoxylon anale*  
*Xylopsocus capucinus*

## MARTINIQUE:

*Pseudaoonidia trilobitiformis*  
*Vinsonia stellifera*

## MEXICO:

*Acanthoscelides dominicanus*  
*Acanthoscelides flexicaulis*

## MEXICO—Continued.

*Acanthoscelides julianus*  
*Acanthoscelides sallaei*  
*Aceratagallia nana*  
*Aceratagallia pallida*  
*Aceratagallia robusta*  
*Acmaeodera gibbula delumbis*  
*Acroleucus cinctus*  
*Acrosternum stillica*  
*Aeolus pulchellus*  
*Agromyza virens*  
*Agrotis vetusta*  
*Alloeoris incognita*  
*Alpheias conspurata*  
*Amphicerus cornutus*  
*Anacentrinus deplanatus*  
*Anastrepha ludens*  
*Anastrepha serpentina*  
*Andricus championi*  
*Andricus mexicanus*  
*Arctelius albopunctatus*  
*Aspidiotus spinosus*  
*Fiorrhiza solida*  
*Frentus anchorago*  
*Frentus mexicanus*  
*Fucullatrix thurberiella*  
*Callidium antennatum hesperum*  
*Callosobruchus maculatus*  
*Carnaeocephala sagittifera*  
*Caulophilus latinus*  
*Chapuisia mexicana*  
*Chirothrips aculeatus*  
*Chrysomphalus personatus*  
*Colletis eurytheme*  
*Conchylodes orcalis*  
*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 biraditatus*  
*Cyrtopeltis varians*  
*Deloyala guttata*  
*Deloyala lecontei*  
*Diaspis texensis*  
*Dicyphus minimus*  
*Diphauata 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 varitests*  
*Epinolia opposita*  
*Epocha candensis*  
*Eyrnephala puncticollis*  
*Eumecocosomyia nubila*  
*Eumysia maculicula*  
*Euphoria kerni*  
*Eurycipitia vestitus*  
*Eurytoma orchidearum*  
*Euschistus obscurus*  
*Euzesta sororcula*  
*Euzesta stigmatius*  
*Eritianus obscurinervis*  
*Falconia caduca*  
*Frankliniella cephalica*  
*Frankliniella cubensis*  
*Frankliniella fortissima*  
*Fulvius bistifluctus*  
*Galgupha punctifer*  
*Geocoris sororacensis*

## Country of origin and insects—Continued

## MEXICO—Continued.

*Gerstaeckeria mutillaria*  
*Gnathotrichus aciculatus*  
*Gnathotrichus denticulatus*  
*Gnorimoschema gudmannella*  
*Gnorimoschema laterella*  
*Haplothrips gowdeyi*  
*Heliodines bella*  
*Heliothis subflera*  
*Hellula phidicatis*  
*Hellula undalis*  
*Heracus guttatus*  
*Homona patulana*  
*Homophocta lustrans*  
*Hypselonotus fulvus*  
*Hypsoprora nogolata*  
*Keiseria lycopersicella*  
*Lacon leseleuci*  
*Laspeyresia membrosa*  
*Lepidosaphes philococcus*  
*Leptophobia aripa*  
*Leucinodes elegantalis*  
*Lichtensia lutea*  
*Ligyrocoris auririlliana*  
*Ligyrocoris nitidicollis*  
*Lineodes integra*  
*Lineodes triangulalis*  
*Lorita abornana chatka*  
*Lygus oblineatus* var.  
*Lygus pratensis* var.  
*Macroactylus mexicanus*  
*Maruca testulalis*  
*Metamasius callizona*  
*Metriona profigata*  
*Micrapate scapularis*  
*Monanthesia monotropidia*  
*Moneilema opuntiae*  
*Moodna bisinuella*  
*Myelois venipars*  
*Myodocha intermedia*  
*Myodocha unispinosa*  
*Nabis alternatus*  
*Nabis annulatus*  
*Nabis dentipes*  
*Ogdoecosta biannularis*  
*Opsius stactogalus*  
*Pachycoris torridus* var.  
*Pectinophora gossypiella*  
*Phaedon purpurea*  
*Phenacoccus gossypii*  
*Phyllotreta pusilla*  
*Phymata pennsylvanica colorandensis*  
*Pilophoropsis brachypteris*  
*Pityophthorus schwarzi*  
*Placosternus cifficilis*  
*Platynota rostrana*  
*Platynota stultana*  
*Platypus rugulosus*  
*Polymerus basalis*  
*Protopulvinaria pyriformis*  
*Pseudischnaspis alienus*  
*Pseudococcus boninsis*  
*Puto mexicanus*  
*Renocis mexicanus*  
*Rhagoletis pomonella*  
*Rhopalotrips bicolor*  
*Sisamnes contractus*  
*Stephanoderes brunneus*  
*Taeniothrips simplex*  
*Talponia batesi*  
*Teleonemia scrupulosa*  
*Tenthecoris bicolor*  
*Tetraleurodes acaciae*  
*Tetraopes femoratus teranus*  
*Tetrapriocera longicornis*  
*Trogoxylon prostomoides*  
*Urbanus proctus*  
*Urodus parvula*  
*Xyleborus affinis*  
*Xyleborus confusus*  
*Xyleborus propinquus*  
*Xyleborus torquatus*  
*Xylobiops tezanus*  
*Zabrotes subfasciatus*

## MOROCCO (French):

*Bouhelia marocana*

## NEVIS:

*Caryedon fuscus*

## NEWFOUNDLAND:

*Hypera meles*

*Hypera nigrirostris*

## NICARAGUA:

*Microcertermes eriguis*

*Nasutitermes cornigera*

## NOVA SCOTIA:

*Aleuroplatus myricae*

*Tetraleurodes ursorum*

## PALESTINE:

*Parlatoria cinerea*

## PANAMA:

*Aspidiotus destructor*

*Aspidiotus herculeanus*

*Coccus viridis*

*Furcaspis biformis*

*Metamasius sericeus*

*Nemucephalus guatemalensis*

*Neoclytus cacticus*

*Platypus rugulosus*

## PERU:

*Acanthoscelides ceratioborus*

*Amblycerus piurae*

*Anaphotrips orchidaceus*;

*Cosmogramma angustofasciata*

*Dinoderus bifoveolatus*

*Eurytoma orchidearum*

*Euscepes postfasciatus*

*Niveaspis fenestrata*

*Pagiocerus rimosus*

*Rhigopsidius lucumanus*(?)

*Zabrotes subfasciatus*

## PHILIPPINES:

*Aonidiella inornata*

*Callosobruchus chinensis*

*Callosobruchus maculatus*

*Chrysomphalus nulliporus*

*Morganella longispina*

*Orchidophilus peregrinator*

*Parlatoria pseudaspidotus*

*Pinnaspis townsendi*

*Prays endocarpa*

*Sinoxylon anale*

*Tadius erihinoides*

## PORTUGAL:

*Aonidia pinicola*

*Ceratitis capitata*

*Coccotrypes dactyliperda*

*Forficula auricularia*

*Laspeyresia splendana*

*Sinoxylon serdentatum*

## PUERTO RICO:

*Anastrepha mombinpraeoptans*

*Anastrepha suspensa*

*Callosobruchus chinensis*

*Coccus iridis*

*Cylas formicarius elegantulus*

*Euscepes postfasciatus*

*Hellula phidicatis*

*Maruca testulalis*

*Pectinophora gossypiella*

*Targionia sacchari*

## ST. LUCIA:

*Aganactes indecora*

## ST. VINCENT:

*Anastrepha mombinpraeoptans*

## SALVADOR:

*Acanthoscelides dominicanus*

*Asterolecanium aureum*

*Pseudischnaspis alienus*

## SCOTLAND:

*Ceutorhynchus pleurostigma*

*Melusina annulata*

*Micretus ericae*

*Taeniothrips 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*  
*Euseceps postfasciatus*  
*Furcaspis bifurmis*  
*Hellula phidilealis*  
*Marcia testulalis*  
*Neoclytus rufus*  
*Palaeopus costicollis*  
*Parlatoria cinerea*  
*Phelomerus aberrans*  
*Pinnaspis minor strachani*  
*Pseudococcus boninensis*  
*Targionia hartii*  
*Tenthecoris bicolor*

## UNION OF SOUTH AFRICA:

*Anuraphis apifolia*  
*Bruchidius versicolor*  
*Chinoaspis diosmae*  
*Cylas puncticollis*  
*Haplothrips nigricornis*  
*Mecidea proliza*  
*Pseudococcus gahani*  
*Sphatulina hessi*  
*Specularius erythrinae*  
*Targionia hartii*

## UNION OF SOUTH AFRICA—Continued.

*Zabrotes subfasciatus*  
 UNION OF SOVIET SOCIALIST REPUBLICS:

*Bruchus hamatus*

## UNKNOWN:

*Anastrepha ludens*  
*Anastrepha mombinpraecoaptans*

## VENEZUELA:

*Acanthoscelides dominicanus*  
*Anastrepha striata*  
*Aspidiotus herculeanus*  
*Asterolecanium epidendri*  
*Capaneus odiosus*  
*Chrysomphalus umboniferus*  
*Clerada apicicornis*  
*Coccus viridis*  
*Cryphula apicatus*  
*Eurycyptia vestitus*  
*Eurytoma orchidearum*  
*Erptochlomera tumens*  
*Furcaspis bifurmis*  
*Lamprosema schistisemalis*  
*Mordellistena catleyana*  
*Opatrinus gemellus*  
*Platypus rugulosus*  
*Protopulvinaria pyriformis*  
*Tenthecoris bicolor*

## VIRGIN ISLANDS:

*Euseceps 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 interceptions 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) Dooidge:					
<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>Bacteriumlachrymans</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>Balanisia 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—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Cercospora angraci</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. (cocksoomb).....	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 richardiae</i> Atk.:					
<i>Zantedeschia aethiopica</i> (callily).....	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 henriquesiana</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—
		Con-sump-tion	Non-en-try	Prop-aga-tion	
<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 atrorubrum</i>	do			1	N. J.
<i>Colchicum bornmuelleri</i> (bornmueller autumn-erocus).	do			1	N. J.
<i>Colchicum speciosum</i> (showy autumn-crocus).	do			2	N. J.
<i>Hyacinthus</i> sp.	do	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>Erobasidium vaccinii</i> Fekl.: <i>Azalea</i> sp.	Japan			1	Wash.
<i>Ecosporium 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>Gleosporium aleuriticum</i> Sacc.: <i>Aleurites moluccana</i> (Candlenut-tree)	Hawaii	1			Calif.*
<i>Gleosporium oncidii</i> Oud.: <i>Oncidium sphacelatum</i> (orchid)	Costa Rica			1	Calif.*
<i>Gleosporium pelargonii</i> Cke. & Mass.: <i>Pelargonium</i> sp. (geranium)	Bermuda			1	Ga.
<i>Gleosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron</i> sp.	England			1	Wash.
<i>Gleosporium 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>Ornithogatum thyrsoides</i> (chinkri- chee).	Union of South Africa	1			Mass.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc. (?): Palm	Cuba			1	Pa.
<i>Hormodendron olivaceum</i> Bon.: <i>Matus sylestris</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 interceptions 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 silophila</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 nucifera</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> Belynyck: <i>Digitalis purpurea</i> (foxglove).....	do.....	1			N. Y.
<i>Phyllosticta erythroxyli</i> Graziani: <i>Erythroxylon 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 cattlejuae</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> Niessi: <i>Heteropogon contortus</i> (tanglehead).....	Straits Settlements.....	1			N. Y.
<i>Polyporus pinitus</i> Fr.: <i>Guaiacum officinale</i> (lignum vitae).....	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 larandulaefolia</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 lactucae</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, Ecuador, Guatemala, Haiti.	20			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)		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	Cuba			1	N. J.
<i>Uredo erythrozytonis</i> Grazioni: <i>Erythrozyton coca</i> (cocaïne-tree)	Peru	2			N. Y.
<i>Uredo guacae</i> Mayor: <i>Batemannia</i> sp. (orchid)	Costa Rica			1	N. J.
<i>Epidendrum umbellatum</i> (orchid)	Salvador			1	Calif.*
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum</i> sp. (autumn-crocus)	England			3	N. J.
<i>Uromyces striatus medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa)	Argentina, Mexico, Peru.	5	2		N. Y., Tex.
<i>Ustilago rabenhorstiana</i> Kuehn: <i>Digitaria sanguinalis</i> (hairy crabgrass).	Uruguay			1	Wash.
<i>Venturia rhododendri</i> Tengwall: <i>Rhododendron</i> sp.	Canada			1	Wash.
<i>Vermicularia geayana</i> Del.: <i>Cattleya douciana</i> (orchid)	Costa Rica			2	Calif.*
Orchid	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:  
*Potrytis 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:  
*Erobasiidium vaccinii* (Basidiomycetes)
- BATEMANNIA—See Orchidaceae
- CAMELLIA:  
*Sporonema camelliae* (Deuteromycetes)
- CAPSICUM:  
*Alternaria fasciculata* (Deuteromycetes)  
*Helminthosporium curculum* (Deuteromycetes)
- CASTANEA:  
*Phaeobulgaria inquinans* (Ascomycetes)
- CATTLEYEA—See Orchidaceae
- CELOSIA:  
*Cercospora celosiae* (Deuteromycetes)
- CHENOPODIUM:  
*Albugo bliti* (Phycomycoetes)
- 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)
- CROCUUS:  
*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 erythrozyli* (Deuteromycetes)  
*Uredo erythroxylois* (Promycetes)
- EUONYMUS:  
*Oidium euonymi-japonici* (Deuteromycetes)
- FAGUS:  
*Tubercularia vulgaris* (Deuteromycetes)
- GOSSYPIUM:  
*Cercospora althaeina* (Deuteromycetes)  
*Diplodia gossypina* (Deuteromycetes)
- GUAIACUM:  
*Polyporus pinsilus* (Basidiomycetes)
- HELIANTHUS:  
*Puccinia helianthi* (Promycetes)
- HETEROPOGON:  
*Balanisa 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:  
*Pacterium punctilans* (Schizomycetes)  
*Helminthosporium curculum* (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* (Phycomycoetes)  
*Pseudopeziza medicaginis* (Ascomycetes)  
*Uromyces striatus medicaginis* (Promycetes)
- MILTONIA—See Orchidaceae
- MUSA PARADISIACA:  
*Cercospora musae* (Deuteromycetes)  
*Helminthosporium torulosum* (Deuteromycetes)  
*Stachyidium thebromae* (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:  
*Cercospora musae* (Deuteromycetes)  
*Chlamydomyces palmarum* (Deuteromycetes)  
*Cordana musae* (Deuteromycetes)  
*Stachyidium thebromae* (Deuteromycetes)
- NARCISSUS:  
*Potrytis 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)  
*Cylindrocodium scoparium* (Deuteromycetes)  
*Dematium pullulans* (Deuteromycetes)  
*Diplodia henriquesiana* (Deuteromycetes)  
*Diplodia paraphysaria* (Deuteromycetes)  
*Gloeosporium oncidii* (Deuteromycetes)  
*Gloeosporium stanhopeae* (Deuteromycetes)  
*Macrophoma oncidii* (Deuteromycetes)  
*Phyllosticta stanhopeae* (Deuteromycetes)  
*Physalospora caemptospora* (Ascomycetes)  
*Physalospora cattleyae* (Ascomycetes)  
*Physalospora orchidearum* (Ascomycetes)  
*Stachyidium bicolor* (Deuteromycetes)  
*Uredo behnickiana* (Promycetes)  
*Uredo epidendri* (Promycetes)  
*Uredo guacae* (Promycetes)  
*Verticillium a. geayana* (Deuteromycetes)  
*Verticilliodochium tubercularioides* (Deuteromycetes)
- PALM:  
*Erosporium palmivorum* (Deuteromycetes)  
*Hormodendron cladosporioides* (Deuteromycetes)

## Hosts and diseases—Continued

- PANICUM:**  
*Cerebella andropogonis* (Deuteromycetes)  
*Fusarium heterosporum* (Deuteromycetes)
- PASPALUM:**  
*Cerebella andropogonis* (Deuteromycetes)  
*Clariceps 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* (Phycmycetes)
- 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)  
*Chrysomyza rhododendri* (Promycetes)  
*Coryneum rhododendri* (Deuteromycetes)  
*Discosia artoceas* (Deuteromycetes)  
*Gloeosporium rhododendri* (Deuteromycetes)
- RHODODENDRON—Continued.**  
*Phyllosticta maxima* (Deuteromycetes)  
*Venturia rhododendri* (Ascomycetes)
- RICINUS:**  
*Cercospora ricinella* (Deuteromycetes)
- SALIX:**  
*Cytophora 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)  
*Cytophora ambiens* (Deuteromycetes)  
*Pestolozzia monocharta* (Deuteromycetes)
- VANDA—See Orchidaceae**
- VIOLA:**  
*Alternaria tenuis* (Deuteromycetes)
- WATSONIA:**  
*Penicillium gladioli* (Deuteromycetes)
- ZANTEDESCHIA:**  
*Cercospora richardiaeola* (Deuteromycetes)

## Country of origin and diseases

- AMERICAN VIRGIN ISLANDS:**  
*Cercospora musae*
- ARGENTINA:**  
*Diploscapter coronata*  
*Elsinoe australis*  
*Eozosporium 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 arenae*  
*Phyllosticta maxima*  
*Venturia rhododendri*
- CANAL ZONE:**  
*Diplodia henriquesiana*
- CEYLON:**  
*Bacterium citri*
- CHILE:**  
*Alternaria brassicae microspora*  
*Botrytis squamosa*  
*Diaporthe batatatis*  
*Hormodendron olivaceum*  
*Melampsora medusae*
- CHINA:**  
*Tritirachium dependens*
- COLOMBIA:**  
*Cylindrocadium scoparium*  
*Dematium pullulans*  
*Didymium difforme*  
*Diplodia paraphysaria*  
*Physalospora orchidearum*
- COSTA RICA:**  
*Cercospora musae*  
*Clariceps paspali*  
*Colletotrichum miltoniae*  
*Gloeosporium oncidi*  
*Gloeosporium stanhopeae*  
*Hypoderma ilicinum*  
*Uredo behnickiana*  
*Uredo guayae*  
*Vermicularia geayana*  
*Verticilliodochium tubercularioides*
- CUBA:**  
*Cercospora musae*  
*Clariceps paspali*  
*Helminthosporium curvulum*  
*Helminthosporium torulosum*  
*Hormodendron cladosporioides*  
*Stachytilidium theobromae*  
*Uredo epidendri*
- DOMINICAN REPUBLIC**  
*Cercospora musae*  
*Meliola citricola*  
*Stachytilidium theobromae*
- ECUADOR:**  
*Stachytilidium theobromae*
- ENGLAND**  
*Alternaria tenuis*  
*Aphelenchoides limberi*  
*Botrytis narcissicola*  
*Ceratostomella ulmi*  
*Cercospora angreci*  
*Chrysomyza rhododendri*  
*Cladosporium orchidearum*  
*Colletotrichum miltoniae*  
*Cytophora ambiens*  
*Discosia artoceas*  
*Ditylenchus dipsaci*  
*Gloeosporium rhododendri*  
*Leptothyrium acerinum*

## Country of origin and diseases—Continued

- ENGLAND—Continued.  
*Pestalozzia monochaeta*  
*Phaeobulgaria inquinans*  
*Phylospora cattleyae*  
*Sclerotinia bullorum*  
*Sclerotinia glandioli*  
*Sporonema camelliae*  
*Stachytidium bicolor*  
*Tubercularia vulgaris*  
*Urocystis cochici*
- GUATEMALA:  
*Cercospora musae*  
*Cercospora richardiaeicola*  
*Macrophoma oncidii*  
*Polyporus pinsitus*  
*Stachytidium theobromae*  
*Uredo behnickiana*
- HAITI:  
*Cercospora musae*  
*Phoma insidiosa*  
*Stachytidium theobromae*
- HAWAII:  
*Gloeosporium aleuriticum*
- HONDURAS:  
*Cercospora musae*  
*Stachytidium theobromae*
- HUNGARY:  
*Lophodermium juniperinum*
- INDIA:  
*Fusarium heterosporum*  
*Tilletia horrida*
- IRAN:  
*Tilletia foetens*
- IRELAND:  
*Botrytis narcissicola*
- JAMAICA:  
*Cercospora musae*  
*Meliola citricola*
- JAPAN:  
*Erobasidium raccinii*  
*Heterosporium ornithogali*
- JAVA:  
*Bacterium citri*
- MEXICO:  
*Albugo bliti*  
*Asterina delitescens*  
*Bacterium lachrymans*  
*Bacterium punctilans*  
*Botryosphaeria ribis*  
*Cercospora althaeina*  
*Cercospora anگری*  
*Cercospora celosiae*  
*Cercospora musae*  
*Cercospora richardiaeicola*  
*Cercospora ricinella*  
*Claviceps paspali*  
*Coleosporium dahliae*  
*Colletotrichum stanhopeae*  
*Cronartium conigenum*  
*Diplodia gossypina*  
*Fusarium heterosporum*  
*Fusarium nigrum*  
*Lethum australiense typicum*  
*Marsonia brunnea*  
*Melampsora medusae*  
*Monilia sitophila*  
*Oidium euonymi-japonici*  
*Peronospora pisi*  
*Peronospora trifoliorum*  
*Phoma mali*  
*Phyllachora gratissima*  
*Phyllosticta cucurbitacearum* (?)  
*Phyllosticta digitalis*  
*Phylospora camptospora*
- MEXICO—Continued.  
*Puccinia aristidae*  
*Puccinia asparagi*  
*Puccinia helianthi*  
*Puccinia heterospora*  
*Puccinia tageticola*  
*Septoria lactucae*  
*Septoria mustae*  
*Sphaelotheca cruenta*  
*Tilletia rugispora*  
*Tilletia tritici*  
*Tubercularia vulgaris*  
*Uromyces striatus medicaginis*  
*Vermicularia gayana*
- NEW ZEALAND:  
*Ascochyta imperfecta*
- PANAMA:  
*Cercospora musae*  
*Chlamydomyces palmarum*  
*Cordana musae*
- PERU:  
*Phyllosticta erythrozyli*  
*Phyllosticta stanhopeae*  
*Uredo erythroylonis*  
*Uromyces striatus medicaginis*
- PHILIPPINES:  
*Bacterium citri*
- PORTUGAL:  
*Diplodia suberina*  
*Fusicladium erobotryae*  
*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*  
*Phylospora obtusa*  
*Puccinia ornithogali-thyrsoides*  
*Sorosporium consanguineum*
- UNKNOWN:  
*Bacterium citri*
- URUGUAY:  
*Ustilago rabenhorstiana*
- VENEZUELA:  
*Cercospora musae*  
*Dematium pullulans*  
*Diplodia paraphysaria*





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