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CURRENT SERIAL RECORDS



Cooperative
**ECONOMIC INSECT
REPORT**

Issued by

PLANT PROTECTION DIVISION

AGRICULTURAL RESEARCH SERVICE

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

PLANT PROTECTION DIVISION

ECONOMIC INSECT SURVEY AND DETECTION

The Cooperative Economic Insect Report is issued weekly as a service to American Agriculture. Its contents are compiled from information supplied by cooperating State, Federal, and industrial entomologists and other agricultural workers. In releasing this material the Division serves as a clearing house and does not assume responsibility for accuracy of the material.

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COOPERATIVE ECONOMIC INSECT REPORT**HIGHLIGHTS**Current Conditions

ARMY CUTWORM appearing on wheat in parts of Oklahoma. (p. 3).

GREENBUG remains light on small grains in Kansas and Oklahoma. (p. 3).

WINTER GRAIN MITE heavy on wheat in Oklahoma. (p. 3).

NORTHERN FOWL MITE troublesome on caged layers in northern Arkansas. (p. 4).

Prediction

CHINCH BUG not expected to be a problem in Illinois in 1971. (p. 3).

Detection

● An ANTHOMYIID FLY reported for first time from North America. Little is known concerning biology of this European species. This is a new Western Hemisphere record. (p. 5).

New State records include MERCHANT GRAIN BEETLE from Nevada (p. 5), and a CERAMBYCID BEETLE from Tennessee (p. 3).

For new county records see page 5.

Special Report

● Insect Detection in the United States in 1970. Eight new Western Hemisphere records reported. (pp. 6-14).

Reports in this issue are for week ending December 25 unless otherwise indicated.

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WEATHER OF THE WEEK ENDING DECEMBER 28

HIGHLIGHTS: The coldest weather of the season came to some Eastern States. Snow accumulated to over 100 inches in the higher mountains in Washington and to over 40 inches in parts of Maine.

PRECIPITATION: The week began with wet and windy weather in the Pacific States, rain or freezing rain in the central Great Plains, and dense fog in parts of the Deep South. Freezing rain or drizzle glazed roads from northeastern Kansas across northern Missouri, southern Iowa, and central Illinois and Indiana to parts of Michigan and Ohio. Dense fog in the South reduced visibility to near zero. A storm late Tuesday afternoon produced winds gusting to 63 m.p.h. at Hastings, Nebraska. Snow fell in the western mountains and Northern States. Rain was typical along the Pacific coast and in the Southeast. Areas of heaviest snow were the central and southern Rocky Mountains, and the Northeast from West Virginia to southern New England. At noon Tuesday, 21 inches of snow covered the ground at Flagstaff, Arizona. Most of this had fallen in the previous 48 hours. Late in the week, a large storm dumped heavy snow over the Northeast. Portland, Maine, received 17 inches of snow from the storm. December snowfall totaled over 52 inches and exceeded the previous record total for December by almost 18 inches. By Friday night, 40 inches of snow covered the ground at Eastport, Maine. By Saturday night, 45 inches of snow covered Augusta, Maine.

TEMPERATURE: Temperatures ranged widely last week. Roseau, Minnesota, registered 36° below zero Monday morning in contrast to afternoon readings in the 80's in southern Florida. Wednesday's highest reading at Devils Lake, North Dakota, was 9° below zero, following an early morning temperature of minus 18°. Wednesday's wintry blast plunged temperatures to below zero over the Nebraska Panhandle and held them below freezing throughout the day. While midday readings remained below zero in parts of North Dakota and Minnesota, record warmth continued in some Southeastern States. Macon, Georgia, recorded 82° Wednesday, the highest December temperature of record for that location. Record warmth in the Southeast on Wednesday was followed by much colder weekend weather. Cold weather gripped the entire Nation except the southern portion of the Florida Peninsula. Minimum temperatures at Gainesville, Florida, dropped from 60° Friday morning to 32° Saturday, and to 26° Sunday. Birmingham, Alabama, registered 17° Sunday morning, and freezing temperatures occurred along the gulf coast. Subzero temperatures occurred in the Colorado Rockies and in parts of the Great Basin. Tonopah, Nevada, registered 1° below zero Sunday morning. Temperatures averaged below normal over the northern two thirds of the Nation and above normal from Texas to Georgia and the Carolinas. The Great Basin, the northern Rocky Mountains, and the northern Great Plains averaged 6° to 15° colder than normal. (Summary supplied by Environmental Data Service, ESSA.)

SPECIAL INSECTS OF REGIONAL SIGNIFICANCE

ARMY CUTWORM (Chorizagrotis auxiliaris) - OKLAHOMA - Several larval stages moderate, up to 20 per square foot, in spots of early planted wheat in Kiowa County. (Okla. Coop. Sur.).

CORN LEAF APHID (Rhopalosiphum maidis) - KANSAS - Generally light in wheat surveyed in north-central, central, south-central, and southeast crop districts during period December 5-18. Heaviest counts in Jewell County, up to 10 per row foot, and up to 7.3 per row foot in Labette County. (Redding).

GREENBUG (Schizaphis graminum) - KANSAS - Light in wheat surveyed in north-central, central, south-central, and southeast crop districts during period December 5-18. Heaviest counts in Sedgwick and Harvey Counties, up to 36.3 and 29.3 per row foot, respectively. (Redding). OKLAHOMA - Counts per linear foot of wheat averaged 100 in Kiowa County and ranged 15-25 in Tillman and Jackson Counties. (Okla. Coop. Sur.).

SPOTTED ALFALFA APHID (Therioaphis maculata) - NEW MEXICO - Light in alfalfa near Roswell, Chaves County. (Mathews).

CORN, SORGHUM, SUGARCANE

CHINCH BUG (Blissus leucopterus) - ILLINOIS - Surveys completed. Populations noneconomic in all but one county. Heaviest count of 298.8 per square foot in Grundy County. State average 26.1 per square foot. Statewide population 4 times greater than 1969. Expect no economic problems for 1971. (Ill. Ins. Rpt.).

SMALL GRAINS

WINTER GRAIN MITE (Penthaleus major) - OKLAHOMA - Heavy on wheat in Kiowa County and light in Jackson County. Ranged 125-150 per linear foot in Tillman County. (Okla. Coop. Sur.).

TURF, PASTURES, RANGELAND

A BILLBUG (Sphenophorus phoeniciensis) - CALIFORNIA - Adults 15 per square yard in Tifgreen lawn at San Diego, San Diego County. (Cal. Coop. Rpt.).

FORAGE LEGUMES

EGYPTIAN ALFALFA WEEVIL (Hypera brunneipennis) - ARIZONA - First adults of season observed in 3 alfalfa fields at Parker Valley, Yuma County. (Ariz. Coop. Sur.).

PEA APHID (Acyrtosiphon pisum) - NEW MEXICO - Light on alfalfa in Chaves and Dona Ana Counties. (N.M. Coop. Rpt.).

SOYBEANS

A CERAMBYCID BEETLE (Dectes sayi) - TENNESSEE - Specimens collected on soybeans in Tipton County November 11, 1970, by H.D. Gordon. Determined by C.D. Gordon, confirmed by W.C. Johnson. This is a new State record. Specimens collected at West Tennessee Experiment Station, Madison County, November 20, by J.R. White. This is a new county record. (C.D. Gordon).

A CERAMBYCID BEETLE (Dectes texanus texanus) - NORTH CAROLINA - Surveys on December 8 and 9 indicate species occurs throughout most of Coastal Plains. Heaviest damage (up to 30 percent lodging) occurred in coastal counties where land cleared for soybean cultivation. Damage reported in Washington, Hyde, and Beaufort Counties as of December 18. (Hunt).

CITRUS

TEXAS CITRUS MITE (Eutetranychus banksi) - ARIZONA - Decreasing on lemon trees on Yuma Mesa, Yuma County. (Ariz. Coop. Sur.). CALIFORNIA - Infested oranges, tangerines, lemons, and grapefruit in Bard Valley, Imperial County. (Cal. Coop. Rpt.).

CITRUS RED MITE (Panonychus citri) - ARIZONA - Counts declined on leaves of citrus trees on Yuma Mesa, Yuma County. (Ariz. Coop. Sur.).

COTTONY-CUSHION SCALE (Icerya purchasi) - CALIFORNIA - Adults 2 per leaf on scattered trees in 10-acre lemon grove at Bard, Imperial County. (Cal. Coop. Rpt.).

OTHER TROP. & SUBTROP. FRUITS

NAVEL ORANGEWORM (Paramyelois transitella) - CALIFORNIA - Unusual infestation of one larva per nut in macadamia nuts locally at San Diego, San Diego County. (Cal. Coop. Rpt.).

ORNAMENTALS

A CONIFER APHID (Cinara tujafilina) - OKLAHOMA - Increasing on Payne County arborvitae. Older, undisturbed colonies range up to 75 aphids each and many small, newly formed colonies found in favorable locations. Numbers of alate aphids increased slightly but this stage still not common. (Okla. Coop. Sur.).

WHITE PEACH SCALE (Pseudaulacaspis pentagona) - VIRGINIA - Severe and widespread on Kwansan cherry in City of Alexandria. (Weidhaas).

MAN AND ANIMALS

SCREW-WORM (Cochliomyia hominivorax) - No cases reported in U.S. December 20-26. Total of 278 laboratory-confirmed cases reported in portion of Barrier Zone in Republic of Mexico as follows: Sonora 211, Chihuahua 31, Coahuila 7, Nuevo Leon 5, Tamaulipas 24. Total of 19 cases reported in Mexico south of Barrier Zone. Barrier Zone is area where eradication operation underway to prevent establishment of self-sustaining population in U.S. Sterile screw-worm flies released: Texas 11,568,000; Mexico 89,012,000. (Anim. Health Div.).

COMMON CATTLE GRUB (Hypoderma lineatum) - OKLAHOMA - Ranged 0-21 per head (averaged 8) on steers in Payne County. Moderate on Mayes County cattle. (Okla. Coop. Sur.).

SHORT-NOSED CATTLE LOUSE (Haematopinus eurysternus) - OKLAHOMA - Averaged less than 1 per hair part on Payne County steers. Light on cattle in Mayes County. (Okla. Coop. Sur.).

NORTHERN FOWL MITE (Ornithonyssus sylviarum) - ARKANSAS - Few reports of heavy infestations on caged layers in Benton County. (Boyer, Dec. 18).

BLOODSUCKING CONENOSE (Triatoma sanguisuga) - OKLAHOMA - Several adults and nymphs found in woodpile at Stillwater, Payne County. Probably feeding on wood rats in woodpile. (Okla. Coop. Sur.).

HOUSEHOLDS AND STRUCTURES

BROWN-BANDED COCKROACH (Supella longipalpa) - NEVADA - Heavy in home at Elko, Elko County, October 6, 1970. Collected by H. Voight. Determined by R.C. Bechtel. This is a new county record. (Bechtel).

AN EARWIG (Lapidura riparia) - ARIZONA - Number one household pest at Yuma, Yuma County. Also numerous in residential areas in central and southern parts of State. (Ariz. Coop. Sur.).

STORED PRODUCTS

MERCHANT GRAIN BEETLE (Oryzaephilus mercator) - NEVADA - Heavy in dog food in home at Las Vegas, Clark County, September 15, 1970. Collected by D. Barton. Determined by R.C. Bechtel. This is a new State record. (Bechtel).

BENEFICIAL INSECTS

A WEEVIL (Phrydiuchus spilmani) - OREGON - Additional release of 200+ adults in Lake County November 1970. About 350 adults released at 4 sites in October and November 1969. Fall examination revealed light populations of first generation present at release site one. Low egg counts at sites one and two indicated progeny would not result in high enough populations for control of Salvia aethiopsis (Mediterranean sage). Additional adult releases at or adjacent to these sites made to augment existing populations. (Isley). See CEIR 19(42):793 and 19(46):836. (PPD).

A PUNCTURE-VINE SEED WEEVIL (Microlarinus lareynii) - CALIFORNIA - Hibernating adults 3 per trunk on walnut trees at Butte City, Glenn County. This beneficial species host specific for puncture-vine, but seeks shelter on anything appropriate in fall and winter. (Cal. Coop. Rpt.).

HONEY BEE (Apis mellifera) - ARIZONA - Inspected 27 apiaries with 1,870 colonies during November; 541 colonies found dead. Burned 18 colonies infected with American foulbrood disease. (Ariz. Coop. Sur.).

FEDERAL AND STATE PLANT PROTECTION PROGRAMS

A GRASSHOPPER (Ageneotettix deorum) - NEVADA - Collected at Carson City, Ormsby County, August 20, 1970, by J.R. Adams. Determined by R.C. Bechtel. This is a new county record. (Bechtel).

DETECTION

New Western Hemisphere Record - AN ANTHOMYIID FLY (Emmesomyia socia (Fallen)) - NEW YORK - Two adult males collected from cells of Oxybelus uniglumis quadrinotatus (a sphecid wasp) August 6 and 8, 1970, south of Auburn, Cayuga County, by D.J. Peckham. Determined by G.C. Steyskal. This fly is a European species and was probably introduced into this country in soil. Little is known concerning the biological aspects of this species. (PPD).

New State Records - A CERAMBYCID BEETLE (Dectes sayi) TENNESSEE - Tipton County (p. 3). MERCHANT GRAIN BEETLE (Oryzaephilus mercator) NEVADA - Clark County (p. 5).

New County Records - BROWN-BANDED COCKROACH (Supella longipalpa) NEVADA - Elko (p. 4). A CERAMBYCID BEETLE (Dectes sayi) TENNESSEE - Madison (p. 3). A GRASSHOPPER (Ageneotettix deorum) NEVADA - Ormsby (p. 5).

LIGHT TRAP COLLECTIONS

Florida - Gainesville, 12/18-22, BL - Armyworm (Pseudaletia unipuncta) 1, black cutworm (Agrotis ipsilon) 1, granulate cutworm (Feltia subterranea) 4.

INSECT DETECTION IN THE UNITED STATES - 1970

Eleven new United States records were reported in the Cooperative Economic Insect Report during the year. These included 8 species new to the Western Hemisphere - 7 in Hawaii and 1 in New York. There were also 123 new State records reported. States having 5 or more were Hawaii 17, Oregon 10, Utah 10, California 9, Pennsylvania 9, Arizona 6, Missouri 6, Florida 5, West Virginia 5, and Wisconsin 5. These reports included 1 flatworm, 1 nematode, and one slug, as well as insects and related arthropods.

NEW UNITED STATES RECORDS

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Probable Origin</u>	<u>Collected on</u>	<u>CEIR Page</u>	<u>Economic Importance</u>
<u>Brachycolus asparagi</u> Mordvilko 1/ <u>asparagus aphid</u>	New York	Suffolk	Eastern Europe or Mediterranean area	<u>Agrostis alba</u>	156	Could be serious on asparagus, the only known host
<u>Cupes clathratus</u> Solsky 2/ <u>a cupesid beetle</u>	Hawaii	Oahu Island	Asia	log	546	Could be important
<u>Formicomus imperator</u> (LaFerte) 2/ <u>an anthicid beetle</u>	Hawaii	Oahu Island	Micronesia, India, or Japan	-	632	a micro-scavenger
<u>Lardoglyphus konoii</u> (Sasa & Asanuma) 2/ <u>an acarid mite</u>	Hawaii	Oahu Island	Japan, India, or England	Dermestes Colony	317	Economic on dried seafood
<u>Liris laboriosa</u> (Smith) 2/ <u>a Sphecid wasp</u>	Hawaii	Oahu Island	Southeast Asia	Insect Collection	785	Noneconomic
<u>Melormenis antillarum</u> (Kirkaldy) <u>a flatid bug</u>	Hawaii	Hawaii Island	Puerto Rico, West Indies	Guava	793	General feeder
<u>Neolasioptera portulacae</u> (Cook) 3/ <u>a gall midge</u>	Florida	Broward	Cuba, St. Vincent	<u>Portulaca oleracea</u>	213	Little known
<u>Ooencyrtus guamensis</u> (Fullaway) 2/ <u>an encyrtid wasp</u>	Hawaii	Oahu Island	Guam	Corn	689	Beneficial

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Probable Origin</u>	<u>Collected on</u>	<u>CEIR Page</u>	<u>Economic Importance</u>
<u>Pineus pini</u> (Macquart) <u>2/</u> an adelgid	Hawaii	Oahu Island	Palearctic	Pinus <u>pinaster</u>	413	Could be important
<u>Tribolium audax</u> Halstead <u>3/</u> a darkling beetle	Utah	Millard	Original description	-	396	Could be important
<u>Xanthopimpla punctata</u> (Fabricius) <u>2/</u> an ichneumon wasp	Hawaii	Oahu Island	Indo-Australian region	-	704	Parasitic on tortricid and pyralid borers

1/ New Western Hemisphere record.

2/ New Western Hemisphere record, but not known to occur in continental United States.

3/ New North American record.

ADDITIONAL NEW STATE RECORDS

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Collected on</u>	<u>CEIR Page</u>
<u>Acanthoscelides aureolus</u> a seed beetle	Utah	Millard	seeds of <u>Astragalus</u> <u>pattersoni</u>	760
<u>Acerophagus texanus</u> an encyrtid wasp	Hawaii	Oahu 4/	-	689
<u>Acrobasis betulella</u> birch tube maker	Pennsylvania	Bradford	white birch	520
<u>Adelges tsugae</u> an adelgid	Pennsylvania	Montgomery	eastern hem- lock	561
<u>Aeolus livens</u> a wireworm	Washington	Yakima	-	61
<u>Aglossa pinguinalis</u> a pyralid moth	Oregon	Umatilla	feed mill trash	775
<u>Aleyrodes spiraeoides</u> a whitefly	Texas	El Paso	iris	102
<u>Amblycerus robiniae</u> a seed beetle	California	Sacramento	Pods of honeylocust	701
<u>Apamea indocilis</u> a noctuid moth	California	Humboldt	light trap	5
<u>Apanteles cinctiformis</u> a braconid	Pennsylvania	Montgomery	-	523
<u>Apanteles miantonomoi</u> a braconid	Pennsylvania	Berks	-	567
<u>Aphis hederæ</u> ivy aphid	Oklahoma	Payne	English ivy	298
<u>Aphis helianthi</u> an aphid	Oklahoma	Payne	wild sunflower	736
<u>Aphodius haemorrhoidalis</u> a scarab	Oregon	Benton	turkey farm	593
<u>Aphodius washtucna</u> a scarab	Oregon	Jefferson	nest of sage vole <u>Lagurus</u> <u>curtatus</u>	544
<u>Apion longirostre</u> hollyhock weevil	Delaware	New Castle	hollyhock buds	408
<u>Bakericheyla chanayi</u> a cheyletid mite	Hawaii	Oahu 4/	shama <u>Copsyclus</u> <u>malabaricus</u>	316

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Collected on</u>	<u>CEIR Page</u>
<u>Bipalium kewense</u> a planarian flatworm	Arizona	Maricopa	-	16
<u>Brachycolus asparagi</u> asparagus aphid	New Jersey	Middlesex	asparagus	156
	Pennsylvania	Bucks	asparagus	658
	Virginia	Montgomery	asparagus	759
<u>Calomycterus setarius</u> a Japanese weevil	Minnesota	Fillmore	residence	677
<u>Camponotus subbarbatus</u> a carpenter ant	West Virginia	Hampshire	-	214
<u>Cecidophyopsis psilaspis</u> an eriophyid mite	Washington	Pierce	<u>Taxus</u> sp. buds	369
<u>Chrysops indus</u> a deer fly	South Dakota	Deuel	-	251
<u>Cinara palmerae</u> a conifer aphid	Maryland	Prince Georges	blue spruce	712
<u>Coleophora laricella</u> larch casebearer	Oregon	Umatilla	<u>Larix</u> <u>occidentalis</u>	541
<u>Crioceris asparagi</u> asparagus beetle	Nevada	Churchill	asparagus	192
<u>Crioceris duodecimpunctata</u> spotted asparagus beetle	Nevada	Churchill	asparagus	192
<u>Culex tarsalis</u> a mosquito	Pennsylvania	Cumberland	pool in drainage ditchbed	723
<u>Curculio caryae</u> pecan weevil	New Mexico	Otero	soil	355
<u>Diabrotica longicornis</u> northern corn rootworm	North Carolina	Caldwell	cornsilks	757
<u>Diabrotica virgifera</u> western corn rootworm	Utah	Weber	corn	842
<u>Diacrita plana</u> an otitid fly	Arizona	Coconino	windows of inspection station	777
<u>Dysaphis tulipae</u> tulip bulb aphid	Hawaii	Hawaii 4/	carrot leaves	104
<u>Elatobium abietinum</u> spruce aphid	North Carolina	Buncombe	<u>Picea glauca</u>	103
<u>Eriococcus carolinae</u> an eriococcid scale	Maryland	Worcester	beachgrass	797

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Collected on</u>	<u>CEIR Page</u>
<u>Erynniopsis rondanii</u> a tachina fly	Oregon	Jackson	<u>Pyrrhalta</u> <u>luteola</u>	723
<u>Euxoa ochrogaster</u> red-backed cutworm	California	Modoc	light trap	777
<u>Formica obscuripes raveda</u> an ant	Utah	Cache	-	246
<u>Formica perpilosa</u> an ant	Utah	Garfield	-	246
<u>Formica pruinosa</u> an ant	Utah	Cache	-	246
<u>Formica subnitens</u> an ant	Utah	Utah	-	246
<u>Gargaphia arizonica</u> a tingid	California	Imperial	hollyhock plants	798
<u>Heliothis stombleri</u> Stomblor moth	Arizona	Maricopa	-	81
	Florida	Alachua	-	81
	Texas	Cameron	blacklight traps, <u>Ruellia</u> sp.	558
<u>Herculia intermedialis</u> a pyralid moth	Missouri	Boone	lights	4
<u>Heterodera lespedezae</u> a nematode	Illinois	Hamilton	soybean field	353
<u>Holcencyrtus physokermis</u> an encyrtid wasp	Oregon	Jackson	<u>Physokermes</u> <u>piceae</u>	775
<u>Homalopoda cristata</u> an encyrtid wasp	Hawaii	Oahu 4/	<u>Duplaspidiotus</u> <u>claviger</u>	525
<u>Hylephila phylaeus</u> a skipper	Hawaii	Oahu 4/	Bermuda grass	704
<u>Hylobius pales</u> pales weevil	Missouri	St. Charles	Scotch pine	610
<u>Hypera meles</u> clover head weevil	Florida	Gadsden	crimson clover	535
<u>Hypera nigrirostris</u> lesser clover leaf weevil	Florida	Gadsden	crimson clover	311
<u>Hypera postica</u> alfalfa weevil	Arizona	Mohave	alfalfa	81
	Florida	Alachua	alfalfa	191
	Minnesota	Houston	-	352

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Collected on</u>	<u>CEIR Page</u>
<u>Idona minuenda</u> a leafhopper	California	Los Angeles	<u>Schinus terebinthifolia</u>	407
<u>Latheticus oryzae</u> a darkling beetle	Idaho	Jefferson	barley sample	342
<u>Lepidosaphes yanagicola</u> an armored scale	West Virginia	Cabell	<u>Euonymus elatus</u>	609
<u>Limax flavus</u> tawny garden slug	Nevada	Washoe	home	387
<u>Liosomaphis berberidis</u> an aphid	Idaho	Twin Falls	Oregon-grape	748
<u>Lonchaea polita</u> a lonchaeid fly	Hawaii	Oahu 4/	-	50
<u>Lonchaea striatifrons</u> a lonchaeid fly	Hawaii	Lanai 4/	-	50
<u>Loxosceles reclusa</u> brown recluse spider	Colorado	Otero	bit woman	591
	Pennsylvania	Cumberland	machine shop	237
<u>Loxosceles rufescens</u> a scytodid spider	Pennsylvania	Luzerne	machine shop	237
<u>Macronoctua onusta</u> iris borer	California	Sacramento	iris	479
<u>Magacicada septendecula</u> a periodical cicada	Maryland	Prince Georges	-	369
<u>Megachile concinna</u> a leafcutting bee	Utah	Salt Lake	-	186
<u>Megaselia rufipes</u> a humpbacked fly	Hawaii	Oahu 4/	light trap	569
<u>Melanaspis aliena</u> an armored scale	Hawaii	Hawaii	<u>Cymbidium</u>	104
<u>Microctonus aethiops</u> a braconid	Maryland	Frederick	<u>Hypera postica</u>	83
<u>Monomorium viridum</u> <u>peninsulatum</u> an ant	Utah	Garfield	-	246
<u>Nasonovia ribisnigri</u> an aphid	Hawaii	Hawaii	flowers of <u>Crepis japonica</u>	159
<u>Nemapogon granella</u> European grain moth	Delaware	New Castle	shredded coconut	158

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Collected on</u>	<u>CEIR Page</u>
<u>Norape ovina</u> a megalopygid moth	South Carolina	York	redbud	712
<u>Oedostethus femoralis</u> a click beetle	Wisconsin	Milwaukee	Japanese beetle traps	323
<u>Opeia obscura</u> a grasshopper	Nevada	Clark	alfalfa	192
<u>Ophionyssus natricis</u> a dermanyssid mite	Hawaii	Oahu 4/	boa constrictor	413
<u>Oulema palustris</u> a leaf beetle	Wisconsin	Iowa	oats	535
<u>Oxysarcodexia ochripyga</u> a sarcophagid fly	Arizona	Yuma	McPhail trap	842
<u>Pachysomoides stupidus</u> an ichneumon wasp	Hawaii	Oahu 4/	-	704
<u>Palorus subdepressus</u> a darkling beetle	Wisconsin	Milwaukee	blacklight trap at warehouse	103
<u>Passaloecus ithacae</u> a sphecid wasp	Hawaii	Oahu 4/	-	525
<u>Pediacus depressus</u> a flat bark beetle	Wisconsin	Milwaukee	blacklight trap at warehouse	103
<u>Pegomya rubivora</u> raspberry cane maggot	West Virginia	Boone	-	675
<u>Pemphigus monophagus</u> an aphid	Utah	Rich	<u>Populus angustifolia</u>	759
<u>Periplaneta brunnea</u> brown cockroach	California	Los Angeles	apartment	174
<u>Pheidole bicarinata longula</u> an ant	Utah	Garfield	-	246
<u>Phloetribus frontalis</u> a scolytid	West Virginia	Grant	red mulberry	588
<u>Phyllophaga knochi</u> a scarab	Ohio	Portage	light trap	336
<u>Physokermes piceae</u> spruce bud scale	Oregon	Jackson	twigs of Engelmann and blue spruce	774
<u>Pineus sylvestris</u> a phylloxera	Arizona	Maricopa	black pine	298

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Collected on</u>	<u>CEIR Page</u>
<u>Pissodes approximatus</u> northern pine weevil	Missouri	Boone	Scotch pine	610
<u>Pissodes strobi</u> white-pine weevil	South Carolina	Pickens	white pine	610
<u>Platytetranychus thujae</u> a spider mite	New Hampshire	Strafford	arborvitae	520
<u>Pogonomyrmex salinus</u> a harvester ant	Idaho	Oneida	-	401
<u>Pyrrhalta luteola</u> elm leaf beetle	South Dakota	Yankton	-	132
<u>Rhyacionia buoliana</u> European pine shoot moth	Nebraska	Lancaster	Austrian pine	738
<u>Rhyncolus spretus</u> a weevil	Oregon	Marion	<u>Cornus nuttallii</u>	774
<u>Scolytus multistriatus</u> smaller European elm bark beetle	Wyoming	Laramie	American elm	791
<u>Scutigerebella causeyae</u> a symphylan	Missouri	Maries	-	192
<u>Sehirus cinctus albonotatus</u> a cydnid bug	Oregon	Jackson	<u>Purshia tridentata</u>	772
<u>Semiothisa santaremaria</u> a geometrid moth	Hawaii	Oahu 4/	light trap	826
<u>Sibine stimulea</u> saddleback caterpillar	Michigan	St. Joseph	cornfield	735
<u>Sideridis rosea</u> a noctuid moth	California	Humboldt	light trap	5
<u>Siteroptes reniformis</u> a pyemotid mite	Hawaii	Oahu 4/	rice plants	631
<u>Spodoptera exigua</u> beet armyworm	North Carolina	Robeson	soybeans	772
<u>Stephanitis takeyai</u> a lace bug	Pennsylvania	Dauphin	<u>Pieris japonica</u>	408
<u>Stibadium spumosum</u> a noctuid moth	Arkansas	Crittenden	sunflower	3
<u>Tephritis subpura</u> a tephritid fly	Louisiana	Plaquemines Parish	citrus	82
<u>Tetranychus canadensis</u> a spider mite	Florida	Orange	<u>Cercis canadensis</u>	759

<u>Species</u>	<u>State</u>	<u>County</u>	<u>Collected on</u>	<u>CEIR Page</u>
<u>Trachyphloeus bifoveolatus</u> a weevil	Wisconsin	Shawano	house	483
<u>Tribolium brevicornis</u> a darkling beetle	Idaho	Canyon	<u>Megachile rotundata</u>	410
<u>Trogoderma variabile</u> a dermestid beetle	Hawaii	Oahu <u>4/</u>	trogotrap	750
<u>Trox suberosus</u> a scarab	Hawaii	Oahu <u>4/</u>	blacklight trap	561
<u>Walshia miscecolorella</u> a walshiid moth	Missouri	Boone	lights	790
<u>Xiphydria maculata</u> a xiphydriid wasp	West Virginia	Kanawha	sugar maple tree	675
<u>Xyleborus ferrugineus</u> an ambrosia beetle	Missouri	Dent	buttress roots of <u>Quercus velutina</u>	237
<u>Xylomyges dolosa</u> a noctuid moth	Oregon	Clackamas	sex attractant trap	589
<u>Zeiraphera vancouverana</u> an olethreutid moth	California	Humboldt	<u>Picea sitchensis</u>	448

4/ Island records.

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