

Common Names of Insects (1975 REVISION)

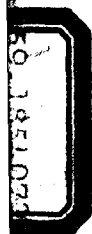
D. M. Anderson, *Chairman*

Committee on Common Names of Insects

APPROVED BY THE ENTOMOLOGICAL SOCIETY OF AMERICA

SPECIAL PUBLICATION 75-1

February 1975



Common Names of Insects

APPROVED BY THE ENTOMOLOGICAL SOCIETY OF AMERICA

D. M. ANDERSON, *Chairman, Committee on Common Names of Insects*

SECTION I. Insects Listed by Common Names	Page 2
SECTION II. Insects Listed by Scientific Names	Page 18
SECTION III. Phylum, Class, Order, and Family Names	Page 34

This list contains all common names approved by the Society for insects and other invertebrate animals commonly included in the field of entomology. It supersedes earlier lists sponsored by the Society and by the former American Association of Economic Entomologists. Names have been added and other changes made where required by action of the Committee and Society or by improved knowledge of taxonomy. Authors' surnames are given in full in accordance with a decision¹ announced earlier.

The *Committee on Common Names of Insects* has attempted to establish and maintain standards by which names proposed for addition to the approved list are to be accepted or rejected. Published recommendations² have served as general guides for the present Committee. The rules and recommendations concerning common names are presented here.

Rules and Recommendations

1. Included species will in most cases inhabit the United States, Canada, or their possessions and territories. In special cases other species may be added.

2. The list is intended to include those insects and other invertebrates commonly of concern to entomologists because of their economic importance, striking appearance, abundant occurrence, of any other sufficient reason.

3. A common name should consist of three words or less, but four are permissible if reasons are sufficient.

4. Most names have two parts, one indicating the family or group, and the other a modifier. In the case of names having two parts, one of them a group name as given in Section III, the group name will be a separate word when used in a sense that is systematically correct as in "house fly" and "bed bug". If the group name used is not systematically correct, it should be combined in a single word with a modifier as in the examples "citrus whitefly" and "citrus mealybug". The modifying part of the name should be based on some outstanding characteristic of the insect itself, its damage, host, or distribution. Hyphens between modifying words should be used only if the meaning is otherwise obscure. In this revision many hyphens have been removed and the words combined as was done for common names of weeds.³

5. The use of parts of the scientific name in the common name is undesirable unless the words involved are thoroughly established by usage as a common name.

6. Only in special cases should a species have more than one common name.

7. In the case of insects warranting special concern in both the larval and adult stages the name preferably should be one suggested by the appearance or habits of the more important or better known stage or by the one for which usage has established the better name.

8. In all cases involving the adoption of new common names or changes in those previously established, the fullest consideration should be given to past usage and probable future usage. If practical, the considered opinions of entomologists experienced with the insects concerned should be obtained before names are proposed. **Members who wish to recommend new names or changes in existing names should accept the responsibility for making the necessary investigation. All available evidence, both for and against, on the appropriateness of and need for each proposed name should accompany the proposal when it is submitted to the Committee Chairman.**

Committee Procedures

Following receipt of a proposal, the Committee considers the evidence and votes on the case. Proposals receiving Committee approval (at least seven of the nine committeemen must approve) are published in the *BULLETIN OF THE ENTOMOLOGICAL SOCIETY OF AMERICA*. Any Society member disapproving a proposal may send his objections and evidence opposing the proposal to the Committee in the 30-day period after publication. If substantial objections to a proposal are received, the committee reconsiders the case and makes a final decision. Notice of final adoption or rejection of the proposal is then published in a later *BULLETIN OF THE ENTOMOLOGICAL SOCIETY OF AMERICA*. The essential features of the foregoing procedures are provided for by the By-Laws of the Society.

The scientific names in this list have been checked by taxonomists in the Systematic Entomology Laboratory of the Agricultural Research Service and the Department of Entomology, Smithsonian Institution, except those in a few restricted groups on which outside specialists have been consulted. The scientific names shown are those said to be in current use.

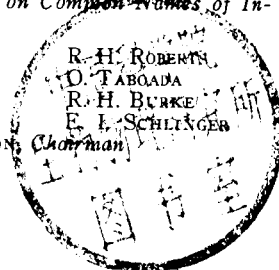
Arrangement of Names

In the first two sections of the list each name is accompanied by a symbol composed of a Roman numeral and a number or a letter and a number. These symbols refer to the order and family groups listed in Section III.

Phyla, classes, orders, and families are listed in Section III. The phyla and classes are arranged systematically. Orders and families are arranged alphabetically under the appropriate classes. Each non-insect order is assigned a Roman numeral (followed, in symbolizing individual species, by a hyphen); each insect order a letter of the alphabet. Families are numbered consecutively according to their alphabetical arrangement, except for a few added since the original arrangement. Thus the systematic position of any species may be determined by noting the accompanying symbol and referring to Section III.

Members of the *Committee on Common Names of Insects*, 1970.

L. L. PECHUMAN
D. C. RENTZ
D. W. S. SOUTHERLAND
J. D. LATTIN
D. M. ANDERSON, *Chairman*



¹ BULL. ENTOMOL. SOC. AMER. 4(1): 14 (1958).

² J. ECON. ENTOMOL. 16: 21-24 (1923); 35: 795-797 (1942); 46: 207-211 (1953).

³ Weeds 14(4): 347-386 (1966).

SECTION I. INSECTS LISTED BY COMMON NAMES

- abbreviated wireworm - V22 *Hypolithus abbreviatus* (Say)
 achemon sphinx - U46 *Eumorphia achemon* (Drury)
 acuteangled fungus beetle - V17 *Cryptophagus acutangulus* Gyllenhal
 African mole cricket - HHHH6 *Gryllotalpa africana* Palisot de Beauvois
 ailanthus webworm - U20 *Atteva punctella* (Cramer)
 alder bark beetle - V42 *Amphagus aspericollis* (LeConte)
 alder flea beetle - V13 *Altica ambiens* LeConte
 alder spittlebug - QQ4 *Clastoptera obtusa* (Say)
 alfalfa blotch leafminer - X1 *Agromyza frontella* (Rondani)
 alfalfa caterpillar - U37 *Colias eurytheme* Boisduval
 alfalfa gall midge - X6 *Asphondylia websteri* Felt
 alfalfa leafcutting bee - W17 *Megachile rotundata* (Fabricius)
 alfalfa looper - U29 *Autographa californica* (Speyer)
 alfalfa plant bug - Q11 *Adelphocoris lineolatus* (Goeze)
 alfalfa seed chalcid - W13 *Bruchophagus roddi* (Gussakovsky)
 alfalfa snout beetle - V19 *Brachyrhinus ligustici* (Linnaeus)
 alfalfa webworm - U41 *Loxostege commixtalis* (Walker)
 alfalfa weevil - V19 *Hypera postica* (Gyllenhal)
 alkali bee - W15 *Nomia melanderi* Cockerell
 Allegheny mound ant - W14 *Formica exsectoides* Forel
 Allegheny spruce beetle - V42 *Dendroctonus punctatus* LeConte
 almond moth - U41 *Cadra cautella* (Walker)
 American aspen beetle - V13 *Gonioctena americana* (Schaeffer)
 American cockroach - H3 *Periplaneta americana* (Linnaeus)
 American dagger moth - U29 *Acronicta americana* (Harris)
 American dog tick - XXIV-8 *Dermacentor variabilis* (Say)
 American grasshopper - HHHH11 *Schistocerca americana* (Drury)
 American house dust mite - XXIV-4 (near) *Dermatophagoides farinae* Hughes
 American plum borer - U41 *Eusophora semifuneralis* (Walker)
 American spider beetle - V40 *Mezium americanum* (Laporte)
 Angoragoat biting louse - N4 *Bovicola limbatus* (Gervais)
 Angoumois grain moth - U13 *Sitotroga cerealella* (Olivier)
 angularwinged katydid - HHHH2 *Microcentrum retinerve* (Burmeister)
 apple-and-thorn skeletonizer - U15 *Anthophila pariana* (Clerck)
 apple aphid - QQ2 *Aphis pomi* De Geer
 apple bark borer - U1 *Synanthedon pyri* (Harris)
 apple barkminer - U16 *Marmara elotella* (Busck)
 apple curculio - V19 *Tachypterellus quadrigibbus* (Say)
 apple flea weevil - V19 *Rhynchaenus pallicornis* (Say)
 apple fruitminer - U16 *Marmara pomonella* Busck
 apple fruit moth - U20 *Argyresthia conjugella* Zeller
 apple grain aphid - QQ2 *Rhopalosiphum fitchii* (Sanderson)
 apple leafhopper - QQ6 *Empoasca maligna* (Walsh)
 appleleaf skeletonizer - U41 *Psorosina hammondi* (Riley)
 appleleaf trumpet miner - U48 *Tischeria malifoliella* Clemens
 apple maggot - X35 *Rhagoletis pomonella* (Walsh)
 apple mealybug - QQ18 *Phenacoccus aceris* (Signoret)
 apple red bug - Q11 *Lygidea mendax* Reuter
 apple rust mite - XXIV-6 *Aculus schlechtendali* (Nalepa)
 apple seed chalcid - W27 *Torymus varians* (Walker)
 apple sucker - QQ19 *Psylla mali* (Schmidberger)
 apple twig beetle - V42 *Hypothenemus obscurus* (Fabricius)
 apple twig borer - V5 *Amphicerus bicaudatus* (Say)
 arborvitae leafminer - U20 *Argyresthia thuella* (Packard)
 arborvitae weevil - V19 *Phyllobius intrusus* Kono
 Argentine ant - W14 *Iridomyrmex humilis* (Mayr)
 argus tortoise beetle - V13 *Chelymorpha cassidea* (Fabricius)
 army cutworm - U29 *Euxoa auxiliaris* (Grote)
 armyworm - U29 *Pseudaletia unipuncta* (Haworth)
 artichoke plume moth - U40 *Platyptilia carduidactyla* (Riley)
 ash borer - U1 *Podosecia syringae fraxini* Lugger
 ashgray blister beetle - V32 *Epicauta fabricii* (LeConte)
 ash plant bug - Q11 *Tropidosteptes amoenus* Reuter
 Asiatic garden beetle - V41 *Maladera castanea* (Arrow)
 Asiatic oak weevil - V19 *Cyrtopistomus castaneus* (Roelofs)
 Asiatic rice borer - U41 *Chilo suppressalis* (Walker)
 asparagus beetle - V13 *Crioceris asparagi* (Linnaeus)
 asparagus miner - X1 *Ophiomyia simplex* (Lcew.)
 aspen blotchminer - U16 *Lithocolletis tremuloidiella* Braun
 aspen leaf beetle - V13 *Chrysomela crotchii* Brown
 aster leafhopper - QQ6 *Macrostelus fascifrons* (Stål)
 Australian cockroach - H3 *Periplaneta australasiae* (Fabricius)
 Australianpine borer - V8 *Chrysobothris tranquebarica* (Gmelin)
 Australian spider beetle - V40 *Pinus ocellus* Brown
 avocado brown mite - XXIV-14 *Oligonychus punicae* (Hirst)
 avocado red mite - XXIV-14 *Oligonychus yothersi* (McGregor)
 avocado whitefly - QQ1 *Trialeurodes floridensis* (Quaintance)
 azalea bark scale - QQ20 *Eriococcus azaleae* Comstock
 azalea lace bug - Q20 *Stephanitis pyrioides* Scott
 azalea leafminer - U16 *Gracillaria azaleella* Brants
 azalea whitefly - QQ1 *Pealius azaleae* (Baker & Moles)
 bagworm - U39 *Thyridopteryx ephemeraeformis* (Haworth)
 baldfaced hornet - W29 *Vespa maculata* (Linnaeus)
 balsam fir sawfly - W12 *Neodiprion abietis* (Harris)
 balsam fir sawyer - W12 *Monochamus marmorator* Kirby
 balsam gall midge - X6 *Dasineura balsamicola* (Lintner)
 balsam shootboring sawfly - W32 *Pleroneura brunneicornis* Rohwer
 balsam twig aphid - QQ2 *Mindarus abietinus* Koch
 balsam woolly aphid - QQ5 *Adelges piceae* (Ratzeburg)
 bamboo powderpost beetle - V5 *Dinoderus minutus* (Fabricius)
 banana root borer - V19 *Cosmopolites sordidus* (Germar)
 banded alder borer - V12 *Rosalia funebris* Motschulsky
 banded cucumber beetle - V13 *Diabrotica balteata* LeConte
 banded greenhouse thrips - P4 *Hercinothrips femoralis* (O. M. Reuter)
 banded hickory borer - V12 *Cerasphorus cinctus* (Drury)
 banded sunflower moth - U35 *Phalonia hospes* (Walsingham)
 bandedwing whitefly - QQ1 *Trialeurodes abutilonea* (Haldeman)
 banded wood snail - I-2 *Cepaea nemoralis* (Linnaeus)

- banded woollybear - U2.....*Isia isabella* (J. E. Smith)
 Banks grass mite - XXIV-14.....*Oligonychus pratensis* (Banks)
 barley jointworm - W13.....*Harmolita hordei* (Harris)
 barberpole caterpillar - U41.....*Mimoschima rufofascialis* (Stephens)
 barnacle scale - QQ8.....*Ceroplastes cirripediformis* Comstock
 basswood lace bug - Q20.....*Gargaphia tiliae* (Walsh)
 basswood leafminer - V13.....*Baliosus ruber* (Weber)
 basswood leafroller - U41.....*Pantographa limata* Grote & Robinson
 bean aphid - QQ2.....*Aphis fabae* Scopoli
 bean leaf beetle - V13.....*Cerotoma trifurcata* (Forster)
 bean leafroller - U19.....*Urbanus proteus* (Linnaeus)
 bean leafskeletonizer - U29.....*Autoplusia egea* (Guenée)
 bean stalk weevil - V19.....*Sternuchus paludatus* (Casey)
 bean thrips - P4.....*Caliothrips fasciatus* (Pergande)
 bean weevil - V7.....*Acanthoscelides obtectus* (Say)
 bed bug - Q5.....*Cimex lectularius* Linnaeus
 beech blight aphid - QQ2.....*Prociophilus imbricator* (Fitch)
 beech scale - QQ20.....*Cryptococcus fagisuga* Lindinger
 beet armyworm - U29.....*Spodoptera exigua* (Hübner)
 beet leaf beetle - V13.....*Erynephala puncticollis* (Say)
 beet leafhopper - QQ6.....*Circulifer tenellus* (Baker)
 beet leafminer - X18.....*Pegomya betae* (Curtis)
 beet webworm - U41.....*Loxostege sticticalis* (Linnaeus)
 bella moth - U2.....*Utetheisa ornatrix bella* (Linnaeus)
 Bermudagrass mite - XXIV-6.....*Aceria cynodontensis* Sayed
 berthia armyworm - U29.....*Mamestra configurata* Walker
 bidens borer - U33.....*Epiblema otiosum* (Clemens)
 bigheaded ant - W14.....*Pheidole megacephala* (Fabricius)
 birch bark beetle - V42.....*Dryocoetes belulae* Hopkins
 birch casebearer - U5.....*Coleophora fuscedinella* Zeller
 birch leafminer - W25.....*Fennusa pusilla* (Lepeletier)
 birch sawfly - W4.....*Arge pectoralis* (Leach)
 birch skeletonizer - U26.....*Bucculatrix canadensisella* Chambers
 birch tubemaker - U41.....*Acrobasis betulella* Hulst
 bird tick - XXIV-8.....*Haemaphysalis chordeilis* (Packard)
 black army cutworm - U29.....*Actebia fennica* (Tauscher)
 blackbellied clerid - V15.....*Enoclerus lecontei* (Wolcott)
 black blister beetle - V32.....*Epicauta pennsylvanica* (De Geer)
 black blow fly - X5.....*Phormia regina* (Meigen)
 black carpenter ant - W14.....*Camponotus pennsylvanicus* (De Geer)
 black carpet beetle - V20.....*Attagenus megatoma* (Fabricius)
 black cherry aphid - QQ2.....*Myzus cerasi* (Fabricius)
 black cherry fruit fly - X35.....*Rhagoletis fausta* (Osten Sacken)
 black citrus aphid - QQ2.....*Toxoptera aurantii* (Fonscolombe)
 black cutworm - U29.....*Agrotis ipsilon* (Hufnagel)
 black elm bark weevil - V19.....*Magdalis barbata* (Say)
 blackfaced leafhopper - QQ6.....*Graminella nigrifrons* (Forbes)
 black flour beetle - V46.....*Tribolium audax* Halstead
 black fungus beetle - V46.....*Alphitobius laevigatus* (Fabricius)
 black grain stem sawfly - W6.....*Cephus tabidus* (Fabricius)
 blackheaded ash sawfly - W25.....*Tethida cordigera* (Palisot de Beauvois)
 blackheaded fireworm - U33.....*Rhopobota naevana* (Hübner)
 blackheaded pine sawfly - W12.....*Neodiprion exicans* Rohwer
 blackhorned pine borer - V12.....*Callidium antennatum hesperum* Casey
 blackhorned tree cricket - HHHH5.....*Oecanthus nigricornis* F. Walker
 black horse fly - X33.....*Tabanus atratus* Fabricius
 black imported fire ant - W14.....*Solenopsis richteri* Forel
 black lady beetle - V16.....*Rhizobius ventralis* (Erichson)
 black larder beetle - V20.....*Dermestes ater* De Geer
 blacklegged tick - XXIV-8.....*Ixodops scapularis* Say
 blacklegged tortoise beetle - V13.....*Jonthonota nigripes* (Olivier)
 blackmargined aphid - QQ2.....*Monellia costalis* (Fitch)
 black peach aphid - QQ2.....*Brachycaudus persicae* (Passerini)
 black pecan aphid - QQ2.....*Tinocallis caryaefoliae* (Davis)
 black pineleaf scale - QQ11.....*Nuculaspis californica* (Coleman)
 black scale - QQ8.....*Saissetia oleae* (Bernard)
 black swallowtail - U34.....*Papilio polyxenes asterius* Stoll
 black thread scale - QQ11.....*Ischnaspis longirostris* (Signoret)
 black turpentine beetle - V42.....*Dendroctonus terebrans* (Olivier)
 black vine weevil - V19.....*Brachyrhinus sulcatus* (Fabricius)
 black widow spider - XXIII-11.....*Latrodectus mactans* (Fabricius)
 bloodsucking conenose - Q18.....*Triatoma sanguisuga* (LeConte)
 blueberry bud mite - XXIV-6.....*Acalitus vaccinii* (Keifer)
 blueberry case beetle - V13.....*Chlamisus cribripennis* (LeConte)
 blueberry flea beetle - V13.....*Altica sylvia* Malloch
 blueberry maggot - X35.....*Rhagoletis mendax* Curran
 blueberry thrips - P4.....*Frankliniella vaccinii* Morgan
 blueberry tip midge - X6.....*Contarinia vaccinii* Felt
 blue cactus borer - U41.....*Melitara dentata* (Grote)
 bluegrass billbug - V19.....*Sphenophorus parvulus* Gyllenhal
 bluegrass webworm - U41.....*Crambus teterrellus* (Zincken)
 blue horntail - W23.....*Sirex cyaneus* Fabricius
 bluntnosed cranberry leafhopper - QQ6.....*Scleroracis vaccinii* (Van Duzee)
 body louse - O4.....*Pediculus humanus humanus* Linnaeus
 boll weevil - V19.....*Anthonomus grandis* Boheman
 bollworm - U29.....*Heliothis zea* (Boddie)
 booklouse - L1.....*Liposcelis subfuscus* Broadhead
 boxelder aphid - QQ2.....*Periphyllus negundinis* (Thomas)
 boxelder bug - Q21.....*Leptocoris trivittatus* (Say)
 boxelder leafroller - U16.....*Gracillaria negundella* Chambers
 boxelder psyllid - QQ19.....*Psylla negundinis* Mally
 boxelder twig borer - U33.....*Proteoteras willingana* (Kearfott)
 boxwood leafminer - X6.....*Monarthropalpus buxi* (Laboulbène)
 boxwood psyllid - QQ19.....*Psylla buxi* (Linnaeus)
 bramble leafhopper - QQ6.....*Ribautiana tenerrima* (Herrich-Schäffer)
 bristly cutworm - U29.....*Lacinioplia renigera* (Stephens)
 bristly roseslug - W25.....*Cladius isomerus* Norton
 broadbean weevil - V7.....*Bruchus rufimanus* Boheman
 broadhorned flour beetle - V46.....*Gnathocerus cornutus* (Fabricius)
 broad mite - XXIV-12.....*Polyphagotarsonemus latus* (Banks)
 broadnecked root borer - V12.....*Prionus laticollis* (Drury)
 broadnosed grain weevil - V19.....*Caulophilus oryzae* (Gyllenhal)
 broadwinged katydid - HHHH2.....*Microcentrum rhombifolium* (Saussure)
 brome grass seed midge - X6.....*Stenodiplosis bromicola* Marikovskij & Agafonova
 bronze appletree weevil - V19.....*Magdalis aenescens* LeConte
 bronze birch borer - V8.....*Agrilus anxius* Gory
 bronzed cutworm - U29.....*Nephelodes minians* Guenée

- bronze poplar borer - V8. *Agilus liragus* Barter & Brown
- brownbanded cockroach - H4. *Supella longipalpa* (Fabricius)
- brown chicken louse - N3. *Goniodes dissimilis* Denny
- brown citrus aphid - QQ2. *Toxoptera citricida* (Kirkaldy)
- brown cockroach - H3. *Periplaneta brunnea* Burmeister
- brown cotton leafworm - U29. *Acontia dacia* Druce
- brown dog tick - XXIV-8. *Rhipicephalus sanguineus* (Latreille)
- brown flour mite - XXIV-18. *Gohieria fusca* (Oudemans)
- brown garden snail - I-2. *Helix aspersa* Müller
- brownheaded ash sawfly - W25. *Tomostethus multicinctus* (Rohwer)
- brown house moth - U32. *Hofmannophila pseudospretella* (Stainton)
- brownlegged grain mite - XXIV-1. *Aleuroglyphus ovatus* (Troupeau)
- brown mite - XXIV-14. *Bryobia rubrioculus* (Scheuten)
- brown recluse spider - XXIII-9. *Loxosceles reclusa* Gertsch & Mulaik
- brown saltmarsh mosquito - X11. *Aedes cantator* (Coquillett)
- brown soft scale - QQ8. *Coccus hesperidum* Linnaeus
- brown spider beetle - V40. *Ptinus clavipes* Panzer
- brown stink bug - Q15. *Euschistus servus* (Say)
- browntail moth - U25. *Nygmia phaeorrhoea* (Donovan)
- brown wheat mite - XXIV-14. *Petrobia latens* (Müller)
- Bruce spanworm - U14. *Operophtera bruceata* (Hulst)
- buck moth - U43. *Hemileuca maia* (Drury)
- buckthorn aphid - QQ2. *Aphis nasturtii* Kaltenbach
- buffalograss webworm - U41. *Surattha indentella* Kearfott
- buffalo treehopper - QQ16. *Stictocephala bupalus* (Fabricius)
- bulb mite - XXIV-1. *Rhizoglyphus echinopus* (Fumouze & Robin)
- bulb scale mite - XXIV-12. *Steneotarsonemus laticeps* (Halbert)
- bumble flower beetle - V41. *Euphoria inda* (Linnaeus)
- bumelia fruit fly - X35. *Pseudodacus pallens* (Coquillett)
- burdock borer - U29. *Papaipema cataphracta* (Grote)
- cabbage aphid - QQ2. *Brevicoryne brassicae* (Linnaeus)
- cabbage curculio - V19. *Ceutorhynchus rapae* Gyllenhal
- cabbage looper - U29. *Trichoplusia ni* (Hübner)
- cabbage maggot - X18. *Hylemya brassicae* (Bouché)
- cabbage seedpod weevil - V19. *Ceutorhynchus assimilis* (Paykull)
- cabbage seedstalk curculio - V19. *Ceutorhynchus quadridens* (Panzer)
- cabbage webworm - U41. *Hellula rogatalis* (Hulst)
- cactus scale - QQ11. *Diaspis echinocacti* (Bouché)
- cadelle - V37. *Tenebroides mauritanicus* (Linnaeus)
- calico scale - QQ8. *Lecanium cerasorum* Cockerell
- California fivespined ips - V42. *Ips confusus* (LeConte)
- California flatheaded borer - V8. *Melanophila californica* Van Dyke
- California harvester ant - W14. *Pogonomyrmex californicus* (Buckley)
- California oakworm - U10. *Phryganidia californica* Packard
- California pear sawfly - W25. *Pristiphora abbreviata* (Hartig)
- California prionus - V12. *Prionus californicus* Motschulsky
- California red scale - QQ11. *Aonidiella aurantii* (Maskell)
- California saltmarsh mosquito - X11. *Aedes squamiger* (Coquillett)
- California tortoiseshell - U31. *Nymphalis californica* (Boisduval)
- camellia scale - QQ11. *Lepidosaphes camelliae* Hoke
- camphor scale - QQ11. *Pseudoaonidia duplex* (Cockerell)
- camphor thrips - P3. *Liothrips floridensis* (Watson)
- caragana aphid - QQ2. *Acyrtosiphon caraganae* (Cholodkovsky)
- caragana blister beetle - V32. *Epicauta subglabra* (Fall)
- caragana plant bug - Q11. *Lopidea dakota* Knight
- Caribbean pod borer - U41. *Fundella pellucens* Zeller
- carmine spider mite - XXIV-14. *Tetranychus cinnabarinus* (Boisduval)
- carnation maggot - X18. *Hylemya brunnescens* (Zetterstedt)
- carnation tip maggot - X18. *Hylemya echinata* Ségué
- Carolina grasshopper - HHHH11. *Dissosteira carolina* (Linnaeus)
- Carolina mantid - H6. *Stagmomantis carolina* (Linnaeus)
- carpenter bee - W3. *Xylocopa virginica* (Linnaeus)
- carpenterworm - U7. *Prionoxystus robiniae* (Peck)
- carpet beetle - V20. *Anthrenus scrophulariae* (Linnaeus)
- carpet moth - U47. *Trichophaga tapetzella* (Linnaeus)
- carrot beetle - V41. *Bothynus gibbosus* (De Geer)
- carrot rust fly - X26. *Psila rosae* (Fabricius)
- carrot weevil - V19. *Listronotus oregonensis* (LeConte)
- casemaking clothes moth - U47. *Tinea pellionella* Linnaeus
- catalpa midge - X6. *Cecidomyia catalpae* (Comstock)
- catalpa sphinx - U46. *Ctenomima catalpae* (Boisduval)
- cat flea - Y2. *Ctenocephalides felis* (Bouché)
- cat follicle mite - XXIV-5. *Demodex cati* Mégnin
- cat louse - N4. *Felicola subrostratus* (Burmeister)
- cattle biting louse - N4. *Bovicola bovis* (Linnaeus)
- cattle follicle mite - XXIV-5. *Demodex bovis* Stiles
- cattle tail louse - O1. *Haematopinus quadripertusus* Fahrenholz
- cattle tick - XXIV-8. *Boophilus annulatus* (Say)
- Cayenne tick - XXIV-8. *Amblyomma cajennense* (Fabricius)
- ceanothus silk moth - U43. *Platysamia euryalus* (Boisduval)
- cecropia moth - U43. *Platysamia cecropia* (Linnaeus)
- cedartree borer - V12. *Semanotus ligneus* (Fabricius)
- celery leaf-tier - U41. *Udea rubigalis* (Guenée)
- celery looper - U29. *Anagrapta falcifera* (Kirby)
- cereal leaf beetle - V13. *Oulema melanopus* (Linnaeus)
- cereal psocid - L1. *Liposcelis divinatorius* (Mueller)
- chaff scale - QQ11. *Parlatoria pergandii* Comstock
- chainspotted geometer - U14. *Cingilia catenaria* (Drury)
- changa - HHHH6. *Scapteriscus vicinus* Scudder
- charcoal beetle - V8. *Melanophila consputa* LeConte
- cheese mite - XXIV-1. *Tyrophagus casei* (Oudemans)
- cheese skipper - X24. *Piophilus casei* (Linnaeus)
- cherry casebearer - U5. *Coleophora pruniella* Clemens
- cherry fruit fly - X35. *Rhagoletis cingulata* (Loew)
- cherry fruit sawfly - W25. *Hoplocampa cookei* (Clarke)
- cherry fruitworm - U33. *Grapholitha packardii* (Zeller)
- cherry leaf beetle - V13. *Pyrhalta cavicollis* (LeConte)
- cherry maggot - X35. *Rhagoletis cingulata* (Loew)
- chestnut timberworm - V31. *Melittomma sericeum* (Harris)
- chicken body louse - N2. *Menacanthus stramineus* (Nitzsch)
- chicken head louse - N3. *Cuclotogaster heterographus* (Nitzsch)
- chicken mite - XXIV-4. *Dermanyssus gallinae* (De Geer)
- chigoe - Y3. *Tunga penetrans* (Linnaeus)
- chinch bug - Q10. *Blissus leucopterus leucopterus* (Say)
- Chinese mantid - H6. *Tenodera aridifolia sinensis* Saussure
- Chinese obscure scale - QQ11. *Parlatoria chinensis* (Marlatt)
- Chinese rose beetle - V41. *Adoretus sinicus* Burmeister
- chrysanthemum aphid - QQ2. *Macrosiphoniella sanborni* (Gillette)
- chrysanthemum gall midge - X6. *Diarrhonychia chrysanthemi* Ahlberg

- chrysanthemum lace bug - Q20
Corythucha marmorata (Uhler)
chrysanthemum leafminer - X1
Phytomyza syngenesiae (Hardy)
chrysanthemum thrips - P4
Thrips nigropilosus Uzel
cicada killer - W24
Sphecius speciosus (Drury)
cigar casebearer - U5
Coleophora serratella (Linnaeus)
cigarette beetle - V1
Lasioderma serricorne (Fabricius)
citricola scale - QQ8
Coccus pseudomagnoliarum (Kuwana)
citrophilus mealybug - QQ18
Pseudococcus fragilis Brain
citrus blackfly - QQ1
Aleurocanthus woglumi Ashby
citrus bud mite - XXIV-6
Aceria sheldoni (Ewing)
citrus flat mite - XXIV-13
Brevipalpus lewisi McGregor
citrus mealybug - QQ18
Planococcus citri (Risso)
citrus red mite - XXIV-14
Panonychus citri (McGregor)
citrus root weevil - V19
Pachnaeus litus (Germar)
citrus rust mite - XXIV-6
Phyllocoptruta oleivora (Ashmead)
citrus snow scale - QQ11
Unaspis citri (Comstock)
citrus thrips - P4
Scirtothrips citri (Moulton)
citrus whitefly - QQ1
Dialeurodes citri (Ashmead)
claybacked cutworm - U29
Agrotis gladiaria (Morrison)
claycolored billbug - V19
Sphenophorus aequalis aequalis Gyllenhal
clay colored leaf beetle - V13
Anomoea laticlavata (Forster)
Clear Lake gnat - X6
Chaoborus astictopus Dyar & Shannon
clearwinged grasshopper - HHHH11
Cannula pellucida (Scudder)
clematis blister beetle - V32
Epicauta cinerea (Forster)
clouded plant bug - Q11
Neurocolpus nubilis (Say)
clouded sulphur - U37
Colias philodice Latreille
cloudywinged whitefly - QQ1
Dialeurodes citrifolii (Morgan)
clover aphid - QQ2
Nearctaphis bakeri (Cowen)
clover aphid parasite - W7 (near)
Aphelinus lapisligni Howard
clover cutworm - U29
Scotogramma trifolii (Rottenberg)
clover hayworm - U41
Hypsopygia costalis (Fabricius)
clover head caterpillar - U33
Grapholitha interstinctana (Clemens)
clover head weevil - V19
Hypera meles (Fabricius)
clover leafhopper - QQ6
Aceratagallia sanguinolenta (Provancher)
clover leaf midge - X6
Dasineura trifolii (Loew)
clover leaf weevil - V19
Hypera punctata (Fabricius)
clover looper - U29
Caenurgina crassiuscula (Haworth)
clover mite - XXIV-14
Bryobia praeliosa Koch
clover root borer - V42
Hylastinus obscurus (Marsham)
clover root curculio - V19
Sitona hispidula (Fabricius)
clover seed chalcid - W13
Bruchophagus platyptera (Walker)
clover seed midge - X6
Dasineura leguminicola (Lintner)
clover seed weevil - V19
Miccotragus picrostris (Fabricius)
clover stem borer - V27
Languria mazaridi Latreille
cluster fly - X5
Pollenia rudis (Fabricius)
cochineal insect - QQ9
Dactylopius coccus Costa
cocklebur weevil - V19
Rhodoabaenus tredicimpunctatus (Illiger)
coconut leafroller - U41
Hedylepta blackburni (Butler)
coconut mealybug - QQ18
Nipaecoccus nipae (Maskell)
coconut scale - QQ11
Aspidiotus destructor Signoret
codling moth - U33
Laspeyresia pomonella (Linnaeus)
coffee bean weevil - V3
Araecerus fasciculatus (De Geer)
Colorado potato beetle - V13
Leptinotarsa decemlineata (Say)
Columbia Basin wireworm - V22
Limoniuss subauratus LeConte
Columbian timber beetle - V42
Corthylus columbianus Hopkins
columbine borer - U29
Papaipema purpurifascia, (Grote & Robinson)
columbine leafminer - X1
Phytomyza aquilegiivora Spencer
common cattle grub - X21
Hypoderma lineatum (de Villers)
common damsel bug - Q12
Nabis americanoferus Carayon
common green lacewing - RRR1
Chrysopa carnea Stephens
common malaria mosquito - X11
Anopheles quadrimaculatus Say
composite thrips - P4
Microcephalothrips abdominalis (D. L. Crawford)
Comstock mealybug - QQ18
Pseudococcus comstocki (Kuwana)
conchuela - Q15
Chlorochroa ligata (Say)
confused flour beetle - V46
Tribolium confusum Jacquelin duVal
convergent lady beetle - V16
Hippodamia convergens Guérin-Ménéville
Cooley spruce gall aphid - QQ5
Adelges cooleyi (Gillette)
corn blotch leafminer - X1
Agromyza parvicornis Loew
corn earworm - U29
Heliothis zea (Boddie)
cornfield ant - W14
Lasius alienus (Foerster)
corn flea beetle - V13
Chaetocnema pulicaria Melsheimer
corn leaf aphid - QQ2
Rhopalosiphum maidis (Fitch)
corn planthopper - QQ10
Peregrinus maidis (Ashmead)
corn root aphid - QQ2
Aphis maidiradicis Forbes
corn root webworm - U41
Crambus caliginosellus Clemens
corn sap beetle - V35
Carpophilus dimidiatus (Fabricius)
corn silk beetle - V13
Calomicrus brunneus (Crotch)
cosmopolitan grain psocid - L4
Lachesilla pedicularia (Linnaeus)
cotton aphid - QQ2
Aphis gossypii Glover
cotton blister mite - XXIV-6
Acalitus gossypii (Banks)
cotton fleahopper - Q11
Pseudatomoscelis seriatus (Reuter)
cotton lace bug - Q20
Corythucha gossypii (Fabricius)
cotton leafminer - U28
Nepticula gossypii Forbes & Leonard
cotton leafperforator - U26
Bucculatrix thurberiella Busck
cotton leafworm - U29
Alabama argillacea (Hübner)
cotton square borer - U23
Strymon melinus (Hübner)
cotton stainer - Q17
Dysdercus suturellus (Herrich-Schäffer)
cotton stem moth - U13
Platyedra subcinerea (Haworth)
cottonwood borer - V12
Plectrodera scalator (Fabricius)
cottonwood dagger moth - U29
Acrioneta lepusculina Guenée
cottonwood leaf beetle - V13
Chrysomela scripta Fabricius
cottonwood twig borer - U33
Gypsonoma haimbachiana (Kearfott)
cottonycushion scale - QQ15
Icerya purchasi Maskell
cottony maple scale - QQ8
Pulvinaria innumerabilis (Rathvon)
cottony peach scale - QQ8
Pulvinaria amygdali Cockerell
coulee cricket - HHHH2
Peranabrus scabricollis (Thomas)
cowpea aphid - QQ2
Aphis craccivora Koch
cowpea curculio - V19
Chalcodermus aeneus Boheman
cowpea weevil - V7
Callosobruchus maculatus (Fabricius)
crabhole mosquito - X11
Deinocerites cancer Theobald

crab louse - O4. *Pthirus pubis* (Linnaeus)
 cranberry fruitworm - U41. *Acrobasis vaccinii* Riley
 cranberry girdler - U41. *Chrysoteuchia topiaria* (Zeller)
 cranberry rootworm - V13. *Rhabdopterus picipes* (Olivier)
 cranberry spanworm - U14. *Anavitrinella pampinaria* (Guenée)
 cranberry weevil - V19. *Anthonomus musculus* Say
 crapemyrtle aphid - QQ2. *Tinocallis kahawaluokalani* Kirkaldy
 crazy ant - W14. *Paratrechina longicornis* (Latreille)
 crescentmarked lily aphid - QQ2. *Neomyzus circumflexus* (Buckton)
 crinkled flannel moth - U27. *Megalopyge crispata* (Packard)
 crossstriped cabbageworm - U41. *Evergestis rimosalis* (Guenée)
 Cuban cockroach - H5. *Panchlora nivea* (Linnaeus)
 Cuban laurel thrips - P3. *Gynaikothrips ficorum* (Marchal)
 cucurbit midge - X6. *Cecidomyia citrulli* (Felt)
 curled rose sawfly - W25. *Allantus cinctus* (Linnaeus)
 currant aphid - QQ2. *Cryptomyzus ribis* (Linnaeus)
 currant borer - U1. *Synanthedon tipuliformis* (Clerck)
 currant bud mite - XXIV-6. *Cecidophyopsis ribis* (Westwood)
 currant fruit fly - X35. *Epochra canadensis* (Loew)
 currant fruit weevil - V19. *Pseudanthonomus validus* Dietz
 currant spanworm - U14. *Itame ribearia* (Fitch)
 currant stem girdler - W6. *Janus integer* (Norton)
 cyclamen mite - XXIV-12. *Steneotarsonemus pallidus* (Banks)
 cynthia moth - U43. *Samia cynthia* (Drury)
 dark mealworm - V46. *Tenebrio obscurus* Fabricius
 darksided cutworm - U29. *Euxoa messoria* (Harris)
 datebug - QQ14. *Asarcopus palmarum* Horvath
 deodar weevil - V19. *Pissodes nemorensis* Germar
 depluming mite - XXIV-11. *Knemidokoptes gallinae* (Railliet)
 depressed flour beetle - V46. *Palorus subdepressus* (Wollaston)
 desert corn flea beetle - V13. *Chaetocnema ectypa* Horn
 desert spider mite - XXIV-14. *Tetranychus desertorum* Banks
 devastating grasshopper - HHHH11. *Melanoplus devastator* Scudder
 diamondback moth - U20. *Plutella xylostella* (Linnaeus)
 diamondbacked spittlebug - QQ4. *Lepyronia quadrangularis* (Say)
 dictyospermum scale - QQ11. *Chrysomphalus dictyospermi* (Morgan)
 differential grasshopper - HHHH11. *Melanoplus differentialis* (Thomas)
 dingy cutworm - U29. *Feltia ducens* Walker
 dobsonfly - R1. *Corydalis cornutus* (Linnaeus)
 dock sawfly - W25. *Ametastegia glabrata* (Fallén)
 dodder gall weevil - V19. *Smicronyx sculpticollis* Casey
 dog biting louse - N4. *Trichodectes canis* (De Geer)
 dog flea - Y2. *Ctenocephalides canis* (Curtis)
 dog follicle mite - XXIV-5. *Demodex canis* Leydig
 dog sucking louse - O3. *Linognathus setosus* (Olfers)
 dogwood borer - U1. *Synanthedon scitula* (Harris)
 dogwood clubgall midge - X6. *Mycodiplosis clavula* (Beutenmüller)
 dogwood scale - QQ11. *Chionaspis corni* Cooley
 dogwood spittlebug - QQ4. *Clastoptera proteus* Fitch
 dogwood twig borer - V12. *Oberea tripunctata* (Swederus)
 Douglas fir beetle - V42. *Dendroctonus pseudotsugae* Hopkins
 Douglas fir cone moth - U33. *Barbara colfaxiana* (Kearfott)
 Douglas fir engraver - V42. *Scolytus unispinosus* LeConte

Douglas fir pitch moth - U1. *Vespa mima novaeorae* (Hy. Edwards)
 Douglas fir tussock moth - U25. *Hemerocampa pseudotsugata* McDunnough
 Douglas fir twig weevil - V19. *Cylindropterus furnissi* Buchanan
 driedfruit beetle - V35. *Carpophilus hemipterus* (Linnaeus)
 driedfruit mite - XXIV-3. *Carpoglyphus lactis* (Linnaeus)
 driedfruit moth - U41. *Vitula edmandsae serratilineella* Ragonot
 drone fly - X32. *Eristalis tenax* (Linnaeus)
 drugstore beetle - V1. *Stegobium paniceum* (Linnaeus)
 dryberry mite - XXIV-6. *Phyllocoptes gracilis* (Nalepa)
 dryland wireworm - V22. *Ctenicera glauca* (Germar)
 dusky birch sawfly - W25. *Croesus latitarsus* Norton
 dusky sap beetle - V35. *Carpophilus lugubris* Murray
 dusky stink bug - Q15. *Euschistus tristigmus* (Say)
 ear tick - XXIV-2. *Otobius megnini* (Dugès)
 eastern blackheaded budworm - U49. *Acleris variana* (Fernald)
 eastern field wireworm - V22. *Limoniopsis agonus* (Say)
 eastern hercules beetle - V41. *Dynastes tityus* (Linnaeus)
 eastern larch beetle - V42. *Dendroctonus simplex* LeConte
 eastern lubber grasshopper - HHHH11. *Romalea microptera* (Palisot de Beauvois)
 eastern pinestem borer - U33. *Eucosma gloriola* Heinrich
 eastern raspberry fruitworm - V9. *Byturus rubi* Barber
 eastern spruce gall aphid - QQ5. *Adelges abietis* (Linnaeus)
 eastern subterranean termite - K3. *Reticulitermes flavipes* (Kollar)
 eastern tent caterpillar - U22. *Malacosoma americanum* (Fabricius)
 eggplant flea beetle - V13. *Epitrix fuscicollis* Crotch
 eggplant lace bug - Q20. *Gargaphia solani* Heidemann
 eggplant leafminer - U13. *Keiferia inconspicua* (Murtfeldt)
 Egyptian alfalfa weevil - V19. *Hypera brunneipennis* (Boheman)
 eightspotted forester - U29. *Alypia octomaculata* (Fabricius)
 elder shoot borer - U29. *Achatodes seae* (Harris)
 elm borer - V12. *Saperda tridentata* Olivier
 elm calligrapha - V13. *Calligrapha scalaris* (LeConte)
 elm casebearer - U5. *Coleophora ulmifoliella* McDunnough
 elm cockscomb gall aphid - QQ2. *Colopha ulmicola* (Fitch)
 elm flea beetle - V13. *Altica carinata* Germar
 elm lace bug - Q20. *Corythucha ulmi* Osborn & Drake
 elm leaf aphid - QQ2. *Tinocallis ulmifolii* (Monell)
 elm leaf beetle - V13. *Pyrrhalta luteola* (Müller)
 elm leafminer - W25. *Fenusa ulmi* Sundevall
 elm sawfly - W9. *Cimbex americana* Leach
 elm scurfy scale - QQ11. *Chionaspis americana* Johnson
 elm spanworm - U14. *Ennagma subglanaria* (Hübner)
 elm sphinx - U46. *Ceratonia amyntor* (Hübner)
 elongate flea beetle - V13. *Systema elongata* (Fabricius)
 Engelmann spruce weevil - V19. *Pissodes strobi* (Peck)
 English grain aphid - QQ2. *Macrosiphum avenae* (Fabricius)
 ermine moth - U20. *Yponomeuta padella* (Linnaeus)
 euonymus scale - QQ11. *Unaspis euonymi* (Comstock)
 eupatorium gall fly - X35. *Procecidochares utilis* Stone
 European alder leafminer - W25. *Fenusa dohrnii* (Tischbein)
 European apple sawfly - W25. *Hoplocampa testudinea* (Klug)
 European chafer - V41. *Amphimallon majalis* (Razoumowsky)

European chicken flea - Y1
Ceratophyllus gallinae (Schrank)
 European corn borer - U41. *Ostrinia nubilalis* (Hübner)
 European crane fly - X36. *Tipula paludosa* Meigen
 European earwig - II. *Forficula auricularia* Linnaeus
 European elm scale - QQ20. *Gossyparia spuria* (Modeer)
 European fruit lecanium - QQ8. *Lecanium corni* Bouché
 European fruit scale - QQ11
Quadraspidiotus ostreaeformis (Curtis)
 European grain moth - U47
Nemapogon granella (Linnaeus)
 European honeysuckle leafroller - U20
Harpieteryx xylostella (Linnaeus)
 European house dust mite - XXIV-4 (near)
Dermatophagoides pteronyssinus (Trouessart)
 European mantid - H6. *Mantis religiosa* Linnaeus
 European peach scale - QQ8
Lecanium persicae (Fabricius)
 European pine sawfly - W12
Neodiprion sertifer (Geoffroy)
 European pine shoot moth - U33
Rhyacionia buoliana (Schifferrmüller)
 European red mite - XXIV-14
Panonychus ulmi (Koch)
 European spruce beetle - V42
Dendroctonus micans (Kugelam)
 European spruce sawfly - W12
Diprion hercyniae (Hartig)
 European wheat stem sawfly - W6
Cephus pygmaeus (Linnaeus)
 eyed click beetle - V22. *Alaus oculatus* (Linnaeus)
 eyespotted bud moth - U33
Spilonota ocellana (Denis & Schifferrmüller)
 face fly - X19. *Musca autumnalis* De Geer
 fall armyworm - U29
Spodoptera frugiperda (J. E. Smith)
 fall cankerworm - U14. *Alsophila pomataria* (Harris)
 fall webworm - U2. *Hyphantria cunea* (Drury)
 false celery leaf-tier - U41. *Udea profundalis* (Packard)
 false chinch bug - Q10. *Nysius ericae* (Schilling)
 false hemlock looper - U14. *Nepytia canosaria* (Walker)
 false potato beetle - V13. *Leptinotarsa juncta* (Germar)
 false stable fly - X19. *Muscina stabulans* (Fallén)
 fern scale - QQ11. *Pinnaspis aspidistrae* (Signoret)
 field crickets - HHHH5
Gryllus spp. (complex of species)
 fiery hunter - V11. *Calosoma calidum* (Fabricius)
 fig mite - XXIV-6. *Aceria ficus* (Cotte)
 fig scale - QQ11. *Lepidosaphes conchiformis* (Gmelin)
 fig wasp - W1. *Blastophaga psenes* (Linnaeus)
 filament bearer - U14. *Nematocampa filamentaria* Guenée
 filbert aphid - QQ2. *Myzocallis coryli* (Goeze)
 filbert bud mite - XXIV-17. *Phytoptus avellanae* Nalepa
 filbert weevil - V19. *Curculio occidentalis* (Casey)
 filbertworm - U33
Melissopus latiferreanus (Walsingham)
 fir cone looper - U14. *Eupithecia spermaphaga* (Dyar)
 fire ant - W14. *Solenopsis geminata* (Fabricius)
 firebrat - B1. *Thermobia domestica* (Packard)
 fir engraver - V42. *Scolytus ventralis* LeConte
 fir seed moth - U33. *Laspeyresia bracteana* (Fernald)
 fir-tree borer - V12. *Semanotus litigiousus* (Casey)
 flat grain beetle - V18
Cryptolestes pusillus (Schönherr)
 flatheaded apple-tree borer - V8
Chrysobothris femorata (Olivier)
 flatheaded cone borer - V8
Chrysophana placida var. *comitola* Van Dyke
 flatheaded fir borer - V8
Melanophila drummondi (Kirby)
 flax bollworm - U29
Heliothis ononis (Denis & Schifferrmüller)
 Fletcher scale - QQ8. *Lecanium fletcheri* Cockerell
 floodwater mosquito - X11. *Aedes sticticus* (Meigen)
 Florida carpenter ant - W14
Camponotus abdominalis floridanus (Buckley)

Florida fern caterpillar - U29
Callopietria floridensis (Guenée)
 Florida harvester ant - W14
Pogonomyrmex badius (Latreille)
 Florida red scale - QQ11
Chrysomphalus aonidum (Linnaeus)
 Florida wax scale - QQ8
Ceroplastes floridensis Comstock
 flower thrips - P4. *Frankliniella tritici* (Fitch)
 fluff louse - N3. *Goniocotes gallinae* (De Geer)
 follicle mite - XXIV-5. *Demodex folliculorum* (Simon)
 forage looper - U29. *Caenurgina erechtea* (Cramer)
 Forbes scale - QQ11. *Quadraspidiotus forbesi* (Johnson)
 foreign grain beetle - V18. *Ahasverus advena* (Waltl)
 forest tent caterpillar - U22
Malacosoma disstria Hübner
 forktailed bush katydid - HHHH2
Scudderella furcata Brunner von Wattenwyl
 Formosan subterranean termite - K3
Coptotermes formosanus Shiraki
 fourlined plant bug - Q11
Poecilolapsus lineatus (Fabricius)
 fourspotted spider mite - XXIV-14
Tetranychus canadensis (McGregor)
 fourspotted tree cricket - HHHH5
Oecanthus quadripunctatus Beutenmüller
 fowl tick - XXIV-2. *Argas persicus* (Oken)
 foxglove aphid - QQ2
Acyrtosiphon solani (Kaltenbach)
 frit fly - X10. *Oscinella frit* (Linnaeus)
 fruit-tree leafroller - U49
Archips argyrospilus (Walker)
 Fuller rose beetle - V19
Pantomorus cervinus (Boheman)
 furniture beetle - V1. *Anobium punctatum* (De Geer)
 furniture carpet beetle - V20
Anthrenus flavipes LeConte
 gallmaking maple borer - V12
Xylotrechus aceris Fisher
 garden fleahopper - Q11. *Halticus bractatus* (Say)
 garden springtail - D5. *Bourletiella hortensis* (Fitch)
 garden symphytan - XVII-1
Scutigerella immaculata (Newport)
 garden webworm - U41. *Loxostege rantis* (Guenée)
 genista caterpillar - U41. *Tholera reversalis* (Guenée)
 German cockroach - H4. *Blattella germanica* (Linnaeus)
 giant bark aphid - QQ2. *Longistigma caryae* (Harris)
 giant hornet - W29. *Vespa crabro germana* (Christ)
 giant stag beetle - V28. *Lucanus elaphus* Fabricius
 giant water bug - Q3. *Lethocerus americanus* (Leidy)
 gladiolus thrips - P4. *Taeniothrips simplex* (Morison)
 glassy cutworm - U29. *Crymides devastator* (Brace)
 globose scale - QQ8. *Lecanium prunastri* (Fonscolombe)
 globular spider beetle - V40
Trigonogenius globulum Solier
 gloomy scale - QQ11
Melanaspis tenebricosa (Comstock)
 Glover scale - QQ11. *Lepidosaphes gloverii* (Packard)
 goat biting louse - N4. *Bovicola caprae* (Gurlt)
 goat follicle mite - XXIV-5. *Demodex caprae* Railliet
 goat sucking louse - O3
Linognathus stenopsis (Burmeister)
 golden buprestid - V8. *Buprestis aurulenta* Linnaeus
 goldeneye lacewing - RRR1. *Chrysopa oculata* Say
 goldenglow aphid - QQ2
Dactynotus rudbeckiae (Fitch)
 golden oak scale - QQ3
Asterolecanium variolosum (Ratzeburg)
 golden spider beetle - V40
Niptus hololeucus (Falderrmann)
 golden tortoise beetle - V13
Metronia bicolor (Fabricius)
 gooseberry fruitworm - U41
Zophodia convolutella (Hübner)
 gooseberry witchbroom aphid - QQ2
Kakimia houghtonensis (Troop)

- goose body louse - N2. *Trinoton anserinum* (Fabricius)
gophertortoise tick - XXIV-8. *Amblyomma tuberculatum* Marx
- grain mite - XXIV-1. *Acarus siro* Linnaeus
grain rust mite - XXIV-6. *Abacarus hystrix* (Nalepa)
grain thrips - P4. *Limothrips cerealium* (Haliday)
granary weevil - V19. *Sitophilus granarius* (Linnaeus)
granulate cutworm - U29. *Feltia subterranea* (Fabricius)
grape berry moth - U33. *Paralobesia viteana* (Clemens)
grape blossom midge - X6. *Contarinia johnsoni* Felt
grape cane gallmaker - V19. *Ampelogypter sesostris* (LeConte)
grape colaspis - V13. *Colaspis brunnea* (Fabricius)
grape curculio - V19. *Craponius inaequalis* (Say)
grape erineum mite - XXIV-6. *Eriophyes vitis* (Pagenstecher)
grape flea beetle - V13. *Altica chalybea* (Illiger)
grape leafroller - U41. *Desmia funeralis* (Hübner)
grapeleaf skeletonizer - U50. *Harrisina americana* (Guérin)
grape mealybug - QQ18. *Pseudococcus maritimus* (Ehrhorn)
grape phylloxera - QQ5. *Phylloxera vitifoliae* (Fitch)
grape plume moth - U40. *Pterophorus periscelidactylus* Fitch
grape root borer - U1. *Vitacea polistiformis* (Harris)
grape rootworm - V13. *Fidia viticida* Walsh
grape sawfly - W25. *Erythrastides vitis* (Harris)
grape scale - QQ11. *Diapixiotus uvae* (Comstock)
grape seed chalcid - W13. *Evoxysoma vitis* (Saunders)
grape trunk borer - V12. *Clytolepus albofasciatus* (Laporte & Gory)
grapevine aphid - QQ2. *Aphis illinoisensis* Shimer
grapevine looper - U14. *Lygris diversilineata* (Hübner)
grape whitefly - QQ1. *Trialeurodes vittata* (Quaintance)
grasshopper bee fly - X4. *Systoechus vulgaris* Loew
grasshopper maggot - X29. *Blaesoxipha kellyi* (Aldrich)
grass sawfly - W25. *Pachynematus extensicornis* (Norton)
grass sheathminer - X1. *Cerodontha dorsalis* (Loew)
grass thrips - P4. *Anaphothrips obscurus* (Müller)
graybanded leafroller - U49. *Argyrotaenia mariana* (Fernald)
gray field slug - I-3. *Deroceras laeve* (Müller)
gray garden slug - I-3. *Deroceras reticulatum* (Müller)
gray sugarcane mealybug - QQ18. *Dysmicoccus boninsis* (Kuwana)
gray willow leaf beetle - V13. *Pyrrhalta decora decora* (Say)
great ash sphinx - U46. *Sphinx chersis* (Hübner)
Great Basin wireworm - V22. *Ctenicera pruinina* (Horn)
greater wax moth - U41. *Galleria mellonella* (Linnaeus)
greedy scale - QQ11. *Hemiberlesia rapax* (Comstock)
green budworm - U33. *Hedra variegana* (Hübner)
greenbug - QQ2. *Schizaphis graminum* (Rondani)
green cloverworm - U29. *Plathyphena scabra* (Fabricius)
green fruitworm - U29. *Lithophane antennata* (Walker)
greenheaded spruce sawfly - W25. *Pikonomus dimmockii* (Cresson)
greenhouse leaf-tier - U41. *Udea rubigalis* (Guenée)
greenhouse orthezia - QQ17. *Orthezia insignis* Browne
greenhouse slug - I-3. *Milax gagates* (Draparnaud)
greenhouse stone cricket - HHHH4. *Tachycines asynamoros* Adelung
greenhouse thrips - P4. *Heliothrips haemorrhoidalis* (Bouché)
greenhouse whitefly - QQ1. *Trialeurodes vaporariorum* (Westwood)
green June beetle - V41. *Cotinis nitida* (Linnaeus)
green peach aphid - QQ2. *Myzus persicae* (Sulzer)
green rose chafer - V41. *Dichelonyx backi* (Kirby)
green scale - QQ8. *Coccus viridis* (Green)
green shield scale - QQ8. *Pulvinaria psidii* Maskell
green spruce aphid - QQ2. *Cinara formacula* Hottes
green stink bug - Q15. *Acrosternum hilare* (Say)
- greenstriped grasshopper - HHHH11. *Chortophaga viridifasciata* (De Geer)
greenstriped mapleworm - U43. *Anisota rubicunda* (Fabricius)
gregarious oak leafminer - U16. *Cameraria cinnantiella* (Chambers)
ground mealybug - QQ18. *Rhizococcus falcifer* Künckel d'Herculais
guinea feather louse - N3. *Goniodes numidae* Mjöberg
Gulf Coast tick - XXIV-8. *Amblyomma maculatum* Koch
Gulf wireworm - V22. *Conoderus amplicollis* (Gyllenhal)
gypsy moth - U25. *Porthetria dispar* (Linnaeus)
- hackberry engraver - V42. *Scolytus muticus* Say
hackberry lace bug - Q20. *Corythucha celtidis* (Osborn & Drake)
hackberry nipplegall maker - QQ19. *Pachypsilla celtidismamma* (Riley)
hag moth - U24. *Phobetrus pithecium* (J. E. Smith)
hairy chinch bug - Q10. *Blissus leucopterus hirtus* Montandon
hairy fungus beetle - V34. *Typhaea stercorea* (Linnaeus)
hairy spider beetle - V40. *Ptinus villiger* (Reitter)
Hall scale - QQ11. *Nilotaspis halli* (Green)
hard maple budminer - U28. *Obrussa ochrefasciella* (Chambers)
harlequin bug - Q15. *Murgantia histrionica* (Hahn)
Hawaiian beet webworm - U41. *Hymenia recurvalis* (Fabricius)
hawthorn lace bug - Q20. *Corythucha cydoniae* (Fitch)
hazelnut weevil - V19. *Curculio neocorylus* Gibson
head louse - O4. *Pediculus humanus capitis* De Geer
heath spittlebug - QQ4. *Clastoptera saintcyri* Provancher
hellgrammite - R1. *Corydalis cornutus* (Linnaeus)
hemispherical scale - QQ8. *Saissetia coffeae* (Walker)
hemlock borer - V8. *Melanophila fulvoguttata* (Harris)
hemlock looper - U14. *Lambdina fiscellaria* (Guenée)
hemlock sawfly - W12. *Neodiprion tsugae* Middleton
hemlock scale - QQ11. *Abgrallaspis ithacae* (Ferris)
Hessian fly - X6. *Mayetiola destructor* (Say)
hickory bark beetle - V42. *Scolytus quadrispinosus* Say
hickory horned devil - U43. *Citheronia regalis* (Fabricius)
hickory leafroller - U49. *Argyrotaenia juglandana* (Fernald)
hickory plant bug - Q11. *Lygocoris caryae* (Knight)
hickory shuckworm - U33. *Laspeyresia caryana* (Fitch)
hickory tussock moth - U2. *Halisidota caryae* (Harris)
hide beetle - V20. *Dermestes maculatus* De Geer
High Plains grasshopper - HHHH11. *Dissosteira longipennis* (Thomas)
hog follicle mite - XXIV-5. *Demodex phylloides* Csokor
hog louse - O1. *Haematopinus suis* (Linnaeus)
hollyhock plant bug - Q11. *Orthotylus althaeae* Hussey
hollyhock weevil - V19. *Apion longirostre* Olivier
holly leafminer - X1. *Phytomyza ilicis* Curtis
holly scale - QQ11. *Dynaspidiotus britannicus* (Newstead)
honey bee - W3. *Apis mellifera* Linnaeus
honeysuckle sawfly - W9. *Zaraea inflata* Norton
hop aphid - QQ2. *Phorodon humuli* (Schränk)
hop flea beetle - V13. *Psylliodes punctulatus* Melsheimer
hop looper - U29. *Hypena humuli* (Harris)
hop plant bug - Q11. *Taedia hawleyi* (Knight)
horned passalus - V38. *Popilius disjunctus* (Illiger)
horned squash bug - Q6. *Anasa armigera* (Say)
hornet moth - U1. *Aegeria apiformis* (Clerck)
horn fly - X19. *Haematobia irritans* (Linnaeus)
horse biting louse - N4. *Bovicola equi* (Denny)
horse bot fly - X16. *Gasterophilus intestinalis* (De Geer)
horse follicle mite - XXIV-5. *Demodex equi* Railliet

- horseradish flea beetle - V13 *Phyllotreta armoraciae* (Koch)
- horse sucking louse - O1 *Haematopinus asini* (Linnaeus)
- house centipede - XIII-1 *Scutigera coleoptrata* (Linnaeus)
- house cricket - HHHH5 *Acheta domesticus* (Linnaeus)
- house fly - X19 *Musca domestica* Linnaeus
- house mite - XXIV-18 *Glycyphagus domesticus* (DeGeer)
- house mouse mite - XXIV-4 *Allodermanyssus sanguineus* (Hirst)
- human flea - Y2 *Pulex irritans* Linnaeus
- imbricated snout beetle - V19 *Epicaerus imbricatus* (Say)
- imperial moth - U43 *Eacles imperialis* (Drury)
- imported cabbageworm - U37 *Pieris rapae* (Linnaeus)
- imported currantworm - W25 *Nematus ribesii* (Scopoli)
- imported fire ant - W14 *Solenopsis saevissima richteri* Forel
- imported willow leaf beetle - V13 *Plagioderma versicolora* (Laicharteg)
- incense cedar wasp - W30 *Syntexis libocedrii* Rohwer
- Indian meal moth - U41 *Plodia interpunctella* (Hübner)
- introduced pine sawfly - W12 *Diprion similis* (Hartig)
- io moth - U43 *Automeris io* (Fabricius)
- iris borer - U29 *Macronoctua onusta* Grote
- iris thrips - P4 *Iridothrips iridis* (Watson)
- iris weevil - V19 *Mononychus vulpeculus* (Fabricius)
- Italian pear scale - QQ11 *Epidiaspis leperii* (Signoret)
- itch mite - XXIV-11 *Sarcoptes scabiei* (De Geer)
- ivy aphid - QQ2 *Aphis hederæ* Kaltentbach
- jack pine budworm - U49 *Choristoneura pinus* Freeman
- jack pine sawfly - W12 *Neodiprion pratti banksianae* Rohwer
- Japanese beetle - V41 *Popillia japonica* Newman
- Japanese broadwinged katydid - HHHH2 *Holochlora japonica* (Brunner von Wattenwyl)
- Jeffrey pine beetle - V42 *Dendroctonus jeffreyi* Hopkins
- Jerusalem cricket - HHHH3 *Stenopelmatus fuscus* Haldeman
- juniper scale - QQ11 *Carulaspis juniperi* (Bouché)
- juniper tip midge - X6 *Oligotrophus betheli* Felt
- juniper webworm - U13 *Dichomeris marginella* (Dennis & Schiffermüller)
- khapra beetle - V20 *Trogoderma granarium* Everts
- Klamathweed beetle - V13 *Chrysolina quadrigemina* (Suffrian)
- koa seedworm - U33 *Cryptophlebia illepidia* (Butler)
- lantana gall fly - X35 *Eutreta xanthochaeta* Aldrich
- lantana lace bug - Q20 *Teleonemia scrupulosa* Stål
- lantana leafminer - U16 *Cremastobombycia lantanella* (Schrank)
- lantana plume moth - U40 *Platyptilia pusillodactyla* (Walker)
- lantana seed fly - X1 *Ophiomyia lantanæ* (Froggatt)
- lappet moth - U22 *Epicnaptera americana* (Harris)
- larch aphid - QQ2 *Cinara laticis* (Hartig)
- larch casebearer - U5 *Coleophora laricella* (Hübner)
- larch sawfly - W25 *Pristiphora erichsonii* (Hartig)
- larder beetle - V20 *Dermestes lardarius* Linnaeus
- large aspen tortrix - U49 *Choristoneura conflictana* (Walker)
- large bigeyed bug - Q10 *Geocoris bullatus* (Say)
- large chestnut weevil - V19 *Curculio caryatipes* (Boheman)
- large chicken louse - N3 *Goniodes gigas* (Taschenberg)
- large duck louse - N2 *Trinoton querquedulae* (Linnaeus)
- large milkweed bug - Q10 *Oncopeltus fasciatus* (Dallas)
- larger black flour beetle - V46 *Cynaues angustus* (LeConte)
- larger canna leafroller - U19 *Calpodex ethlius* (Stoll)
- larger elm leaf beetle - V13 *Monocesta coryli* (Say)
- larger grain borer - V5 *Prostephanus truncatus* Horn
- larger pale booklouse - L3 *Trogium pulsatorium* (Linnaeus)
- larger shothole borer - V42 *Scolytus mali* (Beckstein)
- larger yellow ant - W14 *Acanthomyops interjectus* (Mayr)
- large turkey louse - N3 *Chelopistes meleagridis* (Linnaeus)
- larkspur leafminer - X1 *Phytomyza* complex, including *aconita* Hendel and *delphinivora* Spencer
- latrine fly - X19 *Fannia scalaris* (Fabricius)
- lawn armyworm - U29 *Spodoptera mauritia* (Boisduval)
- leadcable borer - V5 *Scobicia declivis* (LeConte)
- leaf crumpler - U41 *Acrobasis indigenella* (Zeller)
- leafooted bug - Q6 *Leptoglossus phyllopus* (Linnaeus)
- leopard moth - U7 *Zeuzera pyrina* (Linnaeus)
- lespedeza webworm - U41 *Tetralopha scortealis* (Lederer)
- lesser appleworm - U33 *Grapholitha prunivora* (Walsh)
- lesser bud moth - U13 *Recurvaria nanella* (Hübner)
- lesser bulb fly - X32 *Eumerus tuberculatus* Rondani
- lesser canna leafroller - U41 *Geshna cannalis* (Quaintance)
- lesser clover leaf weevil - V19 *Hypera nigrostris* (Fabricius)
- lesser cornstalk borer - U41 *Elasmopalpus lignosellus* (Zeller)
- lesser grain borer - V5 *Rhyssopertha dominica* (Fabricius)
- lesser mealworm - V46 *Alphitobius diaperinus* (Panzer)
- lesser peachtree borer - U1 *Synanthedon pictipes* (Grote & Robinson)
- lesser wax moth - U41 *Achroia grisella* (Fabricius)
- lettuce root aphid - QQ2 *Pemphigus bursarius* (Linnaeus)
- lilac borer - U1 *Podotesia syringae syringae* (Harris)
- lilac leafminer - U16 *Gracillaria syringella* (Fabricius)
- lily bulb thrips - P3 *Liothrips vaneeckei* Priesner
- lily weevil - V19 *Agasphaerops nigra* Horn
- limabean pod borer - U41 *Etiella zinckenella* (Treitschke)
- limabean vine borer - U41 *Monopitilota pergratialis* (Hulst)
- linden borer - V12 *Saperda vestita* Say
- linden looper - U14 *Eranniss tiliaria* (Harris)
- lined click beetle - V22 *Agriotes lineatus* (Linnaeus)
- lined spittlebug - QQ4 *Neophilaenus lineatus* (Linnaeus)
- lined stalk borer - U29 *Oligia fractilinea* (Grote)
- lion beetle - V12 *Ulochaetes leoninus* LeConte
- little black ant - W14 *Monomorium minimum* (Buckley)
- little carpenterworm - U7 *Prionoxystus macmurtriei* (Guérin)
- little fire ant - W14 *Wasmannia auropunctata* (Roger)
- little house fly - X19 *Fannia canicularis* (Linnaeus)
- loblolly pine sawfly - W12 *Neodiprion taedæ linearis* Ross
- locust borer - V12 *Megacyllene robiniae* (Forster)
- locust leafminer - V13 *Xenochalepus dorsalis* (Thunberg)
- locust leafroller - U41 *Nephoteryx subcaesiella* (Clemens)
- locust twig borer - U33 *Ecdytolopha insiticiiana* Zeller
- lodgepole cone beetle - V42 *Conophthorus contortae* Hopkins
- lodgepole needleminer - U13 *Coleotechnites milleri* (Busck)
- lodgepole pine beetle - V42 *Dendroctonus murrayanae* Hopkins
- lodgepole sawfly - W12 *Neodiprion burkei* Middleton

- lodgepole terminal weevil - V19. *Pissodes terminalis* Hopping
lone star tick - XXIV-8. *Amblyomma americanum* (Linnaeus)
longheaded flour beetle - V46. *Latheticus oryzae* Waterhouse
longnosed cattle louse - O3. *Linognathus vituli* (Linnaeus)
longtailed mealybug - QQ18. *Pseudococcus longispinus* (Targioni-Tozzetti)
lubber grasshopper - HHHH11. *Brachystola magna* (Girard)
luna moth - U43. *Actias luna* (Linnaeus)
- Madeira cockroach - H5. *Leucophaea maderae* (Fabricius)
magnolia scale - QQ8. *Neolecanium cornuparvum* (Thro)
maize billbug - V19. *Sphenophorus maidis* Chittenden
maize weevil - V19. *Sitophilus zeamais* Motschulsky
mango weevil - V19. *Cryptorhynchus mangiferae* (Fabricius)
maple bladdergall mite - XXIV-6. *Vasates quadripedes* Shimer
maple callus borer - U1. *Sylva acerni* (Clemens)
maple leafcutter - U21. *Paraclemensia acerifoliella* (Fitch)
maple petiole borer - W25. *Caulocampus acericaulis* (MacGillivray)
maple trumpet skeletonizer - U33. *Epinotia aceriella* (Clemens)
margined blister beetle - V32. *Epicauta pestifera* Werner
masked hunter - Q18. *Reduvius personatus* (Linnaeus)
McDaniel spider mite - XXIV-14. *Tetranychus mcdanieli* McGregor
meadow plant bug - Q11. *Leptopterna dolabrata* (Linnaeus)
meadow spittlebug - QQ4. *Philaenus spumarius* (Linnaeus)
meal moth - U41. *Pyralis farinalis* Linnaeus
mealybug destroyer - V16. *Cryptolaemus montrouzieri* Mulsant
mealy plum aphid - QQ2. *Hyalopterus pruni* (Geoffroy)
Mediterranean flour moth - U41. *Anagasta kuehniella* (Zeller)
Mediterranean fruit fly - X35. *Ceratitis capitata* (Wiedemann)
melon aphid - QQ2. *Aphis gossypii* Glover
melon fly - X35. *Dacus cucurbitae* Coquillett
melonworm - U41. *Diaphania hyalinata* (Linnaeus)
merchant grain beetle - V18. *Oryzaephilus mercator* (Fauvel)
Mexican bean beetle - V16. *Epilachna varivestis* Mulsant
Mexican fruit fly - X35. *Anastrepha ludens* (Loew)
Mexican leafroller - U49. *Amorbia emigratella* Busck
Mexican mealybug - QQ18. *Phenacoccus gossypii* Townsend & Cockerell
Mexican pine beetle - V42. *Dendroctonus approximatus* Dietz
migratory grasshopper - HHHH11. *Melanoplus sanguinipes* (Fabricius)
mimosa webworm - U15. *Homadula anisocentra* Meyrick
mining scale - QQ11. *Howardia biclavata* (Comstock)
minute egg parasite - W28. *Trichogramma minutum* Riley
minute pirate bug - Q1. *Orius tristicolor* (White)
mold mite - XXIV-1. *Tyrophagus putrescentiae* (Schrank)
monarch butterfly - U9. *Danaus plexippus* (Linnaeus)
Monterey pine cone beetle - V42. *Conophthorus radiatae* Hopkins
Monterey pine resin midge - X6. *Cecidomyia resinicoloides* Williams
Monterey pine weevil - V19. *Pissodes radiatae* Hopkins
Mormon cricket - HHHH2. *Anabrus simplex* Haldeman
- morningglory leafminer - U26. *Bedellia somnulentella* (Zeller)
mossyrose gall wasp - W11. *Diplolepis rosae* (Linnaeus)
mottled tortoise beetle - V13. *Deloyala guttata* (Olivier)
mountain ash sawfly - W25. *Pristiphora geniculata* (Hartig)
mountain leafhopper - QQ6. *Colladonus montanus* (Van Duzee)
mountain pine beetle - V42. *Dendroctonus ponderosae* Hopkins
mourningcloak butterfly - U31. *Nymphalis antiopa* (Linnaeus)
mulberry whitefly - QQ1. *Tetraleurodes mori* (Quaintance)
mullein thrips - P3. *Haplothrips verbasci* (Osborn)
- Nantucket pine tip moth - U33. *Rhyacionia frustrana* (Comstock)
narcissus bulb fly - X32. *Merodon equestris* (Fabricius)
narrownecked grain beetle - V2. *Antheticus floralis* (Linnaeus)
narrowwinged mantid - H6. *Tenodera argustipennis* Saussure
native elm bark beetle - V42. *Hylurgopinus rufipes* (Eichhoff)
native holly leafminer - X1. *Phytomyza ilicicola* Loew
navel orangeworm - U41. *Paramyelois transitella* (Walker)
negro bug - Q22. *Corimelaena pulicaria* (Germar)
Nevada sage grasshopper - HHHH11. *Melanoplus rugglesi* Gurney
New Guinea sugarcane weevil - V19. *Rhabdoscelus obscurus* (Boisduval)
newhouse borer - V12. *Arhopalus productus* (LeConte)
New York weevil - V4. *Ithycerus noveboracensis* (Forster)
northeastern sawyer - V12. *Monochamus notatus* (Drury)
northern cattle grub - X21. *Hypoderma bovis* (Linnaeus)
northern corn rootworm - V13. *Diabrotica longicornis* (Say)
northern fowl mite - XXIV-4. *Ornithonyssus sylvianus* (Canestrini & Fanzago)
northern house mosquito - X11. *Culex pipiens pipiens* Linnaeus
northern masked chafer - V41. *Cyclocephala borealis* Arrow
northern mole cricket - HHHH6. *Gryllotalpa hexadactyla* Perty
northern pine weevil - V19. *Pissodes approximatus* Hopkins
northern pitch twig moth - U33. *Petrova albicapitata* (Busck)
northern rat flea - Y1. *Nosopsyllus fasciatus* (Bosc)
northwest coast mosquito - X11. *Aedes aboriginis* Dyar
Norway maple aphid - QQ2. *Periphyllus lyropictus* (Kessler)
nose bot fly - X16. *Gasterophilus haemorrhoidalis* (Linnaeus)
nutgrass armyworm - U29. *Spodoptera exempta* (Walker)
Nuttall blister beetle - V32. *Lytta nuttalli* Say
- oak lace bug - Q20. *Corythucha arcuata* (Say)
oak leaf-tier - U49. *Croesia albicomana* (Clemens)
oak lecanium - QQ8. *Lecanium quercifex* Fitch
oak sapling borer - V12. *Goes tessellatus* (Haldeman)
oak skeletonizer - U26. *Bucculatrix ainliella* Murtfeldt
oak timberworm - V6. *Arrhenodes minutus* (Drury)
oak webworm - U49. *Archips ferdinandus* (Clemens)
obliquebanded leafroller - U49. *Choristoneura rosaceana* (Harris)
obscure root weevil - V19. *Sciopithes obscurus* Horn
obscure scale - QQ11. *Melanaspis obscura* (Comstock)

odd beetle - V20. *Thylodrias contractus* Motschulsky
 odorous house ant - W14. *Tapinoma sessile* (Say)
 oldhouse borer - V12. *Hylotrupes bajulus* (Linnaeus)
 oleander scale - QQ11. *Aspidiotus nerii* Bouché
 olive fruit fly - X35. *Dacus oleae* (Gmelin)
 olive scale - QQ11. *Parlatoria oleae* (Colvée)
 omnivorous leaf-tier - U49. *Cnephasia longana* (Haworth)
 omnivorous looper - U14. *Sabulodes caberata* Guenée
 onepot stink bug - Q15. *Euschistus variolarius* (Palisot de Beauvois)
 onion bulb fly - X32. *Eumerus strigatus* (Fallén)
 onion maggot - X18. *Hylemya antiqua* (Meigen)
 onion plant bug - Q11. *Labopidea allii* Knight
 onion thrips - P4. *Thrips tabaci* Lindeman
 orangedog - U34. *Papilio cresphontes* Cramer
 orangehumped mapleworm - U30. *Symmerista leucitys* Franclemont
 orangestriped oakworm - U43. *Anisota senatoria* (J. E. Smith)
 orange tortrix - U49. *Argyrotaenia citrana* (Fernald)
 orchidfly - W13. *Eurytoma orchidearum* (Westwood)
 Oregon fir sawyer - V12. *Monochamus oregonensis* (LeConte)
 Oregon wireworm - V22. *Melanotus oregonensis* (LeConte)
 oriental beetle - V41. *Anomala orientalis* Waterhouse
 oriental cockroach - H3. *Blatta orientalis* Linnaeus
 oriental fruit fly - X35. *Dacus dorsalis* Hendei
 oriental fruit moth - U33. *Grapholitha molesta* (Busck)
 oriental house fly - X19. *Musca domestica vicina* Macquart
 oriental moth - U24. *Cnidocampa flavescens* (Walker)
 oriental rat flea - Y2. *Xenopsylla cheopis* (Rothschild)
 oval guineapig louse - N1. *Gyropus ovalis* Burmeister
 oystershell scale - QQ11. *Lepidosaphes ulmi* (Linnaeus)
 Pacific beetle cockroach - H5. *Diploptera punctata* (Eschscholtz)
 Pacific Coast tick - XXIV-8. *Dermacentor occidentalis* Marx
 Pacific Coast wireworm - V22. *Limoniis canus* LeConte
 Pacific dampwood termite - K2. *Zootermopsis angusticollis* (Hagen)
 Pacific flatheaded borer - V8. *Chrysobothris mali* Horn
 Pacific spider mite - XXIV-14. *Tetranychus pacificus* McGregor
 Pacific tent caterpillar - U22. *Malacosoma constrictum* (Henry Edwards)
 Pacific willow leaf beetle - V13. *Pyrrhalta decora carbo* (LeConte)
 Packard grasshopper - HHHH11. *Melanoplus packardii* Scudder
 painted beauty - U31. *Vanessa virginiensis* (Drury)
 painted hickory borer - V12. *Megacyllene caryae* (Gahan)
 painted lady - U31. *Vanessa cardui* (Linnaeus)
 painted leafhopper - QQ6. *Endria inimica* (Say)
 painted maple aphid - Q2. *Drepanaphis acerifoliae* (Thomas)
 pale juniper webworm - U35. *Aethes rutilana* (Hübner)
 pale leafcutting bee - W17. *Megachile concinna* Smith
 palesided cutworm - U29. *Agrotis malefida* Guenée
 palestriped flea beetle - V13. *Systema blanda* Melsheimer
 pales weevil - V19. *Hylobius pales* (Herbst)
 pale tussock moth - U2. *Halistidota tessellaris* (J. E. Smith)
 pale western cutworm - U29. *Agrotis orthogonia* Morrison
 palmerworm - U13. *Dichomeris ligulella* (Hübner)
 palm leaf skeletonizer - U52. *Homaledra sabalella* (Chambers)
 pandora moth - U43. *Coloradia pandora* Blake
 papaya fruit fly - X35. *Toxotrypana curvicauda* Gerstaecker
 parasitic grain wasp - W31. *Cephalonomia waterstoni* Gahan
 parlatoria date scale - QQ11. *Parlatoria blanchardi* (Targioni-Tozzetti)
 parsleyworm - U34. *Papilio polyxenes asterius* Stoll
 parsnip webworm - U32. *Depressaria pastinacella* (Duponchel)
 pavement ant - W14. *Tetramorium caespitum* (Linnaeus)
 pea aphid - QQ2. *Acyrtosiphon pisum* (Harris)
 peach bark beetle - V42. *Phloeotribus liminaris* (Harris)
 peach silver mite - XXIV-6. *Aculus cornutus* (Banks)
 peachtree borer - U1. *Sanninoidea exitiosa* (Say)
 peach twig borer - U13. *Anarsia lineatella* Zeller
 pea leafminer - X1. *Liriomyza langei* Frick
 pea leaf weevil - V19. *Sitona lineata* (Linnaeus)
 pea moth - U33. *Laspeyresia nigricana* (Stephens)
 pearleaf blister mite - XXIV-6. *Eriophyes pyri* (Pagenstecher)
 pear midge - X6. *Contarinia pyrivora* (Riley)
 pear plant bug - Q11. *Lygocoris communis* (Knight)
 pear psylla - QQ19. *Psylla pyricola* Foerster
 pear rust mite - XXIV-6. *Epitrimerus pyri* (Nalepa)
 pear sawfly - W25. *Caliroa cerasi* (Linnaeus)
 pear thrips - P4. *Taeniothrips inconsequens* (Uzel)
 pea weevil - V7. *Bruchus pisorum* (Linnaeus)
 pecan bud moth - U33. *Gretchena bolliana* (Slingerland)
 pecan carpenterworm - U7. *Cossula magnifica* (Strecker)
 pecan cigar casebearer - U5. *Coleophora laticornella* Clemens
 pecan leaf casebearer - U41. *Acrobasis juglandis* (LeBaron)
 pecan leaf phylloxera - QQ5. *Phylloxera notabilis* Pergande
 pecan leafroll mite - XXIV-6. *Aceria caryae* (Keifer)
 pecan nut casebearer - U41. *Acrobasis caryae* Grote
 pecan phylloxera - QQ5. *Phylloxera devastatrix* Pergande
 pecan spittlebug - QQ4. *Clastoptera achatina* Germar
 pecan weevil - V19. *Curculio caryae* (Horn)
 pepper-and-salt moth - U14. *Biston cognataria* (Guenée)
 peppergrass beetle - V13. *Galeruca browni* Blake
 pepper maggot - X35. *Zonosemata electa* (Say)
 pepper weevil - V19. *Anthonomus eugenii* Cano
 periodical cicada - Q2. *Magicicada septendecim* (Linnaeus)
 persimmon borer - U1. *Sannina uroceriformis* Walker
 persimmon psylla - QQ19. *Trioza diospyri* (Ashmead)
 phantom hemlock looper - U14. *Nepytia phantasmia* (Strecker)
 Pharaoh ant - W14. *Monomorium pharaonis* (Linnaeus)
 phlox plant bug - Q11. *Lopidea davisii* Knight
 pickleworm - U41. *Diaphania nitidalis* (Stoll)
 pigeon fly - X17. *Pseudolynchia canariensis* (Macquart)
 pigeon tremex - W23. *Tremex columba* (Linnaeus)
 pineapple mealybug - QQ18. *Dysmicoccus brevipes* (Cockerell)
 pineapple scale - QQ11. *Diaspis bromeliae* (Kerner)
 pineapple weevil - V19. *Metamasius ritchiei* Marshall
 pine bark aphid - QQ5. *Pineus strobi* (Hartig)
 pine bud mite - XXIV-17. *Trisetacus pini* (Nalepa)
 pine butterfly - U37. *Neophasia menapia* (Felder & Felder)
 pine candle moth - U13. *Exoteleia nepheos* Freeman
 pine chafer - V41. *Anomala obliqua* Horn
 pine colaspis - V13. *Colaspis pini* Barber
 pine engraver - V42. *Ips pini* (Say)
 pine false webworm - W19. *Acantholyda erythrocephala* (Linnaeus)
 pine gall weevil - V19. *Podapion gallicola* Riley
 pine leaf chermid - QQ5. *Pineus pinifoliae* (Fitch)
 pine needleminer - U13. *Exoteleia pinifoliella* (Chambers)
 pine needle scale - QQ11. *Phenacaspis pinifoliae* (Fitch)
 pine needle sheathminer - U20. *Zelleria haimbachi* Busck

pine root collar weevil - V19. *Hylobius radialis* Buchanan
 pine spittlebug - QQ4. *Aphrophora parallela* (Say)
 pine tortoise scale - QQ8. *Toumeyella numismaticum* (Pettit & McDaniel)
 pine tube moth - U49. *Argyrotaenia pinatubana* (Kearfott)
 pine tussock moth - U25. *Dasychira plagiata* (Walker)
 pine webworm - U41. *Tetralopha robustella* Zeller
 pink bollworm - U13. *Pectinophora gossypiella* (Saunders)
 pink scavenger caterpillar - U6. *Sathrobrotia rileyi* (Walsingham)
 pinkstriped oakworm - U43. *Anisota virginensis* (Drury)
 pink sugarcane mealybug - QQ18. *Saccharicoccus sacchari* (Cockerell)
 pifion cone beetle - V42. *Conophthorus edulis* Hopkins
 pipevine swallowtail - U34. *Battus philenor* (Linnaeus)
 pistol casebearer - U5. *Coleophora malivorella* Riley
 pitch-eating weevil - V19. *Pachylobius picivorus* (Germar)
 pitcherplant mosquito - X11. *Wyeomyia smithii* (Coquillett)
 pitch mass borer - U1. *Vespa mima pini* (Kellicott)
 pitch pine tip moth - U33. *Rhyacionia rigidana* (Fernald)
 pitch twig moth - U33. *Petrova comstockiana* (Fernald)
 plains false wireworm - V46. *Eleodes opacus* (Say)
 plaster beetle - V47. *Cartodere constricta* (Gyllenhal)
 plum curculio - V19. *Conotrachelus nenuphar* (Herbst)
 plum gouger - V19. *Coccatorus scutellaris* (LeConte)
 plum leafhopper - QQ6. *Macropsis trimaculata* (Fitch)
 plum rust mite - XXIV-6. *Aculus fockeii* (Nalepa & Trouessart)
 plum web-spinning sawfly - W19. *Neurotoma inconspicua* (Norton)
 polyphemus moth - U43. *Antheraea polyphemus* (Cramer)
 ponderosa pine bark borer - V12. *Acanthocinus princeps* (Walker)
 ponderosa-pine cone beetle - V42. *Conophthorus ponderosae* Hopkins
 poplar-and-willow borer - V19. *Cryptorhynchus lapathi* (Linnaeus)
 poplar borer - V12. *Saperda calcarata* Say
 poplar leaf-folding sawfly - W25. *Phyllocolpa bozemani* (Cooley)
 poplar petiolegall aphid - QQ2. *Pemphigus populitransversus* Riley
 poplar tentmaker - U30. *Ichthyura inclusa* Hübner
 poplar twig-gall aphid - QQ2. *Pemphigus populiramulorum* Riley
 poplar vagabond aphid - QQ2. *Mordwilkoja vagabunda* (Walsh)
 potato aphid - QQ2. *Macrosiphum euphorbiae* (Thomas)
 potato flea beetle - V13. *Epitrix cucumeris* (Harris)
 potato leafhopper - QQ6. *Empoasca fabae* (Harris)
 potato psyllid - QQ19. *Paratrioxa cockerelli* (Sulc)
 potato scab gnat - X20. *Pnyxia scabiei* (Hopkins)
 potato stalk borer - V19. *Trichobaris trinotata* (Say)
 potato stem borer - U29. *Hydroecia micacea* (Esper)
 potato tuberworm - U13. *Phthorimaea operculella* (Zeller)
 poultry bug - Q5. *Haematosiphon inodorus* (Dugès)
 poultry house moth - U47. *Nitidinea fuscipunctella* (Haworth)
 prairie flea beetle - V13. *Altica canadensis* Gentner
 prairie grain wireworm - V22. *Ctenicera aeripennis destructor* (Brown)
 privet aphid - QQ2. *Mysus ligustri* (Mosley)
 privet leaf-miner - U16. *Gracillaria cuculipennella* (Hübner)
 privet mite - XXIV-13. *Brevipalpus obovatus* Donnadieu
 privet thrips - P4. *Dendrothrips ornatus* (Jablonowski)
 promethea moth - U43. *Callosamia promethea* (Drury)

prune leafhopper - QQ6. *Edwardsiana prunicola* (Edwards)
 Puget Sound wireworm - V22. *Ctenicera aeripennis aeripennis* (Kirby)
 purplebacked cabbageworm - U41. *Evergestis pallidata* (Hufnagel)
 purple scale - QQ11. *Lepidosaphes beckii* (Newman)
 purplespotted lily aphid - QQ2. *Macrosiphum lilii* (Monell)
 puss caterpillar - U27. *Megalopyge opercularis* (J. E. Smith)
 Putnam scale - QQ11. *Diaspidiotus ancyclus* (Putnam)
 pyramid ant - W14. *Dorymyrmex pyramicus* (Roger)
 pyriform scale - QQ8. *Protopulvinaria pyriformis* (Cockerell)
 quince curculio - V19. *Conotrachelus crataegi* Walsh
 quince treehopper - QQ16. *Glossonotus crataegi* (Fitch)
 rabbit louse - O2. *Haemodipsus ventricosus* (Denny)
 rabbit tick - XXIV-8. *Haemaphysalis leporispalustris* (Packard)
 ragweed borer - U33. *Epiblema strenuatum* (Walker)
 ragweed plant bug - Q11. *Chlamydatus associatus* (Uhler)
 rain beetles - V41. *Pleocomma* spp.
 raisin moth - U41. *Cadra figulella* (Gregson)
 range caterpillar - U43. *Hemileuca oliviae* Cockerell
 range crane fly - X36. *Tipula simplex* Doane
 rapid plant bug - Q11. *Adelphocoris rapidus* (Say)
 raspberry bud moth - U21. *Lampronia rubiella* (Bjerkand)
 raspberry cane borer - V12. *Oberea bimaculata* (Olivier)
 raspberry cane maggot - X18. *Pegomya rubivora* (Coquillett)
 raspberry crown borer - U1. *Bembecia marginata* (Harris)
 raspberry leafroller - U33. *Exartema permundatum* Clemens
 raspberry sawfly - W25. *Monophadnoides geniculatus* (Hartig)
 red admiral - U31. *Vanessa atalanta* (Linnaeus)
 redbacked cutworm - U29. *Euxoa ochrogaster* (Guenée)
 red-banded leafroller - U49. *Argyrotaenia velutinana* (Walker)
 red-banded thrips - P4. *Selenothrips rubrocinctus* (Giard)
 redberry mite - XXIV-6. *Acalitus essigi* (Hassan)
 redbud leaf-folder - U13. *Fascista cercerisella* (Chambers)
 red carpenter ant - W14. *Camponotus ferrugineus* (Fabricius)
 red clover seed weevil - V19. *Tychius stephensi* Schoenherr
 red date scale - QQ21. *Phoenicococcus marlatti* Cockerell
 red elm bark weevil - V19. *Magdalis armicollis* (Say)
 red flour beetle - V46. *Tribolium castaneum* (Herbst)
 red grasshopper mite - XXIV-16. *Eutrombidium trigonum* (Hermann)
 red harvester ant - W14. *Pogonomyrmex barbatus* (F. Smith)
 redheaded ash borer - V12. *Neoclytus acuminatus* (Fabricius)
 redheaded pine sawfly - W12. *Neodiprion lecontei* (Fitch)
 redhumped caterpillar - U30. *Schizura concinna* (J. E. Smith)
 red imported fire ant - W14. *Solenopsis invicta* Buren
 redlegged flea beetle - V13. *Derocrepis erythropus* (Melsheimer)
 redlegged grasshopper - HHHH11. *Melanoplus femurrubrum* (De Geer)
 redlegged ham beetle - V15. *Necrobia rufipes* (De Geer)

- red milkweed beetle - V12 *Tetraopes tetraphthalmus* (Forster)
rednecked cane borer - V8 *Agilus ruficollis* (Fabricius)
rednecked peanutworm - U13 *Stegasta bosqueella* (Chambers)
red oak borer - V12 *Enaphalodes rufulus* (Haldeman)
red pine cone beetle - V42 *Conophthorus resinosae* Hopkins
red pine sawfly - W12 *Neodiprion nanulus nanulus* Schedl
red pine scale - QQ15 *Matsucoccus resinosae* Bean & Godwin
redshouldered ham beetle - V15 *Necrobia ruficollis* (Fabricius)
redtailed tachina - X34 *Winthemia quadripustulata* (Fabricius)
red turnip beetle - V13 *Entomoscelis americana* Brown
red turpentine beetle - V42 *Dendroctonus valens* LeConte
red wax scale - QQ8 *Ceroplastes rubens* Maskell
regal moth - U43 *Citheronia regalis* (Fabricius)
relapsingfever tick - XXIV-2 *Ornithodoros turicata* (Dugès)
resplendent shield bearer - U17 *Coptodisca splendoriferella* (Clemens)
reticulate mite - XXIV-19 *Lorryia reticulata* (Oudemans)
reticulatewinged booklouse - L3 *Lepinotus reticulatus* Enderlein
rhinoceros beetle - V41 *Xyloryctes jamaicensis* (Drury)
Rhodesgrass scale - QQ18 *Antonina graminis* (Maskell)
rhododendron borer - U1 *Synanthedon rhododendri* Beutenmüller
rhododendron lace bug - Q20 *Stephanitis rhododendri* Horvath
rhododendron whitefly - QQ1 *Dialeurodes chittendeni* Laing
rhubarb curculio - V19 *Lixus concavus* Say
rice delphacid - QQ10 *Sogatodes orizicola* (Muir)
rice leafroller - U19 *Lerodea eufala* (Edwards)
rice stalk borer - U41 *Chilo plejadellus* Zincken
rice stink bug - Q15 *Oebalus pugnax* (Fabricius)
rice water weevil - V19 *Lissorhoptrus oryzophilus* Kuschel
rice weevil - V19 *Sitophilus oryzae* (Linnaeus)
ridgewinged fungus beetle - V47 *Thes bergrothi* (Reitter)
ringlegged earwig - I2 *Euborellia annulipes* (Lucas)
Rocky Mountain grasshopper - HHHH11 *Melanoplus spretus* (Walsh)
Rocky Mountain wood tick - XXIV-8 *Dermacentor andersoni* Stiles
rose aphid - QQ2 *Macrosiphum rosae* (Linnaeus)
rose chafer - V41 *Macrodactylus subspinosus* (Fabricius)
rose curculio - V19 *Rhynchites bicolor* (Fabricius)
rose leaf beetle - V13 *Nodona puncticollis* (Say)
rose leafhopper - QQ6 *Edwardsiana rosae* (Linnaeus)
rose midge - X6 *Dasineura rhodophaga* (Coquillett)
roseroot gall wasp - W11 *Diplolepis radicum* (Osten Sacken)
rose scale - QQ11 *Aulacaspis rosae* (Bouché)
roseslug - W25 *Endelomyia aethiops* (Fabricius)
rose stem girdler - V8 *Agilus aurichalceus* Redtenbacher
rosy apple aphid - QQ2 *Dysaphis plantaginea* (Passerini)
rotund tick - XXIV-8 *Ixodes kingi* Bishop
roughskinned cutworm - U29 *Proxenus mindara* Barnes & McDunnough
roundheaded appletree borer - V12 *Saperda candida* Fabricius
roundheaded cone borer - V12 *Paratimia conicola* Fisher
roundheaded fir borer - V12 *Tetropium abietis* Fall
roundheaded pine beetle - V42 *Dendroctonus adjunctus* Blandford
rustic borer - V12 *Xylotrechus colonus* (Fabricius)
rusty grain beetle - V18 *Cryptolestes ferrugineus* (Stephens)
rusty plum aphid - QQ2 *Hysteroneura setariae* (Thomas)
rusty tussock moth - U25 *Orgyia antiqua* (Linnaeus)
saddleback caterpillar - U24 *Sibine stimulea* (Clemens)
saddled leafhopper - QQ6 *Colladonus clitellarius* (Say)
saddled prominent - U30 *Heterocampa guttivitta* (Walker)
sagebrush defoliator - U13 *Aroga websteri* Clarke
saltmarsh caterpillar - U2 *Estigmene acrea* (Drury)
saltmarsh mosquito - X11 *Aedes sollicitans* (Walker)
sandcherry weevil - V19 *Coccotorus hirsutus* Bruner
sand wireworm - V22 *Horistonotus uhlerii* Horn
San Jose scale - QQ11 *Quadraspidiotus perniciosus* (Comstock)
sapwood timberworm - V31 *Hylecoetus lugubris* Say
Saratoga spittlebug - QQ4 *Aphrophora saratogensis* (Fitch)
saskatoon borer - V12 *Saperda bipunctata* R. Hopping
satin moth - U25 *Stilpnotia salicis* (Linnaeus)
sawtoothed grain beetle - V18 *Oryzaephilus surinamensis* (Linnaeus)
Say blister beetle - V32 *Pomphopoea sayi* LeConte
Say stink bug - Q15 *Chlorochroa sayi* Stål
scab mite - XXIV-9 *Psoroptes equi* (Raspail)
scaly grain mite - XXIV-1 *Sudasia nesbitti* Hughes
scalyleg mite - XXIV-11 *Knemidokoptes mutans* (Robin & Lanquetin)
Schoene spider mite - XXIV-14 *Tetranychus schoenei* McGregor
screwworm - X5 *Cochliomyia hominivorax* (Coquerel)
sculptured pine borer - V8 *Chalcophora angulicollis* (LeConte)
scurfy scale - QQ11 *Chionaspis furfura* (Fitch)
secondary screwworm - X5 *Cochliomyia macellaria* (Fabricius)
seedcorn beetle - V11 *Agonoderus lecontei* Chaudoir
seedcorn maggot - X18 *Hylemyia platyura* (Meigen)
sequoia pitch moth - U1 *Vespa mima sequoiae* (Hy. Edwards)
serpentine leafminer - X1 *Liriomyza brassicae* (Riley)
shaft louse - N2 *Menopon gallinae* (Linnaeus)
shallot aphid - QQ2 *Mysus ascalonicus* Doncaster
sheep biting louse - N4 *Bovicola ovis* (Schränk)
sheep bot fly - X21 *Oestrus ovis* Linnaeus
sheep follicle mite - XXIV-5 *Demodex ovis* Railliet
sheep ked - X17 *Melophagus ovinus* (Linnaeus)
sheep scab mite - XXIV-9 *Psoroptes ovis* (Hering)
shortnosed cattle louse - O1 *Haematopinus eurysternus* (Nitzsch)
shothole borer - V42 *Scolytus rugulosus* (Ratzeburg)
Sigmoid fungus beetle - V17 *Cryptophagus varus* Woodroffe & Coombs
silkworm - U3 *Bombyx mori* (Linnaeus)
silky ant - W14 *Formica fusca* Linnaeus
silky cane weevil - V19 *Metamasius hemipterus sericeus* (Olivier)
silverfish - B1 *Lepisma saccharinum* Linnaeus
silverspotted skipper - U19 *Epargyreus clarus* (Cramer)
silverspotted tiger moth - U2 *Halisidota argentata* Packard
sinuate lady beetle - V16 *Hippodamia sinuata* Mulsant
sinuate peartree borer - V8 *Agilus sinuatus* (Olivier)
Sitka spruce weevil - V19 *Pissodes strobi* (Peck)
sixspotted mite - XXIV-14 *Eotetranychus sexmaculatus* (Riley)
sixspotted thrips - P4 *Scolothrips sexmaculatus* (Pergande)
slash pine sawfly - W12 *Neodiprion merkei* Ross

slash pine seedworm - U33. *Laspeyresia anaranjada* Miller
 slender duck louse - N3. *Anaticola crassicornis* (Scopoli)
 slender goose louse - N3. *Anaticola anseris* (Linnaeus)
 slender guinea louse - N3. *Lipeurus numidae* (Denny)
 slender guineapig louse - N1. *Gliricola porcelli* (Schrank)
 slenderhorned flour beetle - V46. *Gnathocerus maxillosus* (Fabricius)
 slender pigeon louse - N3. *Columbicola columbae* (Linnaeus)
 slender seedcorn beetle - V11. *Clivina impressifrons* LeConte
 slender turkey louse - N3. *Oxylipeurus polytrapesius* (Burmeister)
 small chestnut weevil - V19. *Curculio sayi* Gyllenhal
 smaller European elm bark beetle - V42. *Scolytus multistriatus* (Marsham)
 smalleyed flour beetle - V46. *Palorus ratzeburgi* (Wissmann)
 smaller yellow ant - W14. *Acanthomyops claviger* (Roger)
 small milkweed bug - Q10. *Lygaeus kalmii* Stål
 small pigeon louse - N3. *Campanulotes bidentatus compar* (Burmeister)
 small southern pine engraver - V42. *Ips avulsus* (Eichhoff)
 smartweed borer - U41. *Ostrinia obumbratalis* (Lederer)
 smeared dagger moth - U29. *Acronicta obliqua* (J. E. Smith)
 smokybrown cockroach - H3. *Periplaneta fuliginosa* (Serville)
 smut beetle - V39. *Phalacrus politus* Melsheimer
 snowball aphid - QQ2. *Neoceruraphis viburnicola* (Gillette)
 snowy tree cricket - HHHH5. *Oecanthus fultoni* T. J. Walker
 solitary oak leafminer - U16. *Cameraria hamadryadella* (Clemens)
 Sonoran tent caterpillar - U22. *Malacosoma tigris* (Dyar)
 sorghum midge - X6. *Contarinia sorghicola* (Coquillett)
 sorghum webworm - U29. *Celama sorghiella* (Riley)
 southern armyworm - U29. *Spodoptera eridania* (Cramer)
 southern beet webworm - U41. *Herpetogramma bipunctalis* (Fabricius)
 southern buffalo gnat - X30. *Cnephia pecuarum* (Riley)
 southern cabbageworm - U37. *Pieris protodice* Boisduval & LeConte
 southern cattle tick - XXIV-8. *Boophilus microplus* (Canestrini)
 southern chinch bug - Q10. *Blissus insularis* Barber
 southern corn rootworm - V13. *Diabrotica undecimpunctata howardi* Barber
 southern cornstalk borer - U41. *Diatraea crambidoides* (Grote)
 southern fire ant - W14. *Solenopsis xyloni* McCook
 southern garden leafhopper - QQ6. *Empoasca solana* DeLong
 southern green stink bug - Q15. *Nesara viridula* (Linnaeus)
 southern house mosquito - X11. *Culex pipiens quinquefasciatus* Say
 southern lyctus beetle - V30. *Lyctus planicollis* LeConte
 southern masked chafer - V41. *Cyclocephala immaculata* (Olivier)
 southern mole cricket - HHHH6. *Scapteriscus acletus* Rehn & Hebard
 southern pine beetle - V42. *Dendroctonus frontalis* Zimmerman
 southern pine coneworm - U41. *Dioryctria amatella* (Hulst)
 southern pine root weevil - V19. *Hyllobius aliradicis* Warner

southern pine sawyer - V12. *Monochamus titillator* (Fabricius)
 southern potato wireworm - V22. *Conoderus falli* Lane
 southern red mite - XXIV-14. *Oligonychus ilicis* (McGregor)
 southwestern corn borer - U41. *Diatraea grandiosella* (Dyar)
 southwestern hercules beetle - V41. *Dynastes granti* Horn
 southwestern tent caterpillar - U22. *Malacosoma incurvum* (Henry Edwards)
 soybean looper - U29. *Pseudoplusia includens* (Walker)
 Spanishfly - V32. *Lyta vesicatoria* (Linnaeus)
 spicebush swallowtail - U34. *Papilio troilus* Linnaeus
 spider mite destroyer - V16. *Stethorus picipes* Casey
 spinach flea beetle - V13. *Disonychia xanthomelas* (Dalman)
 spinach leafminer - X18. *Pegomya hyoscyami* (Panzer)
 spined assassin bug - Q18. *Sinea diadema* (Fabricius)
 spined rat louse - O2. *Polyplax spinulosa* (Burmeister)
 spined soldier bug - Q15. *Podisus maculiventris* (Say)
 spined stilt bug - Q4. *Jalysus spinosus* (Say)
 spiny oakworm - U43. *Anisota stigma* (Fabricius)
 spirea aphid - QQ2. *Aphis spiraeicola* Patch
 spotted alfalfa aphid - QQ2. *Therioaphis maculata* (Buckton)
 spotted asparagus beetle - V13. *Crioceris duodecimpunctata* (Linnaeus)
 spotted beet webworm - U41. *Hymenia perspectalis* (Hübner)
 spotted blister beetle - V32. *Epicauta maculata* (Say)
 spotted cucumber beetle - V13. *Diabrotica undecimpunctata howardi* Barber
 spotted cutworm - U29. *Amathes c-nigrum* (Linnaeus)
 spotted garden slug - I-3. *Limax maximus* Linnaeus
 spotted hairy fungus beetle - V24. *Mycetophagus quadraguttatus* Müller
 spotted Mediterranean cockroach - H4. *Ectobius pallidus* (Olivier)
 spotted pine sawyer - V12. *Monochamus maculosus* Haldeman
 spotted tussock moth - U2. *Halisidota maculata* (Harris)
 spottedwinged antlion - RRR5. *Dendroleon obsoletus* (Say)
 spring cankerworm - U14. *Paleacrita vernata* (Peck)
 spruce aphid - QQ2. *Elatobium abietinum* (Walker)
 spruce beetle - V42. *Dendroctonus rufipennis* (Kirby)
 spruce bud midge - X6. *Rhabdophaga swainei* Felt
 spruce bud moth - U33. *Zeiraphera canadensis* Mutsuura & Freeman
 spruce bud scale - QQ8. *Physokermes piceae* (Schrank)
 spruce budworm - U49. *Choristoneura fumiferana* (Clemens)
 spruce coneworm - U41. *Dioryctria reniculella* (Grote)
 spruce mealybug - QQ18. *Puto sandini* Washburn
 spruce needleminer - U33. *Taniva albolineana* (Kearfott)
 spruce seed moth - U33. *Laspeyresia youngana* Kearfott
 spruce spider mite - XXIV-14. *Oligonychus ununguis* (Jacobi)
 squarenecked grain beetle - V18. *Cathartus quadricollis* (Guérin-Méneville)
 squarenosed fungus beetle - V47. *Lathridius minutus* (Linnaeus)
 squash beetle - V16. *Epilachna borealis* (Fabricius)
 squash bug - Q6. *Anasa tristis* (De Geer)
 squash vine borer - U1. *Melittia cucurbitae* (Harris)
 stable fly - X19. *Stomoxys calcitrans* (Linnaeus)
 stalk borer - U29. *Papaipema nebris* (Guenée)
 steelblue lady beetle - V16. *Orcus chalybeus* (Boisduval)
 sticktight flea - Y2. *Echidnophaga gallinacea* (Westwood)

- stinging rose caterpillar - U24
Parasa indetermina (Boisduval)
 stink beetle - V11
Nomius pygmaeus (Dejean)
 stored nut moth - U41
Aphomia gularis (Zeller)
 strawberry aphid - QQ2
Chaetosiphon fragaefolii (Cockerell)
 strawberry crown borer - V19
Tyloclerum fragariae (Riley)
 strawberry crownminer - U13
Aristotelia fragariae Busck
 strawberry crown moth - U1
Synanthedon bibionipennis (Boisduval)
 strawberry leafroller - U33
Ancylos compta fragariae (Walsh & Riley)
 strawberry root aphid - QQ2
Aphis forbesi Weed
 strawberry root weevil - V19
Brachyrhinus ovatus (Linnaeus)
 strawberry rootworm - V13
Paria fragariae Wilcox
 strawberry spider mite - XXIV-14
Tetranychus turkestanus Ugarov & Nikolski
 strawberry weevil - V19
Anthonomus signatus Say
 strawberry whitefly - QQ1
Trialeurodes packardii (Morrill)
 straw itch mite - XXIV-10
Pyemotes ventricosus (Newport)
 striped alder sawfly - W25
Hemichroa crocea (Fourcroy)
 striped ambrosia beetle - V42
Trypodendron lineatum (Olivier)
 striped blister beetle - V32
Epicauta vittata (Fabricius)
 striped cucumber beetle - V13
Acalymma vittata (Fabricius)
 striped cutworm - U29
Euxoa tessellata (Harris)
 striped flea beetle - V13
Phyllotreta striolata (Fabricius)
 striped garden caterpillar - U29
Polia legitima (Grote)
 striped horse fly - X33
Tabanus lineola Fabricius
 striped mealybug - QQ18
Ferrisia virgata (Cockerell)
 subulina snail - I-1
Subulina octona (Bruguere)
 suckfly - Q11
Cyrtopeltis notatus Distant
 sugarbeet crown borer - U41
Hulsia undulatella (Clemens)
 sugarbeet root aphid - QQ2
Pemphigus populivenerae Fitch
 sugarbeet root maggot - X22
Tetanops myopaeformis (Röder)
 sugarbeet wireworm - V22
Limoniis californicus (Mannerheim)
 sugarcane beetle - V41
Euthoea rugiceps (LeConte)
 sugarcane borer - U41
Diatraea saccharalis (Fabricius)
 sugarcane bud moth - U47
Ereunetis flavistriata (Walsingham)
 sugarcane leafhopper - QQ10
Perkinsella saccharicida Kirkaldy
 sugarcane leafroller - U41
Hedylepta accepta (Butler)
 sugarcane thrips - P4
Thrips saccharoni Moulton
 sugar maple borer - V12
Glycobius speciosus (Say)
 sugar pine cone beetle - V42
Conophthorus lambertianae Hopkins
 sunflower beetle - V13
Zygogramma exclamatoris (Fabricius)
 sunflower maggot - X35
Strauzia longipennis (Wiedemann)
 sunflower moth - U41
Homoeosoma electellum (Hulst)
 sunflower seed midge - X6
Neolasioptera murtfeldtiana Felt
 sunflower spittlebug - QQ4
Clasoptera xanthocephala Germar
 superb plant bug - Q11
Adelphocoris superbus (Uhler)
 Surinam cockroach - H5
Pycnoscelus surinamensis (Linnaeus)
 Swaine jack pine sawfly - W12
Neodiprion swaini Middleton
 swallow bug - Q5
Oeciacus vicarius Horvath
 sweetclover aphid - QQ2
Therioaphis riehmi (Börner)
 sweetclover root borer - U51
Walshia misecolorella (Chambers)
 sweetclover weevil - V19
Sitona cylindricollis Fähræus
 sweetpotato flea beetle - V13
Chaetocnema confinis Crotch
 sweetpotato hornworm - U46
Agrius cingulatus (Fabricius)
 sweetpotato leaf beetle - V13
Typophorus nigrinus viridicyaneus (Crotch)
 sweetpotato leafminer - U26
Bedellia orchilella Walsingham
 sweetpotato leafroller - U41
Pilocrocis tripunctata (Fabricius)
 sweetpotato vine borer - U41
Omphisa anastomosalis (Guenée)
 sweetpotato weevil - V19
Cylas formicarius elegantulus (Summers)
 sweetpotato whitefly - QQ1
Bemisia tabaci (Gennadius)
 sycamore lace bug - Q20
Corythucha ciliata (Say)
 sycamore tussock moth - U2
Halisidota harrisii Walsh
 Tahitian coconut weevil - V19
Diocalandra taitensis Guérin-Ménéville
 tarnished plant bug - Q11
Lygus lineolaris (Palisot de Beauvois)
 tawny garden slug - I-3
Limax flavus Linnaeus
 tea scale - QQ11
Fiorinia theae Green
 tenlined June beetle - V41
Polyphylla decemlineata (Say)
 terrapin scale - QQ8
Lecanium nigrofasciatum Pergande
 Texas citrus mite - XXIV-14
Eutetranychus banksi (McGregor)
 Texas leafcutting ant - W14
Atta texana (Buckley)
 thief ant - W14
Solenopsis molesta (Say)
 thirteenspotted lady beetle - V16
Hippodamia tredecimpunctata tibialis (Say)
 thistle aphid - QQ2
Brachycaudus cardui (Linnaeus)
 threebanded leafhopper - QQ6
Erythroneura tricolor Fitch
 threecornered alfalfa hopper - QQ16
Spissistilus festinus (Say)
 threelined leafroller - U49
Pandemis limitata (Robinson)
 threelined potato beetle - V13
Lema trilineata (Olivier)
 threespotted flea beetle - V13
Disonychia triangularis (Say)
 threestriped blister beetle - V32
Epicauta lemnicata (Fabricius)
 throat bot fly - X16
Gasterophilus nasalis (Linnaeus)
 thurberia weevil - V19
Anthonomus grandis thurberiae Pierce
 tiger swallowtail - U34
Papilio glaucus Linnaeus
 tilehorned prionus - V12
Prionus imbricornis (Linnaeus)
 tipdwarf mite - XXIV-6
Calepiterimerus thujae (Garman)
 toad bug - Q8
Gelastocoris oculatus (Fabricius)
 tobacco budworm - U29
Heliothis virescens (Fabricius)
 tobacco flea beetle - V13
Epitrix hirtipennis (Melsheimer)
 tobacco hornworm - U46
Manduca sexta (Linnaeus)
 tobacco moth - U41
Ephesia elutella (Hübner)
 tobacco stalk borer - V19
Trichobaris mucorea (LeConte)
 tobacco thrips - P4
Frankliniella fusca (Hinds)
 tobacco wireworm - V22
Conoderus vespertinus (Fabricius)
 tomato fruitworm - U29
Heliothis zea (Boddie)
 tomato hornworm - U46
Manduca quinquemaculata (Haworth)
 tomato pinworm - U13
Keiseria lycopersicella (Walsingham)
 tomato psyllid - QQ19
Paratrioza cockerelli (Sulc)
 tomato russet mite - XXIV-6
Aculops lycopersici (Massee)
 toothed flea beetle - V13
Chaetocnema denticulata (Illiger)

torsalo - X32. *Dermatobia hominis* (Linnaeus, Jr.)
transverse lady beetle - V16. *Coccinella transversoguttata* Faldermann
trefoil seed chalcid - W13. *Bruchophagus kolobovae* Fedoseeva
tropical fowl mite - XXIV-4. *Ornithonyssus bursa* (Berlese)
tropical horse tick - XXIV-8. *Anocentor nitens* (Neumann)
tropical rat louse - Q2. *Hoplopleura pacifica* Ewing
tropical rat mite - XXIV-4. *Ornithonyssus bacoti* (Hirst)
tuber flea beetle - V13. *Epitrix tuberis* Gentner
tule beetle - V11. *Agonum maculicollae* Dejean
tulip bulb aphid - QQ2. *Dysaphis tulipae* (Fonscolombe)
tuliptree aphid - QQ2. *Macrasiphum liriodendri* (Monell)
tuliptree scale - QQ8. *Toumeyella liriodendri* (Gmelin)
tumid spider mite - XXIV-14. *Tetranychus tumidus* Banks
tupelo leafminer - U17. *Antispila nysaeifoliella* Clemens
turkey gnat - X30. *Stimulium meridionale* Riley
turnip aphid - QQ2. *Hyadaphis pseudobrassicae* (Davis)
turnip maggot - X18. *Hylemya floralis* (Fallén)
turpentine borer - V8. *Buprestis apicans* Herbst
twicestabbed lady beetle - V16. *Chilocorus stigma* (Say)
twig girdler - V12. *Oncideres cingulata* (Say)
twig pruner - V12. *Elaphidionoides villosus* (Fabricius)
twobanded fungus beetle - V46. *Alphitophagus bifasciatus* (Say)
twolined chestnut borer - V8. *Agrilus bilineatus* (Weber)
twolined spittlebug - QQ4. *Prosapia bicincta* (Say)
twomarked treehopper - QQ16. *Enchenopa binotata* (Say)
twospotted lady beetle - V16. *Adalia bipunctata* (Linnaeus)
twospotted spider mite - XXIV-14. *Tetranychus urticae* Koch
twospotted stink bug - Q15. *Perillus bioculatus* (Fabricius)
twostriped grasshopper - HHHH11. *Melanoplus bivittatus* (Say)
twostriped walkingstick - HHH1. *Anisomorpha buprestoides* (Stoll)
uglynest caterpillar - U49. *Archips cerasivoranus* (Fitch)
unicorn caterpillar - U30. *Schizura unicornis* (J. E. Smith)
vagabond crambus - U8. *Crambus vulgivagellus* Clemens
variable oakleaf caterpillar - U30. *Heterocampa manteo* (Doubleday)
varied carpet beetle - V20. *Anthrenus verbasci* (Linnaeus)
variegated cutworm - U29. *Peridroma saucia* (Hübner)
vedalia - V16. *Rodolia cardinalis* (Mulsant)
vegetable leafminer - X1. *Liriomyza munda* Frick
vegetable weevil - V19. *Listroderes costirostris obliquus* (Klug)
velvetbean caterpillar - U29. *Anticarsia gemmatilis* Hübner
verbena bud moth - U33. *Endothenia hebesana* (Walker)
vetch bruchid - V7. *Bruchus brachialis* Fähræus
viburnum aphid - QQ2. *Aphis viburniphila* Patch
viceroi - U31. *Limenitis archippus* (Cramer)
violet aphid - QQ2. *Myzus violae* (Pergande)
violet sawfly - W25. *Ametastegia pallipes* (Spinola)

Virginiacreeper leafhopper - QQ6. *Erythroneura ziczac* (Walsh)
Virginiacreeper sphinx - U46. *Darapsa myron* (Cramer)
walkingstick - HHH1. *Diaperomera femorata* (Say)
walnut aphid - QQ2. *Chromaphis juglandicola* (Kaltenbach)
walnut blister mite - XXIV-6. *Aceria erinea* (Nalepa)
walnut caterpillar - U30. *Datana integerrima* Grote & Robinson
walnut husk fly - X35. *Rhagoletis completa* Cresson
walnut scale - QQ11. *Quadraspidiotus juglansregiae* (Comstock)
walnut sphinx - U46. *Cressonia juglandis* (J. E. Smith)
warty grain mite - XXIV-18. *Aeroglyphus robustus* (Banks)
watercress leaf beetle - V13. *Phaedon viridus* (Melsheimer)
watercress sowbug - II-1. *Lirceus brachyurus* (Harger)
waterlily aphid - QQ2. *Rhopalosiphum nymphaeae* (Linnaeus)
waterlily leaf beetle - V13. *Pyrrhalta nymphaeae* (Linnaeus)
waterlily leafcutter - U41. *Synchlita oblitalis* (Walker)
webbing clothes moth - U47. *Tineola bisselliella* (Hummel)
western balsam bark beetle - V42. *Dryocoetes confusus* Swaine
western bean cutworm - U29. *Loxagrotis albicosta* (Smith)
western bigeyed bug - Q10. *Geocoris pallens* Stål
western black flea beetle - V13. *Phyllotreta pusilla* Horn
western blackheaded budworm - U49. *Acleris gloverana* (Walsingham)
western bloodsucking conenose - Q18. *Triatoma protracta* (Uhler)
western boxelder bug - Q21. *Leptocoris rubrolineatus* Barber
western brown stink bug - Q15. *Euschistus impictiventris* Stål
western cedar bark beetle - V42. *Phloeosinus punctatus* LeConte
western cedar borer - V8. *Trachykele blondeli* Marseul
western cherry fruit fly - X35. *Rhagoletis indifferens* Curran
western chicken flea - Y1. *Ceratophyllus niger* Fox
western chinch bug - Q10. *Blissus occiduus* Barber
western corn rootworm - V13. *Diabrotica virgifera* LeConte
western damsel bug - Q12. *Nabis alternatus* Parshley
western drywood termite - K2. *Incisitermes minor* Hagen
western field wireworm - V22. *Limonijs infuscatus* Motschulsky
western flower thrips - P4. *Frankliniella occidentalis* (Pergande)
western grapeleaf skeletonizer - U50. *Harrisina brillians* Barnes & McDunnough
western grape rootworm - V13. *Adoxus obscurus* (Linnaeus)
western harvester ant - W14. *Pogonomyrmex occidentalis* (Cresson)
western hemlock looper - U14. *Lambdina fiscellaria lugubrosa* (Hulst)
western lily aphid - QQ2. *Macrosiphum scoliopi* Essig
western oak looper - U14. *Lambdina fiscellaria somnaria* (Hulst)
western peachtree borer - U1. *Sanninoidea exitiosa graefi* (Hy. Edwards)
western pine beetle - V42. *Dendroctonus brevicornis* LeConte
western potato flea beetle - V13. *Epitrix subcrinita* (LeConte)
western potato leafhopper - QQ6. *Empoasca abrupta* DeLong