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Index to Information on Insects Associated With Western Wildland Shrubs

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CONTENTS

	Page
Introduction	1
Scope	1
Description of Sections	2
Bibliography	2
Collection	3
Insect	3
Plant	4
Errors in Inconsistencies	4
Additions to the Database	4
Section I: Bibliography Information	5
Bibliography Listing	5
Insect to Bibliography Index	28
Plant to Bibliography	67
Author to Bibliography Index	74
Subject to Bibliography Index	78
Title Keyword to Bibliography Index	80
Section II: Collection Information	82
Collection Listing	82
Insect to Collection Index	93
Plant to Collection Index	105
Section III: Insect Information	106
Insect Listing	106
Insect Family Listing	242
Insect Family to Insect Index	247
Insect Order to Family Index	255
Insect Common Name to Insect Index	256
Immature Guild to Insect Index	263
Adult Guild to Insect Index	265
Section IV: Plant Information	266
Plant Listing	266
Plant Family to Plant Index	289
Plant Common Name to Plant Index	291

Front Cover, clockwise from upper left: a Malaise trap for assessing insects of a plant community; flatheaded or metallic wood borer, Buprestidae; mealybug, *Orthezia annae*; casebearer moth, *Coleophora*; and larva of the giant silkworm moth, Saturniidae.

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INTRODUCTION

Changes in the general image and economic importance of rangelands have intensified the need for a broader knowledge of rangeland biology. New laws requiring rehabilitation of rangelands disturbed by mining, road building, development of energy resources, etc., and the requirement of depositing escrow funds until fulfillment of rehabilitation requirements, have intensified the need for basic new information.

New demands for increased amounts and quality of native shrub seed have resulted in increased numbers of private plant material companies to meet the need for restoration and range improvements. But little is known about how to improve rangeland shrub seed production by protecting plants from injurious insects, or how to use insects as pollinators. Even commonly used agricultural practices of protecting seeds and seedlings from disease agents or insect attack are rarely used in the establishment and management of rangeland grasses or wildland shrubs. State Seed Laboratories are faced with entirely new problems in evaluating the quality of native rangeland plant seed. New information is needed on the factors that affect seed quality, on establishing standards for seed germination, and on the production of containerized or field-established plants.

Requests to use rangelands for recreation, increased food production, development of energy-producing products, deposits for nuclear wastes, or military and others uses have resulted in the legal requirement of environmental impact statements. For making a knowledgeable judgment, limited information exists on how such activities may interact with the biology of rangeland insects.

Results of some cooperative research projects to obtain basic information about the ecology of rangeland insects (for example, the Desert Biome Projects) have remained largely unpublished.

A starting point in increasing knowledge would be a retrieval system for existing information. It would serve as a useful tool for a large and diverse group of rangeland managers, extension agents, and scientists for improving present insect management, in setting research priorities, and in planning experimentation.

The objective of this publication is to provide a brief summary of available information on insects associated with wildland shrubs and to provide an index system

to access information from published literature and insect collection records.

SCOPE

The scope of this publication is limited by botanical, geographic, chronological, and entomological restrictions.

Botanically, the index is limited to rangeland or wildland shrubs. Some plant species included may have agricultural or ornamental uses as well, but occur in wildlands. We made an effort to characterize the form of plants included. Treelike species may be contained in the genera *Acer*, *Alnus*, *Betula*, *Juniperus*, *Pinus*, *Quercus*, and *Salix*. Forblike species may be contained in the genera *Ambrosia*, *Amorpha*, *Artemisia*, *Dalea*, *Erigonum*, *Franseria*, *Haplopappus*, *Kochia*, and *Lupinus*. The definition of a tree or forb is open to interpretation, so the above genera are indicated only as a guideline. More latitude was given to forblike than treelike species. For example, *Quercus* species were not indexed unless they were shrublike species (such as *Quercus dumosa*), but with *Ambrosia* species were included even if no shrublike species was mentioned. To be indexed, plant species mentioned in literature or collection records had to be identified at least to genus. Thus, plant genera, species, subspecies, and varieties are included in the plant listing.

Geographically, the index is limited to the continental United States west of the 100th meridian, including States divided by this line. A few bibliographic records are included from British Columbia for insect species also occurring in the Western United States.

Chronologically, the index is limited to works published after 1899. Collection records currently included are primarily from the 1970's and 1980's.

Entomologically, the index is limited to insects that are associated with the included plant species. Thus, each bibliography or collection record must necessarily mention at least one insect-shrub association. However, it should be understood that an association may not necessarily represent actual utilization of a shrub by an insect. Relationships between insects and shrubs may be uncertain or incidental in some cases. For example, tenebrionid beetles are mentioned by several works in association with shrub communities, although specific host data are not given. Likewise, the associations of predators and parasites may be related

to the prey and not directly to the prey host plant, and other insects may be only incidentally collected from plants on which they rest or visit for short durations. Conversely, there are many insect-shrub associations that represent a food or dwelling (biological) use of a shrub by an insect. The occurrence of the mesquite twig girder (*Oncideres rhodosticta*) on mesquite (*Prosopis* spp.), the Great Basin tent caterpillar (*Malacosoma californicum fragile*) on bitterbrush (*Purshia*), the sagebrush defoliator (*Aroga websteri*) on sagebrush (*Artemisia*), the cactus joint bug (*Chelinidea vittiger*) on prickly pear (*Opuntia*), and the canyon spindle gall midge (*Pinyonia edulicola*) on pinyon pine (*Pinus*) all represent well-documented examples of insects that have biological associations with rangeland shrubs. To be indexed, insect species mentioned in literature or collection records had to be identified at least to family. Thus, insect families, genera, species, subspecies, and varieties are included in the insect listing.

DESCRIPTION OF SECTIONS

The four major information sections in this publication are bibliography, collection, insect, and plant. Each section is divided into listings and indexes.

A listing contains summaries of information (literature, repositories, or scientific names) that are organized numerically. These listing numbers can in turn be found in the indexes. An index, because it is organized alphabetically, makes it easier to find a specific topic in the listings.

For example, to find a bibliography concerning a specific insect, you need to go to section I, Bibliography Information. Find the particular insect species name in the alphabetical index titled "Insect to Bibliography Index," listing numbers. Next, using the listing numbers, find the bibliographic references at the beginning of the section.

A more specific example: You wish to find names for species in the plant family Cornaceae. Looking in section IV, Plant Information, you find Cornaceae in the "Plant Family to Plant Index." There you find seven numbers that correspond to the "Plant Listing" at the beginning of the section. The names of the plants in Cornaceae can be determined by locating each of these seven numbers in the "Plant Listing."

All information contained in this publication was compiled on a microcomputer database system, which performed the tasks of storage and retrieval. Additional information may be added to this system as it becomes available.

Bibliography

Section I, the bibliography, was compiled from three sources: computer database searches, library searches, and personal files. There is a single listing and five accompanying indexes. All indexes of this section refer to the bibliographic listing.

Each bibliographic entry in the listing contains the following information: author(s) name(s), publication year, subject title, publication title, volume and issue

(or other series number), and page numbers. Indexes contain information on insect scientific name, plant scientific name, author name, subject, or title keyword.

Literature in the bibliography was examined wherever possible and indexed according to subject matter. Materials not available for examination were indexed based on the title of the work. The results of this process are summarized in the "Subject to Bibliography Index." The depth of information varies widely among works, and many works contain information pertaining to more than one subject. A brief review of the subject matter covered by the literature will be given here.

The first five topics of the subject index deal with aspects of insect biology, control, damage, distribution, and taxonomy. Insect distributional information was the most often encountered topic, followed by taxonomy, damage description, biology, and control.

Insect biology has been studied in detail for a few of the more important range pests. However, the biology and life histories of most of the insects included are unknown or are not discussed with respect to specific range plant hosts.

Insect control has only been studied for a few of the more important range pests or other insects that are considered economically important. Migration of pests from range plants has been detected for certain insects that are also found in agricultural situations, but this factor has been given little consideration in control schemes.

Distribution information ranges from extensive regional summaries of insect distribution to brief collection accounts. While the usefulness of brief accounts is limited when they are considered by themselves, such information may be useful if summarized. Distributional information is also contained within many works that have biological or taxonomic topics as their major emphasis.

Information on insect damage consists of accounts of insect outbreaks, descriptions of damage, and observations of feeding. Outbreaks of range pests are often noted in some of the major range journals. Other damage accounts or feeding observations are given for insects of economic importance and may be included within works dealing with insect biology. Some major works contain insect damage descriptions for many species.

Insect taxonomic information and species descriptions may be contained in major works, such as reviews or revisions, but primarily occur in less comprehensive works. Much of this information is contained in descriptions of new species, which are commonly encountered in the literature.

The next four topics of the "Subject to Bibliography Index," deal with host plant-insect relationships and aspects of host plant biology and ecology. Host plant-insect relationships are mentioned most often, followed by host plant listings, biological aspects, and ecological aspects.

Comprehensive host plant or food plant listings have been produced for a variety of insects. Such listings often include important range plants. Abundance and associational studies of the insect fauna of specific

plants have been examined in several works. Many works of these types contain only a list of plant or insect species, with little other information.

Host plant-insect relationships and the coevolution of plant and insect have received much attention in recent literature. However, relatively few of these works mention range plants.

Dietary studies have been conducted mainly with grasshoppers found on rangeland. Works dealing with this subject are quite extensive and have been produced in several Western States.

Studies of pollinators of range plants are rather rare. This topic deserves further investigation because pollination may have a profound effect on plant production.

Host plant physiology, anatomy, and pathology, as they relate to insects, have received little attention. As plant resistance is often related to plant physiology or anatomy, further studies of insect-plant relationships at this level are certainly justifiable.

Plant ecology and plant community relationships to insects have also received little attention. Plant ecology studies sometimes mention insect relationships, but this aspect is generally given secondary treatment. Far more information is given for soil and water relations, for example, than for insect relations. The relationship between insects and range plant communities has been the subject of a few ecological studies.

The remaining topics of the "Subject to Bibliography Index" are related to aspects of range management and to specific types of plant losses or damage. Plant productivity, forage losses, and defoliation are mentioned most often, followed by wood damage and wood pests, seed production and predation, gall formation and gall-forming insects, control of noxious weeds, soil relations, management practices related to insects, and revegetation or plant establishment.

Specific information about range management as it relates to insects is scarce. Grazing and burning are the only range practices mentioned in conjunction with insect control. A few works on rangeland entomology specifically are included with this topic.

Revegetation and plant establishment, although an extremely important topic recently, seldom considers insects. The effect of insects on such practices is apparently little understood and has not been investigated in detail. Control of noxious shrubs with insects is mentioned for a few range plants. Control of cactus is the subject most often encountered.

Plant productivity, forage losses, and defoliation are mentioned in a few dozen works, but specific economic data are seldom included.

Seed production and predation have not been examined in detail except for a few range plants such as bitterbrush. Several works mention the effects of harvester ants on seed production in plant communities.

Gall formation and gall-forming insects are a fairly popular topic in the literature. However, little is apparently known about the effects such galls have on the host plants.

Wood damage and wood-damaging insects have received some attention in rangeland entomology.

However, as with studies of plant productivity and defoliation, specific economic data are seldom included, and the actual effect of such insects on production is unknown.

In summary, there is a deficit of information dealing specifically with the effect of insects on range plants. There are many areas of range entomology where further study is justified and necessary. Practical and useful management or control practices cannot be devised without a clear understanding of insect biology and host plant relationships. Such work will most likely be performed first with useful range shrubs, but the relationships of less useful or noxious shrubs may also be important in the overall range ecosystem and should not be ignored. Undoubtedly many insect species may be causing damage that is not recognized, or species may be providing benefits of which we are not aware.

Collection

Section II, the collection portion of this publication, contains information about insects collected from rangeland shrubs in Utah, Wyoming, and Idaho. Information from other Western States was requested but unavailable for a variety of reasons.

The collection information section contains one listing and two accompanying indexes.

The "collection listing" contains the following: State, county, and date of collection, host plant, collection method, number of collection units, elevation of the collection site, and location of the stored specimens. State, county, date, host plant, and insect species are included for all items listed. Other information is given where available or applicable.

The indexes allow collection records to be located according to insect and plant scientific names. All indexes of this section refer to the collection listing.

The relationships between insects and shrub species mentioned in collection records may be uncertain or incidental in certain cases. Many of the collections were made by sweep net, and actual observations of insects feeding on specific plants were not made. Thus, the insect and plant indexes provide a list of potential insect visitors of a plant, or of potential plant hosts of an insect. Numerical data for some insects collected from range shrubs are currently stored on the computer database system, and such information may help elucidate some of these insect-plant relationships. However, these numerical data are not easily presented in a summarized form and must be obtained directly from the computer database.

Insect

Section III, the insect information, currently contains about 6,000 insect species. Some of these insects may be indexed under more than one name because no specific attempt was made to determine synonymy. Synonyms are noted in a few cases where such information was encountered in the literature.

Insect information is contained in two listings and in four accompanying indexes.

Each item in the "Insect Listing" may contain the following: insect scientific name, common name, authority, family, order, immature and adult guild, immature and adult size range in millimeters, overwintering stage or stages, oviposition medium, and number of generations per year. Insect family and order were determined for nearly all records. For those unfamiliar with the term, "insect guild" refers to the feeding or life habits of a particular insect. Such descriptions as "leaf feeder," "gall former," "bark beetle," "scavenger," and "endoparasite" are all examples of insect guilds. Guilds and other information are presented where available.

An "Insect Family Listing" is also included in this section.

The indexes allow insect information to be located according to insect family, order, immature guild, and adult guild. All indexes refer to the "Insect Listing," except the "Insect Order to Family Index," which refers to the "Insect Family Listing."

Plant

Section IV, on plant species, contains about 1,100 species' names. Some of these plants, as with insects, may be indexed under more than one scientific name. Some plants in the listing may have no corresponding bibliography or collection indexes in cases where no information was found.

The plant information section contains one listing and two indexes.

Each record in the "Plant Listing" may contain the following: plant scientific name, common name, authority, family, height range in centimeters, major uses, palatability rating, and percentage crude protein. Plant scientific name was required for all records, and plant families have been determined for virtually all records. Other information is presented where it was available.

The indexes allow plant listing information to be located according to either plant family or common name.

ERRORS AND INCONSISTENCIES

Certain errors or inconsistencies may have been perpetuated during the production of this index. Although the computer system used to compile information could detect spelling errors during data entry, certain other inconsistencies have not been resolved. For example, spelling variations of scientific names are often found in the literature, such as *Euttetix tenellus* versus *Eutettix tenella*. Generally, spelling variations were included in the insect or plant listings except where obvious typographical errors existed. Some equivalent spellings, such as *Pachybrachis* and *Pachybrachys*, are simply cross-indexed in the listings.

Insect names have been examined for spelling errors by two insect taxonomists, and much effort has been invested to assure correct spellings in the completed indexes. Even so, some errors may have escaped detection. The authors would appreciate any corrections users of the indexes wish to offer.

ADDITIONS TO THE DATABASE

The computer system used to store information for this publication is capable of being updated with new information as it becomes available. New literature regarding insects associated with rangeland shrubs, as well as additional collection information, may be added to the system.

The authors anticipate that future additions to the database will be published as supplements to this index. We welcome any contributions or suggestions users of this index wish to offer.

SECTION I: BIBLIOGRAPHY INFORMATION

Bibliography Listing

This listing contains bibliographic information. See "Description of the Sections" for details about the information included in the listing. Items in the listing are organized numerically and are located using one of the five indexes that follow in this section.

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Insect to Bibliography Index

This index is organized alphabetically by insect scientific name. Bracketed numbers following the names are listing numbers found in the "Insect Listing," in section III. For example, the species *Abaeis nicippe*, which is followed by the bracketed number "[5013]," can be found in the "Insect Listing" as record number 5013. Numbers not contained in brackets are listing numbers found in the "Bibliography Listing."

(Not examined, insect species undetermined) [1] 533 535 540 541
543 545 546 548 550 554 556 557 560 561
567 571 573 577 578 582 584 585 586 589
Abaeis nicippe [5013] 522
Abagrotis apposita [4746] 491
Abagrotis barnesi [4744] 491
Abagrotis discoidalis [4742] 491
Abagrotis erratica [4738] 491
Abagrotis forbesi [4741] 491
Abagrotis nanalis [4740] 491
Abagrotis nefascia [4743] 491
Abagrotis spp. [4745] 491
Acalymma trivittata [3051] 229
Acanalonia invenusta [183] 8
Acanalonia parva [184] 8
Acanthocinus spectabilis [4267] 393
Acanthocinus spp. [4266] 393
Acanthoscelides aequalis [56] 8
Acanthoscelides aureolus [1065] 36 323
Acanthoscelides collusus [1824] 83 502
Acanthoscelides compressicornis [57] 8
Acanthoscelides daleae [4878] 502
Acanthoscelides floridae [2835] 175
Acanthoscelides obrienorum [58] 8 502
Acanthoscelides pauperculus [5219] 526
Acanthoscelides schrankiae [59] 8
Acanthoscelides submuticus [3705] 312
Aceratagallia californica [2961] 229 362
415 416 417 424
Aceratagallia cinerea [432] 421
Aceratagallia fuscscripta [1938] 98
Aceratagallia humulis [1154] 36 323
Aceratagallia lyrata [4407] 416 418
Aceratagallia nitidula [4368] 415
Aceratagallia pallida [4467] 419 424
Aceratagallia sanguinolenta [189] 8
Aceratagallia spp. [626] 147 415 416 424
Aceratagallia truncata [4451] 418 424
Aceratagallia uhleri [190] 8
Aceratagallia vulgaris [4408] 416
Acerra normalis [4777] 491
Achorutes armatus [2527] 133
Achorutes maturus [2526] 133
Achrysocharis spp. [867] 26
Achryson surinamum [4311] 405
Acinia fucata [4028] 370
Acinopterus bakeri [191] 8
Acinopterus spp. [1939] 98 421 526
Aciurina aplopappi [4035] 370
Aciurina bigeloviae [3701] 307 323 359
370
Aciurina ferruginea [466] 32 359 370 377
381 526
Aciurina maculata [3702] 307 359 370 526
Aciurina spp. [2741] 148 187
Aciurina thoracica [3088] 229 370
Aciurina trilitura [4039] 370

Aciurina trixa [2480] 370 392
Acmaeodera amabilis [4329] 407 528
Acmaeodera angelica [2590] 147 407 528
Acmaeodera cuneata [4331] 407 528
Acmaeodera doloroa [3912] 362
Acmaeodera gibbula [1805] 81 125
Acmaeodera idahoensis [2614] 147
Acmaeodera knowltoni [2613] 147
Acmaeodera lanata [3846] 361
Acmaeodera mariposa [2591] 147 407 528
Acmaeodera nexa [2589] 147
Acmaeodera plagiaticauda [4330] 407
Acmaeodera pulchella [3160] 266 407
Acmaeodera purshiae [2623] 147
Acmaeodera scalaris [68] 8
Acmaeodera sinuata sexnotata [2593] 147
Acmaeodera sparsa [2252] 116
Acmaeodera spp. [2521] 126 148
Acmaeodera vandykei [2592] 147 399 528
Acontia spp. [302] 8
Acrididae spp. [1248] 6 53 64 66 74 153
534 538 539 542 549 562 566 570 576 579
588
Acrocera melanderi [5264] 526
Acronycta barnesi [4709] 491
Acronycta dactylina [4702] 491
Acronycta distans [4706] 491
Acronycta grisea [4704] 491
Acronycta impleta [4705] 491
Acronycta impressa [4708] 491
Acronycta interrupta [4703] 491
Acronycta lanceolaria [4710] 491
Acronycta leporina [4701] 491
Acronycta perdita [4707] 491
Acrosternum hilaris [373] 9 528
Actenodes calcarata [2549] 137 519
Actenodes flexicaulis [4641] 453
Actenodes mendax [4981] 519
Acyrtosiphon californica [4615] 439
Acyrtosiphon caraganae [2289] 117
Acyrtosiphon dirhodum [2141] 99
Acyrtosiphon macrosiphum [2016] 99
Acyrtosiphon pentatrachopus [2142] 99
Acyrtosiphon titigula [2152] 99
Acyrtosiphum californicum [1006] 35
Adaina ambrosiae [4190] 380 415 416 417
418 419 424
Adaleres ovipennis [5639] 528
Adalia binotata quadramaculata [2287]
116
Adalia bipunctata [829] 25 276
Adalia frigida [830] 25 98
Adalia frigida humeralis [1854] 98 229
Adelphagrotis indeterminata [2987] 229
491
Adelphocoris lineolatus [4962] 508
Adelphocoris rapidus [2633] 147
Adelphocoris superbus [3482] 421
Admontia degreeioides [4498] 420
Admontia pergandei [4499] 420
Aedes aegypti [2834] 175
Aedes spp. [2381] 421
Aegeria americana [4170] 373
Aegeria mellinipennis [5641] 528
Aegeria opalescens [5651] 528
Aegeria pacifica [4172] 373
Aegeria prosopis [5756] 528
Aegeria tibialis [4171] 373
Aegeria tibialis pacifica [2728] 147
Aegeria tipuliformis [5794] 528

Aelia americana [5133] 526
Aeoloplides spp. [5962] 294
Aeoloplides turnbulli turnbulli [3926] 364
Aeoloplus chenopodii [2810] 166
Aeoloplus tenuipennis [2811] 166
Aeoloplus tenuipennis tenuipennis [4521] 421
Aeoloplus turnbulli turnbulli [4593] 425
Aeolopus arizonensis [1660] 47
Aeolothrips annectans [5682] 528
Aeolothrips duvali [45] 2
Aeolothrips fasciatus [19] 3 36 323 528
Aeolothrips fuscus [46] 2
Aeolothrips kuwanai [5587] 528
Aeolothrips longiceps [5597] 528
Aeropedellus clavatus [1205] 36 80 323 366
Agallia oculata [5683] 528
Agalliopsis oculata [2973] 229
Agapostemon angelicus [4910] 504
Agapostemon cockerelli [4911] 504 526
Agapostemon melliventris [1715] 50 504
Agapostemon spp. [471] 323
Agapostemon texanus [283] 8 36 125 323 413
Agapostemon texanus texanus [5490] 526
Agapostemon tyleri [4912] 504
Agathis atripes [451] 33 36 323 526
Agathis gibbosa [2921] 224
Agathis nigripes [963] 33
Agathis spp. [452] 36 98 526
Ageneotettix deorum [1781] 62 80 82 111 156 174 364 499
Ageneotettix deorum deorum [3942] 365
Aglais antiopa [5835] 528
Aglais californica [3100] 233 248 528
Aglaothorax armiger [4210] 383
Aglaothorax segnis [4203] 383
Agrilus acutipennis [4335] 407
Agrilus angelicus [4288] 399 528
Agrilus anxius [4184] 373 399 407
Agrilus arbuti [1555] 40
Agrilus burkei [5860] 528
Agrilus gibbicollis [69] 8
Agrilus granulatus [4334] 407
Agrilus niveiventris [4333] 407 528
Agrilus palmicollis [2487] 125
Agrilus politus [2676] 147 373 399 407 526
Agrilus spp. [1784] 66 126 148 407
Agrilus vittaticollis [2583] 147
Agriotes imperfectus [3026] 229
Agromyza platyptera jucunda [4677] 477
Agromyza pruinosa [5617] 528
Agromyza reptans [4678] 477
Agromyza spp. [2705] 147 421
Agromyzidae spp. [1468] 417 572
Agulla adnixa [2983] 229
Agulla assimilis [2984] 229 526
Alcathae apiformis [5843] 528
Alcathoe apiformis [4173] 373
Aleochara bipustulata [1123] 36
Aleochara ponderosa [4345] 411
Aleuoparadoxus iridescens [5723] 528
Aleuroplatus coronatus [5722] 528
Aleuroplatus gelatinosus [5764] 528
Aleuroplatus ovatus [1755] 52
Aleuropteryx spp. [5152] 526
Aleyrodes amnicola [2972] 229
Aleyrodes pruinosa [5853] 528
Aleyrodes spiraeoides [2974] 229 528
Aleyrodidae spp. [1301] 122
Algarobius bottimeri [1825] 83 125
Algarobius prosopis [60] 8 83 125 127 156
Allandrus bifasciatus [1871] 98
Allassomyia juniperi [1573] 40
Allograptia exotica [164] 8
Allorhina mutabilis [3976] 367
Allotria spp. [682] 26
Alloxysta spp. [266] 8
Alniphagus aspericollis [4169] 373 528
Alpyia octomaculata [5694] 528
Altica aeruginosa [1075] 36 323
Altica ambiens [2469] 123 147
Altica bimarginata [2625] 147 148 373 431
Altica carinata [4592] 424
Altica foliacea [78] 8
Altica prasina [5216] 526
Altica spp. [1076] 36 125 323 430
Altica torquata [4462] 418
Alypia octomaculata [5863] 528
Amara bifrons [1066] 36 323
Amara farcta [1067] 36
Amara idahoana [3728] 323
Amauronematus spp. [2282] 116 147
Amblymerus bruchophagi [5400] 526
Amblymerus spp. [3074] 229
Amblymerus verdifer [5401] 526
Amecocerus quadricollis [5183] 526
Amecocerus spp. [10] 6 526
Amecocerus suckeri [5184] 526
Amelia pallorana [1646] 42
Amitermes arizonensis [5593] 528
Amitermes californicus [5826] 528
Amitermes minimus [3896] 362
Ammanus vittigera [4223] 386
Ammophila azteca [3390] 526
Ammophila dysmica [3395] 526
Ammophila extremitata [5449] 526
Ammophila juncea [5450] 526
Ammophila macra [3393] 526
Ammophila stangei [5451] 526
Amonostherium lichtensioides [5145] 526 528
Amphiagrion abbreviatum [5103] 526
Amphicercidus flocculosus [2104] 99
Amphicercidus pulverulens [620] 18 99
Amphicercus bicaudatus [1813] 81
Amphicercus punctipennis [2764] 156 563
Amphicercus simplex [3911] 362
Amphicercus teres [5752] 528
Amphipyra pyramidoides [4820] 491
Amphitornus coloradus [1779] 62 82 340 366
Amphivectura spp. [108] 8
Amphorophora accidentalis [3105] 239
Amphorophora agathonica [2155] 99
Amphorophora aridus [3106] 239
Amphorophora bonnevillia [2156] 99
Amphorophora brevitarsis [2582] 146
Amphorophora crystleae [3157] 265
Amphorophora halli [4691] 487
Amphorophora lactucae [5688] 528
Amphorophora nervata [1648] 44
Amphorophora nervatum [5721] 528
Amphorophora nigricornis [4690] 487
Amphorophora rubi [2157] 99 528

Amphorophora rubicola [5865] 528
 Amphorophora sensoriata [2158] 99
 Amphorophora sonchi [1649] 44 269
 Amphorophora tigwatensa [2159] 99
 Anacamptodes animata profanata [2923] 226
 Anacamptodes clivinaria [2564] 141
 Anacamptodes clivinaria impia [3918] 362
 Anacamptodes clivinaria profanata [35] 1
 40 122 123 147 148 317 495 503 518
 Anacamptodes sanctissima [3916] 362
 Anacamptodes spp. [2746] 155 156 335
 Anagrapta falcifera [1198] 36 323
 Anagyrus spp. [536] 98 421
 Anambodera lucksani [3777] 352
 Anaphothrips arizonensis [5691] 528
 Anaphothrips obscurus [15] 3
 Anaphothrips spp. [4546] 421
 Anaphothrips tricolor [430] 2
 Anaplectoides prasina [4735] 491
 Anaspis rufa [5194] 526
 Anastoechus barbatus [940] 32 36 323 526
 Anastoechus spp. [5266] 526
 Anatella spp. [5252] 526
 Ancistrocerus adiabatus [3518] 526
 Ancistrocerus antilope [5543] 527
 Ancistrocerus antilope antilope [5432] 526
 Ancistrocerus catskill albophaleratus [5433] 526
 Ancistrocerus catskill catskill [5434] 526
 Ancistrocerus catskill halophilus [5528] 527
 Ancistrocerus lineativentris [5544] 527
 Ancistrocerus lineativentris lineativentris [5435] 526
 Ancistrocerus spilogaster [5529] 527
 Ancistrocerus tigris cytainus [5530] 527
 Anconia integra [2808] 166
 Anconia spp. [5961] 294
 Ancylandrena larreae [4888] 504
 Andrena chapmanae [5478] 526
 Andrena colletina [5474] 526
 Andrena cressoni [5479] 526
 Andrena hirticincta [902] 27
 Andrena illinoiensis [903] 27
 Andrena knuthiana [5480] 526
 Andrena mimetica [4515] 420
 Andrena prunorum [3500] 526
 Andrena spp. [1965] 98 323 435
 Andrena sulcata [904] 27
 Andrena surda [5475] 526
 Andrena transnigra transnigra [5477] 526
 Andrena w-scripta [5481] 526
 Andricus californicus [5872] 528
 Andricus chrysolepidis [4628] 444
 Andricus congregatus [4629] 444
 Andricus crystallinus [4623] 444 528
 Andricus dasydactyli [4631] 444
 Andricus pacificus [4630] 444
 Andricus stellulus [3700] 306
 Andropolia diversilineata [4781] 491
 Aneflus paracalvatus [3820] 325
 Aneflus protensus [2761] 156 405
 Anelaphus debilis [3807] 325
 Anelaphus inflaticollis [3806] 325
 Animmonmyia smithi [4455] 418
 Anisandrus dispar [5707] 528
 Anisepyris spp. [1966] 98
 Anisobas coloradensis [5376] 526
 Anisococcus oregonensis [1164] 36
 Anisococcus quercus [2655] 147 333 526
 Anisostylus stylus [1955] 98
 Ankothrips robustus [5623] 528
 Anoecia corni [2081] 99 117
 Anoecia cornicola [2082] 99
 Anoecia querci [2290] 117 406 482 517
 Anomalon reticulatum [1179] 36 161 323
 Anomalon spp. [3372] 526
 Anomogyna infimatis [4731] 491
 Anoplium moestum [4317] 405
 Anoplius spp. [291] 8
 Anoplius tenebrosus [898] 26 526
 Anoplodera aspera [2681] 147
 Anoplodera crassipes [2595] 147
 Anoplodera jacintata [4638] 445
 Anoplodera serpentina [5205] 526
 Anoplodusa arizonensis [4194] 383
 Anotylus spp. [1124] 36
 Anovia vaginalis [320] 8
 Anteos clorinde [5012] 522
 Anthaxia aeneogaster [2747] 155 156 335
 373 399 407 528
 Anthaxia deleta [5646] 528
 Anthaxia deleta deleta [2594] 147
 Anthaxia helferi [5166] 526
 Anthaxia simiola [2615] 147 526
 Anthaxia spp. [2736] 148
 Anthicus hastatus [523] 36
 Anthicus nr. scabriceps [51] 8
 Anthicus spp. [1841] 98 421
 Anthidiellum ehrhorni [4922] 504
 Anthidiellum notatum robertsoni [5498] 526
 Anthidium cockerelli [4918] 504
 Anthidium emarginatum [5491] 526
 Anthidium jocosum [4919] 504
 Anthidium maculosum [5560] 527
 Anthidium paroselae [4920] 504
 Anthidium placitum placitum [5527] 526
 Anthidium sonorensis [4921] 504
 Anthidium tenuiflorae tenuiflorae [5492] 526
 Anthocoridae spp. [1234] 125
 Anthocoris melanocerus [380] 31 526
 Anthocoris musculus [928] 31
 Anthonomus albopilosus [1872] 98
 Anthonomus cycliferus [1875] 98
 Anthonomus decipiens [336] 8
 Anthonomus haematopus [2698] 147
 Anthonomus mimicanus [1732] 52
 Anthonomus nr. decipiens [337] 8
 Anthonomus ochreopilosus [1089] 36 91
 323 526
 Anthonomus sphaeralceae [1873] 98
 Anthonomus spp. [2366] 415 416 418 424
 Anthonomus tenuis [338] 8 36 323
 Anthophora californica albomarginata [4947] 504
 Anthophora exigua [910] 27
 Anthophora flexipes [5520] 526
 Anthophora hololeuca [4948] 504
 Anthophora linsleyi [4945] 504
 Anthophora spp. [4601] 435
 Anthophora urbana urbana [4946] 504 526
 Anthophora ursina simillima [5519] 526
 Anthrax albofasciatus daphne [941] 32
 Anthreneus scrophulariae [5637] 528
 Anuraphis bakeri [5702] 528
 Anuraphis canae [2570] 143

Anuraphis crataegifoliae [5703] 528
 Anuraphis filifoliae [2569] 143
 Anuraphis gutierrezis [588] 14
 Anuraphis helichrysi [5611] 528
 Anuraphis hermistonii [2571] 143
 Anuraphis minutissima [2568] 143
 Anuraphis sambucifoliae [5678] 528
 Aonidia shastae [4133] 372
 Aonidiella aurantii [4076] 372
 Aonidiella citrina [4088] 372
 Aonidomytilus bilobis [4097] 372
 Aonidomytilus ceanothi [4138] 372
 Aonidomytilus concolor [4098] 372 397
 Aonidomytilus variabilis [4095] 372
 Apachekolos confusio [5254] 526
 Apanteles aristoteliae [3066] 229 526
 Apanteles bedelliae [546] 526
 Apanteles feltiae [1968] 98
 Apanteles monticola [5361] 526
 Apanteles spp. [453] 33 229 393 526
 Apantesis arge [3992] 367
 Apantesis blakei [1189] 36 323
 Apantesis proxima autholea [4472] 419
 Apateticus crocatus [2640] 147 526
 Apatides fortis [1814] 81 528
 Aphaenogaster subterranea occidentalis [388] 10
 Aphaenogaster subterranea valida [802] 24
 Aphalara angustipennis [1964] 98
 Aphalara artemisiae [475] 98 528
 Aphalara calthae [5598] 528
 Aphalara minutissima [497] 98
 Aphalara pinicola [1963] 98
 Aphalara spp. [418] 98 421
 Aphelonema solitaria [2577] 145
 Aphididae spp. [1302] 6 121
 Aphidius rosae [3067] 229
 Aphidius spp. [3354] 526
 Aphilanthops subfrigidus [5458] 526
 Aphilodyctium fidum [5358] 526
 Aphis albipes [5779] 528
 Aphis artemisicola [602] 17 19 143
 Aphis bonnevillensis [2291] 117 252 421 482
 Aphis canae [603] 17 19 117
 Aphis ceanothi [2600] 147 528
 Aphis cerasifoliae [650] 19 269 528
 Aphis chrysothamni [651] 19 116 511
 Aphis chrysothamnicola [595] 15 269 511
 Aphis chrysothamnicola infrequens [3104] 239
 Aphis citricola [2113] 99
 Aphis cornifoliae [2083] 99 269 528
 Aphis craccivora [2112] 99 117 362 415 416
 Aphis crypta [2292] 117
 Aphis cryptus [587] 14 406
 Aphis erigoni [2100] 99
 Aphis eriogoni [5144] 526
 Aphis fabae [2180] 99
 Aphis farinosa [2161] 99 117
 Aphis filifoliae [2293] 117 269
 Aphis gossypii [5618] 528
 Aphis gregalis [652] 19 35 99 116 117 253 482
 Aphis gutierreziae [2189] 99
 Aphis gutierrezis [185] 8
 Aphis helianthi [2084] 99 116
 Aphis helichrysi [1650] 44
 Aphis hermistonii [2294] 117 269 511
 Aphis holodisci [3603] 286
 Aphis incognita [4967] 511
 Aphis infrequens [594] 15 269
 Aphis lugentis [1025] 35
 Aphis lupini [2108] 99 269 511
 Aphis maidiradicis [2051] 99
 Aphis medicaginis [1673] 47 367 528
 Aphis minutissima [3164] 269 511
 Aphis neogillettei [2085] 99
 Aphis neomexicana [1028] 99 117 422
 Aphis neomexicana pacifica [2139] 99
 Aphis nigragregalis [1030] 35 406
 Aphis nigratibialis [2086] 99
 Aphis oregonensis [604] 17 253 511
 Aphis ornata [2066] 99 116
 Aphis pomi [2090] 99 528
 Aphis pruni [1652] 44
 Aphis pulverulans [5780] 528
 Aphis ramonae [5777] 528
 Aphis ribiensis [2130] 99 269 422
 Aphis ribigillettei [2131] 99 117 422
 Aphis rubifolii [2242] 116 117
 Aphis rumicis [1651] 44 99 528
 Aphis salicariae [2162] 99
 Aphis saliceti [4284] 398 528
 Aphis sambuci [2182] 99
 Aphis schuhi [3602] 286
 Aphis setariae [1049] 35
 Aphis sorensoni [4283] 398 455
 Aphis spiraeicola [1051] 35 44 116
 Aphis tetradymia [656] 20 35 99
 Aphis varians [1057] 99 269 422
 Aphis viburnicola [654] 19 44 99 201
 Aphis vorabonnevillus [4285] 398
 Aphis zonassa [4324] 406
 Aphodius consentaneus [1116] 36
 Aphodius granarius [1117] 36
 Aphodius rubidus [3871] 361
 Aphoebantus spp. [1133] 36 161 323
 Aphrophora permutata [2648] 147
 Aphrophora spp. [2955] 229 526
 Aphthargelia symphoricarpi [2185] 99
 Apiomerus crassipes [1672] 47
 Apion amaurum [339] 8
 Apion impunctistriatum [340] 8
 Apion sordidum [406] 12 98 421 528
 Apion spp. [341] 8 36 47 56 122 323 415 416 418 419 526
 Apis mellifera [32] 1 27 47 50 102 112 125 362 504 526
 Apistephialtes nucicola [2874] 195
 Apodemia mormo [5037] 522
 Apodemia nais [5019] 522
 Apodemia palmerii [5068] 522
 Aporeucoela spp. [683] 26
 Aporus luxus [899] 26
 Apote notabilis [2829] 174
 Aprostocetus spp. [1772] 56
 Apterobittacus apterus [2985] 229
 Apterona crenulella [2278] 116 118 148 226
 Apterona helix [2587] 147
 Aptinothrips rufus [2] 2
 Arachnis picta [5883] 528
 Araeoschizus diciptiens [3873] 361
 Araeoschizus spp. [2209] 102
 Archips argyrospila [5844] 528
 Archips argyropilus [2612] 147
 Archips cerasivorana [2588] 147 528
 Archips cerasivoranus [1629] 40 526
 Archips georgianus [2911] 222

Archips negundanus [2907] 218
Archips rosaceana [5675] 528
Archytas apicifer [2269] 116
Arctophyto gillettei [5339] 526
Arctorthesia pseudoccidentalis [4964] 509 526
Arenivaga investigata [1835] 94
Arenivaga spp. [2199] 102
Arethaca ambulator [2845] 181
Arge clavicornis [2710] 147
Argoporis bicolor [2214] 102
Argyrotaenia citrana [2997] 229 415 416 417
Arhyssus barberi [5131] 526
Arhyssus crassus [2938] 229
Aristotelia argentifera [2999] 229
Aroga spp. [2233] 115 116 205
Aroga websteri [1560] 40 73 115 118 127 148 156 188 220 448 503 529 544 555
Arphia conspersa [1206] 36 80 82 323 366
Arphia pseudonietana [1795] 80 82 225
Arphia spp. [3927] 364
Arrhopalites caecus [787] 23
Artholytus spp. [4278] 394
Arytaina ceanothae [5771] 528
Arytaina ceanothi [5634] 528
Arytaina pubescens [2657] 147
Arytaina robusta [2607] 147
Asaphes spp. [5399] 526
Asemosyrphus mexicanus [4497] 420
Asemosyrphus polygrammus [5281] 526
Aseptis binotata [4812] 491
Aseptis characta [4809] 491
Aseptis fumeola [4810] 491
Aseptis perfumosa [4811] 491
Ashmeadiella aridula [5561] 527
Ashmeadiella buconis [288] 8
Ashmeadiella buconis denticultata [5502] 526
Ashmeadiella cactorum [4358] 413
Ashmeadiella californica californica [5503] 526
Ashmeadiella inyoensis [5562] 527
Ashmeadiella opuntiae [4357] 413
Ashmeadiella timberlakei [5563] 527
Asidina semilaevis [4220] 384
Asidopsis opaca [3755] 338
Asidopsis polita [3756] 338
Asilidae spp. [1444] 6
Asilus auriannulatus [5261] 526
Asilus occidentalis [2784] 161
Asiphonaphis pruni [2114] 99
Asphondylia adenostoma [3134] 251
Asphondylia ambrosiae [4188] 379 417 418
Asphondylia arizonensis [4006] 367 436 528
Asphondylia atriplicis [3645] 292 303
Asphondylia betheli [4005] 367 436 443 528
Asphondylia ceanothi [2596] 147
Asphondylia clematidis [4297] 400
Asphondylia diplaci [4618] 440
Asphondylia enceliae [4619] 440
Asphondylia opuntiae [3123] 250 367 391 436 528
Asphondylia prosopidis [4298] 400
Asphondylia shepherdiae [2858] 185
Asphondylia spp. [142] 8 156 157 362 400
Aspicera spp. [890] 26
Aspidaphis adjuvans rowei [593] 15 99
Aspidaspis arctostaphyli [4113] 372
Aspidaspis densiflorae [4089] 372
Aspidiotus aesculi [5820] 528
Aspidiotus ancylus [5648] 528
Aspidiotus camelliae [5577] 528
Aspidiotus candidulus [5759] 528
Aspidiotus forbesi [5649] 528
Aspidiotus hederæ [4077] 372 528
Aspidiotus nerii [3902] 362
Aspidiotus perniciosus [2310] 117 528
Aspidiotus spinosus [4141] 372
Astata leuthstromi [5440] 526
Asterocampa celtis [5025] 522
Asterocampa clyton [5026] 522
Asterolecanium agavis [4965] 510
Asterolecanium arabidis [2870] 194
Asterolecanium grandicolum [4966] 510
Asteromyia gutierreziae [3135] 251
Asteromyia spp. [1895] 98
Ateloplus hesperus [4204] 383
Ateloplus luteus [4217] 383
Ateloplus minor [4212] 383
Ateloplus schwartzi [4209] 383
Ateloplus splendidus [4193] 383
Atherix spp. [5834] 528
Athous rufiventris [5170] 526
Athysanella argenteola [192] 8
Athysanella clavata [193] 8
Athysanella spp. [1155] 36 323
Athysanus frigidus [4580] 421
Atomoscelis modestus [384] 9
Atractotomus purshiae [2634] 147
Attalus glabrellus [3017] 229 526
Attalus lecontei [109] 8
Attalus lobulatus [3018] 229
Attalus morulus smithi [5177] 526
Attalus nigripes [1879] 98
Attalus oregonensis [5178] 526
Attalus spp. [2342] 421
Atteva punctella [306] 8
Augochlora neglectula [4359] 413
Augochlorella pomoniella [1716] 50
Aulacaspis rosae [4142] 372 397 528
Aulacorthum solani [2296] 117
Aulocara deorum [2824] 170
Aulocara elliotti [1720] 51 54 59 62 85 111 156 170 225 499
Aulonium longum [4270] 393
Auplopus nigrellus [5540] 527
Autographa ampla [4824] 491
Autographa corusca [4825] 491
Autographa spp. [4416] 416
Aztecacris gloriosus [5956] 294
Babia spp. [2491] 125
Babia tetraspilota [79] 8
Baccha lemur [2389] 526
Bagnalliella desertæ [3279] 279
Bagnalliella mojave [3281] 279
Bagnalliella yuccae [3280] 279
Balclutha guajanae [194] 8
Balclutha neglecta [195] 8 36 323
Balclutha spp. [196] 8 323
Ballana mera [2965] 229
Ballana polica [2079] 526
Ballana spp. [569] 36 98 323 418 421
Ballana vesca [4468] 419
Banasa dimidata [374] 9
Baris dilatata [4389] 415 416 419 424
Baris spp. [4463] 418
Barycnemis spp. [5392] 526
Basilarchia lorquini [5836] 528
Basilarchia obsoleta [1698] 47

Batyle ignicollis [2489] 125
Belomicrus cladothricis [968] 34
Belonuchus punctiventris [4344] 411
Belyta spp. [5410] 526
Bembidion nebraskense [5157] 526
Bembidion sejunctum [1068] 36
Bembidion spp. [3847] 361
Bembix amoena [3399] 526
Bembix comata [4492] 420
Bembix spinolae [5455] 526
Bemisia berbericola [5614] 528
Bemisia inconspicua [5668] 528
Bibio albipennis albipennis [5250] 526
Bibio albipennis tenuipes [1887] 98
Bibio vestitus [5251] 526
Bipersona hottesi [1226] 37 99
Blaesoxipha aculeata [5328] 526
Blaesoxipha atlanis [5329] 526
Blaesoxipha kellyi [5330] 526
Blaesoxipha opifera [3215] 526
Blaesoxipha spp. [156] 8
Blapstinus spp. [1126] 36 102
Bledius strenuus [1125] 36
Blissus leucopterus [1146] 36
Blondelia polita [5350] 526
Bombus appositus [5523] 526
Bombus californicus [4514] 420
Bombus centralis [5525] 526
Bombus fervidus [31] 1 36 323 526
Bombus huntii [5526] 526
Bombus nevadensis nevadensis [5522] 526
Bombus occidentalis occidentalis [5524] 526
Bombus pennsylvanicus sonorus [4958] 504
Bombus rufocinctus [629] 526
Bombus sonorus [261] 8 50 420
Bombus spp. [3723] 323
Bombylius facialis [5265] 526
Bombyx mori [5762] 528
Boopedon nubilum [3928] 364
Bootettix argentatus [5964] 294
Bootettix argentatus argentinus [2767] 156 170
Bootettix punctatus [1834] 93 156 166
Bostaera nasuta [231] 8
Bothriencyrtus planiformis [3075] 229
Bothrotes canaliculatus acutus [128] 8
Bothrotes plumbeus plumbeus [129] 8 36 323
Bothrotes spp. [130] 8
Bourletiella hortensis [788] 23
Brachmia subalbusella [4378] 415 416
Brachyacantha dentipes [5208] 526
Brachyacantha dentipes socialis [1855] 98
Brachyacantha ursina uteella [5198] 526
Brachyacantha uteella [831] 25
Brachycaudus cardui [1063] 35 99
Brachycaudus helichrysi [1021] 35 99 415 416 424
Brachycaudus persicae [2115] 99
Brachylomia populi [4805] 491
Brachymeria compsilurae [5407] 526
Brachymeria tegularis [3330] 526
Brachyogmus ornatus [1733] 52
Brachypterus troglodytes [5196] 526
Brachyrhinus ovatus [2778] 157 526
Brachyrhinus spp. [4682] 480
Brachyrhinus sulcatus [5786] 528
Brachystola magna [2823] 170 364
Brachystomella parvula [732] 23 144
Brachystomella stachi [733] 23
Brachyunguis bonnevillensis [1004] 35 99 116
Brachyunguis gregalis [2295] 117
Brachyunguis hermistonii [1022] 35
Bracon erucorum [498] 526
Bracon gelechiae [548] 98
Bracon hyslopi [3355] 526
Bracon pygmaeus [1970] 98
Bracon spp. [449] 98 526
Bracon tychii [5363] 526
Braconidae spp. [1482] 6
Bradynotes kaibab [2814] 166
Bradysia spp. [520] 176 323 526
Braggia agathona [2097] 99
Braggia deserticola [4866] 498
Braggia echinata [2098] 99
Braggia eriogoni [4867] 498
Braggia uncomphagrensis [2099] 99
Braggia urovaneta [4868] 498
Brevicoryne fraterna [2163] 99
Brevicoryne salixutis [4693] 489
Brevicoryne symphoricarpi [1053] 35 44 116 117 489
Brochymena quadripustulata [2641] 147
Brochymena sulcata [1668] 47
Bruchidae spp. [1385] 40 224
Bruchomorpha suturalis [1160] 36 323
Bruchus amicus [2760] 156 162
Bruchus cruentatus [2796] 161 162
Bruchus desertorum [2797] 161 162
Bruchus discolor [2798] 162
Bruchus exiguus [2799] 162
Bruchus julianus [4645] 453
Bruchus major [3153] 260
Bruchus mimus [2800] 162
Bruchus prosopis [2801] 162
Bruchus protractus [2802] 162
Bruchus sallaei [2803] 162
Bruchus spp. [2805] 162
Bruchus uniformis [2804] 162
Brumoides septentrionis [832] 25
Brumus septentrionis [5202] 526
Bucculatriplex spp. [3068] 229
Bucculatrix spp. [2007] 98 116 147 157 335 415 416 417 418 424
Bucculatrix tridenticola [2751] 156 526
Bucculatrix variabilis [3005] 229
Bulia deducta [4831] 491
Buprestidae spp. [1339] 6 319
Buprestis langi [2677] 147 493
Buprestis viridisuturalis [4177] 373 528
Byturus grisescens [3030] 229
Cacama crepitans [3112] 242 528
Cacoecia rosaceana [3152] 259
Cactophagus spinolae [3990] 367
Cactopinus hubbardi [3991] 367 514
Cactopinus koebeli [4062] 371
Cactopinus pini [4063] 371
Caecilius spp. [2931] 229
Caenacis spp. [5402] 526
Calandrinus insignis [1090] 36 323
Calaphis annulata [2243] 116
Calaphis betulaecolens [2057] 99 269
Calaphis coloradensis [2058] 99
Calaphis flava [2059] 99
Calephelis nemesis [5008] 522
Caliope variceps [4540] 421
Caliothrips fasciatus [4586] 424

Caliroa aethiops [3712] 318
Caliroa labrata [2712] 147
Callanthidium formosum [5494] 526
Callidium antennatum hesperum [4291] 399
Calligrapha spp. [2225] 115
Calligrapha verrucosa [2696] 147 357
Callimome spp. [4558] 421
Calliphora livida [5325] 526
Callipsyche behrii [5029] 522 526
Callirhytis bakeri [4634] 444
Callirhytis guadaloupensis [4636] 444
Callirhytis lasia [4632] 444
Callirhytis quercussuttoni [4633] 444
Callirhytis rossi [4635] 444
Callirhytis sanctaeclarae [4637] 444
Callisthenes striatulus [1843] 98
Callitroga macellaria [2259] 116
Callophrys affinis [5045] 522
Callophrys apama [5046] 522
Callophrys comstocki [5047] 522
Callophrys sheridanii [5048] 522
Callosobruchus maculatus [4961] 507
Calophya californica [5787] 528
Calophya triozaomima [5788] 528
Calops descretus [28] 41
Calosoma luxatum [1792] 76 404
Calosoma spp. [3849] 361
Calosoma triste [3848] 361
Calycomyza ambrosiae [4394] 415
Calyptillus cryptops [1091] 36
Calythea monticola [3722] 323
Cameraria spp. [2234] 115
Cameraria umbellulariae [4161] 373 528
Camnula pellucida [3101] 237
Camploplegidea spp. [3056] 229
Campoletis spp. [5390] 526
Camponotus hyatti [2554] 138
Camponotus laevigatus [5422] 526
Camponotus maculatus vicinus-nitidiventris [2557] 138 420
Camponotus spp. [1683] 47 229 393 421
Camponotus vicinus [268] 8
Campoplex spp. [1180] 36 526
Campsomeris pollinifera [1688] 47
Campsomeris tolteca [1687] 47
Camptoprosopella inaequalis [154] 8
Campylacantha olivacea olivacea [2850] 184 364
Campylenchia curvata [4412] 416 424
Campylenchia latipes [1957] 98
Cantharis divisus [3012] 229
Cantharis ochropus [3013] 229
Canthylidia scutosa [4715] 491
Capitophorus acanthovillus [3178] 274
Capitophorus bitrichus [667] 20 273
Capitophorus brevinectarius [2578] 145
Capitophorus chlorophainus [3179] 274
Capitophorus corambus [2140] 99
Capitophorus decampus [3175] 273
Capitophorus elaeagni [2095] 99
Capitophorus elongatus [598] 16 136 274 406 520
Capitophorus feragaeus [2540] 136 274
Capitophorus glandulosus [2541] 136 273
Capitophorus gregarius [2240] 116 136 274 520
Capitophorus heterohirsutus [2579] 145
Capitophorus hippophaes [2096] 99 117
Capitophorus infrequenus [3176] 273
Capitophorus longinectarius [2580] 145
Capitophorus magnatensis [2228] 115
Capitophorus magnautensus [2542] 136 274
Capitophorus oestlundii [669] 20 44 136 274 406 464
Capitophorus palmerae [597] 16 21 274
Capitophorus potentillae [668] 20 136 269
Capitophorus pycnorhysus [670] 20 136 274
Capitophorus quadritrichus [671] 20 136 273
Capitophorus rosarum [4656] 464
Capitophorus rusticatus [2539] 136
Capitophorus shepherdiae [2183] 99 416 424
Capitophorus spatulavillus [3177] 273
Capitophorus spp. [1151] 36
Capitophorus utahensis [2543] 136
Capitophorus utense [589] 14
Capitophorus utensus [3180] 274 406
Capitophorus wasatchii [1653] 44 464
Capitophorus xerozoous [2297] 117 274
Capitophorus zoomontanus [672] 20 136 273
Capnobotes fuliginosus [2759] 156 383
Capnobotes occidentalis [4215] 383
Capsus simulan [2635] 147
Carcinops spp. [4351] 411
Cardiophorus spp. [3581] 424
Cardiophorus tenebrosus [5181] 526
Cardiophorus tenebrosus flavipes [3027] 229
Carmenta prosopis [304] 8
Carpelimus diffusus [5159] 526
Carphoborus frontalis [4064] 371
Carphoborus pinicolens [1599] 40 371
Carphoborus simplex [4065] 371
Carpocapsa pomonella [5710] 528
Carpocoris remotus [5134] 526
Carpophilus pallipennis [2313] 526 528
Carulaspis minima [4134] 372
Carulaspis visci [4135] 372 397
Catacala babayaga [4849] 491
Catadelphops buccatus [5381] 526
Catocala allusa [4847] 491
Catocala amatrix [4844] 491
Catocala arizonae [4850] 491
Catocala californica [5840] 528
Catocala chelidonia [4852] 491
Catocala gracilis [4853] 491
Catocala hermia [4851] 491
Catocala irene [4848] 491
Catocala luciana [4846] 491
Catocala relictata [4843] 491
Catocala unijuga [4845] 491
Catolaccus aeneoviridis [1993] 98 526
Catolaccus spp. [871] 26 175
Catolaccus victoria [1763] 52 526
Caupolicana yarrowi [4879] 504
Cavariella aegopodii [2164] 99 116
Cavariella capreae [655] 20 269 398
Cavariella digitata [2165] 99
Cavariella essigi [4286] 398
Cavariella hendersoni [592] 15 99 398
Cavariella knowltoni [2166] 99
Cavariella pastinacae [2167] 99 117 528
Cavariella pustula [1039] 35
Cavariella theobaldi [2168] 99
Cecidomyia spp. [2756] 156 393
Cecidomyiidae spp. [1436] 66 70 98 229 368 393 394 420 424

Cedoaphis incognita [2186] 99
Cedoaphis symphoricarpi [621] 18
Celastrina argiolus cinerea [5021] 522
Celerio lineata [402] 11 528
Celia spp. [522] 161 361
Centeterus spp. [5374] 526
Centrinaspis spp. [342] 8
Centrioptera muricata [2212] 102 384
Centrioptera variolosa [2213] 102
Centris atripes [4952] 504
Centris cockerelli resoluta [4953] 504
Centris hoffmanseggiae [4950] 504
Centris pallida [4951] 504
Centris rhodopus [4954] 504
Centrodontus atlas [3653] 297 390
Centrodontus atlas atlas [4235] 390
Centrodontus atlas paucivenosus [4236] 390
Centrodontus atlas reticulatus [4237] 390
Cephalothrips hesperus [3266] 279
Cerambycidae spp. [1384] 319 337
Ceratagallia artemisia [4524] 421
Ceratagallia bigeloviae [197] 8
Ceratagallia dondia [4551] 421
Ceratagallia lobata [4440] 417 418
Ceratagallia longipes [4452] 418
Ceratina apacheorum [4955] 504
Ceratina nanula nanula [5521] 526
Ceratina punctigena [4513] 420
Ceratocapsus fuscusignatus [4399] 416
Ceratocapsus spp. [2636] 147
Ceratochrysis dorsalis [894] 26
Ceratochrysis perpulchra [893] 26
Cerceris acanthophila [969] 34
Cerceris californica californica [5459] 526
Cerceris convergens [970] 34 526
Cerceris frontata [971] 34
Cerceris nigrescens [972] 34
Cerceris rufinoda [973] 34
Cerceris sextoides [974] 34
Cerceris spp. [294] 8
Cercopis artemisiae [407] 6 12 98 421 528
Cercopidae spp. [1287] 6 417
Cercyonis oetus oetus [5238] 526
Ceresa albidosparsa [2952] 229
Ceresa basalis [5802] 528
Ceresa franciscana [2951] 229
Cerococcus artemisiae [188] 8
Ceroplastes irregularis [3262] 277 528
Ceropysylla californica [5812] 528
Cerosipha rubifolii [4666] 469
Ceruraphis eriophori [2244] 116 117
Ceruraphis viburnicola [2188] 99 116
Ceutorhynchus spp. [4422] 416 424
Chaetocnema ectypa [1691] 47 52
Chaetocnema pulicaria [80] 8
Chaetocnema spp. [1077] 36 421
Chaetophlepsis eudryae [5348] 526
Chaetophlepsis tarsalis [2270] 116
Chaetophloeus fasciatus [1565] 40
Chaetophloeus heterodoxus (=Renocis) [1549] 40 123 147 148
Chaetosiphon fraegefoliae [1018] 35
Chaetosiphon fragaefolii [2143] 99
Chaetosiphon hottesi [2153] 99
Chaetosiphon minor [2144] 99
Chaetosiphon potentillae [2145] 99
Chaetosiphon tetrarhodum [2146] 99
Chaetosiphon thomasi [2147] 99 117
Chaitophorus abditus [2169] 99
Chaitophorus artemisiae [5599] 528
Chaitophorus eoessigi [2170] 99
Chaitophorus intermedius [2171] 99
Chaitophorus knowltoni [2172] 99
Chaitophorus macrostachyae [1026] 35 99 116
Chaitophorus monella [5818] 528
Chaitophorus monelli [2173] 99
Chaitophorus nigrae [619] 18 35 99 116 147
Chaitophorus pustulatus [1040] 35 99
Chaitophorus salicicola [1047] 35 99
Chaitophorus salicicorticis [2174] 99 116
Chaitophorus saliciniger [2175] 99 117
Chaitophorus utahensis [1054] 35 99 116 117
Chaitophorus viminalis [1058] 35 44 99 116 528
Chalcaspis arizonensis [1978] 98
Chalcaspis phenacocci [4576] 421
Chalceria heteronea [5044] 522
Chalcididae spp. [1493] 224
Chalcoides spp. [2226] 115
Chaleoides spp. [2253] 116
Chalicodoma chilopsidis [4932] 504
Chalicodoma discorhina [4933] 504
Chalicodoma occidentalis [4934] 504
Chalicodoma spinotulata [4935] 504
Chamaemyia spp. [1890] 98
Characoma nilotica [4827] 491
Charadra deridens [4700] 491
Charidryas acastus [5030] 522
Charidryas palla [5031] 522
Chauliognathus basilis [2488] 125
Chauliognathus discus [70] 8
Chauliognathus marginatus [71] 8
Chauliognathus scutellaris [72] 8 323
Chelinidea canyona [2818] 168 451
Chelinidea hunteri [4668] 168
Chelinidea spp. [3951] 367
Chelinidea tabulata [2772] 156 168 250 367 451 528
Chelinidea vittiger [2773] 156 163 250 300 310 346 367 494 526 528
Chelinidea vittiger aequoris [2817] 168
Chelonus cylindricus [937] 33
Chelonus sericeus [549] 36 323
Chelostoma phaceliae [5501] 526 527
Chilocorus bivulnerus [3041] 229
Chilocorus cacti [1692] 47
Chilometopon abnorme [3874] 361
Chion cinctus [4312] 405
Chionanthobius autumnalis [3707] 313
Chionanthobius spp. [3714] 321
Chionaspis americana [4128] 372
Chionaspis corni [4107] 372
Chionaspis etrusca [1680] 47 52 372
Chionaspis furfura [4085] 372 397
Chionaspis lintneri [5636] 528
Chionaspis ortholobis [1788] 70 372 528
Chionaspis pinifoliae [4244] 393
Chionaspis salicisnigrae [4108] 372 397 528
Chionaspis sassceri [4139] 372 528
Chionaspis wistariae [4086] 372
Chionodes periculella [1583] 40
Chirodamus pyrrhomelas [5438] 526

Chirothrips spp. [3733] 323
 Chlamisus nr. foveolatus [81] 8
 Chlamydatius associatus [3480] 415 416
 424 526
 Chlamydatius suavis [4363] 415 418
 Chlamydatius uniformis [1921] 98 421
 Chlorochroa congrua [4686] 486
 Chlorochroa ligata [1669] 47 56 72 122
 125 147 155 156 424
 Chlorochroa persimilis [369] 9
 Chlorochroa sayi [38] 1 36 47 56 72 98
 123 140 147 148 156 224 226 415 416 418
 421 424
 Chlorochroa spp. [2748] 323 419
 Chlorochroa uhleri [368] 9 56 72 122 155
 362 486
 Chlorocytus spp. [514] 26
 Chloropidae spp. [1467] 6
 Chlorops 5-punctatus [145] 8
 Chlorops spp. [146] 8
 Chlorosea margareta [2662] 147
 Chlorosea nevadaria [2663] 147
 Chlorotettix spatulatus [198] 8
 Chlorotettix spp. [199] 8 526
 Chlosyne lacinia [5000] 522
 Chorinaeus spp. [5386] 526
 Choristoneura fractivittana [2910] 222
 Choristoneura obsoletana [2913] 222
 Choristoneura parallela [2912] 222
 Choristoneura rosaceana [2670] 147
 Chorizagrotis soror [3993] 367
 Chorizococcus abortivus [5146] 526
 Chorizococcus abroniae [4471] 419
 Chorizococcus aphyllonis [5147] 526
 Chorizococcus spp. [246] 8 525
 Chorthippus longicornis [3943] 365
 Chramesus spp. [1562] 40 169
 Chrotoma dunniana [3802] 325
 Chryptocephalus brunneovittatus [85] 8
 Chrysis coerulans [5413] 526
 Chrysis coloradensis [5414] 526
 Chrysis snowi [5415] 526
 Chrysobothris acaciae [1806] 81 519
 Chrysobothris acuminata [4995] 519
 Chrysobothris aeneola [4988] 519
 Chrysobothris arizonica [4982] 519
 Chrysobothris atrifasciata [4997] 519
 Chrysobothris atriplexae [4985] 519
 Chrysobothris axillaris [2546] 137
 Chrysobothris azurea [2678] 147
 Chrysobothris bacchari [3042] 229 441
 519 528
 Chrysobothris beyeri [4987] 519
 Chrysobothris carmelita [4979] 519
 Chrysobothris chamberlini [4983] 519
 Chrysobothris cuprascens [4974] 519
 Chrysobothris cyanella [2848] 183 519
 Chrysobothris debilis [2545] 137 156 519
 528
 Chrysobothris deleta [2624] 147 519
 Chrysobothris deserti [4984] 519
 Chrysobothris exesa [1807] 81 137 156
 165 519 528
 Chrysobothris femorata [2679] 147 373
 399 407 519 528
 Chrysobothris gemmata [2547] 137 156 519
 528
 Chrysobothris helferi [4975] 519
 Chrysobothris horningi [5167] 526
 Chrysobothris humulus [4989] 519
 Chrysobothris idahoensis [5168] 526
 Chrysobothris ignicollis [4287] 399 519
 Chrysobothris iris [4977] 519
 Chrysobothris juniperus [4992] 519
 Chrysobothris lateralis [1808] 81 156
 519
 Chrysobothris lilaceous [4991] 519
 Chrysobothris lucana [3913] 362 519
 Chrysobothris mali [1232] 39 147 368 373
 407 519 528
 Chrysobothris merkelii [2548] 137 156
 519 528
 Chrysobothris nixa [4994] 519
 Chrysobothris octocola [1542] 40 137 156
 519 528
 Chrysobothris oregona [5169] 526
 Chrysobothris piuta [4980] 519
 Chrysobothris platti [4998] 519
 Chrysobothris prosopidis [4973] 519
 Chrysobothris pubescens [4986] 519
 Chrysobothris purpleovittata [1809] 81
 Chrysobothris purpureoplagiata [4990]
 519
 Chrysobothris quadrilineata [4993] 519
 Chrysobothris rossi [1810] 81
 Chrysobothris serripes [4996] 519
 Chrysobothris speculifer [4976] 519
 Chrysobothris strofasciata [1690] 47
 Chrysobothris texana [1578] 40 519
 Chrysobothris trinervia [3673] 40
 Chrysobothris viridicyanea [4978] 519
 Chrysocharis ainsleyi [557] 26
 Chrysolina flavomarginata [3843] 357
 Chrysolina spp. [2492] 125
 Chrysomela confluens [2697] 147
 Chrysomela lineatopunctata [2627] 147
 Chrysomelidae spp. [1238] 122
 Chrysomphalus aurantii [5578] 528
 Chrysomphalus bifasciculatus [4080] 372
 Chrysomphalus dictyosperimi [4091] 372
 528
 Chrysomphalus ficus [4146] 372
 Chrysomphalus rossi [5602] 528
 Chrysopa carnea [308] 8
 Chrysopa cockerelli [2980] 229
 Chrysopa oculata [5155] 526
 Chrysopa ploripunda [2981] 229
 Chrysopa spp. [9] 6 47
 Chrysophana placida [4332] 407
 Chrysopilus spp. [4556] 421
 Chrysopora spp. [5244] 526
 Chrysotoxum integre [5279] 526
 Chrysotus spp. [5275] 526
 Chrysura densa [5412] 526
 Chyphotes petiolatus [2200] 102
 Cibolacris parviceps [5952] 294
 Cicada septendecim [5890] 532
 Cicadella circellata [5677] 528
 Cicadella hieroglyphica [5808] 528
 Cicadellidae spp. [1288] 6 41 122 156
 Cicadidae spp. [1285] 362
 Cicindella formosa formosa [2791] 161
 Cimbex americana [2711] 147 373
 Cimbex pacifica [2734] 147 373
 Cimbex rubida [4163] 373
 Cimbocera buehanani [3859] 361
 Cimbocera conspersa [3860] 361
 Cimbocera petersoni [3861] 361
 Ciminius sidanus [200] 8
 Cinara atra [4246] 393
 Cinara burrilli [2103] 99 373
 Cinara edulis [4150] 373

Cinara juniperi [2101] 99
Cinara sibericae [2102] 99
Cinara terminalis [4252] 393
Circotettix rabula [2525] 132 366
Circulifer tenellus [1940] 98 113 114 526
Cisthene tenuifascia [297] 8
Cixius cultus [2949] 229 528
Cixius spp. [228] 8
Clastoneuriopsis deceptor [5353] 526
Clastoptera arborina [3515] 526
Clastoptera arizonana [1756] 52
Clastoptera atrapicata [4655] 463
Clastoptera brunnea [1937] 98 421 526
Clastoptera delicata [3664] 526
Clastoptera lineatocollis [187] 8 415 416 418 424
Clastoptera obtusa [5632] 528
Clastoptera ovata [2601] 147
Clastoptera spp. [575] 229
Clausicella setigera [5352] 526
Clavaspis covilleae [4079] 372
Clavaspis disclusa [4109] 372
Clavigerus bicolor [646] 19 398
Clavigerus salicis [647] 19 269 398
Clavigerus smithae [4282] 398
Clavigerus smithiae [649] 21
Clematodes larreae [5954] 294
Cleonus albovestitus [4390] 415 424
Cleonus jacobinus [4423] 416
Cleonus lobigerinus [4391] 415 417
Cleonus trivittatus [1092] 36 323
Cleonus vittatus [2257] 116
Clepsis persicana [2915] 222
Cleptes purpuratus [5416] 526
Cleridae spp. [1351] 6
Clidophelps pallida [3113] 242
Climaciella brunnea occidentis [2283] 116
Clinodiplosus pucciniae [3086] 229
Clossiana acrocneuma [5088] 522
Clossiana alberta [5036] 522
Clossiana freijs [5085] 522
Clossiana frigga [5035] 522
Coccidae spp. [1309] 122
Coccidomyia erii [4616] 440
Coccinella californica [3039] 229 276
Coccinella difficilis [420] 25 526
Coccinella monticola [1086] 36
Coccinella monticola difficilis [1857] 98
Coccinella nivicola monticola [2255] 116
Coccinella novemnotata [578] 25
Coccinella novemnotata degener [1858] 98 116 526
Coccinella prolongata [5201] 526
Coccinella spp. [1856] 98
Coccinella transversoguttata [419] 98 116
Coccinella transversoguttata richardsoni [833] 25 526
Coccinella trifasciata juliana [3038] 229
Coccinellidae spp. [1362] 6
Coccothorus scutellaris [5665] 528
Coccophagus spp. [3263] 277
Coccus hesperidum [5630] 528
Cochliomyia macellaria [141] 8
Cochlorhinus pluto [2957] 229
Coelopencyrtus hylaei [4300] 402
Coelopoeta glutinosi [5799] 528
Coenonycha bowlesi [3096] 231
Coenonycha testacea [3097] 231
Coenopoeus palmeri [3981] 367
Colaspidea smaragdula [5604] 528
Colaspoides spp. [82] 8 125
Colecerus marmoratus [2495] 125
Coleophora atriplicivora [2909] 221 224
Coleophora lynosyridella [3003] 229
Coleophora sacramento [2922] 221 528
Coleophora spp. [2231] 115 116 157 415 416 418
Coleophora viscidiflorella [3002] 229
Coleophoridae spp. [1399] 421
Colias eurytheme [4234] 389 522 526
Colias gigantea [5089] 522
Colias interior [5095] 522
Colias meadii [4233] 389
Colias peldine [5051] 522
Colias philodice eurytheme [1699] 47
Colias philodoce [5059] 522
Colias scudderii [5090] 522
Colladonus belli [3623] 526
Colladonus geminatus [1703] 48 116 230 512 526
Colladonus montanus [2966] 229 416 419
Colletes californicus [4511] 420
Colletes clypeonitens [4882] 504
Colletes consors pascoensis [5466] 526
Colletes covilleae [4883] 504
Colletes fulgidus fulgidus [5467] 526
Colletes hyalinus [2514] 125
Colletes kincaidii [5468] 526
Colletes larreae [4884] 504
Colletes louisae [4885] 504
Colletes lutzi interior [5469] 526
Colletes phaceliae [3716] 323 526
Colletes salicicola [1170] 36 323 504
Colletes simulans nevadensis [913] 27
Colletes stepheni [4886] 504
Colletes wootoni [4887] 504
Collops balteatus [110] 8
Collops bipunctatus [2338] 224
Collops confluens [111] 8
Collops femoratus [3868] 361
Collops limbellus [112] 8
Collops punctatus [113] 8
Collops quadrimaculatus [114] 8
Collops vittatus [115] 8 47
Coloradia spp. [4248] 393
Compsus auricephalus [2517] 125
Coniontellus subglaber [5192] 526
Coniontis opacus [3875] 361
Coniontis ovalis [3775] 347
Coniontis setosa [4307] 404
Coniontis spp. [3876] 361
Conioscinella nuda [147] 8
Conioscinella spp. [699] 526
Conochares arizonae [4458] 418
Conoderus auritus [2792] 161
Conoderus vespertinus [103] 8
Conomyrma insana [269] 8
Conophthorus edulis [1581] 40 309 373 393
Conophthorus monophyllae [1601] 40 371 373
Conopidae spp. [1453] 6
Conostethes americanus [2455] 121
Conotrachelus spp. [4273] 393
Conotus lanchesteri [3870] 361

Conozoa wallula [2831] 174
 Contarinia cockerelli [1588] 40 395
 Contarinia partheniicola [4189] 379 416
 417 418
 Contarinia spp. [4395] 415 419
 Copablepharon canariana [5240] 526
 Copestylus marginatum [4482] 420 528
 Cophura brevicornis [5255] 526
 Copidosoma spp. [3076] 229 421
 Coptodisca arbutiella [5700] 528
 Coquillettia insignis [709] 323
 Coquillettia mimetica [179] 8
 Cordillacris crenulata pima [1775] 59
 Cordillacris occipitalis [1818] 82 364
 Cordillacris occipitalis cinerea [3944]
 365
 Corimelaena incognita [1751] 52
 Coriomeris humilis [5130] 526
 Corizus hyalinus [377] 9
 Corizus tuberculatus [3145] 256
 Corizus viridicatus [4579] 421
 Cornifrons elautalis [3995] 367
 Cortodera falsa [4461] 418
 Cortodera spp. [5206] 526
 Cortodera stolidia [3786] 325
 Corythaica acuta [1149] 36 323
 Corythucha arcuata [933] 31 204
 Corythucha ciliata [5761] 528
 Corythucha contaminata [3166] 270
 Corythucha decens [3959] 367 528
 Corythucha distincta [934] 31
 Corythucha eriodictyonae [5798] 528
 Corythucha incurvata [5854] 528
 Corythucha mollicula [378] 9 190
 Corythucha morrilli [182] 8 31 116 229
 415 416 417 418 424
 Corythucha obliqua [2599] 147 270 528
 Corythucha padi [1622] 40 528
 Corythucha piercei [3167] 270
 Corythucha salicata [2708] 147 190 206
 528
 Corythucha salicis [5821] 528
 Coscinoptera axillaris [1078] 36 323
 Coscinoptera mucorea [83] 8
 Coscinoptera spp. [2493] 125
 Cossonus hubbardi [5620] 528
 Cosymbia serrulata [4473] 419 424
 Cotalpa subcibrata [5824] 528
 Cothonaspis spp. [891] 26
 Cotinis mutabilis [125] 8
 Cotinus arizonensis [1694] 47
 Crabro latipes [5461] 526
 Crabro spp. [4503] 420
 Cradytes serricollis [3715] 323
 Crambus plumbifimbriellus [2660] 147
 Crambus spp. [2232] 115
 Crambus vulgigagellus [3719] 323
 Craspedolepta artemisiae [3734] 323
 Craspedolepta gutierreziae [250] 8
 Craspedolepta minutissima [2299] 117
 Cratacanthus dubinus [2789] 161
 Cratichneumon spp. [5377] 526
 Cremastobombycia solidaginis [3004] 229
 Cremastocheilus knocki [2790] 161
 Cremastocheilus retrasctus incisus [1118]
 36
 Cremastus spp. [2453] 120 126 526
 Crematogaster coarctata [3081] 229
 Crematogaster lineolata [2552] 138
 Crematogaster opuntiae [3703] 310
 Crematogaster punctulata [270] 8
 Crematogaster spp. [4542] 421
 Cremnops vulgaris [3724] 323
 Cricotopus spp. [2374] 526
 Crophius disconotus [3735] 323
 Crophius spp. [3897] 362
 Crossidius allgewahri [2322] 261 399
 Crossidius ater [540] 25 386 526
 Crossidius discoideus [75] 8 25 323
 Crossidius discoideus blandi [4224] 386
 Crossidius discoideus sayi [1074] 36 126
 323
 Crossidius hirtipes [856] 25 40
 Crossidius hirtipes allgewahri [857] 25
 526
 Crossidius humeralis quadrivittatus
 [3799] 325
 Crossidius militaris [3800] 325
 Crossidius pulchellus [76] 8 66 120 125
 126 261 323 386 525
 Crossidius punctatus [858] 25 526
 Crossidius spp. [421] 52 116 148 564 568
 583
 Crossocerus fergusonii [5545] 527
 Crossocerus isolens [5547] 527
 Crossocerus spp. [5462] 526
 Cryphalus nitidus [2702] 147
 Cryptarcha ampla [2700] 147
 Cryptocampus bebbianae [5850] 528
 Cryptocampus macgillivray [5849] 528
 Cryptocephalus amatus [84] 8
 Cryptocephalus castaneus [5603] 528
 Cryptocephalus cerinus cerinus [86] 8
 Cryptocephalus confluens [87] 8 229
 Cryptocephalus confluentus [2349] 323
 Cryptocephalus confluentus confluentus
 [5212] 526
 Cryptocephalus quatuodecimpustulatus
 [4644] 453
 Cryptocephalus sanguinicollis [5884] 528
 Cryptocephalus sanguinicollis nigerrimus
 [3049] 229
 Cryptocephalus sanguinicollis
 sanguinicollis [2626] 147
 Cryptocephalus spp. [88] 8
 Cryptocheilus terminatum [1182] 36 323
 Cryptoglossa verrucosa [2211] 102 384
 Cryptohelcostizus alamedensis [3057] 229
 Cryptomyzus ribis [1045] 35 99 117 269
 Cryptorhopalum apicale [1735] 52
 Cryptorhopalum balteatum [367] 8
 Cryptorhopalum spp. [4569] 421
 Cryptoripersia arizonensis [1165] 36
 Cryptorrhynchus lapathi [2902] 214 373
 Cryptothrips rectangularis [3267] 279
 Cryptothrips sordidatus [3268] 279
 Cryptus genatus [5370] 526
 Cryptus spp. [5371] 526
 Ctenicera pruinina [3750] 335
 Ctenicera spp. [1103] 36
 Ctenolepisma longicaudata [2198] 102
 Cucujus clavipes puniceus [5197] 526
 Cucullia laetifica [4719] 491
 Cucullia spp. [2277] 116
 Cuerna arida [201] 8
 Cuerna costalis [202] 8
 Cuerna obesa [203] 8
 Cuerna occidentalis [4587] 424
 Cuerna spp. [1156] 36 323
 Cuerna striata [204] 8 323

Culicella impatiens [4494] 420
Culicoides copiosus [4342] 411
Culicoides crepuscularis [1894] 98
Culicoides variipennis [4571] 421
Curculionidae spp. [1388] 6 66 122 126 156 417
Cyanus elongatus [961] 32
Cybocephalus spp. [1739] 52
Cyclogastrella spp. [872] 26
Cycloneda munda [834] 25
Cycloneda munda polita [3040] 229
Cylindrocopturus adspersus [4424] 416 417 424
Cylindrocopturus spp. [343] 8 36 415 419
Cylindromyia armata [4674] 475
Cylindromyia californica [5335] 526
Cylindromyia decora [5336] 526
Cylindromyia fumipennis [5337] 526
Cyllene antennata [4181] 373
Cymatodera fuchsi [3858] 361
Cymatodera obliquefasciata [4642] 453
Cymodusopsis aristoteliae [5389] 526
Cynaesus angustus [4352] 411
Cynomyopsis cadaverina [962] 32 526
Cyphon concinnus [3029] 229
Cyrtopogon spp. [4584] 421
Cyrtopogon willistoni [5256] 526
Dacnusa spp. [1971] 98 157
Dactuliothrips spinosus [3894] 362
Dactylopius coccus [2769] 156 367
Dactylopius confusus [3969] 367 391 494 528
Dactylopius spp. [2806] 163 250 301 367
Dactylopius tomentosus [3970] 367 391 451 528
Dactylotum bicolor pictum [3929] 364
Dactylotum pictum [2854] 184
Dactylotum variegatum [1839] 96 166
Dactynotus ambrosiae (=Macrosiphum ambrosiae) [2300] 117 415 416 417 419 424
Dactynotus escalantii [1015] 35 116 117 526
Dactynotus katonkae [4367] 415 417
Dactynotus spp. [4450] 418
Dactynotus zerogutierreziae [186] 8
Dalopius fuscatus [5171] 526
Dalopius spp. [3751] 335
Danaus plexippus [5237] 526
Danepteryx manca [2946] 229
Dascillus davidsoni [3028] 229 528
Dasineura spp. [2629] 147
Dasyhelea mutabilis [2379] 411
Dasyneura gemmae [4657] 467
Dasyneura leguminicola [5833] 528
Dasyneura lupini [2857] 185
Dasyneura pergandei [5657] 528
Dasympoudaea lucens [4714] 491
Dasyrphus amalopis [5276] 526
Dasytastes ruficollis [4536] 421
Dasytidae spp. [1524] 125
Datana ministra [1546] 40 528
Delphacidae spp. [1289] 98
Delphacodes propinqua [1952] 98
Delphestus pusillus [1087] 36 323
Deltaspis cruentus [3801] 325
Deltocephalus fuscinervosus [2967] 229
Deltocephalus grex [1941] 98 416
Dendrobias mandibularis mandibularis [3803] 325
Dendrobias mandibularis reductus [2682] 147
Dendrobiella sericans [5751] 528
Dendrocoris contaminatus [3962] 367
Dendrocoris pini [1607] 40
Dendrocranulus spp. [127] 8
Dendroctonus barberi [4253] 393
Dendroctonus ponderosae [1611] 40 373 393
Dendroctonus valens [4066] 371 393
Deoclana yuccasella [4608] 438
Deopalpus contiguus [5346] 526
Deraeocoris bakeri [524] 98 134 526
Deraeocoris brevis [568] 31
Deraeocoris brevis piceatus [1922] 98
Deraeocoris fulgidus [2637] 147 490
Deraeocoris navajo [4696] 490
Deraeocoris nigrifrons [2530] 134
Deraeocoris nubilus [5108] 526
Deraeocoris schwartzii [5109] 526
Derobrachus geminatus [1620] 40
Derostenus agromyzae [1764] 52
Derotmema haydenii [1207] 36 323
Derotmema haydenii haydenii [2890] 212
Deserta bipunctata [4528] 421
Desmia funeralis [5698] 528
Desmocerus auripennis [5684] 528
Desmocerus piperi [2905] 216 528
Desmocerus spp. [2744] 148
Desmococcus captivus [1608] 40
Desmococcus sedentarius [1609] 40
Desmometopa spp. [4339] 411
Desmoris fulvus [1874] 98
Deuterosminthurus repandus [789] 23
Deuterosminthurus spp. [4545] 421
Diabrotica longicornis longicornis [89] 8
Diabrotica tricineta [90] 8
Diabrotica undecimpunctata [3095] 229 415 416 424
Diabrotica undecimpunctata howardi [91] 8 125 323
Diabrotica virgifera [3727] 323
Diachus auratus [92] 8 229 415 416 419 424 528
Diadasia australis australis [5518] 526
Diadasia spp. [3732] 323 521
Diadegma spp. [3373] 526
Dialeurodes citri [5782] 528
Dialictus actinosus [5486] 526
Dialictus albohirtus [5487] 526
Dialictus alius [4905] 504
Dialictus clarissimus [4906] 504
Dialictus clematisellus [284] 8 504
Dialictus hudsoniellus [914] 27 504
Dialictus hyalinus [915] 27 504
Dialictus incompletus [916] 27 526
Dialictus microlepoides [4907] 504
Dialictus nr. hunteri [285] 8
Dialictus perparvum [4908] 504
Dialictus pruinisiformis [4909] 504
Dialictus pruinosisiforme [1177] 36 323
Dialictus pruinosisus [5488] 526
Dialictus ruidosenis [5489] 526
Dialictus spp. [286] 8 323 526
Diamesa spp. [1136] 36 323
Dianthidium subparvum subparvum [5495] 526
Dianthidium ulkei perterritum [5496] 526
Dianthidium ulkei ulkei [5497] 526 527

Diapheromera arizonensis [1664] 47
Diapheromera covilleae [2766] 156 523
Diapheromera veliei veliei [2765] 156
Diarthronomyia artemisiae [2755] 156 251 528
Diarthronomyia occidentalis [2754] 156 251
Diarthronomyia spp. [5891] 581
Diaspididae spp. [1308] 416 516
Diaspidiotus aesculi [4087] 372
Diaspidiotus ancylus [4125] 372
Diaspidiotus coniferarum [4131] 372
Diaspidiotus osborni [4106] 372
Diaspidiotus uvae [4126] 372
Diaspis boisduvalii [4092] 372
Diaspis cacti [3974] 367
Diaspis echinocacti [1757] 52 250 332 367 372 397 528
Diaspis manzanitae [4114] 372
Diaspis piricola [5852] 528
Diastrophus kincaidii [4240] 392 394 444 528
Dibolia borealis [5218] 526
Dicaelotus spp. [5375] 526
Dicerca divaricata [4178] 373 407 528
Dicerca frosti [5165] 526
Dicerca horni [1561] 40 147 148 373 407 493 528
Dicerca pectorosa [2742] 148 368 528
Dicerca prolongata [408] 373 407
Diceroprocta apache [1678] 47 52 156 167
Dichelonyx spp. [3749] 335
Dichelonyx testaceipennis [5773] 528
Dichroascytus irroratus [5114] 526
Dichroascytus spp. [3478] 526
Diclidia spp. [118] 8
Dicolonus simplex [5257] 526
Dictyobia permutata [3966] 367
Dictyobia spp. [2947] 229
Dictyssa fenestrata [3901] 362
Dictyssa marginepunctata [3900] 362
Dictyssa obliqua [4437] 417
Dicymolomia julianalis [3997] 367
Dicymolomia opuntialis [3996] 367 481
Dicyphus cucurbitaceus [5110] 526
Dicyphus elongatus [4444] 417
Dicyrtoma flammea [790] 23
Didasia opuntiae [1711] 50
Didasia rinconis [1712] 50
Didasia spp. [1713] 50
Diglyphus intermedia [868] 26
Diglyphus websteri [869] 26
Dikraneura carneola [1942] 98 121 526
Dikraneura spp. [1943] 98
Dilophus spp. [140] 8
Dimorpha prima [5391] 526
Dinera grisescens [460] 526
Dinocleus angularis [3862] 361
Diodontus spp. [457] 34
Diomus debilis [321] 8
Dioryctria albovittella [1603] 40
Dioryctria spp. [4242] 393
Dioxyna picciola [4052] 370
Diphadnus appendiculatus [385] 10 528
Diplazon laetatorius [3058] 229
Diplolepis ashmeadi [3778] 353
Diplolepis inconspicuis [3779] 353
Diplolepis basseti [5775] 528
Diplolepis politus [5776] 528
Diploplectron ferrugineum [975] 34
Diplotaxis spp. [1544] 40 335 361
Diplotaxis subangulata [126] 8 361
Dipogon calipterus nubifer [5541] 527
Disaspis simmondsiae [3903] 362
Discocerina spp. [4517] 420
Disholcaspis chrysolepidis [4622] 444
Disholcaspis eldoradensis [5874] 528
Disholcaspis truckeensis [4627] 444
Disholcaspis washingtonensis [5873] 528
Disonycha alternata [1079] 115 434
Disonycha figurata [1080] 36
Disonycha fumata [3857] 361
Disonycha latifrons [2358] 361 526
Disonycha latiovittata [2357] 147 148 434
Disonycha pennsylvanica [5831] 528
Disonycha pluriligata [1081] 36 434
Disonycha punctigera [1082] 36 323
Disonycha quinquevittata [5830] 528
Disonycha varicornis [3982] 367
Dissosteira carolina [1208] 36 323 365
Dissosteira spurcata [3102] 237
Distigmoptera apicalis [93] 8
Dolichomitrus messor sparsus [2841] 176
Dolopius lateralis [3025] 229
Dorymyrmex pyramicus [2919] 224 323 420 421
Dorytomus brevicollis [344] 8
Draeculacephala minerva [4409] 416 419
Drapetis spp. [717] 98 421
Drasteria mirifica [4829] 491
Drepanaphis acerifoliae [728] 44
Drepanaphis granovskyi [729] 22 99 116 117 119
Drepanaphis idahoensis [2011] 99
Drepanaphis kansensis [2012] 99 117
Drepanaphis knowltoni [2013] 99
Drepanaphis spicata [2301] 117
Drepanaphis spicatum [730] 22 99
Drepanaphis utahensis [731] 22 35 99 116 119
Drepanopterna femoratum [1774] 59
Driotura vittata [205] 8
Driotura vittata nigra [206] 8
Drosophila aldrichi [2196] 100 558
Drosophila arizonensis [2194] 100 158 182 210
Drosophila hamatofila [2782] 158
Drosophila longicornis [2195] 100 158 182
Drosophila melanogaster [2847] 182
Drosophila mojavensis [2193] 100 101 158 182 210
Drosophila mulleri [2197] 101 558
Drosophila nigrospiracula [2192] 100 101 109 158 182 210
Drosophila obscura [3089] 229
Drosophila pachea [2191] 100 101 158 159 182 210
Drosophila pseudoobscura [2781] 158 182 210
Drosophila repleta [4488] 420
Drosophila spp. [2908] 219 411
Drosophila victoria [2218] 103
Dryophanta glabra [5767] 528
Dryophanta porterae [5768] 528
Dryotype opina [2989] 229
Dryudella aspersa [5441] 526
Dryudella caerulea [5442] 526
Durocapillata utahensis [1055] 35 99 116 117 253 406 466

Dynaspidiotus britannicus [4083] 372
 Dyotopasta yumaella [4001] 367
 Dysaphis plataginea [2154] 99
 Dyslobus spp. [4683] 480
 Eburia falli [3790] 325
 Eburia mutica [4314] 405
 Eburia ovicollis [3791] 325
 Eburia stigmatica [4313] 405
 Ectemnius dilectus [976] 34
 Ectemnius dilectus dilectus [5463] 526
 Ectemnius spiniferus [977] 34 526 527
 Ectopius spp. [1987] 98 116
 Edrotes leechi [3877] 361
 Edwardsiana ariste [4662] 468
 Edwardsiana commissuralis [4661] 468
 Edwardsiana euphrante [4663] 468
 Edwardsiana rosae [1636] 40 116 468
 Efferia spp. [2408] 125
 Elachertus spp. [3314] 421
 Elachiptera costata [1137] 36
 Elaphidion incertum [4315] 405
 Elaphidion mimeticum [4316] 405
 Elasmotherus cruciatus [1933] 98
 Elasmus nigripes [883] 26
 Elasmus spp. [884] 26
 Elateridae spp. [1340] 153 155 156
 Eleodes armata [2215] 102 384
 Eleodes caudifera [3878] 361
 Eleodes extricata [131] 8 36 161 323 361
 Eleodes fusiformis [132] 8 338
 Eleodes hispilabris [1789] 76 347 404
 Eleodes hispilabris sculptilis [3879] 361
 Eleodes humeralis [3773] 347
 Eleodes immunis interstitialis [3880] 361
 Eleodes leechi [3881] 361
 Eleodes nigrina [3772] 347
 Eleodes nigrinis [3758] 338
 Eleodes novoverrucula [3774] 347
 Eleodes obscura [1127] 36 347
 Eleodes obscurus [3759] 338
 Eleodes obsoleta [133] 8 36 323
 Eleodes omissa pygmaea [3882] 361
 Eleodes porcata [3883] 361
 Eleodes sponsus [3760] 338
 Eleodes spp. [4308] 404
 Eleodes tricostata [134] 8 36
 Eleodes tricostata robusta [2795] 161
 Eleodes tricostatus [3761] 338
 Elpiste marcescens [2991] 229
 Embaphion contractum [3762] 338
 Embaphion contusum [3763] 338
 Emblethus vicarius [2786] 161
 Emersonopsis spp. [1981] 98
 Emphoropsis pallida [4949] 504
 Empoa rosae [5674] 528
 Empoa spinosa [4660] 468
 Empoasca abrupta [1676] 47 415 416 419 424
 Empoasca alboneura [207] 8 416 417 462
 Empoasca cerea [2963] 229
 Empoasca decora [1944] 98 526
 Empoasca fabae [4654] 462
 Empoasca lauta [4435] 417 418
 Empoasca mexicana [208] 8
 Empoasca neaspersa [2247] 116 415 416
 Empoasca nigra [1945] 98 526
 Empoasca nigra typhlocyboides [4581] 421
 Empoasca obtusa [4669] 462
 Empoasca recurvata [4670] 462
 Empoasca spp. [433] 36 98 323 416 421 424
 Enallagma boreale [5104] 526
 Enaphalodes seminitidus [3819] 325
 Encarsia meritoria [1765] 52
 Enchenopa permutata [1959] 98 421
 Encyrtolophus sordidus costalis [1796] 80 427
 Encyrtus spp. [4464] 418
 Enoclerus coccineus [318] 8
 Enoclerus laetus [317] 8
 Enoclerus spp. [2518] 126
 Entedon bigeloviae [870] 26
 Entomobrya atrocincta [754] 23
 Entomobrya atrocincta pseudopulchra [755] 23
 Entomobrya knaba [756] 23
 Entomobrya marginata [757] 23
 Entomobrya multifasciata [758] 36 323
 Entomobrya nivalis [759] 23
 Entomobrya pseudoperpulchra [760] 23
 Entomobrya purpurascens [761] 23
 Entomobrya spp. [1132] 36
 Entrichopleurus sesiellus [1880] 98
 Eomacrosiphum nigromaculosum [2148] 99
 Epameibaphis atricornis [600] 17 20 35 99 116 117 145 262 498
 Epameibaphis frigidulae [601] 17 35 36 99 116 269 323 421
 Epameibaphis thornleyi [599] 17
 Epameibaphis utahensis [657] 20 35 99 116 262
 Epeolus compactus [5517] 526
 Epeolus minimus [1166] 36 526
 Ephedrodoma multilineata [4183] 374
 Ephedrodoma spp. [4182] 374
 Ephestiodes erythrella [2668] 147
 Epiblema sosana [4591] 424
 Epiblema spp. [1202] 36 415 419
 Epiblema strenuana [4419] 416
 Epiclerus spp. [1094] 36
 Epicauta caviceps [1736] 52
 Epicauta ferruginea [106] 8 29 36 52 323
 Epicauta fortis [1108] 36 323
 Epicauta maculata [921] 29 421
 Epicauta nigritarsis [2496] 125
 Epicauta normalis [922] 29 98 161 526
 Epicauta parva [1109] 36 323
 Epicauta pennsylvanica [1110] 36 323
 Epicauta puncticollis [5186] 526
 Epicauta stuarti [1111] 36 323
 Epicauta wheeleri [1737] 52
 Epicoptera spp. [873] 26
 Epidiaspis salicicola [4144] 372
 Epilachna varivestris [3720] 323
 Epimechus curvipes [345] 8
 Epimechus gracilis [3737] 323
 Epimechus nevadicus [1095] 36 323
 Epimechus spp. [346] 8
 Epinotia kasloana [3600] 284 362
 Episoda spp. [892] 26
 Episyrphus oregon [900] 26
 Episyrphus snowi [292] 8
 Epitrix cucumeris [5680] 528
 Epitrix nr. hirtipennis [94] 8
 Epitrix spp. [1845] 98
 EPOCHRA canadensis [2900] 213 368 370 528
 Epyris spp. [1967] 98

Erannis defoliaria [5862] 528
Eremochrysa californica [2979] 229
Eremochrysa fraterna [5156] 526
Eremopedes bilineatus [4192] 383
Eremopedes covillae [2924] 227 383
Eremopedes ephippiatus [4208] 383
Eremopedes scudleri [2898] 212 383
Eremopedes spp. [4207] 383
Eretmocerus haldemani [1766] 52
Ergates pauper [3782] 325
Erhthroneura spp. [2649] 147
Eribella polita [5351] 526
Eriocampoides limacina [386] 528
Eriococcus adenostomae [5588] 528
Eriococcus coccineus [3968] 367
Eriococcus cryptus [234] 8 66
Eriococcus poenulatus [5778] 528
Eriococcus spp. [235] 8 116
Eriococcus tinsleyi [5606] 528
Eriosoma americanum [1545] 40 99
Eriosoma crataegi [1570] 40 528
Eriosoma lanigera [5704] 528
Eristalis arbustorum [5282] 526
Eristalis tenax [949] 32
Eritettix simplex tricarinatus [1797] 80
82
Eritettix variabilis [1840] 96
Ernobius montanus [1602] 40
Errhonus aridus [4525] 421
Erynnis afranius [5060] 522
Erynnis brizo burgessi [5078] 522
Erynnis horatius [5079] 522
Erynnis icelus [5091] 522
Erynnis martialis [5022] 522
Erynnis pacuvius [5023] 522
Erynnis telemachus [5080] 522
Erythroneura ziczac [4361] 414
Estigmene acrea [1696] 47 362 415 424
Ethmia arctostaphylella [4671] 472
Ethmia discostrigella [1566] 40 147 148
472 526
Ethmia monticola [5243] 526
Ethmia semitenebrella [4672] 472
Ethmiidae spp. [4554] 421
Euaresta abstersa [4487] 420
Euaresta aequalis [4016] 370
Euaresta bellula [4011] 370 417 418 419
Euaresta bullans [4026] 370
Euaresta stigmatica [4012] 370 417 424
Euaresta tapetis [4044] 370
Euarestoides acutangula [4018] 370 415
417 418 460
Euarestoides acutangulus [173] 8 376 416
424 526
Euarestoides arnaudi [4031] 370 460
Euarestoides flava [4045] 370
Eubadizon spp. [3069] 229
Eubaphe unicolor [298] 8
Eucalliphora lilaea [2260] 116 526
Euceraphis betulae [2063] 99
Euceraphis brevis [3163] 269
Euceraphis gillettei [2060] 99
Euceraphis punctipennis [2062] 99
Eucerceris cressoni [978] 34
Eucerceris flavocincta [5460] 526
Eucerceris superba [979] 34
Euchalcidia spp. [864] 26
Euclytia flava [2499] 125
Eucosma bobana [1584] 40 305 393
Eucosma ridingsana [1786] 66
Eucosma spp. [1203] 36 98 323
Eucyllus unicolor [3863] 361
Eudecatoma flamminneiventris [3835] 327
Eudecatoma spp. [888] 26
Eudercus exilis [4322] 405
Euderus argyresthiae [2842] 176
Euderus spp. [517] 26 229 421 526
Euderus subopacus [1982] 98
Eudistenia costipennis [3788] 325
Eulalia spp. [162] 8
Eumacronychia spp. [4557] 421
Eumecomera obscura [2258] 116
Eumenes verticalis coloradensis [5428]
526
Eumysia idahoensis [2523] 127
Eumysia spp. [2887] 211
Eunotus spp. [1994] 98
Euodynerus annulatus [2515] 125
Euodynerus auranus [3519] 526
Euodynerus discogaster [5429] 526
Euodynerus foraminatus scutellaris [5531]
527
Euodynerus leucomelas [5430] 526
Euodynerus tempiferus eldoradensis [5431]
526
Eupagoderes geminatus [5605] 528
Eupagoderes spp. [2288] 116 361
Eupagoderes varius [3864] 361 421
Eupelmella spp. [3656] 299
Eupelmella vesicularis [4279] 394
Eupelmus cyaniceps [3078] 229 402
Eupelmus cyaniceps amicus [2840] 175
Eupelmus cyaniceps utahensis [2777] 157
Eupelmus inyoensis [3077] 229 293 299
Eupelmus spp. [866] 26 98 229 293 299
327
Eupeodes volucris [950] 32 36 229 323
526
Euphalerus adustus [2619] 147
Euphilotes battoides centralis [5040]
522
Euphilotes battoides ellisi [5038] 522
Euphilotes battoides glaucon [5049] 522
Euphilotes enoptes ancilla [5050] 522
Euphilotes rita coloradensis [5039] 522
Euphilotes rita emmeli [5042] 522
Euphilotes rita pallescens [5041] 522
Euphilotes spaldingi [5043] 522
Euphoeades eurymedon [5070] 522
Euphoeades glaucus [5071] 522
Euphoeades multicaudatus [5072] 522
Euphoeades rutulus [5073] 522
Euphoria inda [1119] 36 323
Euphydryas anicia [5233] 526
Euphydryas chalcedona [3746] 330 350 351
515 528
Euphydryas gillettei [3655] 298
Euphyllura arctostaphyli [5720] 528
Eupithecia spp. [4415] 416
Euplexia benesimilis [4807] 491
Euplilis arapaho [5548] 527
Eupsilia devia [4803] 491
Eupsilia fringata [4802] 491
Eupsilia tristigmata [4801] 491
Eupteromalus spp. [874] 26 526
Euptychodera corrugata [1148] 36
Eurelymis atra [5179] 526
Eurema mexicana [5014] 522
Eurois astricta [4730] 491
Eurois occulta [4729] 491

Europiella decolor [1923] 98 421
Europiella spp. [565] 98 421 526
Eurygaster spp. [2643] 147 526
Eurygenius spp. [121] 8
Euryopthalmus convivus [1670] 47
Euryopthalmus succinctus [5750] 528
Euryoros furtivus [2202] 102
Euryscopa pilatei [95] 8
Eurytoma brevitergis [4239] 392
Eurytoma ceanothi [4276] 396
Eurytoma chrysothamni [4241] 392
Eurytoma compressa [3744] 328
Eurytoma juniperina [5406] 526
Eurytoma rubribacca [4337] 409
Eurytoma scabriterga [3745] 328
Eurytoma spp. [441] 91 147 229 327 394 421 526
Eurytoma squamosa [2464] 123 147 396
Eusandalum spp. [3834] 327
Eusattus convexus [1128] 36 323
Eusattus muricatus [1791] 76 347 404
Eusattus reticulatus [135] 8
Euscelis schenkii [2968] 229
Euschistus conspersus [2597] 147
Euschistus inflatus [4687] 486
Euschistus variolarius [4688] 486
Eustromula validum [3805] 325
Eutettix insanus [4526] 421
Eutettix tenella [2565] 142
Eutettix tenellus [2916] 224 421 528 551 552 553
Euthiscia tuberculata [2575] 145
Euthoracaphis umbellulariae [4869] 498
Eutreta baccharis [4030] 370
Eutreta diana [953] 32 98 156 157 290 370
Eutreta facialis [1908] 98
Eutreta hespera [4040] 370
Eutreta nr. jonesi [1913] 98
Eutreta oregona [2481] 370
Eutreta pacifica [4017] 370 416
Eutreta spp. [2737] 148
Eutrichosomma mirabile [886] 26
Euura breweriae [2713] 147
Euura exiquae [2714] 147
Euura geyerianae [2715] 147
Euura lasiolepis [2716] 147
Euura lemmoniae [2717] 147
Euura scoulerianae [2718] 147
Euxesta magdalenae [952] 32
Euxesta nitidiventris [4538] 421
Euxesta spp. [4539] 421
Euxoa citricolor [414] 13
Euxoa siccata [3717] 323
Euxoa spp. [1199] 36 323 419
Euzophera semifuneralis [5763] 528
Evarestoides acutangula [1740] 52
Evarthrus constrictus [1069] 36
Evylaeus amicus [4904] 504
Evylaeus cooleyi [917] 27
Evylaeus galpinsiae [2904] 215
Exchatomoxys tanneri [3884] 361
Exema conspersa [404] 12 415 416 419 424
Exema deserti [4439] 417 418
Exema globensis [1722] 52
Exema mormana [96] 8
Exenterus tsugae [5367] 526
Exetastes rufipes [5383] 526
Exetastes spp. [5384] 526
Exitianus exitiosus [209] 8 98 415 416 424
Exitianus obscurinervis [4527] 421
Exochomus desertorum [835] 25
Exochomus marginipennis californicus [1859] 98
Exochomus quatuorpustulatus quadrimaculatus [3043] 229
Exochomus septentrionis parvicollis [1860] 98 421
Exomalopsis solani [4936] 504
Exomalopsis spp. [259] 8
Exoprosopa divisa [942] 32
Exoprosopa spp. [943] 32 36 323
Exoristoides johnsoni [2271] 116
Eysarcoris intergressus [4689] 486
Fabriciella egula [2272] 116
Fabriciella latigena [2273] 116
Fannia spp. [1903] 98
Feltia ducens [413] 13 36 323
Feltia subterranea [2223] 108
Fenusa pusilla [4594] 426
Feralia februalis [4720] 491
Fernaldina lucae [3416] 526
Ficana apicalis [5671] 528
Fieberiella florii [2248] 116 230
Filatima nr. abactella [2661] 147
Filatima sperryi [39] 1 56 122 123 147 148 226
Filatima spp. [2563] 140 156
Fimbriaphis gentneri [4870] 498
Fiorinia fioriniae [4081] 372
Fiorinia juniperi [4130] 372
Fishia evelina [4789] 491
Fishia yosemitae [4790] 491
Fitchiella rufipes [237] 8
Flabellomicrosiphum knowltoni [658] 20 35 99 116 117
Flabellomicrosiphum tridentatae [659] 20 21 35 99 116 117
Flexamia abbreviata [210] 8
Flexamia flexulosa [211] 8 36 323
Folsomia diplophthalma [762] 23
Folsomia elongata [763] 23
Folsomia fimetaria [764] 23
Folsomides parvus [766] 23
Folsomides stachi [767] 23
Forda olivacea [3143] 253
Forelius foetidus [271] 8
Forelius spp. [2205] 102
Forficula auricularis [2929] 229
Formica criniventris [803] 24
Formica fusca [804] 24 138 421 526
Formica fusca argentea [389] 10
Formica fusca gelida [390] 10
Formica fusca neorufibarbis [391] 10 138
Formica fusca subanescens [392] 10
Formica fusca subsericea [805] 24
Formica haemorrhoidalis [806] 24 526
Formica integroides coloradensis [5423] 526
Formica lasioides [2920] 224 526
Formica manni [393] 10 24 421 526
Formica microgyna [2281] 116
Formica neoclara [807] 24
Formica neogagates [394] 10 24 36 323 421
Formica neogagates lasioides [4577] 421
Formica neogagates neogagates [2558] 138
Formica neorufibarbis neorufibarbis [5424] 526
Formica obscuripes [808] 24 36
Formica obtusopilosa [809] 24 36 323 421

Formica oreas [395] 10 24
 Formica oreas comptula [396] 10
 Formica pallidefulva [810] 24 138
 Formica perpilosa [1684] 47
 Formica pilicornis [4490] 420
 Formica planipilis [582] 24
 Formica querquetula [811] 24
 Formica rasilis [812] 24 526
 Formica rufa [434] 14 116 526
 Formica rufa obscuripes [397] 10 138
 Formica rufibarbis occidua [3084] 229
 Formica sanguinea subnuda [2561] 138
 Formica spp. [483] 421 526
 Formica subpolita [398] 10 138
 Formica subpolita camponoticeps [813] 24 526
 Formica truncicola intogriodos [399] 10
 Formica whympersi alpina [5425] 526
 Formicidae spp. [1510] 6 92 547
 Frankliniella canadensis [4648] 458
 Frankliniella claripennis [4649] 458
 Frankliniella gossypiana [1705] 49
 Frankliniella insularis [5801] 528
 Frankliniella minuta [42] 2 49 91 323 417 528
 Frankliniella moultoni [16] 3 458
 Frankliniella occidentalis [41] 1 2 40 47 49 56 91 122 123 125 140 147 148 156 362 393 416 421 526
 Frankliniella spp. [3] 2
 Frankliniella trehernei [4650] 458
 Frankliniella tritici [17] 3
 Frankliniella yuccae [4651] 458
 Frechinia laetalis [4385] 415 418
 Frechinia spp. [4420] 416 424
 Friesea claviseta [768] 23
 Frigartus frigidus [573] 36 98 323
 Frontiniella parancilla [5357] 526
 Fulgoridae spp. [1290] 6
 Fullawaya saliciradicis [2176] 99 528
 Fullawaya terricola [2177] 99
 Galeopsomyia spp. [875] 26
 Galerucella decora [4165] 373 528
 Galerucella luteola [5214] 526
 Gargaphia angulata [2875] 197 528
 Gargaphia iridescens [2877] 197 528
 Gargaphia opacula [2645] 147
 Gargaphia solani [2876] 197 528
 Gasteruption spp. [5409] 526
 Gastrophysa dissimilis [97] 8
 Gelechia anarsiella [2008] 98
 Gelechia mandella [40] 1 123 147 148 226
 Gelechia spp. [2775] 157
 Gelechiidae spp. [1396] 116 335 421
 Gelis spp. [5368] 526
 Genophion costalis [5394] 526
 Geocoris atricolor [26] 41
 Geocoris pallens pallens [5129] 526
 Geocoris pullens [2632] 147
 Geocoris punctipes [1742] 52
 Geocoris spp. [7] 6 47 421
 Geometridae spp. [1403] 116 122 127 421
 Geosargus viridis [1905] 98
 Geron spp. [642] 98 421
 Gerstaeckeria basalis [1096] 36 323 367
 Gerstaeckeria bifasciata [3983] 367
 Gerstaeckeria cactophaga [3988] 367
 Gerstaeckeria clathrata [3986] 367
 Gerstaeckeria nobilis [3984] 367
 Gerstaeckeria opuntiae [3987] 367
 Gerstaeckeria porosa [3985] 367
 Gerstaeckeria turbida [2222] 108 367
 Gertaekeria spp. [4605] 437
 Gillettiella atropunctata [1157] 36 323
 Gillettiella labiata [212] 8
 Glabromyzus schlingeri [4871] 498
 Glaucina ochrofuscaria [4456] 418
 Glaucopsyche lygdamus [2859] 173 177 522
 Glaucopsyche lygdamus oro [1195] 36
 Glaucopsyche piasus [5061] 522
 Glaucopsyche piasus daunia [5057] 522
 Gloveria medusa editha [3776] 348
 Gloveria spp. [4249] 393
 Glyphina betulae [2064] 99
 Glypta spp. [5382] 526
 Glyptasida sordida [1129] 36 323 361
 Glyptasida spp. [3885] 361
 Glyptina atriventris [5217] 526
 Glyptina cerina [98] 8
 Glyptina spuria [99] 8
 Glyptoscelis aridis [1606] 40
 Gnaphalodes trachyderoides [3793] 325 405
 Gnathamitermes tubiformans [1826] 84 106
 Gnathium spp. [2229] 115
 Gnathotrichus alni [4174] 373
 Gnorimoschema baccharisella [3001] 229 528
 Gnorimoschema sapharinella [4379] 415 416
 Gnorimoschema spp. [1190] 36
 Gonasida elata [1130] 36
 Gonepteryx spp. [4877] 500
 Goniopsita spp. [5298] 526
 Goniozus spp. [3080] 229
 Gonosida elata [3757] 338
 Gorytes albosignatus [5452] 526
 Gracilaria syringella [4673] 474 528
 Graminella sonora [213] 8
 Grammoptera spp. [5204] 526
 Graphiphora normaniana [4733] 491
 Graphiphora smithi [4732] 491
 Graphocephala marathonsensis [214] 8
 Graphomya maculata [5321] 526
 Gryllidae spp. [1252] 74
 Gymnosoma filiola [5333] 526
 Gymnosoma fuliginosa [4675] 475
 Gypona octolineata [5673] 528
 Gypona paupercula [2504] 125
 Gyponana delta [215] 8
 Gyponana hasta [4369] 415 416 419
 Gyponana spp. [2650] 147
 Gyros muiri [5242] 526
 Habrocytus coloradensis [5403] 526
 Habrocytus medicaginis [5404] 526
 Habrocytus piercei [5405] 526
 Habrocytus spp. [436] 98 157 229 394 526
 Habrodais grunus [5077] 522
 Hadronema militare [5111] 526
 Hadronema militaris [5870] 528
 Hadronema princeps [3640] 526
 Hadronema robusta [3955] 367
 Hadronema simplex [5112] 526
 Hadrotettix trifasciatus [1767] 54 59 96 184 364 366
 Haematobia irritans [3235] 526
 Halictidae spp. [1515] 6
 Halictoides mulleri [4510] 420
 Halictus aberrans [2869] 193
 Halictus confusus [1178] 323

Halictus farinosus [47] 7 504 526
Halictus robustus [4509] 420
Halictus rubicundus [542] 526
Halictus sparsus [4541] 421
Halictus spp. [1717] 50
Halictus tripartitus [287] 8 526
Halisidota argentata subalpina [1586] 40
Halisidota ingens [1587] 40 373 393
Halisidota maculata [4153] 373
Halisidota maculata alni [5661] 528
Haltica foliacea [5592] 528
Haltica probata [5774] 528
Haltichella spp. [443] 26 98 421
Halticoptera spp. [1997] 98 229 421 526
Halticotoma valida [1745] 52
Halticus intermedius [2531] 134
Hapaurotis crysalus [5081] 522
Haplaxius spp. [1951] 98
Haplidus testaceus [1613] 40
Haplomyza spp. [1885] 98
Haploptilia volcki [5845] 528
Haplothrips distalis [3282] 279
Haplothrips fasciculatus [1706] 49 279
Haplothrips leucanthemi [5785] 528
Haplothrips mali [18] 3 362
Haplothrips niger [3283] 279
Haplothrips purpuratus [1707] 49 279
Haplothrips robustus [4398] 416
Hardya dentata [561] 121
Harkenclenus titus [5074] 522
Harmostes fraterculus [4433] 417 418 424
Harmostes reflexulus [376] 9 52 147 416
419 424 526
Harpalus basilaris [2327] 526
Harpalus corpulentus [3850] 361
Harpalus desertus [1070] 36
Harpalus furtivus [3851] 361
Harpalus spp. [2207] 102 361
Harrisiana brillians [5695] 528
Harrisiana coracina [5696] 528
Harrisiana metallica [5697] 528
Hedriodiscus binotatus [936] 32
Hedriodiscus truquii [918] 28
Hedrobia granosa [5627] 528
Hedychrum cupricolle [895] 26
Hedychrum nigropilosum [5411] 526
Helina bohemani [5315] 526
Helina duplicata [5324] 526
Helina lucorum [4484] 420
Helina troene [3220] 526
Helicococcus deserticola [4445] 417 418
Helicococcus stachyos [5148] 526
Heliothis phloxiphaga [4474] 419 424
Heliothis virescens [4380] 415 417
Heliothrips haemorrhoidalis [5796] 528
Helobia hybrida [4478] 420
Helochara communis [5809] 528
Helophilus latifrons [5280] 526
Helophilus spp. [1141] 36 323
Hemerobius neadelphus [5153] 526
Hemerobius pacificus [2978] 229 526
Hemerocampa vetusta [2750] 155 373 442
528
Hemerocampa vetusta gulosa (=Orgyia) [37]
1 148
Hemiargus ceraunus [5069] 522
Hemiberlesia cyanophyllii [4093] 372
Hemiberlesia howardi [4127] 372
Hemiberlesia lataniae [4119] 372
Hemiberlesia popularum [4103] 372
Hemicoelus gibbicollis [1634] 40
Hemieuxoa rudens [4724] 491
Hemiglyptus basalis [3595] 280 528
Hemigraphiphora plebeia [4736] 491
Hemileuca eglanterina (=Pseudohazis)
[1551] 40 148
Hemileuca electra [3923] 362
Hemileuca hera [1559] 40
Hemileuca hera hera (=Pseudohazis) [2738]
148
Hemileuca juno [1615] 40 528
Hemileuca maia [2731] 147 528
Hemileuca nevadensis [2732] 147 148 528
Hemileuca nuttalli [1637] 40 147
Hemileuca nuttalli nuttalli
(=Pseudohazis) [2739] 148
Hemileuca oliviae [1827] 87
Hemileuca spp. [2467] 123
Hemileuca tricolor [1563] 40
Henricus saxicolanus [2998] 229
Heraclides cresphontes [5076] 522
Heriades gracilior [4356] 413
Hermetia hunteri [4667] 470
Hesperanoplum antennatum [3792] 325
Hesperapis arida [4915] 504
Hesperapis larreae [4916] 504
Hesperia harpalus harpalus [5224] 526
Hesperotettix speciosus [2855] 184 364
Hesperotettix viridis [1209] 36 98 129
174 294 323 364
Hesperotettix viridis pratensis [3945]
365
Hesperotettix viridis viridis [2896] 212
425
Hesperotingis occidentalis [5123] 526
Hesperotingis spp. [1150] 36 323
Hesperumia sulphuraria [3753] 335 526
Heteranassa mima [4838] 491
Heteranthidium larreae [4917] 504
Heterocampa manteo [1623] 40
Heteropsis alpheus [5006] 522
Heteropsis graciellae [5007] 522
Heteropsylla texana [251] 8 125
Heterospilus koebeli [3833] 327
Heterothrips prosopidis [1708] 49
Hillia maida [4788] 491
Hippelates pusio [1138] 36
Hippiscus rugosus [3930] 364
Hippodamia ambigua [3185] 276
Hippodamia apicalis [403] 12 25 116 421
526
Hippodamia convergens [322] 8 25 36 47
98 116 125 229 276 323 421 526
Hippodamia convergens ambiguus [1861] 98
Hippodamia glacialis lecontei [836] 25
Hippodamia lecontei [1862] 98
Hippodamia lunatomaculata apicalis [1863]
98
Hippodamia parenthesis [622] 116
Hippodamia quinquesignata [837] 25 526
Hippodamia sinuata disjuncta [838] 25
115 116 526
Hippodamia spp. [4582] 421
Hippodamia tredecimpunctata tibialis
[839] 25 526
Hippomelas spp. [3770] 331
Hippopsis spp. [1811] 81
Hister abbreviatus [1104] 36
Holcostethus abbreviatus [2598] 147
Holepyris spp. [263] 8

Holocera gigantella [4609] 438
Holocera spp. [3917] 362
Hololepta spp. [4350] 411
Hololepta yucateca [4349] 411
Holopleura marginata [1641] 40 528
Holopyga ventralis [896] 26 526
Homaemus aeneifrons consors [5132] 526
Homaemus aeneifrons extensus [1934] 98
Homaemus bijugis [2644] 147 161
Homalodisca lacerta [3899] 362
Homohadena fifia [4795] 491
Homohadena stabilis [4721] 491
Homolodisca liturata [1677] 47
Homoporus spp. [876] 26
Homorthodes communis [4759] 491
Homorthodes perbrunnea [4761] 491
Homotropus nigratarsus fuscitarsus [5385] 526
Hoplia callipyge [5591] 528
Hoplitis albifrons argentifrons [5504] 526
Hoplitis biscutellae [4924] 504
Hoplitis colei [5564] 527
Hoplitis fulgida platyura [5565] 527
Hoplitis hypocrita [5566] 527
Hoplitis louisae [5505] 526
Hoplitis producta gracilis [5567] 527
Hoplitis sambuci [5568] 527
Hoplocampa cookei [5663] 528
Hoplocampa spp. [2462] 123 147
Hoplochaitophorus quercicola [2122] 99
Hoppingiana nitida [5180] 526
Hordinia circellata [4410] 416
Horismenus missouriensis [2839] 175
Hormius pallidipes [3070] 229
Hormius spp. [550] 229 526
Horogenes eureka [3059] 229
Horogenes pterophorae [3060] 229
Horogenes spp. [1985] 98
Hyadaphis foeniculi [2105] 99
Hyaleus spp. [265] 8
Hyalomyia aldrichii [459] 98 526
Hyalophora euryalus [1552] 40 155
Hyalophora spp. [2458] 122
Hyalopterus arundinis [1003] 35 44
Hyalopterus pruni [2118] 99
Hydnocera discoidea [4534] 421
Hydnocera scabra [494] 421
Hydnocera spp. [2336] 421
Hydnocera subfasciata [1844] 98
Hydrellia griseola [5294] 526
Hydrellia spp. [2445] 421
Hydrophoria divisa [5312] 526
Hydrophoria wierzejskii [5313] 526
Hylaeus cressoni [3511] 402 527
Hylaeus lunicraterius [5472] 526
Hylaeus rudbeckiae [5470] 526 527
Hylaeus rugulosus episcopalis [5473] 526
Hylaeus verticalis [5559] 527
Hylaeus wootoni [5471] 526
Hylemya brassicae [5303] 526
Hylemya ceralis [5305] 526
Hylemya cilicrura [4485] 420
Hylemya cinerella [3228] 526
Hylemya femorata [5306] 526
Hylemya lamellicauda [5307] 526
Hylemya montana [5308] 526
Hylemya neomexicana [5309] 526
Hylemya platura (=cilicrura Rondani) [469] 47 98 116
Hylemya setiventris setiventris [5310] 526
Hylemya spp. [139] 8 98 420 421
Hylemya variata [5302] 526
Hyles lineata [1782] 65 105
Hylocrinus delicatulus [3886] 361
Hylocrinus spp. [1884] 98
Hylocurus hirtellus [1640] 40
Hylocurus parkinsoniae [1564] 40
Hymenorus densus [48] 8
Hypebaeus spp. [116] 8
Hyperaspidius comparatus [323] 8
Hyperaspidius insignis [324] 8
Hyperaspidius spp. [840] 25 36 323
Hyperaspis bensonica [1729] 52
Hyperaspis chapins [1864] 98
Hyperaspis dissoluta [1865] 98
Hyperaspis fastidiosus [2317] 421
Hyperaspis fimbriolata [325] 8 25 421
Hyperaspis lateralis [326] 8 25 526
Hyperaspis lateralis montanica [1866] 98 421 526
Hyperaspis lateralis wellmani [2256] 116
Hyperaspis nevadica [842] 25
Hyperaspis pleuralis [843] 25 98
Hyperaspis pleuralis aterrima [4535] 421
Hyperaspis postica [3156] 261
Hyperaspis quadriloculatus [3033] 229
Hyperaspis quadrivittata [1088] 36
Hyperaspis spiculinota [1867] 98
Hyperaspis spp. [841] 25 115 421
Hyperaspis taeniata nevadica [1868] 98 421
Hyperaspis taeniata taeniata [1869] 98
Hyperaspis undulata [844] 25 98
Hyperomyzus accidentalis [2030] 99
Hyperomyzus lactucae [2132] 99
Hyperomyzus nigricornis [2133] 99
Hyperomyzus ribiellus [2134] 99
Hyperplatys spp. [2683] 147
Hyphantria cunea [1632] 40 147 283 373 528
Hypochlora alba [2856] 184 287 295 364 365 375 425
Hypodryas gillettii [5056] 522
Hypogastrura armata [734] 23
Hypogastrura macgillivrayi [735] 23
Hypogastrura manubrialis [736] 23
Hypogastrura matura [737] 23
Hypogastrura nivicola [738] 23
Hypogastrura pseudarmatus [739] 23
Hypophloeus spp. [4272] 393
Hyppa brunneicrista [4806] 491
Hypsicera spp. [5388] 526
Hysteropterum cornutum uthanum [1954] 98 421
Hysteropterum sepulchralis [238] 8
Icerya purchasi [4372] 415 416 419 528
Icerya rileyi [5749] 528
Ichneumon spp. [5380] 526
Ichneumonidae spp. [1483] 6 91
Idiocerus alternatus [5805] 528
Idiocerus amoenus [3576] 526
Idiocerus apache [3340] 526
Idiocerus femoratus [4360] 414
Idiocerus nervatus [3611] 526 528
Idiocerus pallidus [5806] 528
Idiocerus ramentosus [3612] 414
Idiocerus spp. [711] 98
Idiocerus suturalis [5807] 528

Idiostatus elegans [4197] 383
Idiostatus hendersoni [4201] 383
Idiostatus inermis [4196] 383
Idiostatus inyo [4195] 383
Idiostatus magnificus [4199] 383
Idiostatus nevadensis [4198] 383
Idiostatus varegatus [4200] 383
Illinoia azaleae [2067] 99
Illinoia crystleae [2107] 99
Illinoia macrosiphum [5716] 528
Illinoia stanleyi [5679] 528
Incisalia augustinus [5004] 522
Incisalia fotis [5032] 522
Incisalia polios [5005] 522
Incisitermes fruticavus [3769] 345 362
Inostemma spp. [1991] 98 299
Iphiaulax spp. [2513] 125 327
Ipochnus fasciatus [2684] 147 528
Ips confusus [1612] 40 371 393 454
Ips lecontei [4265] 393
Ips spp. [4264] 393
Irbisia brachycera [2454] 121 417 424
Irbisia californica [2942] 229
Irbisia pacifica [4400] 416
Irbisia setosa [3898] 362
Irbisia solani [2941] 229
Irbisia spp. [2943] 229
Iridomyrmex humilis [3082] 229
Iridomyrmex pruinosus [272] 8 310
Iridomyrmex spp. [4585] 421
Ischyropalpus spp. [52] 8
Iseropus spp. [3061] 229
Isodontia elegans [3419] 527
Isoneurothrips australis [2934] 229
Isostasius spp. [447] 26
Isotoma cinerea [769] 23
Isotoma eunotabilis [770] 23
Isotoma trispinata [772] 23
Isotoma viridis [773] 23 133
Isotomodes tenuis [774] 23
Isotomurus palustris [775] 23
Issidae spp. [1293] 156
Itame colata [2664] 147
Itame quadrilineata [2609] 147
Iziphya spp. [1152] 36
Jalysus spinosus [3146] 256
Jalysus wickhami [1932] 98 526
Janetiella coloradensis [1589] 40 304 393 395 401
Janetiella spp. [1896] 98 285 342 343
Junonia coenia [5055] 522
Kakimia cerei [2581] 145
Kakimia ceri [3184] 275
Kakimia cynosbati [2135] 99 275
Kakimia houghtonensis [3183] 275
Kakimia houghtonensis occidentalis [2137] 99
Kakimia houghtonensis russellae [2136] 99
Kakimia muesebecki [3181] 275
Kakimia ribe-utahensis [596] 275
Kakimia ribeulahensis [2138] 99
Kakimia ribifolii [3182] 275
Kaloterms arizonensis [4009] 369
Kaloterms hubbardi [5621] 528
Kaloterms lighti [4010] 369
Kaloterms minor [5770] 528
Kaloterms occidentis [5769] 528
Kaloterms simplicornia [2762] 156
Keonolla confluens [2927] 230
Keonolla dolobrata [216] 8
Kimminsia coloradensis [5154] 526
Kleidocerys franciscanus [5128] 526
Kleidocerys resedae [3466] 308
Knulliana cincta cincta [3795] 325
Kurtomathrips unicolor [1221] 36 323
Kuwayama medicaginis [252] 8
Labeo typhlocybae [2884] 203
Labopidea sericata [1924] 98
Labopidea spp. [5113] 526
Labops hirtus [2638] 147
Lachnus burrilli [4971] 517
Lachnus edulis [4970] 517
Lachnus salignus [4281] 398
Lacinipolia olivacea [4475] 419
Lacinipolia patalis [4748] 491
Lacinipolia pensilis [4749] 491
Lacinipolia quadrilineata [4751] 491
Lacinipolia stricta [4750] 491
Lambdina fiscellaria lugubrosa [1571] 40
Laphria fernaldi [5260] 526
Lappus nitidulus [3023] 229 526
Largus succinctus [3952] 367
Larropsis tenuicornis [980] 34
Lasioglossum cooleyi [5484] 526
Lasioglossum ruficorne [5485] 526
Lasioglossum sisymbrii [4903] 504 526
Lasioglossum spp. [544] 526
Lasioglossum trizonatum [5483] 526
Lasionycta perplexa [4752] 491
Lasiops septentrionalis [5318] 526
Lasioptera diplaci [4617] 440
Lasioptera spp. [3644] 291
Lasioptera tibialis [3643] 291
Lasius alienus americanus [1173] 36
Lasius niger [5427] 526
Lasius niger americanus [2555] 138
Lasius niger sitkaensis [400] 10 138
Lasius umbratus mixtus aphidicola [2560] 138
Laspeyresia prunivora [5666] 528
Lathosea dammersi [4718] 491
Lathosea spp. [4717] 491
Lebia cyanipennis [3007] 229
Lebia cyanipennis ruficollis [3008] 229
Lebia guttula [5158] 526
Lecaniodiaspis rufescens [5590] 528
Lecanium cerasifex [2466] 123 147 148
Lecanium corni [2976] 229 528
Lecanium persicae [5760] 528
Lecanium pruinosum [5705] 528
Lecanium spp. [2465] 123 147
Lepidanthrax spp. [5274] 526
Lepidocyrtus cinereus [777] 23
Lepidocyrtus curvicolis [776] 23
Lepidopsallus rubidus [382] 9
Lepidosaphes ceanothi [5635] 528
Lepidosaphes concolor [5607] 528
Lepidosaphes gloverii [4145] 372
Lepidosaphes machili [4105] 372
Lepidosaphes maskelli [4136] 372
Lepidosaphes ulmi [2463] 123 147 148 372 528
Leptacis spp. [1992] 98 421
Leptacmaeops cubitalis [4290] 399
Leptalia macilenta [4221] 385
Leptinotarsa decemlineata [5213] 526
Leptocera limosa [5293] 526
Leptocera spp. [1140] 36 411
Leptochilus rufoinodis [5532] 527
Leptocoris trivittatus [1915] 98

Leptogaster brevicornis [3091] 229
Leptoglossus clypealis [375] 9 526 528
Leptometopa halteralis [959] 32
Leptometopa latipes [2438] 526
Leptopterna ferrugata [5119] 526
Leptothorax ambiguus [814] 24
Leptothorax curvispinosus [4305] 402
Leptothorax curvispinosus rugatulus [2559] 138
Leptothorax furunculus [815] 24
Leptothorax nevadensis [401] 10 24
Leptothorax nevadensis eldoradensis [5420] 526
Leptothorax nitens [816] 24
Leptothorax pergandei [273] 8
Leptothorax rugatulus [817] 24 421
Leptothorax rugatulus rugatulus [5421] 526
Leptothorax spp. [534] 421
Leptothorax tricarinatus [1174] 36 323
Leptothrips heliomanes [3284] 279
Leptothrips larreae [3285] 279
Leptothrips mali [2935] 229 279
Leptothrips spp. [43] 2 393
Leptura gigas [4318] 405
Leptura pacifica [3764] 341
Lepturges vogti [3708] 314
Lepturges yucca [3709] 314
Lestes unguiculatus [5102] 526
Leucopis spp. [144] 8 98 147 224 421 526
Leucospis affinis affinis [5408] 526
Leucostoma aciostre [2274] 116
Leucostoma atterimum [1142] 36
Leucostoma simplex [698] 116 526
Leucostoma spp. [166] 8
Libytheana bachmanii [5027] 522
Lichtensia lycii [1758] 52
Ligurotettix coquilletti [5955] 294
Limenitis archippus [5075] 522
Limenitis arthemis [5009] 522
Limenitis lorquini [5033] 522
Limenitis weidemeyerii [5002] 522
Limonia candensis [5246] 526
Limoniuss maculicollis [3024] 229
Limoniuss spp. [3580] 419
Lina californica [4186] 373 528
Lina interrupta [4185] 373 528
Lina lapponica [4166] 373
Lina scripta [405] 12 373 528
Lindenius columbianus [981] 34
Lindingaspis rossi [4102] 372
Lindorus lophanthae [1730] 52
Lineaspis cupressi [4132] 372
Linsleya sphaericollis [5187] 526
Liometopum apiculatum luctuosum [4247] 393 420
Liorhyssus hyalinus [181] 8 52 415 416 417 424
Liosomaphis berberidis [2056] 99 528
Liosomaphis rhois [5789] 528
Liothrips corni [3271] 279
Liothrips dumosa [3273] 279
Liothrips gaviotae [3269] 279
Liothrips ilex [3272] 279 528
Liothrips ilex dumosa [5868] 528
Liothrips lepidus [3274] 279
Liothrips xanthocerus [3270] 279
Liotropis contaminatus [3950] 367 478
Liparidae spp. [1409] 590
Liposcelis spp. [2932] 229
Liriomyza brassicae [4428] 416 424
Liriomyza langei [4477] 419
Liriomyza munda [4429] 416 424
Liriomyza pusilla [3090] 229
Liriomyza spp. [688] 415 416
Lispa tentaculata [4516] 420
Lispe patellata [5314] 526
Listus interruptus [425] 98
Listus pardalis [3019] 229
Listus rubripes [1881] 98
Listus spp. [4553] 421
Litaneutria minor [1219] 36
Lithocolletis umbellulariae [1639] 40
Litholomia napaea [4804] 491
Lithomoia solidaginis [4782] 491
Lithophane antennata [4793] 491
Lithophane disposita [4799] 491
Lithophane georgii [4792] 491
Lithophane innominata [4800] 491
Lithophane pertorrida [4798] 491
Lithophane unimoda [4794] 491
Lithurgus apicalis [4355] 413 483
Lithurgus echinocacti [4353] 413 483
Lithurgus gibbosus [4354] 413
Lixus perforatus [4425] 416 424 528
Lobiopa undulata [2701] 147
Lochmaoeclis marmoratus [3817] 325
Lonchaea striatifrons [4338] 411
Lophoceramia artega [4758] 491
Lopidea bullata [1925] 98
Lopidea confluenta [3730] 323
Lopidea cuneata [3953] 367
Lopidea spp. [3486] 421 526
Lopidea ute [2532] 134
Lordotus gibbus [944] 32 36 323
Lordotus gibbus striatus [5267] 526
Lordotus pulcherrimus [945] 32
Loxostege spp. [2279] 116
Loxostege sticticalis [2224] 110
Luceria tranquilla [5681] 528
Lucilia sericata [4483] 420
Ludius inflatus [1876] 98 528
Luperodes melanolomatus [1723] 52
Luperodes nigrovirescens [5215] 526
Lycaeides argyrognomon [5062] 522
Lycaeides argyrognomon sublivens [5058] 522
Lycaeides melissa [5063] 522
Lycaena heteronea heteronea [5229] 526
Lycophotia margaritosa [34] 1 153 155 156
Lyctidae spp. [1349] 319
Lyctus linearis [5656] 528
Lyctus spp. [1643] 40
Lydina areos [2275] 116
Lygaeus analis [1743] 52
Lygaeus kalmii [1918] 98
Lygaeus kalmii kalmii [5125] 526
Lygus atriflavus [4364] 415 424
Lygus communis [4465] 419
Lygus desertinus [23] 41 52 90
Lygus desertus [5115] 526
Lygus distinguendus [2533] 134
Lygus elisus [381] 9 63 90 98 419 421 424 526
Lygus hesperus [24] 41 47 63 68 90 415 416 417 418 526
Lygus lineolaris [1667] 47
Lygus nigropallidus [5116] 526
Lygus nigrosignatus [4466] 419
Lygus robustus [4697] 490
Lygus sallei [2944] 229 528

Lygus shulli [4401] 416 526
Lygus spp. [6] 6 36 88 125 419 421
Lyonetia speculella [5647] 528
Lysiphlebus spp. [1969] 98
Lystridea nuda [4436] 417
Lystridea uhleri [2958] 229
Lytta auriculata [1738] 52
Lytta viridana [1112] 36 323
Lytta vulnerata [923] 29
Lytta vulnerata cooperi [5185] 526
Machimus occidentalis [5262] 526
Macrorhoptrus hispidus [3738] 323
Macrosiagon dimidiatum [5231] 526
Macrosiphoniella artemisiae [2027] 99
Macrosiphoniella frigidicola [2031] 99
143
Macrosiphoniella glabra [2052] 99
Macrosiphoniella ludoviciana [2028] 99
116 117
Macrosiphoniella sanborni [2286] 117
Macrosiphum albifrons [2109] 99 116 117
269
Macrosiphum ambrosiae [3174] 272
Macrosiphum anomellus [3168] 271
Macrosiphum artemisaphis [1001] 35
Macrosiphum artemisiae [5600] 528
Macrosiphum artemisiphilus [605] 17 271
Macrosiphum artemisvulgaris [3169] 271
Macrosiphum avenae [2646] 147
Macrosiphum californicum [2160] 99 528
Macrosiphum cefsmithi [1008] 35 117
Macrosiphum chrysanthemi [3172] 272
Macrosiphum coweni [606] 17 37 98 269
271 526
Macrosiphum dirhodum [1227] 37
Macrosiphum escalantii [3173] 272
Macrosiphum essigi [3170] 271
Macrosiphum euphorbiae [1014] 35 99 117
Macrosiphum filifoliae [607] 17 35 143
271
Macrosiphum frigidae [608] 17 271
Macrosiphum frigidicola [609] 17 271
Macrosiphum glabrum [2567] 143 272
Macrosiphum jonesi [610] 17 143 271
Macrosiphum laevigatae [3165] 269 398
Macrosiphum longipes [2566] 143 271
Macrosiphum ludoviciana [611] 17 271
528
Macrosiphum packi [1228] 37 272 406 439
455
Macrosiphum pisi [1674] 47
Macrosiphum pseudorosae [1229] 37 99
Macrosiphum purshiae [2647] 147 335
Macrosiphum raysmithi [4872] 498
Macrosiphum rosae [1046] 35 37 99 528
Macrosiphum rubiellum harpagorubus [4664]
469
Macrosiphum rudbeckiae [5612] 528
Macrosiphum solanifolii [1654] 44 47 528
Macrosiphum sporadicum [1230] 37 272 406
Macrosiphum spp. [1153] 36 323
Macrosiphum stanleyi [2181] 99 117
Macrosiphum timpanogos [2110] 99
Macrosiphum zerogutierrezis [1061] 35
272
Macrosiphum zerothermus [3171] 271
Macrosiphum zerotherum [1062] 35
Macrosiphum zionense [2111] 99
Macrosteles fascifrons [574] 61
Macrosteles spp. [5141] 526
Macrotylus verticalis [3958] 367
Maculolachnus rosae [1044] 35
Maculolachnus submacula [2149] 99
Madiza glabra [960] 32 526
Madiza halteralis [1902] 98
Madiza neglecta [1891] 98
Madiza spp. [4555] 421
Madremyia saundersii [1898] 98
Magdalis aenescens [1569] 40 528
Magdalis gracilis [2699] 147 528
Magdalis salicis [2584] 147
Malachius aeneus [2230] 115 116
Malachius horni [3014] 229
Malacopterus tenellus [2685] 147 373 405
Malacosoma californica [4156] 373 526
528
Malacosoma californicum [33] 1 40 123
147 148 226
Malacosoma californicum fragile [1777]
60 149 575
Malacosoma californicum lutescens [2459]
123
Malacosoma californicum pluviale [2460]
123 148 283 288 410
Malacosoma constrictum [2743] 148
Malacosoma disstria [1627] 40 115 116
147 148 354 373 528
Malacosoma fragile [2457] 122 150 154
156
Malacosoma fragilis [1787] 70 127 155
243 248 373 528
Malacosoma incurvum [1628] 40
Malacosoma pluvialis [4157] 373 528
Malacosoma spp. [1768] 56 140 335
Mallophorina martinorum [5263] 526
Mantidae spp. [1255] 47
Mantispa sayi [309] 8
Mantispa spp. [2982] 229
Marathyssa inficita [4723] 491
Margarodes hiemalis [1161] 36
Margarodes spp. [3967] 367
Margarodidae spp. [1306] 417
Maricopdynerus rudiceps [5437] 526
Marmara opuntiella [3126] 250 367 471
Marmopteryx animata [2622] 147
Marmopteryx marmorata [2665] 147
Martinapis luteicornis [4937] 504
Martyrhilda gracilis [4418] 416
Masonaphis azaleae [2302] 117
Masonaphis masoni [2303] 117
Matsucoccus acalyptus [1593] 40 393 454
Matsucoccus eduli [1594] 40
Matsucoccus monophyllae [1595] 40 393
Matsucoccus paucicatrices [4245] 393
Mayetiola rigidae [2706] 147
Mayetiola spp. (=Phytophaga) [36] 1 123
147 148 226
Mcateeana sexnotata [4658] 468
Mecas bicallosa [30] 41 116 386
Mecidea major [180] 8
Mecomycet omalinus [5182] 526
Medetera spp. [539] 526
Megacheuma brevipennis [4231] 386
Megacheuma brevipennis tiemanni [3747]
331
Megachile brevis [5569] 527
Megachile concinna [5570] 527
Megachile fucata [4930] 504
Megachile gemula [5571] 527
Megachile gentilis [4928] 504

Megachile lippiae [4929] 504
 Megachile manifesta [5510] 526
 Megachile mellitarsis [5514] 526
 Megachile montivaga [5572] 527
 Megachile nevadensis [5511] 526
 Megachile parallela parallela [5512] 526
 Megachile perihirta [5513] 526
 Megachile policariss [4931] 504
 Megachile pugnata pugnata [5515] 526
 Megachile rotundata [5573] 527
 Megachile sidalceae [4685] 483 504
 Megachile texana [289] 8 504
 Megacyllene antennata [1617] 40
 Megacyllene antennatus [5753] 528
 Megacyllene caryae [4319] 405
 Megalopsallus rubropictus [4560] 421
 Megalopsallus spp. [4548] 421
 Megalothrips picticornis [3294] 279
 Megandrena enceliae [4889] 504
 Megapenthes spp. [104] 8
 Megathrips hesperus [3295] 279
 Megathymus coloradensis [5099] 522
 Megathymus coloradensis browni [5101] 522
 Megathymus coloradensis navajo [5097] 522
 Megathymus streckeri [5100] 522
 Megathymus streckeri streckeri [5096] 522
 Megathymus streckeri texanus [5098] 522
 Megoroma frontalis [3909] 362
 Melalgus confertus [1556] 40
 Melanagromyza splendida [4430] 416 424
 Melanagromyza spp. [3189] 415 416 419
 Melanaspis obscura [4110] 372
 Melanips spp. [267] 8 229
 Melanochroia chephise [299] 8
 Melanocoryphus bicrucis [5126] 526
 Melanophila piniedulis [3674] 40 373 393
 Melanophrys flavipennis [5347] 526
 Melanophthalma villosa [3032] 229
 Melanophthalmus spp. [105] 8
 Melanoplus angustipennis [1819] 82 207 364 365
 Melanoplus arizonae [1837] 96
 Melanoplus bilituratus [1719] 51 54 199
 Melanoplus bivittatus [2735] 147 295 364 365 408
 Melanoplus borealis [3948] 365
 Melanoplus borealis junius [3931] 364 365
 Melanoplus bowditchi bowditchi [2897] 212 366
 Melanoplus bowditchi canus [3941] 364 425
 Melanoplus cinereus [2832] 174 416 419 528
 Melanoplus complanatus [2004] 98 416
 Melanoplus complanatus canonicus [4578] 421
 Melanoplus confusus [1820] 82 207 364 365
 Melanoplus cuneatus [1721] 51 54 59
 Melanoplus dawsoni [3932] 364 365 425
 Melanoplus desultorius [2815] 166
 Melanoplus devastator [2745] 155 156 237 424 459
 Melanoplus differentialis [1661] 47 55 170 184 364
 Melanoplus femurrubrum femurrubrum [3933] 364 365
 Melanoplus flavidus [3934] 364
 Melanoplus flavidus flavidus [3946] 365
 Melanoplus foedus [1210] 36 82 207 225 323 364 365
 Melanoplus gladstoni [1211] 36 80 96 323 364 365
 Melanoplus herbaceus [2816] 166
 Melanoplus infantilis [1778] 62 80 323
 Melanoplus keeleri [3935] 364
 Melanoplus keeleri luridus [3947] 365
 Melanoplus lakinus [1838] 96 364
 Melanoplus mexicanus [3453] 465
 Melanoplus mexicanus mexicanus [1701] 46 111 421
 Melanoplus packardii [1780] 62 364 365
 Melanoplus ponderosus ponderosus [2849] 184
 Melanoplus sanguinipes [1212] 36 58 59 62 80 156 225 287 295 323 340 364 365 366 415 416 499
 Melanoplus sanguinipes sanguinipes [2673] 147 526
 Melanoplus scudderi scudderi [3936] 364
 Melanoplus spp. [586] 98 335 417 421
 Melanoplus texanus [2853] 184
 Melanoplus yarrowii [2833] 174
 Melanostoma spp. [5278] 526
 Melanostoma stegnum [4495] 420
 Melanotrichus inconspicuus [1926] 98
 Melanotrichus spp. [1927] 98
 Melanoxantherium bicolor [615] 18
 Melanoxantherium flocculosum [5819] 528
 Melanoxantherium populifoliae [617] 528
 Melanoxantherium salicis [616] 18
 Melecta pacifica fulvida [1167] 36 323
 Melipotis fasciolaris [2758] 156
 Melipotis indomita [1794] 78 156 235 491
 Melipotis jucunda [4833] 491
 Melipotis novanda [4832] 491
 Melissodes agilis [3448] 526
 Melissodes dagosa [911] 27
 Melissodes nr. ochraea [2512] 125
 Melissodes nr. verbesinarum [260] 8
 Melissodes pallidicincta [4999] 521
 Melissodes paroselae [4938] 504
 Melissodes spp. [1714] 50 323
 Melissodes tristis [4939] 504
 Melissopus latiferrenaus [1621] 40
 Melitara dentata [2522] 127 156 163 178 192 301 302 367
 Melitara fernaldialis [4000] 367
 Melitara junctolinella [3999] 367 485
 Melitara prodenialis [2770] 156
 Melitara spp. [3132] 250 494
 Melittia gloriosa [5795] 528
 Meloe niger [1113] 36 323
 Meloe tinctus [3154] 261
 Meloidae spp. [1381] 6
 Melyridae spp. [1352] 415 417 418 419 424
 Membracidae spp. [1286] 156
 Merisinae spp. [1995] 98
 Mermiria maculipennis [1821] 82 366
 Mermiria maculipennis maculipennis [4653] 461
 Mermiria texana [4652] 461
 Merobruchus julianus [61] 8 244
 Merobruchus major [3120] 244

Merochlora faseolaria [2990] 229
Meromyza pratorum [5299] 526
Meromyza saltatrix [5300] 526
Meromyza spp. [148] 8 98 526
Mesagroicus spp. [1097] 36
Mesochorus spp. [3062] 229
Mesograpta marginata [2267] 116 526
Mesopolobus spp. [1183] 36 293 299 323
Mesostenus gracilis [5372] 526
Messa wuestneii [2719] 147
Mestobregma plattei [1213] 36
Mestobregma plattei corrugata [2891] 212
Metaponium convexicollis [3771] 331
Metaponium spp. [3887] 361
Metatephritis fenestrata [2757] 156 157 450
Metcalfa pruinosa [2882] 203
Meteorius hyphantriae [5360] 526
Metopolophum dirhodum [1012] 35
Metoponium nr. cognitum [136] 8
Micracis hirtellus [1702] 45 373
Micranurida pygmaea [740] 23
Microbracon melanaspiis [3071] 229
Microbracon spp. [3072] 229
Microcentrum rhombifolium [2828] 170
Microcephalothrips abdominalis [1222] 36 323
Microchaetina spp. [167] 8 36 98 323
Microchaetina valida [1144] 36 116 526
Microgaster comptanae [5362] 526
Microgaster ecdytolophae [2837] 175 402
Microlarinus lareynii [4392] 415 416 424
Microlarinus lypriformis [4396] 415 416
Microlepidoptera spp. [1540] 6
Microlipus franciscanus [3015] 229
Micromus subanticus [307] 8
Microphyllus spp. [2616] 147
Microplitis spp. [552] 229
Microrhopala rubrolineata [1724] 52 415 417 418
Microrhopala rubrolineata militaris [3841] 355
Microrhopala rubrolineata rubrolineata [3839] 355
Microrhopala rubrolineata signaticollis [3840] 355
Microrhopala spp. [1846] 98
Microrhopala xerene [4421] 416 419
Microsiphoniella acophorum [997] 35 99
Microsiphoniella artemisiae [999] 35 99
Microsiphoniella ludoviciana [1024] 35
Microsiphoniella oregonensis [1034] 35 99
Microsiphum acophorum [3121] 249 513
Microsiphum artemisiae [3122] 249 269 513
Microsiphum oregonensis [4969] 513
Microsynamma bohemani [2529] 134
Microtalis calva [242] 8 424
Mimesa gregaria [5444] 526
Mimorista flavidissimalis [3994] 367 391 451
Mimosestes amicus [62] 8 52 125
Mimosestes protractus [63] 8
Mineocapsus minimus [929] 31 180
Ministrymon leda [5067] 522
Minuticornis gravidus [666] 20
Minyomeres laticeps [347] 8
Minyomeres spp. [348] 8
Miodera stigmata [4754] 491
Miridae spp. [1235] 6 41 157 418
Mirini spp. [1979] 98
Misa cosyra [4698] 491
Mistharnophantia sonorana [236] 8
Mitostylus setosus [349] 8
Mitostylus tenuis [350] 8
Mitoura siva [5053] 522
Mitoura spinetorum [5226] 526
Mochlosoma illoca [5340] 526
Molorchus bimaculatus californicus [3809] 325
Moneilema annulata [2774] 156 447
Moneilema annulatum [3978] 367
Moneilema crassa [4238] 391 451
Moneilema crassum [3977] 367
Moneilema obtusa [3855] 361
Moneilema semipunctatum [3979] 367
Moneilema spoliatum [3980] 367
Moneilema spp. [1579] 40 367 494
Monochamus spp. [4268] 393
Monodontomerus montivagus [5397] 526
Monomorium minimum [274] 8 24 36 138 323 421
Monoxia apicalis [100] 8
Monoxia consputa [13] 6 115 116 147 526 528
Monoxia debilis [5232] 526
Monoxia elegans [705] 224
Monoxia guttulata [1847] 98
Monoxia puberula [101] 8
Monoxia puncticollis [5608] 528
Monoxia sordida [1848] 98
Monoxia spp. [4532] 421
Mordella atrata [5190] 526
Mordella melaena [119] 8
Mordellidae spp. [1379] 6 334
Mordellistena aspersa [4537] 421
Mordellistena commata [4570] 421
Mordellistena sericans [5191] 526
Mordellistena spp. [120] 8
Morsea californica duminicola [2807] 166
Mosillus bidentatus [5304] 526
Mozena obtusa [2485] 125 127 156
Mozena spp. [1665] 47 156
Mucrotrichaphis albicornus [3108] 240
Mucrotrichaphis anomellus [3109] 240
Mucrotrichaphis flavilla [3111] 240
Mucrotrichaphis toti [3107] 240
Mucrotrichaphis zerohypsi [3110] 240
Multareis cornutus [3652] 297 506
Multareoides bifurcatus [3654] 297 506
Multareoides digitatus [4959] 506
Multareoides planifrons [4960] 506
Murgantia histrionica [4365] 415 416
Muscina assimilis [5319] 526
Muscina stabulans [5320] 526
Mutilla orcus [4491] 420
Mutillidae spp. [1508] 47 67 161
Myeloborus keeni [4067] 371
Myelopsis conielia [2669] 147
Mylabris protractus [5758] 528
Mylabris pruininus [3052] 229 528
Mylabris uniformis [5757] 528
Myrmecocystus depilis [275] 8
Myrmecocystus mexicanus navajo [4543] 421
Myrmecocystus mimicus [276] 8
Myrmecocystus spp. [4544] 421
Myrmex lineata [351] 8
Myrmex lineata knowltoni [2312] 118

Myrmex lineata lineata [5220] 526
Myrmex lineolata [2452] 120
Myrmex nr. lineata [352] 8
Myrmex spp. [353] 8 66
Myrmica americana [818] 24 323
Myrmica hamulata [819] 24
Myrmica monticola [820] 24
Myrmica sabuleti americana [1175] 36
Myrmica spatulata [821] 24
Myrmica spp. [1176] 36 138
Mythicomys spp. [640] 32 98 421 526
Myzinum quinquecinctum [1185] 36 323
Myzocallis alhambra [2245] 116
Myzocallis bellus [2304] 117
Myzocallis coryli [2088] 99
Myzocallis discolor [2123] 99 239
Myzocallis discolor coloradensis [3162] 269
Myzocallis maureni [2241] 116
Myzocallis punctatus [2124] 99
Myzus ascalonicus [2184] 99
Myzus braggi [5676] 528
Myzus calangei [2305] 117
Myzus circumflexum [5624] 528
Myzus convolvuli [4665] 469
Myzus houghtonensis [5718] 528
Myzus ornatus [2178] 99
Myzus persicae [1675] 47 99 117 416 528
Myzus rhamni [5855] 528
Myzus ribifolii [5717] 528
Myzus ribis [3972] 368 528
Nabis alternatus [25] 9 41 98 421 526
Nabis ferus (=americoferus Carayon) [727] 21 47 414
Nabis spp. [11] 6 157
Napomyza lateralis [4679] 477
Narnia femorata [3961] 367 528
Narnia inornata [3124] 250 310 367 528
Narnia pallidicornis [3963] 367 451
Narnia snowi [3964] 367 528
Neacoryphus bicrucis [2501] 125 323
Neanura persimilis [2528] 133
Neanura serrata [741] 23
Nearctaphis bakeri [2091] 99
Nearctaphis crataegifoliae [1011] 35 99 117
Nearctaphis kachena [2065] 99
Nearctaphis sensoriata [2014] 99
Neaspilota brunneostigmata [4022] 370
Neaspilota signifera [4038] 370
Neaspilota spp. [174] 8 323
Necremnus spp. [438] 26
Necydalis cavipennis [4180] 373
Necydalis diversicollis [2686] 147
Neduba carinata [4202] 383
Neduba castanea [4211] 383
Neides muticus [5124] 526
Neltumius arizonensis [3159] 264
Neltumius gibbothorax [3158] 264
Nematocampa filamentaria [2610] 147
Nematus chalceus [2720] 147
Nematus occidentalis [2721] 147
Nematus oligospilus [2722] 147
Nemognatha lurida [924] 29
Nemognatha lutea dichroa [5188] 526
Nemognatha nigripennis [5189] 526
Nemognatha spp. [706] 115
Nemorilla floralis [1899] 98
Nemorilla pyste [2500] 125
Nemotelus communis [919] 28 32
Nemotelus spp. [163] 8
Neocatolaccus spp. [877] 26
Neoclytus abbreviatus [4321] 405
Neoclytus balteatus [4225] 386 528
Neoclytus caprea [1618] 40 373
Neoclytus conjunctus [5745] 528
Neoclytus mucronatus [4320] 405
Neoclytus resplendens [4222] 385
Neocoelidia obscura [2962] 229
Neocoelidia spp. [2651] 147
Neodiploptoxa pulchripes [149] 8
Neodiprion eduliculus [1591] 40
Neodiprion rowheri [4162] 373 393
Neodiprion spp. [4250] 393
Neoheegeria verbasci [3286] 279
Neokolla gothica [2960] 229
Neolasioptera spp. [2383] 415 416 418
Neolasioptera willistoni [3642] 291
Neophilaenus lineatus [1956] 526
Neopinnaspis harperi [4116] 372
Neoplatypedia constricta [3119] 242 421
Neosteles neglectus [4552] 421
Neosymydobius albasiphus [2125] 99 116 117
Neosymydobius intermedius [2061] 99
Neotephritis finalis [484] 32 98 370 526
Neothomasia populicola [3151] 258
Neothomasia salicinigra [3149] 258 505
Neothomasia utahensis [3150] 258
Neotiphia spp. [3726] 323
Neotylopterus pallidus [4232] 388
Nephus intrusus [329] 8
Nepticula ceanothi [2885] 195 528
Nepticula punctulata [5642] 528
Neurocolpus arizonae [1746] 52 125
Neuroterus decipiens [5875] 528
Neuroterus saltatorius [5765] 528
Neurothrips magnafemoralis [3287] 279
Niesthrea sidae [2511] 125
Nilotaspis halli [4100] 372
Nocibiotes granulatus [2216] 102
Nocibiotes rubripes [2217] 102
Noctuidae spp. [1407] 6 116 153 229 421 531
Nomada spp. [5516] 526
Nomadopsis foleyi [4900] 504
Nomadopsis larreae [4901] 504
Nomia mesillensis [4913] 504
Nomia spp. [4603] 435
Nomia tetrazonata tetrazonata [4914] 504
Norvellina clarivada [4566] 421
Norvellina pulchella [217] 8
Norvellina texana [2506] 125
Noserus spp. [5364] 526
Notolophus antiqua [4154] 373 528
Notoxus serratus [5195] 526
Notoxus spp. [53] 8
Novomessor cockerelli [277] 8 102
Nowickia latigena [5341] 526
Nowickia nitida [5343] 526
Nowickia piceifrons [5342] 526
Nymphalis antiopa [2235] 115 116 123 147 148 522 526
Nymphalis californica [1547] 40 70 123 147 148 234 522
Nymphalis vaualbum [5092] 522
Nysius angustatus [2631] 147
Nysius californicus [1833] 91 421
Nysius ericae [1666] 47 52 98 421 526
Nysius monticola [1744] 52
Nysius raphanus [1919] 98 416 417 418 424 526

Nysius spp. [427] 323 362
 Nysius tenellus [1920] 98 229 416 424
 526
 Oberea quadricallousa [2687] 147 399 528
 Obtusicauda albicornus [2032] 99
 Obtusicauda anomella [2033] 99
 Obtusicauda artemisicola [1000] 35 99
 116 117
 Obtusicauda artemisiphila [2034] 99
 Obtusicauda artemisiphilum [1002] 35
 Obtusicauda cefsmithi [2035] 99
 Obtusicauda coweni [1010] 35 99 117
 Obtusicauda essigi [1016] 35 99
 Obtusicauda filifoliae [2036] 99
 Obtusicauda flavila [2037] 99
 Obtusicauda frigidae [1019] 35 99
 Obtusicauda jonesi [2038] 99 117
 Obtusicauda spp. [1031] 35
 Obtusicauda zerohypsi [2039] 99 117
 Obtusicauda zerotherum [2040] 99
 Occidryas chalcedona paradoxa [5094] 522
 Ocerometopus nigriclavus [3954] 367
 Ochloides sylvanoides sylvanoides [5223]
 526
 Ochsosidia arizonica [1695] 47
 Ochthera mantis [5296] 526
 Odinia xanthocera [2843] 176
 Odontomyia inaequalis [920] 28
 Odontomyia inaequalis communis [938] 32
 Odontomyia tumida [939] 32
 Odontophotopsis pudica [5419] 526
 Odontothrips lati [20] 4
 Oecanthus argentinus [4362] 415 416 419
 Oecanthus californicus [2284] 116 416
 424
 Oecanthus californicus pictipennis [2899]
 212
 Oecanthus nigricornis [2005] 98
 Oecanthus nigricornis argentinus [2239]
 115 116 119
 Oecanthus niveus [2285] 116
 Oecanthus quadripunctatus [1220] 36 323
 526
 Oecleus decens [1679] 47
 Oecleus fulvidorsum [4529] 421
 Oecleus nolinus [229] 8
 Oecleus spp. [2948] 229
 Oeclidius nanus [240] 8 421
 Oedaleonotus enigma [2674] 147 174 237
 Oedaleothrips jacksoni [3296] 279
 Oedaleothrips yosemitae [5107] 526
 Oedionychus spp. [1725] 52
 Oeme costata [3671] 40
 Oestlundia maxima [2306] 117
 Ogdoconta cinereola [4813] 491
 Oidaematophorus confusus [2995] 229
 Oidaematophorus grandis [2996] 229 528
 Oidaematophorus grisescens [2237] 115
 526 528
 Oidaematophorus inconditus [4459] 418
 Oidematophorus monodactylus [5609] 528
 Oiketicus spp. [1614] 40
 Oiketicus townsendi [5842] 528
 Oinophila v-flavum [3006] 229
 Okanagana bella [3115] 242 526
 Okanagana fumipennis [3118] 242
 Okanagana gracilis [3114] 242
 Okanagana luteobasalis [3116] 242
 Okanagana magnifica [4251] 393
 Okanagana rimosa [3740] 324
 Okanagana spp. [1596] 40
 Okanagana striatipes [1949] 98 242
 Okanagana utahensis [3117] 242
 Okanagana vanduzeei [2950] 229 242
 Olcella spp. [465] 526
 Olesicampe spp. [1181] 36
 Olethreutes compestrana [5867] 528
 Olethreutidae spp. [1393] 263 421
 Oliarus spp. [230] 8 421
 Olibrus rufipes [2319] 526
 Olibrus spp. [122] 8
 Olicarus dondonius [1950] 98
 Oligodranes spp. [716] 526
 Oligotrophus betheli [4152] 373 440
 Olla abdominalis [327] 8 125 276
 Olyca junctolineela [4639] 451
 Olycella junctolineela [2771] 156 250
 301 524
 Olycella subumbrella [3657] 301
 Omalus variatua [897] 26
 Omphrale nubilipes [1904] 98
 Oncideres cingulata [2821] 169
 Oncideres pustulata [1541] 40 169 405
 530
 Oncideres pustulatus [4149] 373 528
 Oncideres putator [2486] 125 156
 Oncideres quercus [2820] 169
 Oncideres rhodosticta [1616] 40 79 81
 127 156 169 316 382 574 587
 Oncideres texana [2819] 169 172 241
 Oncideres trinodatus [4148] 373 528
 Oncocnemis spp. [4722] 491
 Oncopeltus fasciatus [2502] 125
 Onodiplosis sarcobati [3133] 251
 Onychiurus armatus [742] 23
 Onychiurus fimetarius [743] 23
 Onychiurus ramosus [744] 23
 Onychobaris mystica [3989] 367
 Onychogonia magna [5354] 526
 Ooencyrtus clisiocampae [3838] 354
 Opeia obscura [1214] 36 80 323 364
 Opetiophora straminea [150] 8
 Ophiola clavata [4567] 421
 Ophiomyia atriplicis [3597] 281
 Ophion spp. [5393] 526
 Ophryastes latirostris [354] 8
 Ophryastes sordidus [3865] 361
 Ophryastes spp. [355] 8 361 418
 Ophryastes sulcirostris [2369] 361
 Ophryastes tuberosus [1098] 36
 Opilus spp. [1972] 98 229
 Opsius clarivagus [3148] 256
 Opsius stactogalus [218] 8 47
 Orasema viridis [1171] 36
 Orellia occidentalis [4014] 370
 Orellia ruficauda [4059] 370
 Orellia undosa [4021] 370
 Orgerius minor [4530] 421
 Orgilus spp. [695] 33 36 98 323 526
 Orgyia antiqua [1638] 40
 Orgyia spp. [1624] 40
 Orgyia vetusta [3925] 362 419
 Orgyia vetusta gulosa [1548] 40 122 123
 147 151 226
 Orius tristicolor [5] 6 21 31 98 421 526
 Ormenis saucia [2508] 125 416 417 418
 424
 Ormenis yumana [1681] 47
 Ormyrus spp. [4280] 394
 Orothrips kelloggi [5631] 528
 Orothrips kelloggi yosemiti [5713] 528
 Orphilus niger [5174] 526

Orphulella speciosa [3937] 364
Orthellia caesarion [2498] 125 526
Orthezia annae [1759] 52 127 211 337 509 528
Orthezia artemisiae [925] 29 148 509 528
Orthezia ferrisi [4453] 418
Orthezia juniperi [4963] 509
Orthezia nigrocincta [5690] 528
Orthezia sarcobati [2311] 117 509
Orthezia spp. [2917] 224 362 421 503
Orthochoriolaus chihuahuae [3787] 325
Orthodes crenulata [4756] 491
Ortholomus scolopax [5127] 526
Orthopelma californicum [4277] 394
Orthops scutellatus [5117] 526
Orthosia praeses [4776] 491
Orthotylus spp. [429] 526
Oryzaephilus surinamensis [1817] 81
Osbornellus borealis [2652] 147
Osbornia arborea [2576] 145
Oscinella frit nitidissima [1892] 98
Oscinella nitidissima [5297] 526
Oscinella spp. [639] 98 393 421
Osmia brevis brevis [5509] 526
Osmia clarescens [4925] 504
Osmia indepressa [5508] 526
Osmia integra [3729] 323
Osmia kincaidii [5574] 527
Osmia marginata [4926] 504
Osmia marginipennis [5506] 526
Osmia montana montana [5507] 526
Osmia spp. [4602] 435 526
Osmia titusi [4927] 504
Osmidus guttatus [3794] 325
Otosema odora [4839] 491
Ovatus crataegarius [2089] 99
Oxoplus corallinus [409] 12 116 261
Oxoplus jocosus [4293] 399
Oxybelus argenteopilosum [5464] 526
Oxybelus emarginatus [982] 34 526
Oxybelus similis [5465] 526
Oxybelus spp. [295] 8
Oxybelus uniglumis [983] 34
Oxycnemis spp. [4716] 491
Oxyna aterrima [2482] 370
Oxyna palpalis [1909] 98 370
Oxyna utahensis [954] 32 98 370
Oxythrips pinicola [1580] 40
Ozamia fuscomaculella [3125] 250
Ozamia lucidalis [3998] 367
Ozognathus cornutus [3046] 229 362
Pacarina puella [2507] 125
Pachybrachis autolytus [1083] 36
Pachybrachis bivittatus [2350] 528
Pachybrachis caelatus [5209] 526
Pachybrachis calidus [5859] 528
Pachybrachis donneri [5828] 528
Pachybrachis hybridus [3048] 229 528
Pachybrachis livens [5829] 528
Pachybrachis melanostictus [1849] 98 335 526 528
Pachybrachis mercurialis [5210] 526
Pachybrachis nero [102] 8
Pachybrachis peccans [1850] 98
Pachybrachis prosopis [5755] 528
Pachybrachis spp. (=Pachybrachys spp.) [4533] 421 526
Pachybrachis vacillatus [5211] 526
Pachybrachis vau [310] 8 526
Pachybrachys lustrans [5638] 528
Pachybrachys spp. (=Pachybrachis spp.) [311] 8 52 147 229 421
Pachypsylla celtidismamma [5643] 528
Pachypsylla venusta [1962] 98
Pachysphinx modesta [5838] 528
Pagaronia triunata [2959] 229
Palloptera jucunda [5292] 526
Pallulaspis ephedrae [4115] 372
Palonica pyramidata [4147] 526
Palthis angulalis [4855] 491
Pandemus pyrusana [2914] 222
Pangeaus congruus [1145] 36
Pantomorus cervinus [4426] 416
Pantomorus elegans [356] 8
Pantomorus godmani [5582] 528
Pantomorus obscurus [357] 8
Papaipema pertincta [4821] 491
Papilio bairdii [2867] 191 522
Papilio dardanus [4874] 500
Papilio daunus [5650] 528
Papilio eurymedon [2865] 191 528
Papilio glaucus [4875] 500 565
Papilio indra [5018] 522
Papilio indra fordii [2220] 107 245
Papilio indra indra [2866] 191
Papilio oregonius [2868] 191
Papilio rudkini [2221] 107 191
Papilio rutulus [1697] 47 528
Papilio spp. [4876] 500
Parabacillus coloradus [2888] 212
Parabolocratus spp. [1158] 36 98 323 526
Paracantha cultaris [4032] 370
Paracantha gentilis [4041] 370
Paracantha gentilis [5289] 526
Paracyphononyx funerus [901] 26
Paracyrtophyllus excelsus [2925] 228
Paradejeania rutilioides [2261] 116
Paradidyma singularis [5349] 526
Paradidyma spp. [168] 8
Paragus tibialis [2390] 526
Paraidemona punctata [2852] 184
Paralimna punctipennis [153] 8
Paramuscopteryx genalis [3092] 229
Paranaemia vittigera [845] 25
Parancistrocerus acarigaster [5533] 527
Parancistrocerus acarophorus [5534] 527
Parancistrocerus spp. [5436] 526
Parancistrocerus toltecus [5535] 527
Parandra marginicollis marginicollis [3780] 325
Paraneotermes simplicicornis [1619] 40
Paranoplium gracile gracile [3789] 325
Paraphlepsius apertinus [2969] 229
Paraphlepsius occidentalis [2970] 229
Paraphlepsius spp. [2653] 147
Parasierola spp. [264] 8
Parategetica pollenifera [3830] 327
Paratiphia mitchelli [296] 8
Paratiphia spp. [2002] 98 526
Paratrechina spp. [278] 8
ParatRIOza cockerelli [1682] 47 116 254 421
ParatRIOza maculipennis [5633] 528
Pardalophora apiculata [1822] 82
Pardalophora haldemanii [3938] 364
Parlatoreopsis chinensis [4082] 372
Parlatoria camelliae [4084] 372
Parlatoria oleae [4090] 372
Parlatoria pergandii [4124] 372
Parlatoria pittospori [4096] 372

Parlatoria proteus [4078] 372
 Parlatoria theae [4111] 372
 Paroxyna americana [4054] 370
 Paroxyna clathrata [2483] 370
 Paroxyna corpulenta [4053] 370
 Paroxyna murina [1831] 91 370
 Paroxyna occidentalis [955] 32 323
 Paroxyna pygmaea [956] 32
 Paroxyna spp. [958] 32 98 147
 Paroxyna steyskali [957] 32
 Parthenicus baccharidis [1747] 52
 Parthenicus brunneus [2945] 229
 Parthenicus spp. [1928] 98 415 416 421 424
 Parthenothrips dracaenae [5594] 528
 Parydra nitida [5295] 526
 Passaloecus annulatus [2000] 98
 Pediodectes bruneri [4214] 383
 Pediodectes haldemanii [2846] 181
 Pediodectes spp. [4213] 383
 Pedius inconspicuus flavidus [3022] 229
 Pegomya hyoscyami betae [5311] 526
 Pelecomalium puberulum [5160] 526
 Pelecyphorus densicollis [1790] 76 198 404
 Pelecyphorus haruspex [3888] 361
 Pelecyphorus spp. [2878] 198
 Peleteria bryanti [5344] 526
 Peleteria campestris [2276] 116
 Peleteria malleola [5345] 526
 Peleteria spp. [637] 420 526
 Pemphredon errans [5549] 527
 Pemphredon giffardi [5550] 527
 Pentaria trifasciata [5193] 526
 Pentatomidae spp. [1282] 6 122
 Pentatrichopus thomasi [2307] 117
 Pepsis chrysothemis [1685] 47
 Pepsis formosa [4518] 420
 Perdita aemula [5482] 526
 Perdita covilleae [4891] 504
 Perdita eremica [4894] 504
 Perdita flavipes [4890] 504
 Perdita ignota [255] 8
 Perdita larreae [4897] 504
 Perdita lateralis lateralis [4896] 504
 Perdita luciae decora [4895] 504
 Perdita luteola [909] 27 36 323
 Perdita marcialis [4898] 504
 Perdita munda [906] 27
 Perdita nr. lacteipennis [256] 8
 Perdita nr. stottleri [257] 8
 Perdita parilis [907] 27
 Perdita punctulata [4892] 504
 Perdita salicis imperialis [905] 27
 Perdita semiaerulea [4893] 504
 Perdita similis [908] 27
 Perdita spp. [1718] 50
 Perdita turgiceps [4899] 504
 Perdita wyomingensis segona [5493] 526
 Perdita zebrata [3506] 323
 Pergama radiosaria [300] 8
 Peribalus limbolaris [5137] 526
 Periclistus piceus [4624] 444
 Pericoma californica [5247] 526
 Peridroma margaritosa [2986] 229
 Peridroma saucia [4417] 416 419 424
 Perilampus capitatus [1990] 98
 Perilampus spp. [887] 26
 Perillus splendidus [2937] 229
 Perillus spp. [5138] 526
 Perimegatoma jaynei [3031] 229
 Periphyllus americanus [2009] 99 116 117
 Periphyllus brevispinosus [2010] 99
 Periphyllus lyropictus [1655] 44
 Periphyllus macrostachyae [1224] 37 44 116 398
 Periphyllus utahensis [1223] 37
 Periploca ceanothiella [2871] 195 247
 Periploca spp. [3924] 362
 Periscepsia helymus [3201] 526
 Periscepsia laevigata [1143] 36
 Perisierola cellularis [5417] 526
 Peritaxia spp. [358] 8
 Peritrechus saskatchewanensis [935] 31
 Perixerus gloriosus [2813] 166
 Pero mcdunnoughi [3919] 362
 Petrova albicapitana arizonensis [3670] 40
 Petrova monophylliana [1610] 40 373
 Petrova spp. [3767] 343
 Phaenicia sericata [2497] 125 526
 Phaeogenes arogae [5373] 526
 Phaeogenes spp. [1986] 98
 Phaeogenes walshiae walshiae [4299] 402
 Phalacrus penicillatus [5203] 526
 Phalacrus spp. [123] 8 36 323 8
 Phalonia spp. [4384] 415 419
 Phaonia spp. [2860] 176 420
 Pheidole spp. [279] 8 104 138
 Pheidole vinelandica longula [2553] 138
 Pheletes canus [1877] 98
 Phenacoccus alleni [3905] 362
 Phenacoccus artemisiae [5601] 528
 Phenacoccus colemani [5149] 526 528
 Phenacoccus dearnessi [2586] 147 528
 Phenacoccus defectus [926] 29
 Phenacoccus eriogoni [2656] 147
 Phenacoccus eschscholtziae [5150] 526
 Phenacoccus gossypii [247] 8 415 417 419
 Phenacoccus helianthi [248] 8 418
 Phenacoccus solani [4376] 415 416 419 424
 Phenacoccus solenopsis [3906] 362 415 416 417 418 528
 Phenacoccus spp. [2520] 126 417
 Pherbellia vitalis [5291] 526
 Phigalia plumogeraria [2524] 131 152 226
 Philanthus anna [5456] 526
 Philanthus multimaculatus [984] 34
 Philanthus politus [5476] 526
 Philanthus politus pacificus [5457] 526
 Philanthus spp. [1184] 36 323
 Philaronia bilineata [625] 323
 Philibostroma quadrimaculatum [1215] 36
 Philolithus densicollis [3713] 322 347
 Philolithus pantex [4219] 384
 Philonthus politus [5161] 526
 Philonthus spp. [5162] 526
 Philophuga amoena [1842] 98
 Philophuga viridis [74] 8
 Philotes battoides [5230] 526
 Philya californica [2954] 229
 Philygria debilis [538] 98 224 526
 Phlaeothrips armiger [3289] 279
 Phlaeothrips coriaceus [3293] 279
 Phlaeothrips costano [3292] 279
 Phlaeothrips lissonotus [3291] 279
 Phlaeothrips nodicornis [3288] 279
 Phlaeothrips salicacearum [3290] 279
 Phlepsius extremus [3147] 256
 Philibostroma quadrimaculatum [1798] 80 323

Phloeosinus furnissi [1575] 40
Phloeosinus hoferi [1576] 40
Phloeosinus scopulorum [4168] 373
Phloeosinus serratus [1577] 40
Phloeosinus spp. [1574] 40
Phloeosinus utahensis [4167] 373
Phlogophora periculosa [4857] 491
Phoebis philea [5017] 522
Phoebis sennae [5015] 522
Phoegenes spp. [3063] 229
Phoetaliotes nebrascensis [3939] 364 365 501
Pholisora catallus [5225] 526
Pholus achemon [5693] 528
Phormia regina [1888] 98 116 526
Phorocera claripennis [4676] 475
Phorodon humuli [1656] 44 99
Photopsis spp. [2201] 102
Phthiria spp. [946] 32 36 323 526
Phyciodes phaon [5054] 522
Phygadeuon spp. [5369] 526
Phyllaphis quercifoliae [5869] 528
Phyllobaenus discoideus [319] 8
Phyllobaenus occidentalis [3021] 229
Phyllobaenus scaber [5175] 526
Phyllobaenus scabra [3020] 229
Phyllobaenus spp. [1085] 36
Phyllobaenus subfasciatus [3736] 323
Phyllocolpa spp. [2723] 147 526
Phyllonorycter apicinigrella [4159] 373 528
Phyllonorycter crataegella [5662] 528
Phyllonorycter incanella [4160] 373
Phyllonorycter salicifoliella [4158] 373 528
Phyllophaga fusca [5822] 528
Phyllophaga rugosa [5823] 528
Phyllophaga spp. [1120] 36
Phyllopidea picta [512] 98 526
Phyllopidea spp. [1929] 98 421
Phyllotreta albionica [1851] 98 526
Phyllotreta spp. [312] 8 125 421 424
Phyllotrox canyonaceris [3768] 344
Phylloxera salicola [5814] 528
Phymata americana coloradensis [5121] 526
Phymata borica [930] 31
Phymata pennsylvanica [5140] 526
Phymata pennsylvanica coloradensis [931] 31
Phymatidae spp. [1271] 6
Phymatodes blandus [2688] 147 528
Phymatodes decussatus decussatus [3810] 325
Phymatodes fasciapilosus [5692] 528
Physetoporus grossulus [4348] 411
Physocephala burgessi [5284] 526
Physocephala texana [2397] 526
Physoconops fronto [5283] 526
Phytobia jucunda [4431] 416 424
Phytobia spp. [509] 415
Phytocoris canescens [4402] 416 417
Phytocoris interspersus [2534] 134
Phytocoris laevis [2535] 134
Phytocoris spp. [428] 418 526
Phytocoris vividus [1748] 52
Phytomyza albiceps [4680] 477
Phytomyza atricornis [1886] 98
Phytomyza chrysanthemi [4681] 477
Phytomyza synegenesiae [4432] 416
Phytophaga painteri [4294] 400
Phytophaga spp. (=Mayetiola) [1769] 56 98 122 140 156 157
Phytophaga texana [4295] 400
Phytophaga timberlakei [3142] 251
Phytophaga wellsi [3141] 251
Piesma cinereum [4405] 416
Piesma explanata [4563] 421
Piesma rugulosa [1753] 52
Pilophorus clavatus [383] 9
Pimpla sanguinipes erythropus [5365] 526
Pimplopterus spp. [3064] 229 526
Pineus coloradensis [1585] 40 373
Pinnaspis aspidistrae [4120] 372 528
Pinnaspis buxi [4121] 372
Pinnaspis strachani [4118] 372
Pinyonia edulicola [1590] 40 285 363 395
Piosoma setosa [1071] 36
Pisema depressa [4562] 421
Pisonopsis birkmanni [5551] 527
Pitedia linguata [5135] 526
Pitedia sayei [8] 6
Pitedia uhleri [5136] 526
Pityococcus ferrisi [1597] 40
Pityococcus rugulosus [1598] 40
Pityogenes knechteli [3672] 40
Pityokteines ornatus [4060] 371
Pityophilus barbatus [4263] 393
Pityophthorus agnatus [4254] 393
Pityophthorus blandus [4068] 371
Pityophthorus comptus [4255] 393
Pityophthorus confertus [4069] 371
Pityophthorus deletus [4256] 393
Pityophthorus digestus [4070] 371 393
Pityophthorus grandis [4071] 371
Pityophthorus immanis [4257] 393
Pityophthorus infulatus [4258] 393
Pityophthorus inquietus [4259] 393
Pityophthorus modicus [4061] 371
Pityophthorus mollis [4260] 393
Pityophthorus monophyllae [4072] 371
Pityophthorus ornatus [4261] 393
Pityophthorus punctifrons [4073] 371
Pityophthorus schwarzi [4262] 393
Pityophthorus singularis [4074] 371
Pityophthorus spp. [1600] 40
Pityophthorus tuberculatus [4075] 371
Pityophthorus virilis [412] 12
Placosternus difficilis [77] 8 405
Placosternus erythropus [3811] 325
Plagia americana [4574] 421
Plagiognathus spp. [3477] 335
Plagiomerus diaspidis [4968] 516
Plagiomimicus pityochromus [4816] 491
Plagiomorpha arizonae [1726] 52
Plagiotrichus chrysolepidicola diminuens [5876] 528
Platycerus oregonensis [5628] 528
Platycerus piceus marginalis [5164] 526
Platygaster californica [3646] 293 299
Platygaster lampronota [3647] 293 299
Platygaster pini [3601] 285 343 401
Platygaster spp. [501] 98 229 285 293 299 363 421
Platygaster utahensis [446] 26
Platylyra californica [2928] 229
Platymetopius fuseifrons [3965] 367
Platynota stultana [4386] 415 416 418 424
Platypalpus trivialis [4481] 420

Platypedia lutea [4568] 421
Platypedia minor [5610] 528
Platypedia putnami [2618] 147 242 367 393
Platypedia putnami lutea [3739] 324
Platypedia spp. [2630] 147 229
Platypolia contadina [4787] 491
Platyptilia spp. [4448] 416
Platysenta discistriga [4814] 491
Platysenta spp. [4815] 491
Platysoma punctigerum [4271] 393
Plebejus acmon [5052] 522
Plebejus acmon lutzi [1197] 36 323 522
Plebejus icarioides [2886] 209 522 537
Plebejus icarioides missionensis [3099] 232
Plebejus icarioides pheres [3098] 232
Plebejus shasta [5064] 522
Pleotrichophorus acanthovillus [996] 35 99 116
Pleotrichophorus brevinectarius [2050] 99
Pleotrichophorus decampus [2041] 99
Pleotrichophorus elongatus [1013] 35 99 116
Pleotrichophorus filifoliae [2053] 99
Pleotrichophorus glandulosa [2020] 99
Pleotrichophorus gregarius [1020] 35 99 116 117
Pleotrichophorus heterohirsutus [2042] 99 117
Pleotrichophorus infrequens [1023] 35 99
Pleotrichophorus longinectarius [2026] 99
Pleotrichophorus longipes [2043] 99 117
Pleotrichophorus magnautensus [2080] 99 117
Pleotrichophorus neosporadicus [2068] 99
Pleotrichophorus obscuratus [4873] 498
Pleotrichophorus oestlundii [1032] 35 99 116 117
Pleotrichophorus packi [1035] 35 99 116
Pleotrichophorus packi brevis [2069] 99
Pleotrichophorus palmerae [2070] 99 116 117
Pleotrichophorus pseudoglandulosus [1037] 35 36 99 116 117 323
Pleotrichophorus pullus [2044] 99 116
Pleotrichophorus pycnorhysus [1041] 35 99
Pleotrichophorus quadritrichus [1042] 35 99
Pleotrichophorus quadritrichus pallidus [2045] 99
Pleotrichophorus spatulavillus [2046] 99
Pleotrichophorus sporadicum [1052] 35 117
Pleotrichophorus sporadicus [2071] 99 116
Pleotrichophorus spp. [678] 35
Pleotrichophorus tetradymiae [2187] 99 124
Pleotrichophorus utahensis [1056] 35 99
Pleotrichophorus utensus [2308] 117
Pleotrichophorus wasatchii [1059] 35 99 117 415 416 419 424
Pleotrichophorus xerozoous [1060] 35
Pleotrichophorus zerozoous [2072] 99
Pleotrichophorus zoomontanus [2021] 99
Plusia aereoides [4822] 491
Plusiotis beyeri [5766] 528
Pnigalio flavipes [3598] 282
Pocalto grandicollis [1883] 98
Podabrus falli [5172] 526
Podabrus macer [3010] 229
Podabrus modulatus [3011] 229
Podabrus pruinus [3009] 229
Podabrus pruinus diversipes [5173] 526
Podalonia communis [5446] 526
Podalonia luctuosa [5447] 526
Podalonia mexicana [3532] 526
Podalonia occidentalis [5448] 526
Podisus acutissimus [2503] 125
Podosesia syringe [5792] 528
Podosesia syringe syringe [1828] 89
Poecilanthrax arethusa [1134] 36 323
Poecilanthrax sackenii sackenii [947] 32
Poecilanthrax willistoni [948] 32
Poecilobrium chalybeum [3808] 325 399
Poecilonota ferrea [4325] 407
Poecilonota fraseri [2680] 147 528
Poecilotettix longipennis [5958] 294
Poecilotettix pantherina [5957] 294
Poecilotettix pantherinus [5747] 528
Poecilotettix sanguineus [2812] 166
Poecilothrips albopictus [3276] 279
Pogonomyia minor [5317] 526
Pogonomyrmex barbatus [2204] 102 446
Pogonomyrmex californicus [1836] 95 311 312 420
Pogonomyrmex californicus estebanians [2219] 104
Pogonomyrmex desertorum [3704] 311 312
Pogonomyrmex occidentalis [822] 24 69 75 86 138 148 267 323 449 559
Pogonomyrmex owyheeii [1793] 77 86 148 526
Pogonomyrmex rugosus [280] 8 311 312
Pogonomyrmex salinus [823] 24
Polalonia communis [985] 34
Polalonia luctuosa [986] 34
Polalonia mexicana [987] 34
Polia adjuncta [4769] 491
Polia atlantica [4772] 491
Polia delecta [4762] 491
Polia detracta [4753] 491
Polia grandis [4766] 491
Polia invalida [4768] 491
Polia lutra [4771] 491
Polia nimbosea [4767] 491
Polia nugatis [4764] 491
Polia pulverulenta [4765] 491
Polia subjuncta [4770] 491
Poliaenus negundo [2822] 169
Polideosoma cinerosa [1900] 98
Polistes apachus [2516] 125
Polistes aurifer [4519] 420
Polistes flavus [4003] 367
Polistes fuscatus aurifer [1187] 36 323 526
Polistes rubiginosus [4002] 367
Polistes texanus [4004] 367 420
Pollenia rudis [1889] 98 116
Polyamia spp. [219] 8
Polycaon confertus [5581] 528
Polycaon stoutii [1644] 40 373 528
Polycesta arizonica [2844] 179
Polycesta californica [1567] 40 147 407 528
Polycesta elata [4327] 407

Polycesta velasco [4328] 407 528
Polydrusus ochreus [5871] 528
Polygonia comma [5001] 522
Polygonia faunus [5010] 522
Polygonia interrogationis [5028] 522
Polygonia oreas oreas [5083] 522
Polygonia progne [5011] 522
Polygonia zephyrus [927] 30 522 526
Polyhymno acaciella [5712] 528
Polymerus diffusus [708] 98
Polyphylla decemlineata [3872] 361
Ponometia sutrix [4590] 424
Pontania californica [2724] 147 528
Pontania pacifica [2725] 147
Pontania parva [5846] 528
Pontania resinicola [5847] 528
Praon artemisaphis [1976] 98
Prenolepsis imparis [3083] 229 420
Priesneriella citricauda [3277] 279
Prionoxystus robiniae [2730] 147 373 528
Prionus californicus [4179] 373
Prionus integer [4226] 386
Prionus lecontei [3781] 325
Prionus spp. [3856] 361
Prionyx atrata [988] 34
Prionyx atratus [5445] 526
Prionyx canadensis [989] 34
Prionyx thomae [990] 34
Prisotmerus euryptychiae [2838] 175
Pristiphora spp. [2726] 147
Pristomerus baumhoferi [2872] 195
Proarna valvata [3960] 367
Proba sallei [5118] 526
Procecidochares anthracina [4046] 370
Procecidochares minuta [1910] 98 116 370
Procecidochares spp. [505] 148 358 359
417 418
Procecidochares stonei [4047] 370 381
Prochoerodes truxaliata [2994] 229
Prociphilus alnifoliae [5857] 528
Prociphilus alnifoliae alnifoliae [2585]
147 528
Prociphilus caryae [2015] 99
Prociphilus caryae fitchii [2017] 99
Prociphilus corrugatans [2018] 99 528
Prociphilus erigeronensis [2054] 99
Proclossiana eunomia [5093] 522
Procryphalus utahensis [4187] 378
Prodoxus aenescens [3823] 327 438
Prodoxus cinereus [4607] 438
Prodoxus coloradensis [3829] 327
Prodoxus marginatus [4606] 438
Prodoxus ochrocarus [3831] 327
Prodoxus quinquepunctellus [1193] 36 323
Prodoxus sordidus [3827] 327
Prodoxus spp. [3828] 327 528
Prodoxus y-inversus [3832] 327
Proisotoma aquae [778] 23
Proisotoma decemoculata [2574] 144
Proisotoma minuta [779] 23
Proisotoma titusi [780] 23
Promecotarsus densus [4583] 421
Promecotarsus fumatus [1099] 36
Pronuba cinereus [3824] 327
Pronuba marginatus [3825] 327
Pronuba yuccasella [3821] 327
Prosenoides spp. [169] 8
Proteriades bullifacies [5575] 527
Proteriades mojaviensis [5576] 527
Protocalliphora spp. [5323] 526
Protolampra brunneicollis [4734] 491
Protolampra rufipectus [4737] 491
Protophormia terraenovae [5322] 526
Protorthodes curtica [4747] 491
Protorthodes texana [4760] 491
Protoxaea gloriosa [4902] 504
Psallus alnicola [2617] 147
Psallus cercocarpicola [2537] 135
Psallus fuscopunctatus [2536] 135
Psallus pictipes [4549] 421
Psallus pilosulus [2639] 147
Psallus spp. [1930] 98 421
Psallus vaccinicola [2538] 135
Psammophila luctuosa [4508] 420
Psammotettix dentatus [1946] 98 116
Psammotettix spp. [220] 8 526
Pselliopus spinicollis [2940] 229
Psenulus alienus [5546] 527
Pseudachorutes lunatus [746] 23
Pseudachorutes subcrassoides [747] 23
Pseudamblyteles ormenus [5378] 526
Pseudamblyteles spp. [5379] 526
Pseudanurophorus spp. [2573] 144
Pseudatomoscelis seriatus [4403] 416 424
Pseudaulacaspis pentagona [4129] 372
Pseudebaeus bicolor [3016] 229
Pseuderimus spp. [860] 26
Pseudocatolaccus spp. [878] 26
Pseudococcus cockerelli [5664] 528
Pseudococcus crawi [5589] 528
Pseudococcus erigoni [5797] 528
Pseudococcus longisetosus [5790] 528
Pseudococcus longispinus [5711] 528
Pseudococcus maritimus [2602] 147 229
528
Pseudococcus obscurus [2709] 147 367
Pseudococcus spp. [1783] 66 367
Pseudococcus virgatus [3971] 367
Pseudodiaspis yuccae [1760] 52 528
Pseudodinia varipes [585] 98
Pseudoepameibaphis essigi [660] 20 21 35
99 116 117 496
Pseudoepameibaphis glauca [661] 20 35 99
116 117 269 496
Pseudoepameibaphis tridentatae [662] 20
35 99 116 117 496
Pseudoepameibaphis xenotrichus [663] 20
99 116 496
Pseudoepameibaphis zavillus [2047] 99
496
Pseudoglaea olivata [4786] 491
Pseudohazis eglanterina [5645] 528
Pseudohazis eglanterina nuttalli [5239]
526
Pseudohazis spp. [2468] 123
Pseudomasaris edwardsii [4507] 420 526
Pseudomasaris zonalis [5426] 526
Pseudomethia arida [3915] 362
Pseudomethoca athamas [1989] 98
Pseudomethoca spp. [290] 8
Pseudopanurgus spp. [258] 8
Pseudopityophthorus spp. [1642] 40
Pseudorthodes irrorata [4757] 491
Pseudosermyle straminea [2889] 212
Pseudosinella candida [781] 23
Pseudosinella octopunctata [782] 23
Pseudosinella sexoculata [783] 23
Pseudospaelotis haruspica [4726] 491
Pseudotorymus lazulellus [5398] 526

Psila dimidiata [5287] 526
Psilocephala spp. [177] 8 98 526
Psilocerus spp. [513] 26
Psilodryinus typhlocybae [2883] 203
Psilogaster spp. [1980] 98
Psiloptera webbi [2544] 137
Psilothrips paradalotus [1709] 49
Psilothrips priesneri [1710] 49
Psoa maculata [3047] 229 528
Psocus confraternus [2930] 229
Psoloessa delicatula [1216] 36 54 59 323
Psoloessa delicatula delicatula [1799] 80
Psoloessa texana [5953] 294
Psorthaspis macronotum cressoni [293] 8
Psuedoleria robusta [5301] 526
Psychidae spp. [1401] 224
Psylla acuta [2620] 147
Psylla americana [5813] 528
Psylla coryli [1961] 98 147 526
Psylla galeaformis [5143] 526
Psylla hirsuta [2658] 147
Psylla magna [2621] 147
Psylla media [2659] 147
Psylla ribesiae [1960] 98 323
Psylla spp. [1771] 56 156
Psylla uncatoides [2881] 202 238 276
Psyllidae spp. [1300] 6 122
Psylliodes punctulata [29] 36 41 98 323
Psyllobora borealis [846] 25
Psyllobora renifer [328] 8
Psyllobora vigintimaculata [847] 25
Psyllobora vigintimaculata taedata [3037] 229
Pterochlorus rosae [3103] 239 517
Pterochlorus viminalis [5815] 528
Pterocomma beulahensis [2309] 117
Pterocomma bicolor [1657] 44 99 116 117
Pterocomma pilosum [2179] 99 117
Pterocomma salicis [1048] 35 99 116
Pterocomma smithiae [1050] 35 99 116
Pteromalidae spp. [1491] 91 421
Pteromalinae spp. [1996] 98
Pteromalus spp. [879] 26
Pteronidea occidentalis [5848] 528
Pteronidea ribesi [387] 10 528
Pteronidea thoracica [5654] 528
Pterophoridae spp. [1392] 91 116 417 421
Pterophorus delawaricus [5699] 528
Pterophorus tenuidactylus [5616] 528
Pterophylla spp. [2827] 170
Ptilinus basalis [1635] 40
Ptiloglossa arizonensis [4880] 504
Ptiloglossa jonesi [4881] 504
Ptinus cognata [3045] 229
Ptinus spp. [3869] 361
Pubilia modesta [1162] 36 98 323 526 528
Pulvinaria bigeloviae [2251] 116 418
Pulvinaria coulteri [5772] 528
Pulvinaria innumerabilis [4862] 497
Pulvinaria vitis [5644] 528
Purpuricenus dimidiatus [3765] 325 341
Puto albicans [2603] 147
Puto lasiorum [1761] 52
Puto mimicus [4414] 416 418
Puto simmondsiae [3907] 362
Puto yuccae [2733] 147 419 528
Pyrilidae spp. [1391] 66 116 224 267 310 334 337 412 421
Pyrisitia lisa [5016] 522
Pyrota engelmanni [1114] 36 323
Pyrota mulabrana [3867] 361
Pyrotrichus vitticollis [3785] 325 528
Quadraspidiotus forbesi [4140] 372
Quadraspidiotus juglans-regiae [4112] 372
Quadraspidiotus perniciosus [1633] 40 372
Quadrularia laetifica [5316] 526
Raphia frater [4699] 491
Raphididae spp. [1317] 6
Ravinia derelicta [157] 8
Ravinia lherminieri [158] 8 526
Ravinia planifrons [159] 8 526
Ravinia querula [5331] 526
Ravinia spp. [1139] 36 323
Recurvaria bacchariella [3000] 229
Recurvaria spp. [4454] 418
Reduviidae spp. [1270] 6
Rehnia cerberus [4191] 383
Rehnia spp. [4206] 383
Rehnia victoria [4205] 383
Reinhardiana petiolata [3208] 526
Renocis heterodoxus [411] 12 236 373
Reticulitermes humilis [5748] 528
Reticulitermes humilis hoferi [5881] 528
Reticulitermes spp. [1188] 36 362
Rhabdophaga spp. [2707] 147
Rhadine jejuna [3852] 361
Rhadine spp. [3853] 361
Rhagoletis basiola [4058] 370 526
Rhagoletis berberis [4037] 370
Rhagoletis cingulata [1647] 43 432
Rhagoletis cingulata indifferens [4055] 370
Rhagoletis fausta [4056] 370
Rhagoletis pomonella [2901] 213 528
Rhagoletis ribicola [4057] 370
Rhagoletis tabellaria [4050] 370
Rhagoletis zephyria [3641] 289 370
Rhinacloa forticornis [1749] 52 125 134 415 416 417 418 421 424
Rhinomalus texanus [4640] 453
Rhinopsylla dimorpha [253] 8
Rhizaecus terrestris [5586] 528
Rhizaspidiotus dearnessi [4101] 372
Rhizobius ventralis [3036] 229
Rhizoecus bicirculus [2604] 147
Rhizoecus gracilis [5151] 526
Rhodites bicolor [4626] 444
Rhodites politus [4625] 444
Rhodobaenus tredecimpunctatus [3264] 278
Rhodobium porosum [2150] 99
Rhopalidae spp. [1279] 122
Rhopalomyia ampullaria [3137] 251
Rhopalomyia ampullaris [2753] 156
Rhopalomyia baccharis [5880] 528
Rhopalomyia californica [3085] 229 293 299 339 476 528
Rhopalomyia chrysothamni [3139] 251
Rhopalomyia glutinosa [3140] 251
Rhopalomyia salviae [3136] 251 400
Rhopalomyia spp. [143] 8 98 581
Rhopalomyia subhumilis [3842] 356
Rhopalomyia tridentatae [1897] 98 156
Rhopalomyia utahensis [3138] 251
Rhopalomyzus grabhami [4863] 498
Rhopalomyzus lonicerae [2106] 99
Rhopalophora angustata [3814] 325
Rhopalophora bicolorella [3816] 325
Rhopalophora laevicollis [4323] 405

Rhopalophora prorubra [3815] 325
Rhopalosiphum berberidis [1658] 44 116 117
Rhopalosiphum cerasifoliae [2116] 99
Rhopalosiphum conii [1659] 44
Rhopalosiphum grabhami [664] 20 99 196
Rhopalosiphum insertum [2092] 99 117
Rhopalosiphum musae [2119] 99
Rhopalosiphum nigrum [2093] 99
Rhopalosiphum nymphaeae [2120] 99
Rhopalosiphum padi [2121] 99 117
Rhopalosiphum prunifoliae [1038] 35 269 528
Rhopalosiphum rhois [665] 20 479
Rhopalothrips bicolor [3278] 279
Rhopalomyia navasi [2752] 156
Rhyacionia neomexicana [4243] 393
Rhydinofoenus floridanus bradleyi [4303] 402
Rhydinofoenus spp. [4302] 402
Rhynchagrotis cupida [4739] 491
Rhynchites bicolor [859] 25 148 394 528
Rhynchites bicolor viridilustrans [5866] 528
Rhynchites bicolor wickhami [4692] 488 526
Rhynchites cyanellus [5832] 528
Rhynchites eximius [1100] 36 323
Rhynchothrips invisus [3275] 279
Rhynocoris ventralis [3637] 526
Rhyparochromus chiragra californica [2939] 229
Rhyssipolis spp. [1973] 98
Rileyia cecidomyiae [633] 26
Rileyia spp. [4559] 421
Ripersia spp. [3973] 367
Roepkea bakeri [2117] 99
Rogas stigmator [1974] 98
Rosalia funebris [1645] 40 147 373 528
Rugaspidiotus nebulosus [4137] 372
Rugaspidiotus arizonicus [4117] 372
Sablodes caberata [2992] 229
Sabulodes caberata [5583] 528
Sabulodes forficaria [5841] 528
Sackenomyia packardi [4296] 400
Saissetia hemisphaerica [5791] 528
Saissetia nigra [4565] 423
Saissetia oleae [2977] 229 416 528
Samacia spp. [1901] 98
Samia cecropia [5784] 528
Samia euryalus [5746] 528
Samia gloveri [5640] 528
Sandalus californicus [1693] 47
Saperda calcarata [3696] 528
Saperda candida [5706] 528
Saperda concolor [416] 528
Saperda horni [410] 528
Saperda spp. [2689] 147
Saprinus lubricus [5163] 526
Saprinus lugens [3866] 361
Saprinus scabriceps [1878] 98
Sarata incanella [1785] 66
Sarcophaga cooleyi [5332] 526
Sarcophaga hunteri [2263] 116
Sarcophaga lherminiera [2264] 116 161
Sarcophaga planifrons [2238] 115 161
Sarcophaga quadrisetosa [4500] 420
Sarcophaga rapax [2265] 116
Sarcophaga spp. [636] 98
Sarrothripus frigidana [4826] 491
Satyrium acadica [5086] 522
Satyrium calanus [5082] 522
Satyrium californica [5024] 522
Satyrium fuliginosum [5065] 522
Satyrium liparops [5034] 522
Satyrium saepium [5020] 522
Satyrium sylvinus [5087] 522
Saxinis knausi [313] 8 125
Saxinis saucia [2359] 415 424 528
Saxinis scutellaris [1727] 52
Saxinis spp. [314] 8
Scaeva pyrastris [951] 32 229 526
Scambus aplopappi [2873] 195 229
Scambus bicoloripes [1988] 98
Scambus pterophori [3065] 229 526
Scaphytopius acutus [2926] 230
Scaphytopius irroratus [221] 8 416 417 424
Scaphytopius spp. [2654] 147 229 415 419
Scaptomyza graminum [4573] 421
Scatophaga stercoraria [4486] 420 526
Scatopse spp. [4480] 420
Scelio spp. [1999] 98
Scelion opacus [889] 26
Scelolyperus longulus [1852] 98
Scenopinus spp. [3571] 421
Schinia albafascia [5241] 526
Schinia cumatilis [1200] 36 323
Schinia marginata [4712] 491
Schinia sexplagiata [4381] 415 416 417 418 424
Schinia spp. [2236] 115 116
Schinia thoreau [4713] 491
Schinia unimacula [3718] 323
Schistocerca albolineata [5959] 294
Schistocerca alutacea [2826] 170
Schistocerca alutacea shoshone [3893] 362
Schistocerca americana [3743] 326
Schistocerca damnifica [2825] 170
Schistocerca emarginata [3742] 326
Schistocerca lineata [2675] 147 166 364 365
Schistocerca obscura [2783] 160 326
Schistocerca shoshone [1662] 47 294 415 424 528
Schistocerca vaga [1663] 47 166 294
Schistocerca vaga vaga [4397] 416
Schizactia spp. [170] 8
Schizax senex [5754] 528
Schizocerella pilicornis [262] 8
Schizura concinna [1625] 40 116 528
Schizura ipomaeae [2880] 200
Schoenomyza dorsalis [462] 526
Sciara pauciesta [5653] 528
Sciomyzidae spp. [1461] 47
Sciopithes arcuatus [3054] 229
Sciopithes obscurus [3053] 229
Scirtothrips citri [4595] 428 528
Scirtothrips ewarti [3895] 362 428
Scirtothrips solaris [4596] 428
Scirtothrips tehachapi [4597] 428
Scleroracis bullatus [4588] 424
Scleroracis spp. [1947] 98
Scobicia declivis [1543] 40 528
Scobicia suturalis [5580] 528
Scolia ardens [1686] 47
Scoliopteryx libatrix [4854] 491
Scolops abnormalis [5142] 526
Scolops grossus [232] 8

Scolops pallidus [1953] 98 415 526
Scolops pungens [233] 8
Scolops sulcipes [1159] 36 323
Scolops uhleri [2249] 116
Scolops uhleri marginatus [4531] 421
Scolytus rugulosus [5652] 528
Scopula junctaria quinquelinearia [2611] 147
Scutelleridae spp. [1281] 122
Scymnus apacheanus [1731] 52
Scymnus ardelio [330] 8
Scymnus caurinus [5199] 526
Scymnus creperus [331] 8
Scymnus fenderi [848] 25
Scymnus guttulatus [3034] 229
Scymnus horni [332] 8
Scymnus impleta [849] 25
Scymnus lacustris [5200] 526
Scymnus loewi [2494] 125
Scymnus loewii [333] 8
Scymnus marginicollis [850] 25 229
Scymnus nebulosus [3035] 229
Scymnus opaculus [851] 25
Scymnus pallens [334] 8
Scymnus postpictus [852] 25
Scymnus renoicus [853] 25
Scymnus spp. [560] 25 47 421
Scymnus utahensis [854] 25
Scymnus weidti [1870] 98 116
Scyphophorus acupunctatus [5877] 528
Scyphophorus yuccae [5595] 528
Scythris spp. [2280] 116 415 417 418
Selenaspidus articulatus [4143] 372
Selenophorus aeneopiceus [3854] 361
Selenophorus planipennis [1072] 36
Semanotus juniperi [4227] 386
Semanotus ligneus conformis [4228] 386
Semiothisa californiaria [2666] 147
Semiothisa denticulata sexpuncta [2667] 147
Sennius celatus [3706] 312
Sennius morosus [64] 8
Senotainia flavicornis [3223] 526
Senotainia rubriventris [160] 8
Senotainia trilineata [2266] 116
Senotainia vigilans [5326] 526
Sepsis biflexuosa [5290] 526
Sepsis neocynipsea [161] 8 526
Serica anthracina [1550] 40 526 528
Serica spp. [3748] 335 361 393
Sericothrips chrysothamni [22] 5
Sericothrips spp. [4] 2
Sesia tipuliformis [4007] 368
Sesiidae spp. [1398] 229 418
Setagrotis piscipellis [4728] 491
Setagrotis planifrons [4727] 491
Sibinia spp. [359] 8
Sierolomorpha nigrescens [5418] 526
Simulium vittatum [5249] 526
Simyra henrici [4711] 491
Sinea anacantha [1936] 98
Sinea confusa [932] 31
Sinea diadema [710] 31
Sinea spinicollis [5122] 526
Sinea spp. [4564] 421
Sinodendron rugosum [5825] 528
Siphonella nigripalpis [151] 8
Siphonella spp. [691] 224
Siphophyto spp. [171] 8
Siphosturmia melitaeae [5356] 526
Sitobion frageriae [4864] 498
Sitona cylindricollis [1101] 36 115
Sitophaga spp. [172] 8
Situlaspis atriplicis [4099] 372
Situlaspis daleae [4122] 372
Situlaspis yuccae [3904] 362 372
Sixeonotus luteiceps [3957] 367
Slaterocoris spp. [1147] 36 323 417
Smerinthus cerisyi [5837] 528
Smerinthus jamaicensis [5660] 528
Smicronyx abnormis [4393] 415 416 424
Smicronyx californicus [4427] 416 424
Smicronyx cinereus [3055] 229
Smicronyx imbricatus [4443] 417 418 424
Smicronyx lutulentus [360] 8
Smicronyx nr. *pleuralis* [364] 8
Smicronyx sordidus [361] 8
Smicronyx spp. [365] 8 36 415 416 424 526
Smicronyx spretus [362] 8
Smicronyx tessellatus [363] 8
Sminthurides pumilis [791] 23
Sminthurinus aureus [792] 23
Sminthurinus aureus albus [793] 23
Sminthurinus elegans [794] 23
Sminthurinus elegans atratus [795] 23
Sminthurinus minutus [796] 23
Sminthurinus niger [797] 23
Sminthurinus quadrimaculatus [798] 23
Sminthurinus quadrimaculatus bimaculatus [799] 23
Sminthurus fitchi [800] 23
Sminthurus medialis [801] 23
Sminthurus spp. [4520] 421
Sminthurus sylvestris [138] 8
Smodicum cucujiforme [4310] 405
Solenopsis aurea [281] 8
Solenopsis geminata [4506] 420
Solenopsis molesta [2551] 138 420
Solenopsis molesta validuscula [2556] 138 526
Solenopsis xyloni [282] 8 102
Solierella blaisdelli [5552] 527
Solierella similis [5553] 527
Sophronia spp. [1832] 91
Sosipatra rileyella [4610] 438
Sosipatra thurberiae [3922] 362
Spacophilus spp. [2787] 161
Spaelotis havilae [4725] 491
Spallanzania hebes [5355] 526
Spaniotoma spp. [4572] 421
Spanogonicus albofasciatus [1773] 57
Sparganothis tunicana [2671] 147
Spermophagus vitis [5701] 528
Speyeria callippe nevadensis [5236] 526
Speyeria marmonia eurynome [5234] 526
Speyeria zerene cynna [5235] 526
Sphaerophoria melanosa [4504] 420
Sphaeriontis muricata [3889] 361
Sphaerophoria robusta [5277] 526
Spharagemon collare [1823] 82 365
Spharagemon equale [1217] 36 147 323
Spharagemon inornatum [2903] 212
Spharagemon spp. [3940] 364
Sphecidae spp. [1513] 6
Sphecius speciosus [1689] 47
Sphegigastor spp. [880] 26
Sphegigastrinae spp. [1523] 98
Sphenophorus compressirostris [1102] 36
Sphex ichneumoneus [991] 34 526
Sphex pilosus [2001] 98
Sphinx chersis [5783] 528
Sphinx drupiferarum [5658] 528

Sphinx sequoia [5659] 528
Sphinx vancouverensis [5781] 528
Sphyrocoris punctellus [4406] 416
Spilochalcis albifrons [1977] 98 229 526
Spilochalcis leptis [865] 26 98 526
Spilochalcis side [632] 26 98
Spilococcus ceanothi [2605] 147
Spilococcus eriogoni [4377] 415 526
Spilococcus pressus [3908] 362
Spilococcus quercinus [2606] 147
Spilococcus spp. [249] 8
Spilococcus viridula [2519] 126
Spilodiscus spp. [1106] 36
Spilodiscus ulkei [1105] 36
Spilomena spp. [456] 526
Spilonota ocellana [5709] 528
Spinisotoma dispersa [784] 23
Spissistilus festinus [243] 8 415 416
417 424
Spissistilus franciscans nigricans [4373]
415 419
Spodoptera ornithogalli [4382] 415
Spongovostox apicedentata [5622] 528
Spongovostox apicedentatus [4343] 411
484
Spragueia jaguaralis [303] 8
Spyhyrocoris obliquus [4434] 417
Stator limbatus [65] 8 244 349
Stator pruininus [66] 8 244 349
Steatococcus spp. [4441] 417
Steatococcus townsendi [241] 8 66
Stegophylla essigi [4865] 498
Stegophylla querci [2087] 99
Stegophylla quercicola [4684] 482
Stegophylla quercifoliae [2126] 99 117
498
Stelis montana [5499] 526
Stelis submarginata [5500] 526
Stenamma brevicorne [825] 24
Stenamma huachucanum [826] 24
Stenamma knowltoni [827] 24 130
Stenamma smithi [828] 24
Stenamma spp. [824] 24
Stenaspis solitaria [2490] 125
Steniolia obliqua [5453] 526
Stenochidus gracilis [3044] 229
Stenocorus utenaus [5207] 526
Stenodema virens [5120] 526
Stenodontes dasystemus [4309] 405
Stenodynerus blandoides [964] 34
Stenodynerus blandus [5542] 527
Stenodynerus conoides [5536] 527
Stenodynerus kennicottianus [965] 34
Stenodynerus noticeps [966] 34
Stenodynerus spp. [1172] 36 323
Stenodynerus valliceps [967] 34
Stenolophus conjunctus [1073] 36
Stenolophus spp. [2208] 102
Stenomorpha consobrina [855] 25
Stenomorpha puncticollis [2879] 198 322
404
Stenopogon inquinatus [5258] 526
Stenopogon martini [5259] 526
Stenosphenus debilis [2691] 147
Stenosphenus nigricornis [2690] 147
Stenosphenus texanus [3804] 325
Stephanophachys sobrinus [3675] 40
Stephanothrips bradleyi [3297] 279
Steriphanus spp. [137] 8 361
Sternochetus lapathi [1231] 38 123 147
148 176
Steveniopsis rubidiapex [5338] 526
Sthenarus humeralis [4561] 421
Stictiella megacera [5454] 526
Stictocephala basalis [4470] 419
Stictocephala festina [2906] 217
Stictocephala pacifica [5803] 528
Stictocephala spp. [4589] 424 526
Stictocephala taurina [1163] 36
Stictocephala wickhami [5804] 528
Stictoccephalus pacifica [2953] 229
Stictomyia longicornis [5882] 528
Stictopelta marmorata [244] 8 125
Stictopleurus pallidus [1916] 98
Stictopleurus plutonius [1917] 98 526
Stigmella aurella [4646] 456
Stigmella splendidissima [4647] 456
Stigmus inordinatus [5554] 527
Stilbopogon spp. [2203] 102
Stilomedon spp. [4347] 411
Stilletoia salicis [4155] 373 528
Stirellus bicolor [222] 8
Stizioides uncinatus [992] 34
Stobaera bilobata [4694] 473
Stobaera caldwelli [4370] 415 416 417
418 424 473
Stobaera concinna [4371] 415 416 473
Stobaera giffardi [4695] 473
Stobaera muiri [4469] 419 473
Stobaera tricarinata [4411] 416 473
Stragania atra [1948] 98
Stragania bisignata [223] 8
Stragania franciscana [2964] 229
Stragania robusta [224] 8 415
Stragania rufoscutellata [3564] 526
Stragania spp. [676] 419 424
Stratiomya maculosa [3087] 229 420
Stretchia muricina [4763] 491
Stretchia plusiaeformis [4797] 491
Strongylocoris robustus [1931] 98
Strongylocoris spp. [4550] 421 526
Strymon californica [5228] 526
Strymon melinus [5708] 528
Strymon titus titus [5227] 526
Stylectaphis canae [1007] 35 116 117
Stylectaphis chrysothamni [1009] 35 116
117
Stylectaphis chrysothamnicola [1064] 35
116
Stylectaphis filifoliae [1017] 35 117
Stylectaphis minutissima [1027] 35
Stylectaphis oregonensis [1033] 35 116
Stylopidea picta [3956] 367
Suillia limbata [4501] 420
Sunira straminea [4818] 491
Sunira verberata [4817] 491
Symmorhpus meridionalis [5537] 527
Symmorhpus cristatus nevadensis [5538]
527
Symmorhpus projectus [5539] 527
Sympetrum obtrusum [3490] 526
Sympiesis spp. [1983] 98
Sympiesis stigmatipennis [5396] 526
Sympiesis stigmatus [3079] 229
Symydobius macrostachyae [5816] 528
Symydobius salicicorticis [5817] 528
Synanthedon albicornis [2729] 147 176
Synaphaeta guexi [2692] 147 373 528
Synaxis fuscata [2993] 229
Synaxis hirsutaria [3920] 362
Synchlora frondaria avidaria [4457] 418

Synedoida divergens [4828] 491
 Synedoida howlandi [4830] 491
 Syneta albida [5861] 528
 Syngrapha orophila [4823] 491
 Synhalonia albescens [4941] 504
 Synhalonia amoena [3710] 315
 Synhalonia angustifrons [4942] 504
 Synhalonia primiveris [4943] 504
 Synhalonia venusta [3711] 315
 Synhalonia venusta venusta [4944] 504
 Synnoma lynosyrana [305] 8 66 116 128
 148 156 164 569
 Syntomosphyron spp. [583] 26
 Syritta pipiens [2372] 526
 Syrphidae spp. [1452] 6
 Syrphus opinator [4496] 420
 Systema blanda [315] 8 115 424
 Systema taeniata [1853] 98 415 416 417
 528
 Tabanus punctifer [1700] 47
 Tachardia fulgens [5667] 528
 Tachardiella fulgens [1762] 52
 Tachardiella glomerella [239] 8 66 528
 Tachardiella larrae [5672] 528
 Tachardiella larreae [2768] 156 417 418
 Tachinidae spp. [1476] 6
 Tachypompilus unicolor unicolor [5439]
 526
 Tachypterellus consors [5221] 526
 Tachypterellus quadrigibbus [3845] 360
 Tachysphex ashmeadii [993] 34
 Tachysphex terminatus [994] 34
 Tachytes fulviventris fulviventris [5443]
 526
 Tachytes nevadensis [3544] 526
 Tachytes sayi [995] 34 526
 Taenionema pacifica [1631] 40
 Taeniopoda eques [2809] 166
 Taeniopteryx banksi [5715] 528
 Taeniopteryx nigripennis [5714] 528
 Taeniopteryx pacifica [5655] 528
 Taeniothrips ehrhorni [2933] 229
 Taeniothrips inconsequens [5585] 528
 Tamalia coweni [2019] 99 269 528
 Tanaocerus koebelei [5960] 294
 Tanaops ignitus [5176] 526
 Tanarthrus salicola [3155] 261
 Tanyochraethes tildeni [3812] 325
 Tapinoma sessile [696] 24 36 138 421
 Tarachidia candefacta [4383] 415 416 491
 Taranomis bivittata [1812] 81
 Targionia bigeloviae [4104] 372
 Tegeticula maculata [3822] 327 387 438
 Tegeticula spp. [4604] 435 528
 Tegeticula synthetica [3826] 327
 Tegeticula yuccasella [3731] 323 327
 Tegrodera erosa [5878] 528
 Tegrodera latecincta [5879] 528
 Telamonthe pulchella [2250] 116
 Telea polyphemus [5839] 528
 Telenomus clisiocampae [3836] 354
 Telenomus utahensis [1770] 56
 Temelucha spp. [3377] 526
 Temnochila spp. [4269] 393
 Tendipes plumosus [1906] 98
 Tendipes utahensis [1907] 98
 Tenthredinidae spp. [1479] 457
 Tenthredo xantha [5359] 526
 Tephritidae spp. [1458] 6 70 392 430 580
 Tephritis araneosa [4015] 370 526
 Tephritis arizonensis [4034] 370
 Tephritis californica [4029] 370
 Tephritis labecula [4048] 370
 Tephritis opacipennis [4042] 370
 Tephritis ovatipennis [4019] 370
 Tephritis rufipennis [4033] 370
 Tephritis signatipennis [4036] 370
 Tephritis spp. [468] 229 420
 Tephritis stigmatica [4049] 370 452 526
 Termes flavipes [3949] 367
 Termopsis laticeps [5800] 528
 Tetanops myopaeformis [3754] 336
 Tetraleurodes acaciae [5579] 528
 Tetraleurodes errans [2975] 229 528
 Tetraleurodes nigrans [5626] 528
 Tetraleurodes splendens [5725] 528
 Tetraleurodes stanfordi [5856] 528
 Tetraleurodes usorum [5615] 528
 Tetralonia hamata [1168] 36 323
 Tetralonia venusta [4306] 403
 Tetranodes niveicollis [4643] 453
 Tetrasphaeropyx spp. [1975] 98
 Tetrastichus cecidobroter [3658] 303
 Tetrastichus cecidophagus [3844] 359
 Tetrastichus diarthronomyiae [2779] 157
 Tetrastichus melanis [1984] 98
 Tetrastichus nr. hibus [2776] 157
 Tetrastichus silvaticus [3837] 354
 Tetrastichus spp. [439] 56 98 229 292
 293 299 394 421 526
 Texananus latipex [225] 8 415
 Texananus spp. [532] 98
 Thargelia symphoricarpi [2246] 116
 Tharsalea arota [5084] 522 528
 Thaumatomyia annulata [702] 526
 Thaumatomyia appropinqua [487] 526
 Thaumatomyia glabra [152] 8 526
 Thecodiplosis cockerelli [4151] 373 393
 Thecophora modesta [5286] 526
 Thecophora propinqua [2399] 526
 Thelaxes californica [2127] 99 116 117
 Thereva furcata [1914] 98 526
 Thereva pseudoculata [5248] 526
 Thereva spp. [5253] 526
 Therevidae spp. [1442] 6
 Thevenemyia muricata [5268] 526
 Thinodytes spp. [881] 26
 Thiodia spp. [2006] 98 157
 Thoracaphis cuspidata [2862] 189
 Thoracaphis distyliifoliae [2861] 189
 Thoracaphis quercicola [2863] 189
 Thoracaphis umbellulariae [2864] 189
 Thripidae spp. [1239] 125
 Thrips abdominalis [21] 4
 Thrips madronii [1553] 40 528
 Thrips physapus [5864] 528
 Thrips spp. [4547] 421
 Thrips tabaci [44] 2 36 91 323
 Thyanta accerra [2505] 125
 Thyanta brevis [1752] 52 528
 Thyanta custator [370] 9 52 421
 Thyanta pallidovirens [1935] 98 147 362
 415 416 418 424
 Thyanta pallidovirens pallidovirens
 [5139] 526
 Thyanta punctiventris [372] 9 224
 Thyanta rugulosa [371] 9 31 421
 Thyanta rugulosus [4404] 416
 Thyanta spp. [12] 6
 Thyantis custator [2936] 229

Thysanus niger [885] 26
Tiaja californica [2956] 229
Tibicen montezuma [5827] 528
Tibicen spp. [3741] 324
Tigrinestola tigrina [3818] 325
Timema californica [5685] 528
Tinobregmus vittatus [226] 8
Tipula dejecta [4479] 420
Tipula pellucida [5245] 526
Tipulidae spp. [1422] 6
Tischeria ambigua [4860] 492 528
Tischeria bifurcata [4861] 492 528
Tischeria ceanothi [4859] 492 528
Tischeria immaculata [3161] 268 282 492
Tischeria spp. [4438] 417
Tomocerus flavescens [785] 23
Tomoplagia cressoni [4013] 370
Tomosvaryella spp. [1893] 98
Tornos scolopacinaris [301] 8
Tortistilus albidosparsa [4413] 416 424
Tortistilus pacificus [4374] 415 416 424
Tortistilus wickhami [1958] 98
Tortricidae spp. [1394] 91 116 122 126
127 155 156
Tortrix citrana [5584] 528
Tortrix franciscana [5619] 528
Torymus aeneoscapus [482] 26 526
Torymus baccharidis [3073] 229 293 299
Torymus bedeguaris [861] 26
Torymus capillaceus albitarsis [862] 26
Torymus citripes [863] 26 526
Torymus fagopyrum [3324] 394
Torymus koebelei [576] 26 293 299 339
Torymus nr. hircinus [2780] 157
Torymus solitarius [3320] 394
Torymus spp. [2003] 98 293 323 526
Toumeyella mirabilis [2763] 156
Toxocampa victoria [4842] 491
Toxomerus geminatus [4505] 420
Toxomerus marginatus [165] 8
Toxomerus spp. [4502] 420
Toxophora virgata [2422] 526
Toxoptera graminum [5851] 528
Toxotus obtusus [4229] 386
Toxotus uteanus [4289] 399
Tracheliodes foveolineatus [5555] 527
Trachoma walsinghamiella [2672] 147
Trachykele blondeli [4326] 407
Trachyrhachys kiowa [1800] 80 82
Tragidion coquus [3796] 325
Tragidion gracilipes [3798] 325
Tragidion peninsulare californicum [3797] 325
Tragosoma depsarius [3783] 325
Trialeurodes abutilonea [4366] 415 416
417 424
Trialeurodes colcordae [4449] 418
Trialeurodes corollis [5719] 528
Trialeurodes diasemus [5689] 528
Trialeurodes glacialis [5669] 528
Trialeurodes hutchingsi [5726] 528
Trialeurodes merlini [5724] 528
Trialeurodes tentaculatus [5670] 528
Trialeurodes vaporariorum [1554] 40 416
528
Trialeurodes wellmanae [5858] 528
Trichinorhipis knulli [3914] 362
Trichiocampus irregularis [2727] 147
Trichionotus spp. [5395] 526
Trichiosoma lanuginosa [4164] 373
Trichiosoma triangulum [1630] 40 147
Trichochrous rufipennis [1115] 36 323
Trichochrous spp. [117] 8 98 421 526
Trichochrous texanus [3975] 367
Trichoclea antica [3651] 296
Trichodejeania vexatrix [2262] 116
Trichodes ornatus [1728] 52 526
Trichodes simulator [2254] 116
Tricholita chipeta [4796] 491
Tricholita chipeta endiva [2988] 229
Trichomalus spp. [882] 26
Trichoplusia ni [415] 13 417 419
Trichoptilus californicus [4446] 417
Trichorhyssemus riparius [1121] 36
Triclistus spp. [5387] 526
Tricorymus extremus [1804] 81
Tricorynus conophilus [1582] 40
Tricorynus gibbulum [49] 8
Tricorynus obsoletus [3910] 362
Trielis spp. [3725] 323
Triepeolus timberlakei [912] 27
Triglyphulus spp. [2628] 147 335
Trigonorhinus limbatus [54] 8
Trigonorhinus spp. [55] 8 52
Trigonorhinus tomentosus [4387] 415 417
418 419
Trigonorhinus tomentosus irregularis [4460] 418
Trigonoscutea spp. [4476] 419
Trimerotropis arenacea [5105] 526
Trimerotropis caeruleipennis [2830] 174
Trimerotropis campestris [1801] 80
Trimerotropis cyaneipennis [5106] 526
Trimerotropis gracilis gracilis [2893] 212 421
Trimerotropis gracilis sordida [1802] 80
Trimerotropis laticincta [2894] 212
Trimerotropis pallidipennis [5963] 294
Trimerotropis pallidipennis pallidipennis [4522] 421
Trimerotropis pistrinaria [2851] 184
Trimerotropis sparsa [2895] 212
Trimerotropis texana [2892] 212
Trimytis pruinosa [1131] 36
Triodoclytus lanifer [3813] 325
Triorophus laevis [2210] 102
Triorophus lariversi [3890] 361
Triorophus tenebratulus [3891] 361
Trioza collaris [2971] 229
Trioza diospyri [254] 8
Trioza maura [5810] 528
Trioza nigrilla [5811] 528
Tripedia nova [3650] 296
Trirhabda attenuata [2562] 139 433
Trirhabda canadensis [2227] 115 208 246
528
Trirhabda confusa [4599] 433
Trirhabda convergens [1084] 36 323
Trirhabda diducta [3596] 280 433
Trirhabda flavolimbata [3050] 229 433
Trirhabda geminata [4621] 433
Trirhabda labrata [4600] 433
Trirhabda lewisii [2740] 148 433 526
Trirhabda luteocincta [4598] 433 528
Trirhabda nitidicollis [1557] 40 71 127
139 156 186 433 526
Trirhabda pilosa [1558] 40 139 148 156
171 211 223 429 433 591
Trirhabda sericotrachyla [4620] 433
Trirhabda spp. [4388] 415 536

Trishoromyia canadensis [2461] 123 147
Trissolcus utahensis [445] 224
Tritogenaphis ambrosiae [4613] 439
Tritogenaphis erigeronensis [4614] 439
Tritogenaphis escalantis [4612] 439
Tritogenaphis gutierrezia [591] 14
Tritogenaphis kosacaudis [4611] 439
Tritogenaphis utahensis [590] 14
Tritoxa cuneata [155] 8
Trogloderus costanus [4218] 384
Trogloderus tuberculatus [3892] 361
Troxoxylon parallelipedum [1816] 81
Trox tuberculatus [1122] 36
Trupanea actinobola [175] 8 370
Trupanea bisetosa [1911] 98 370 418 526
Trupanea californica [4023] 370
Trupanea conjuncta [4051] 370
Trupanea femoralis [1830] 91 323 370
Trupanea imperfecta [4043] 370
Trupanea jonesi [467] 32 370 526
Trupanea nigricollis [504] 370
Trupanea nigricornis [2484] 370 526
Trupanea pseudovicina [4025] 370
Trupanea radifera [1912] 98 323 370
Trupanea signata [176] 8 370
Trupanea spp. [4447] 417 421
Trupanea stigmatica [1741] 52
Trupanea wheeleri [4027] 370 424
Trypeta angustigena [4020] 370
Trypeta baccharis [5793] 528
Trypherus spp. [73] 8
Trypodendron cavifrons [4175] 373
Trypodendron retusus [4176] 373
Trypoxylon bidentatum [5557] 527
Trypoxylon frigidum [4301] 402 527
Trypoxylon sculleni [5558] 527
Trypoxylon tridentatum [5556] 527
Tuberculatus californicus [2128] 99
Tuberculatus maureri [2129] 99
Tuberolachnus salignus [612] 18 35 99
Tuberolachnus viminalis [4972] 517
Tubifera tenax [2268] 116
Tubulifera spp. [4304] 402
Tullbergia collis [748] 23
Tullbergia granulata [749] 23
Tuponia spp. [1750] 52 421
Tychius setosus [1734] 52
Tychius spp. [366] 8
Tychius tectus [5222] 526
Tylocentrus reticulatus [2509] 125
Tyndaris olneyae [2550] 137 156
Typhlocyba melite [4659] 468
Typocerus balteatus [4230] 386 399
Uclesia spp. [2785] 161
Ufens spp. [1186] 36 323
Ufeus faunus [4780] 491
Ufeus hulsti [4779] 491
Unaspis euonymi [4094] 372
Uroleucon aaroni [2073] 99
Uroleucon ambrosiae [2074] 99
Uroleucon escalantii [2075] 99
Uroleucon zeroquiterrezieae [2190] 99
Urophora formosa [1829] 91 370
Urophora timberlakei [3721] 323 370
Utamphorophora crataegi [2094] 99 117
Valentibulla californica [4024] 370
Vanduzia spp. [2510] 125
Vanduzia laeta [245] 8
Vanduzia triguttata [4375] 415 416 424
Vanessa annabella [5066] 522
Vectura albicans [1882] 98
Veromessor pergandei [2206] 102 104
Vespa spp. [3766] 343
Villa agrippina [5269] 526
Villa alternata alternata [5270] 526
Villa lateralis lateralis [5271] 526
Villa morio [5272] 526
Villa nugator [5273] 526
Villa spp. [1135] 36 323 526
Volucella apicifera [4341] 411
Volucella bomylans rufomaculata [5288] 526
Volucella esuriens [4336] 411 528
Volucella isabellina [4340] 411
Volucella lutzi [3128] 250
Volucella marginata [3127] 250
Volucella mexicana [3129] 250
Volucella nigra [3130] 250
Volucella tau [3131] 250 420
Voria ruralis [3093] 229 526
Vrilletta decorata [1568] 40
Wahlgreniella nervata [1029] 35 116
Walshia amorphella [2836] 175 402
Walshomyia juniperina [1572] 40 373
Wahlgreniella nervata [2151] 99
Willemia intermedia [750] 23
Willemia similis [751] 23
Wohlfahrtia vigil [5327] 526
Xanthia lutea [4819] 491
Xanthippus corallipes [1218] 36 82 98 132 323
Xanthippus corallipes buckelli [1803] 80
Xanthippus corallipes corallipes [1776] 59
Xanthippus lateritius [4523] 421
Xanthomelanodes californicus [5334] 526
Xanthophyto spp. [3094] 229
Xanthopygus cacti [4346] 411
Xenodusa reflexa [2794] 161
Xenoglossodes eriocarpi [4940] 504
Xenylla grisea [752] 23
Xenylla maritima [2572] 144
Xenylla welchi [753] 23
Xerophilaphis tetrapteralis [2055] 99 224
Xerophilaspis prosopidis [4123] 372
Xerophloea peltata [227] 8 323 415 417 419 424
Xerophloea viridis [27] 41 98 421
Xerosaprinus fimbriatus [1107] 36
Xestoleptura crassipes [5629] 528
Xyalophora quinquelineata [2788] 161
Xyela concava [1604] 40
Xyela deserti [1605] 40
Xyela minor [4275] 393
Xyela spp. [4274] 393
Xyleborus dispar [2704] 147
Xyleborus saxeseni [2703] 147
Xylena brucei [4783] 491
Xylena curvimacula [4785] 491
Xylena nupera [4784] 491
Xyletinus nr. lugubris [50] 8
Xyloblaptus quadrispinosus [1815] 81
Xylocopa californica arizonensis [4956] 504
Xylocopa orpifex [4512] 420
Xylocopa tabaniformis androleuca [4957] 504
Xylocopa varipuncta [4493] 420 504
Xylocrius agassizi [5686] 528

Xylocrius cribratus [4008] 368
 Xylomania crucialis [4773] 491
 Xylomania hiemalis [4775] 491
 Xylomania spp. [4774] 491
 Xylomyges curialis [3921] 362 491
 Xylomyges rubrica [4778] 491
 Xylomyges simplex [1626] 40
 Xylosteus ornatus [3784] 325
 Xylotrechus annosus [4292] 399
 Xylotrechus insignis [2693] 147 373 528
 Xylotrechus mormonus [2694] 147
 Xylotrechus nunenmacheri [2695] 147
 Xyonysius californicus [178] 8 36 323
 Yrias crudelis [4836] 491
 Yrias repentis [4837] 491
 Yrias volucris [4835] 491
 Zabrotes spectabilis [67] 8
 Zadiprion rohweri [1592] 40
 Zagloba hystrix [335] 8
 Zagrammosoma spp. [440] 26
 Zale lunata [4840] 491
 Zale minerea [4841] 491
 Zale rubi [4856] 491
 Zaleops umbrina [4834] 491
 Zanysson texanus [3546] 526
 Zaraea americana [2608] 147
 Zatropis capitis [3648] 293 299 339
 Zatropis spp. [1998] 98 526

Zatypota percontatoria [5366] 526
 Zele spp. [1169] 36
 Zelleria gracilariella [5687] 528
 Zelus renardii [1671] 47 52
 Zelus socius [1754] 52 98 421
 Zenillia confinis [4489] 420
 Zenillia spp. [4575] 421
 Zerene cesonia [5003] 522
 Zerene eurydice [5596] 528
 Zicrona caerulea [2642] 147
 Zodion americanus [5285] 526
 Zodion fulvifrons [2402] 526
 Zonitis atripennis [107] 8
 Zosteropoda hirtipes [4755] 491
 Zotheca tranquilla [4808] 491
 Zycloptera atripennis [4216] 383
 Zygogramma conjuncta [3144] 255
 Zygogramma disrupta [316] 8
 Zygogramma tortuosa [4442] 417
 Zyxaphis canae [2022] 99
 Zyxaphis chrysothamni [2076] 99
 Zyxaphis chrysothamnicola [2077] 99
 Zyxaphis crypta [2078] 99
 Zyxaphis filifoliae [2023] 99
 Zyxaphis hermistonii [2024] 99
 Zyxaphis infrequens [2048] 99
 Zyxaphis minutissima [2025] 99
 Zyxaphis oregonensis [2029] 99
 Zyxaphis utahensis [2049] 99 249

Plant to Bibliography Index

This index is organized alphabetically by plant scientific name. Bracketed numbers following the names are listing numbers found in the "Plant Listing," section IV. For example, the species *Acacia amentacea*, which is followed by the bracketed number "[839]," can be found in the "Plant Listing" as record number 839. Numbers not contained in brackets are listing numbers found in the "Bibliography Listing."

(Not examined plant species undetermined) [1134] 532 533 534 535 536 537 538 539 540 542 547 549 551 552 553 554 559 562 563 564 565 566 568 569 570 571 572 575 576 578 579 583 585 586 588

Acacia amentacea [839] 162

Acacia argustissima [2] 326

Acacia berlandieri [845] 169 244

Acacia constricta [3] 134 349 519

Acacia decurrens dealbata [1046] 372 491

Acacia falcinella [913] 276

Acacia farnesiana [844] 169 405 453 519 528

Acacia filicina [840] 162

Acacia filicioides [4] 519

Acacia flexicaulis [898] 244 260 372 453

Acacia greggii [5] 40 137 244 349 370 491 519

Acacia longifolia [876] 202 372

Acacia maidenii [914] 276

Acacia melanoxylon [896] 238 372

Acacia merrallii [915] 276

Acacia paucispina [1047] 372

Acacia spp. [1] 40 52 169 202 237 238 276 294 325 372 373 383 423 461 491 519 528 530

Acacia tortuosa [1064] 405

Acacia wrightii [899] 244

Acamptopappus sphaerocephalus [8] 370 491

Acer circinatum [1103] 491

Acer glabrum [12] 99 117 279 407

Acer grandidentatum [11] 7 22 35 99 115 116 117 119 344

Acer spp. [9] 44 116 117 131 148 172 200 222 279 325 428 462 491 497 519

Adenostoma fasciculatum [903] 251 279 325 433

Adenostoma sparsifolium [919] 279

Adenostoma spp. [1000] 370 420 428 528

Agave palmeri [1093] 461 510

Agave schottii [1092] 461

Agave spp. [17] 369 372 484 510 528

Allenrolfea occidentalis [23] 113 372

Alnus glutinosa [921] 279

Alnus rhombifolia [15] 39 45 528

Alnus rubra [925] 283 288

Alnus sinuata [46] 491

Alnus spp. [24] 38 68 325 373 385 468 491 493 519

Alnus tenuifolia [1065] 407 526 528

Ambrosia acanthicarpa [982] 355 380 424 473

Ambrosia ambrosioides [29] 52 63 355 376

Ambrosia aptera [846] 170 184

Ambrosia artemisifolia [927] 287 364 365 462 477 491

Ambrosia chamissonis [1057] 376 379 380 419 473

Ambrosia chenopodiifolia [1076] 417

Ambrosia confertiflora [983] 355 379 380 415 473

Ambrosia deltoidea [30] 52 88 376

Ambrosia dumosa [31] 68 88 93 102 242 358 379 380 384 418 473

Ambrosia eriocentra [26] 358 379 380 417 473

Ambrosia ilicifolia [1077] 417

Ambrosia psilostachya [842] 166 184 326 364 365 370 376 379 380 416 473

Ambrosia spp. [28] 52 61 117 170 197 278 279 294 355 370 372 439 477 491 522

Ambrosia trifida [937] 326 408 439 462 491 561

Amelanchier alnifolia [33] 99 131 360 399 407 526

Amelanchier florida [25] 491

Amelanchier pumila [632] 23

Amelanchier spp. [32] 12 40 99 123 147 148 151 279 372 491 522 528

Amorpha californica [40] 502 528

Amorpha canescens [41] 364 365 491 501

Amorpha fruticosa [42] 83 162 175 312 326 364 402 502 522

Amorpha spp. [39] 502

Arctostaphylos drupacea [1001] 370

Arctostaphylos glauca [1002] 370 372

Arctostaphylos manzanita [1044] 372 407 423

Arctostaphylos mumularia [1130] 39

Arctostaphylos patula [51] 234 372

Arctostaphylos pungens [52] 99 269 491

Arctostaphylos spp. [48] 40 52 148 150 279 370 372 385 528

Arctostaphylos tomentosa [1129] 39

Arctostaphylos uva-ursi [53] 372 522

Arctostaphylos viscida [1045] 372 385 407

Artemisia abrotanum [68] 143 225

Artemisia absinthium [69] 462

Artemisia arbuscula [55] 73 156 157 220 324 386

Artemisia californica [900] 246 271 370 433 440 498 541 582

Artemisia cana [57] 73 99 143 145 156 220 364 425 465

Artemisia cana cana [835] 157

Artemisia cana viscidula [834] 157

Artemisia caudata [987] 365

Artemisia dracunculoides (=A. dracunculus) [832] 143 191 245 323 364 522

Artemisia dracunculus [75] 271 370 425

Artemisia filifolia [76] 17 36 82 99 136 143 207 269 290 323 364 372

Artemisia frigida [70] 17 36 46 53 80 85 99 116 132 135 143 199 271 323 340 364 425 427 465

Artemisia glauca [986] 364 365

Artemisia heterophylla [906] 251 370

Artemisia longifolia [72] 99 145 513

Artemisia longiloba [58] 156 220

Artemisia ludoviciana [73] 17 35 82 99 184 273 287 295 356 364 365 366 375 425

Artemisia nova [59] 73 74 99 156 157 220

Artemisia rosea [1003] 370

Artemisia spinescens [78] 74 77
Artemisia spp. [54] 10 12 17 20 24 31 35
36 40 65 68 99 116 117 118 130 148 156
188 205 208 212 223 240 242 261 269 273
274 338 357 361 364 370 372 420 421 430
433 448 462 473 491 500 503 508 522 528
529 544 545 555 556 567 577 581
Artemisia tridentata [63] 2 3 4 6 9 10
13 17 19 20 21 23 24 25 26 29 31 32 35 37
40 46 68 73 74 76 80 86 98 99 111 115 116
117 118 121 127 136 138 139 143 145 156
157 170 171 174 198 211 212 220 231 239
240 242 249 251 253 256 262 269 271 273
279 322 324 347 366 370 383 386 404 425
429 433 450 463 465 490 496 498 499 509
511 513 526 591
Artemisia tridentata vaseyana [66] 386
Artemisia tripartita [67] 6 99 139 156
157 220 324 386
Artemisia vulgaris [593] 10 17 20 99 116
117 143 249 269 271 273 477 513
Atriplex argentea [98] 224
Atriplex argentia [591] 9 166
Atriplex canescens [83] 36 74 94 104 166
221 224 277 291 292 296 386 449 509 522
Atriplex confertifolia [84] 26 69 74 127
211 221 224 267 337 383 386 412 421
Atriplex corrugata [85] 74 337
Atriplex expansa [1004] 370
Atriplex gardneri [88] 267
Atriplex hortensis [948] 336
Atriplex hymenelytra [90] 292 519
Atriplex lentiformis [92] 52 114 166 221
292 522
Atriplex nuttalliana [989] 366
Atriplex nuttallii [596] 23 24 69 74 75
77 386
Atriplex nuttallii falcata [890] 224
Atriplex parryi [118] 331
Atriplex patula hastata [889] 224
Atriplex polycarpa [96] 113 114 166 281
291 292 370
Atriplex powelli [888] 224
Atriplex rosea [590] 9 138 142 180 224
254
Atriplex semibaccata [357] 55 58 113 370
Atriplex serenana [1005] 370
Atriplex spinosa [853] 174
Atriplex spp. [79] 9 24 31 49 52 88 99
110 224 255 256 261 279 294 303 331 336
338 364 370 372 397 503 519 528
Atriplex torreyi [134] 292
Atriplex tridentata [97] 221
Atriplex truncata [135] 217 224
Baccharis angustifolia [1061] 400
Baccharis emoryi [100] 370
Baccharis glutinosa [101] 325 370 522
Baccharis neglecta [975] 325 397 405
Baccharis pilularis [102] 229 279 293
299 339 370 372 433 441 460 476 519
Baccharis pilularis consanguinea [1006]
370
Baccharis sarothroides [103] 57 370 491
Baccharis sergiloides [104] 325 370 519
Baccharis spp. [99] 49 52 237 279 294
325 370 420 528 557
Baccharis texana [856] 184
Baccharis viminea [105] 370 372
Baccharis wrightii [598] 166
Berberis aquifolium [109] 491 509
Berberis nervosa [1007] 370
Berberis spp. (=Mahonia spp.) [108] 44
52 117 370 372 528
Berberis thunbergii [1079] 423
Berberis trifoliata [942] 326
Berberis vulgaris [597] 99 116
Betula fontinalis [910] 269 407 487
Betula nigra [887] 214
Betula occidentalis [117] 99 528
Betula papyrifera [274] 99 426
Betula pumila [886] 214
Betula spp. [115] 38 99 148 176 200 372
399 491 522
Betula verrucosa [119] 116
Canotia spp. [136] 519
Caragana spp. [467] 117 528
Carnegiea gigantea [139] 50 100 101 108
109 112 491
Carnegiea spp. [138] 484
Cassia bauhinioides [930] 311
Cassia bicapsularis [1113] 522
Cassia chamaecrista [838] 162
Cassia covesii [144] 519
Cassia fistula [1048] 372 491
Cassia nairobiensis [1080] 423
Cassia polyantha [1111] 502
Cassia spectabilis [1114] 522
Cassia spp. [142] 197 222 279 312 372
446 522 528
Cassia wislizenii [1112] 502
Ceanothus americanus [875] 197 372
Ceanothus arboreus [150] 195 372
Ceanothus cordulatus [345] 150 194 234
270 370
Ceanothus crassifolius [860] 194 370
Ceanothus cuneatus [346] 39 385 407 519
Ceanothus cyaneus [861] 194 195
Ceanothus divergens [862] 194
Ceanothus diversifolius [872] 195
Ceanothus fendleri [152] 522
Ceanothus glinosus [1052] 372
Ceanothus gloriosus [863] 194
Ceanothus greggii [153] 396
Ceanothus griseus [869] 195 268 282
Ceanothus griseus horizontalis [870] 195
Ceanothus impressus [864] 194
Ceanothus integerrimus [154] 194 195 372
407
Ceanothus jepsoni [1053] 372
Ceanothus lemmoni [343] 195
Ceanothus leucodermis [873] 195
Ceanothus lobbianus [874] 195
Ceanothus martinii [155] 123
Ceanothus oliganthus [871] 195
Ceanothus ovatus [985] 364
Ceanothus prostratus [156] 234
Ceanothus purpurea [865] 194
Ceanothus sanguineus [157] 131
Ceanothus soledatus [390] 39
Ceanothus spinosus [973] 325 372
Ceanothus spp. [149] 40 99 147 148 150
154 181 195 200 222 247 248 270 279 284
370 372 386 396 420 428 458 490 492 493
503 518 522 528
Ceanothus thyrsiflorus [158] 195 407
Ceanothus velutinus [159] 70 123 150 151
317 370 399 491 518
Celtis laevigata [877] 203 326 405
Celtis occidentalis [355] 160 251 372
407 462

Celtis reticulata [352] 137 400 407 519
Celtis spp. [160] 40 172 294 325 367 372 397 522 528
Ceratoides lanata [163] 93
Cercidium floridum [935] 315 349
Cercidium microphyllum [166] 52
Cercidium spp. [164] 40 52 294 325 369 372 528
Cercidium torreyanum [830] 137 325 407 519
Cercis canadensis [836] 160 162 279
Cercis occidentalis [168] 407
Cercis spp. [167] 462 491
Cercocarpus betuloides [356] 325 491
Cercocarpus ledifolius [171] 7 12 131 166 317 325 472
Cercocarpus montanus [172] 399 522
Cercocarpus parvifolius [829] 39 135 279 407 528
Cercocarpus spp. [169] 40 118 123 141 147 148 154 236 325 372 373 495 519 528
Cercocarpus velutinus [894] 233
Cereus fendleri [1075] 413
Cereus gigantea [1071] 411 514 528
Cereus giganteus [995] 367
Cereus macrogonus [996] 367
Cereus polyacanthus [1074] 413
Cereus schottii [824] 108
Cereus spp. [990] 367 369 372 528
Cereus thurberi [825] 108
Chamaebatiaria millefolium [174] 68 526
Chrysothamnus graveolens [831] 138 251
Chrysothamnus nauseosus [181] 2 3 4 5 6 7 9 10 15 16 19 20 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 40 68 70 71 99 115 116 117 118 119 127 128 136 139 156 174 215 220 272 274 307 323 325 344 359 364 370 386 392 406 439 455 464 511 520 526
Chrysothamnus nauseosus albicaulis [182] 187 307
Chrysothamnus nauseosus consimilis [185] 186 187 307
Chrysothamnus nauseosus graveolens [184] 99 187 307 464
Chrysothamnus nauseosus salicifolius [183] 307
Chrysothamnus nauseosus turbinatus [857] 187
Chrysothamnus paniculatus [1008] 370
Chrysothamnus parryi [186] 9 10 15 16 99 136 253 269 274 406 482 520
Chrysothamnus spp. [592] 9 10 12 13 15 19 21 24 26 27 29 31 32 33 34 35 36 37 40 44 46 68 99 116 117 118 128 134 136 148 164 212 242 253 256 261 269 272 274 361 370 381 399 425 433 449 452 462 465 475 491 580
Chrysothamnus viscidiflorus [191] 6 10 16 20 21 23 24 25 26 27 28 29 31 32 33 34 35 68 99 115 116 117 128 136 174 253 272 274 358 370 377 381 386 392 406 430 466 482 520 522 526
Chrysothamnus viscidiflorus lanceolatus [193] 19 386
Chrysothamnus viscidiflorus latifolius [388] 386
Chrysothamnus viscidiflorus puberulus [194] 370
Chrysothamnus viscidiflorus pumilus [1009] 370

Chrysothamnus viscidiflorus stenophyllus [195] 74
Chrysothamnus viscidiflorus typicus [1059] 386
Clematis drummondii [1063] 400
Clematis ligusticifolia [197] 134 146
Clematis paniculata [1131] 528
Clematis spp. [196] 212 491 528
Coleogyne spp. [200] 361
Condalia spp. [205] 325 372
Cornus californica pubescens [916] 279
Cornus nuttallii [644] 40 372
Cornus racemosa [1043] 372
Cornus spp. [209] 9 10 40 99 116 117 169 269 279 370 372 468 482 491 517 528
Cornus stolonifera [210] 99 222 526
Corylus rostrata [833] 150
Corylus spp. [214] 99 372 528
Coryphantha vivipara [217] 323
Cotoneaster franchetii [1081] 423
Cotoneaster horizontalis [866] 39 194
Cotoneaster microphylla [1055] 372
Cotoneaster pannosa [1082] 423
Cotoneaster parneyi [1083] 423
Cotoneaster salicifolia [1084] 423
Cotoneaster spp. [895] 39 237 372 480 528
Coursetia microphylla [222] 52
Coursetia spp. [221] 294 528
Covillea tridentata (= *Larrea tridentata*) [909] 264
Cowania mexicana [219] 490 522
Cowania spp. [218] 225
Crataegus carrierei [269] 39
Crataegus douglasii [473] 99 111 117
Crataegus rivularis [623] 117
Crataegus spp. [634] 35 40 99 117 213 269 279 360 372 397 435 491 498 519 522 528
Dalea californica [1010] 370
Dalea fremontii [228] 94 502
Dalea schottii [1011] 370
Dalea spp. [224] 372 502
Diplacus aurantiacus [943] 330 350 351 515
Diplacus longiflorus [1087] 440
Dryas integrifolia [1116] 522
Dryas spp. [231] 522
Echinocactus grusonii [947] 332
Echinocactus setispinus [999] 367
Echinocactus spp. [235] 367 483 484
Echinocactus wislizenii [1072] 413
Echinocereus engelmannii [637] 36
Echinocereus fendleri [516] 7 35
Echinocereus spp. [239] 168 391 397 451
Echinocereus viridiflorus [642] 36 323
Elaeagnus angustifolia [242] 99 117
Elaeagnus spp. [241] 528
Encelia californica [981] 355 370 440 522
Encelia farinosa [640] 52 355 370 372 433 445
Encelia frutescens [530] 370
Encelia frutescens frutescens [1012] 370
Encelia spp. [641] 49 370
Ephedra aspersa [529] 374
Ephedra nevadensis [244] 93 372 384
Ephedra spp. [243] 291 361 428 519
Ephedra trifurca [246] 312 374
Eriodictyon californicum [924] 280 433 472

Eriodictyon crassifolium [1013] 370
Eriodictyon spp. [248] 370 433 528
Eriodictyon trichocalyx [1014] 370
Eriogonum abertianum [931] 311
Eriogonum angulosum [1090] 459
Eriogonum annuum [880] 207
Eriogonum arborescens [1108] 498
Eriogonum corymbosum [251] 99 498 522
Eriogonum effusum [635] 36 323 522
Eriogonum fasciculatum [252] 231 325 348 370 372 420 498
Eriogonum fasciculatum poliofolium [1015] 370
Eriogonum flavum [1117] 522
Eriogonum fruticulosum [557] 40
Eriogonum gracile [1016] 370
Eriogonum heracleoides [556] 526
Eriogonum inflatum [897] 242 334 370
Eriogonum jamesii [1115] 522
Eriogonum kearneyi [1118] 522
Eriogonum latifolium [1109] 498
Eriogonum leptocladon [253] 522
Eriogonum multiflorum [979] 325
Eriogonum ovalifolium [564] 526
Eriogonum ovalifolium depressum [1127] 526
Eriogonum parvifolium [1051] 372
Eriogonum racemosum [1119] 522
Eriogonum rotundifolium [932] 311
Eriogonum spp. [250] 36 51 54 59 99 105 113 166 183 242 279 370 420 452 458 465 491 507 519 522 526 527 528
Eriogonum thomasi [1017] 370
Eriogonum umbellatum [255] 132 522 526
Fallugia spp. [259] 225
Ferocactus spp. [588] 7
Forestiera acuminata [1060] 388
Forestiera ligustrina [933] 313
Forestiera spp. [263] 321
Franseria acanthicarpa [1018] 370
Franseria bipinnatifidia [1019] 370
Franseria chamissonis bipinnatisecta [1020] 370
Franseria chenopodiifolia [1021] 370
Franseria dumosa [1040] 294 372
Franseria spp. (=Ambrosia) [265] 294 370 372
Garrya elliptica [1132] 528
Garrya spp. [270] 528
Gaultheria humifusa [273] 522
Gaultheria shallon [645] 40
Gaultheria spp. [272] 200
Grayia spinosa [282] 6 93 384 404
Grayia spp. [280] 361
Gutierrezia californica [284] 51 54 59 113 370
Gutierrezia longifolia [619] 14
Gutierrezia lucida [1041] 372
Gutierrezia microcephala [827] 126 370
Gutierrezia sarothrae [285] 7 25 35 36 126 128 129 251 311 323 364 366 370 386 425 433 449 491 525 546 548
Gutierrezia spp. [283] 10 31 35 36 40 96 115 116 118 120 128 166 261 272 274 294 325 326 338 357 370 372 399 406 528
Gutierrezia wrightii [1100] 491
Haplopappus acradenius [1022] 370
Haplopappus bloomeri [652] 370
Haplopappus cooperi [1023] 370
Haplopappus coronopifolia [978] 325
Haplopappus drummondi [977] 325
Haplopappus ericoides [1024] 370 433
Haplopappus heterophyllus (=Icosoma wrightii) [1038] 372 491
Haplopappus laricifolius [1039] 372
Haplopappus linearifolius [656] 128 370 372
Haplopappus pinifolius [1025] 370
Haplopappus propinquus [1026] 370
Haplopappus spinulosus [936] 323 364
Haplopappus spp. (=Aplopappus =Icosoma) [651] 52 96 128 166 294 364 370 425 477
Haplopappus squarrosus [984] 355 433 473
Haplopappus venetus [812] 91 355 370
Haplopappus venetus vernonioides [1027] 370
Heteromeles arbutifolia [879] 204 325 407
Heteromeles spp. [1133] 528
Holodiscus discolor [289] 286 458 491 526
Holodiscus spp. [288] 491
Houstonia spp. [665] 184
Hymenoclea salsola [294] 370 473
Hymenoclea spp. [291] 528
Hyptis emoryi [298] 52 370
Indigofera spp. [299] 462
Juniperus californica [1056] 373
Juniperus communis [310] 99 372
Juniperus monosperma [668] 372 373
Juniperus occidentalis [1049] 372 407 519
Juniperus osteosperma (=J. utahensis) [312] 23 24 40 99 115 386
Juniperus scopulorum [923] 373 519 526
Juniperus spp. [309] 20 24 115 130 144 325 328 361 372 373 383 397 399 449 509 518 519 522
Juniperus utahensis (=J. osteosperma) [1050] 372 373 399 440 517
Kalmia spp. [314] 222
Kochia prostrata [587] 41
Kochia scoparia [638] 36 63 65 90 323 364 501
Kochia spp. [317] 117 465 528
Krameria parvifolia [324] 93 491
Larrea divaricata [813] 94 95 102 294 370
Larrea spp. [325] 115 294 370 372 383 504 528
Larrea tridentata [327] 40 52 67 88 93 104 156 170 227 242 279 297 311 315 372 384 390 403 428 433 506 523 550
Larrea tridentata glutinosa [841] 166
Lemaireocereus thurberi [820] 100 101 158
Lepidospartum squamatum [826] 113
Lippia lanceolata [1120] 522
Lippia nodiflora [1121] 522
Lippia spp. [676] 52 522 528
Lippia wrightii [677] 145
Lonicera caprifolium [1104] 491
Lonicera involucrata [334] 20 99 196 265 298 498 522
Lonicera periclymenum [920] 279
Lonicera spp. [332] 218 225 326 372 462 528
Lonicera tatarica [683] 477
Lophocereus schottii [817] 100 101 158 159 182 210 219

Lupinus amplus [855] 177
 Lupinus arboreus [1088] 442
 Lupinus argenteus [852] 173 209 522
 Lupinus bakeri [849] 173
 Lupinus caudatus [851] 173 209 526
 Lupinus chamissonis [892] 232
 Lupinus floribundus [850] 173
 Lupinus parviflorus [1122] 522
 Lupinus pusillus [881] 207 323 364
 Lupinus sericeus [882] 209
 Lupinus spp. [684] 49 51 52 68 99 116
 117 185 269 325 370 386 389 458 462 491
 511 522 526
 Lupinus texensis [940] 326
 Lupinus variicolor [893] 232
 Lycium andersonii [337] 93 384
 Lycium exsertum [339] 102
 Lycium pallidum [341] 51 54 59 93 384
 Lycium spp. [336] 49 52 361 428
 Machaereocereus gummosus [821] 100 101
 158
 Maclura pomifera [690] 372
 Mahonia aquifolium [1028] 370 372 423
 462
 Mahonia japonica [1085] 423
 Mammillaria spp. [1073] 413
 Morus rubra [1069] 408
 Morus spp. [837] 160 326 372 528
 Opuntia acanthocarpa [361] 310
 Opuntia arborescens [992] 367 413
 Opuntia arbuscula [1096] 168
 Opuntia azurea [967] 346
 Opuntia basilaris [362] 332 411
 Opuntia bernardina [998] 367
 Opuntia comoduensis [958] 346
 Opuntia cycloides [993] 367
 Opuntia decumbens [957] 346
 Opuntia dillenii [963] 168 346
 Opuntia elongata [997] 367
 Opuntia engelmanni [808] 46 168 346 367
 413 451 494
 Opuntia ficus indicus [364] 346
 Opuntia fragilis [365] 52 192
 Opuntia fulgida [991] 168 367 478
 Opuntia gosseliniana [962] 346
 Opuntia grandiflora [952] 346
 Opuntia humifusa [811] 82 163 192
 Opuntia inermis [366] 168
 Opuntia lata [1094] 168
 Opuntia leptocaulis [843] 168 367
 Opuntia leucotricha [959] 346
 Opuntia lindheimeri [994] 168 367 391
 405 451 494
 Opuntia linguiformis [956] 346
 Opuntia littoralis [901] 250 346
 Opuntia macrorhiza [828] 127 178
 Opuntia megacantha [965] 168 346
 Opuntia microdasys [955] 346
 Opuntia occidentalis [961] 346
 Opuntia oricola [902] 250 346
 Opuntia phaeacantha [367] 100 310
 Opuntia polyacantha [368] 36 64 77 111
 161 300 301 323 346 366 494 526
 Opuntia pycnantha [970] 346
 Opuntia rhodantha [701] 215 526
 Opuntia robusta [969] 346
 Opuntia rufida [944] 332
 Opuntia santarita [964] 346
 Opuntia scheerii [968] 346
 Opuntia spinosissima [954] 346
 Opuntia spp. [360] 40 62 99 101 102 156
 168 181 212 242 266 279 300 301 302 332
 338 367 369 372 391 397 413 436 437 443
 447 451 461 470 471 481 483 484 485 516
 521 524 528 558
 Opuntia stenopetals [953] 346
 Opuntia streptachantha [960] 346
 Opuntia stricta [1095] 168
 Opuntia subulata [945] 332
 Opuntia tomentosa [966] 346
 Opuntia tortispina [1107] 494
 Opuntia vaseyi [951] 346
 Opuntia versicolor [1097] 168
 Opuntia vulgaris [946] 332
 Opuntia wilcoxii [823] 100 101
 Pachycereus pectenaboriginum [819] 100
 Pachycereus pringlei [818] 100 101 158
 Parthenium incanum [713] 372
 Philadelphus lewisii [718] 526
 Philadelphus mexicanus [1086] 423
 Phyllodoce empetrififormis [384] 9
 Pinus edulis [926] 40 285 304 305 309
 342 363 371 373 393 395 401 407
 Pinus monophylla [929] 40 309 325 370
 371 373 393 407 454 517 519
 Pinus spp. [950] 343 361 369 449 589
 Pluchea camphorata [1029] 370
 Pluchea foetida [1030] 370
 Pluchea imbricata [1031] 370
 Pluchea purpurascens [1032] 370
 Pluchea sericea [393] 52 166 264 279 370
 372
 Pluchea spp. [392] 52 370
 Prosopis chilensis [908] 264
 Prosopis glandulosa [407] 78 79 83 84
 127 156 162 169 235 311 316 400
 Prosopis glandulosa glandulosa [810] 81
 106 125 382
 Prosopis juliflora [408] 88 92 137 165
 264 325 326 405 407 519 522
 Prosopis juliflora torreyana [1033] 370
 Prosopis odorata [907] 264
 Prosopis pubescens [409] 162
 Prosopis spp. [406] 40 49 52 96 162 166
 167 169 172 217 294 302 319 325 369 372
 373 383 428 461 491 519 522 528 531 543
 560 573 574 584 587
 Prosopis velutina [410] 162 264 372
 Prunus andersonii [719] 150
 Prunus besseyi [606] 230
 Prunus demissa [720] 150 407 491
 Prunus emarginata [413] 43 150 234 317
 370 372 385 407 518
 Prunus ilicifolia [722] 191 372 492
 Prunus japonica [723] 99
 Prunus lyonii [858] 191 423
 Prunus melanocarpa [625] 19 399
 Prunus pennsylvanica [607] 370
 Prunus spinosa [726] 528
 Prunus spp. [411] 24 35 40 44 48 99 110
 117 148 150 151 154 160 169 172 225 279
 370 428 432 462 491 519 522 528
 Prunus subcordata [727] 39
 Prunus virginiana [415] 7 23 31 43 99
 230 269 354 370 460 491 518 522 526 528
 Prunus virginiana demissa [891] 230 370
 512
 Ptelea spp. [421] 500
 Ptelea trifoliata [424] 326 522
 Purshia spp. [425] 140 141 154 335 373
 491 590

Purshia tridentata [427] 1 56 60 70 72
 73 76 122 123 127 131 147 148 149 150 151
 152 153 155 156 220 225 226 243 317 333
 404 491 495 518 519 522 526
Quercus arizonica [429] 407 528
Quercus chrysolepsis [728] 325 333 407
 444 522
Quercus dumosa [430] 279 306 325 341 348
 444 498 519
Quercus dunni [949] 341
Quercus emoryi [431] 137 228 407 519 528
Quercus gambelii [432] 99 116 117 239
 269 407 482 498 519 522 528
Quercus marilandica [848] 170
Quercus spp. [428] 10 52 99 103 117 131
 134 145 148 150 154 166 169 170 172 179
 189 200 212 222 241 270 279 294 462 491
 528
Quercus stellata [847] 170
Quercus turbinata [1106] 491
Quercus turbinella [439] 341
Quercus turbinella californica [971] 348
Rathbunia alamosensis [822] 100 158
Rhamnus californica [443] 39 325 341 370
 372 407 423
Rhamnus crocea [859] 39 191
Rhamnus douglasiana [1091] 459
Rhamnus purshiana [444] 40 45 372
Rhamnus spp. [441] 96 150 325 372 462
 500 519 522 528
Rhus aromatica [448] 326
Rhus diversiloba [1068] 407 479 498
Rhus glabra occidentalis [1066] 407
Rhus integrifolia [976] 325 423
Rhus ovata [453] 325 345 423
Rhus radicans [555] 365
Rhus spp. [446] 20 42 160 279 372 428
 435 462 491 528
Rhus toxicodendron [1110] 498
Rhus trilobata [455] 12 325 328 372
Rhus virens [941] 326 328
Ribes aureum [458] 99 422 491
Ribes cereum [460] 99 145 422 522 526
Ribes cereum inerme [814] 99
Ribes divaricatum [1123] 522
Ribes glutinosum [912] 275
Ribes grossularia [911] 275
Ribes montigenum [466] 275
Ribes nigrum [922] 279
Ribes petiolare [468] 99 275
Ribes roezli [470] 150
Ribes sanguineum [268] 39
Ribes spp. [457] 10 11 35 40 44 99 117
 148 154 190 200 213 225 269 275 368 370
 372 422 465 468 480 486 491 522 528
Rosa acicularis [479] 111 427
Rosa arkansana [610] 364 365
Rosa californica [972] 353 444
Rosa fendleri [477] 9 35 117 239
Rosa nutkana [478] 20 353
Rosa spp. [475] 25 35 37 40 44 99 115
 116 117 131 136 148 150 151 172 222 269
 317 318 326 370 372 397 425 428 462 464
 468 487 488 491 517 518 519 528
Rosa woodsii [480] 99 431 526
Rubus chamaemorus [1124] 522
Rubus idaeus [484] 99 116
Rubus laciniatus neomexicanus [755] 469
 498
Rubus nutkanus [1089] 444
Rubus occidentalis [611] 528
Rubus parviflorus [486] 117 392 394 491
 526
Rubus spectabilis [1101] 491
Rubus spp. [481] 117 200 218 222 259 263
 279 326 370 372 409 456 462 468 469 480
 491 519 528
Rubus strigosus [487] 117
Rubus vitifolius [488] 39
Salix babylonica [854] 39 176 407
Salix cordata [883] 214
Salix ellegantissima [621] 18
Salix exigua [496] 52 370 431 434 522
Salix fendleriana [905] 251
Salix fluviatilis [624] 18 258
Salix fragilis [1128] 39
Salix glauca [762] 134
Salix goodingii [1034] 370
Salix interior [612] 36
Salix laevigata [764] 39
Salix lasiandra [765] 407
Salix lasiolepis [767] 39 370 407 519
Salix lemmonii [768] 370
Salix lucida [884] 214
Salix lutea [622] 18 439 455
Salix monticola [769] 407
Salix nigra [1054] 372 397 399 400
Salix nivalis [498] 522
Salix nuttallii [1067] 407
Salix phylicifolia [772] 279
Salix regalis [620] 18
Salix rigida [774] 99
Salix scouleriana [1058] 378
Salix sericea [885] 214
Salix sitchensis [1070] 410
Salix spp. [491] 9 10 12 15 18 19 20 21
 24 27 31 35 36 37 38 42 44 45 52 99 103
 115 116 117 118 123 131 133 134 147 148
 150 151 154 190 206 221 237 242 258 269
 279 294 325 357 365 370 372 373 385 398
 399 405 407 408 414 420 428 431 434 439
 457 462 467 486 489 491 493 505 517 519
 522 526 528
Salvia californica [904] 251
Salvia coccinea [939] 326
Salvia farinacea [938] 326
Salvia lanceolata [1062] 400
Salvia mellifera [1078] 420
Salvia spp. [501] 352 420 500
Sambucus canadensis [506] 99
Sambucus cerulea (=S. glauca) [507] 99
Sambucus glauca (=S. cerulea) [1035] 372
 491
Sambucus melanocarpa [508] 117 216
Sambucus racemosa microbotrys [815] 99
Sambucus spp. [505] 49 99 148 150 237
 325 370 372 435 477 491 526 527 528
Sarcobatus spp. [594] 24 27 31 130 169
 212 252 528
Sarcobatus vermiculatus [586] 6 23 24 31
 35 74 99 116 117 198 212 221 251 322 331
 364 366 386 421 425 449 482 491 509
Shepherdia argentea [519] 134
Shepherdia canadensis [520] 99 185
Shepherdia spp. [518] 528
Simmondsia californica [523] 428
Simmondsia chinensis [778] 52 284 345
 362
Simmondsia spp. [522] 294 372
Sophora sericea [639] 36 323

Sophora spp. [524] 528
Spiraea alba [988] 365
Spiraea discolor [918] 279
Spiraea douglasii roseata [782] 491
Spiraea latifolia [1099] 491
Spiraea salicifolia [1105] 491
Spiraea spp. [526] 35 44 99 116 372 423 491 528
Spiraea vetchi [1037] 372
Symphoricarpos albus [535] 44
Symphoricarpos occidentalis [538] 111 193 364 365 501 522
Symphoricarpos orbiculatus [616] 308 425
Symphoricarpos oreophilus [539] 99 522 526
Symphoricarpos racemosus (=S. rotundifolius) [540] 370 407 477
Symphoricarpos rotundifoliae [1098] 489
Symphoricarpos spp. [534] 18 23 24 35 40 46 99 116 117 148 289 370 372 480 491 509 511 518 528
Syringa japonica [867] 194
Syringa persica [868] 194
Syringa spp. [544] 279 372 458 474 528
Syringa vulgaris [547] 89 194 372
Tamarix articulata [878] 203
Tamarix gallica [807] 47 49 370
Tamarix pentandra [789] 68
Tamarix spp. [787] 52 361 372 528
Tetradymia canescens [617] 20 24 32 34 99 124
Tetradymia glabrata [550] 421
Tetradymia glauca [1042] 372
Tetradymia spp. [548] 27 35 527
Thamnosma montana [553] 107 191

Umbellularia californica [809] 45 189 279 325 372 385 423 498
Umbellularia spp. [974] 325 373 528
Vaccinium caespitosum [618] 522
Vaccinium parvifolium [562] 491
Vaccinium spp. [558] 40 135 200 213 222 370 468 491 522
Vaccinium uliginosum [1125] 522
Viburnum opulus [627] 19 116 117 201
Viburnum opulus sterile [816] 99
Viburnum spp. [570] 44 99 370 372 491 528
Viburnum tinus [1036] 372
Vitis spp. [797] 57 237 414 528
Xanthocephalum microcephalum [575] 66
Xanthocephalum sarothrae [576] 66 85 87 99
Xanthocephalum spp. (=Gutierrezia spp.) [573] 8
Yucca angustissima [578] 522
Yucca baccata [580] 522
Yucca baileyi [799] 522
Yucca brevifolia [581] 49 279 327
Yucca constricta [1126] 522
Yucca filamentosa [917] 279 327
Yucca glauca (=Y. kanabensis) [583] 36 64 82 323 522
Yucca harrimaniae [584] 522
Yucca schidigera [802] 279 327 370 522
Yucca schottii [585] 327
Yucca spp. [577] 52 99 166 279 302 314 338 369 370 372 383 420 423 435 458 484 510 528
Yucca treculeana [934] 314
Yucca whipplei [980] 327 387 438

Author to Bibliography Index

This index is organized alphabetically by author name. Numbers in the index are listing numbers found in the "Bibliography Listing."

- Ahrens, M.C. 61
 Aker, C.L. 387
 Alcorn, S.M. 50 112
 Allen, M.W. 240 259 271 275 422 469
 Allred, B.W. 111
 Allred, D.M. 361
 Ames, C.T. 411
 Anderson, D.M. 313
 Anderson, N.L. 53 129 366 425
 Andres, L.A. 533
 Anonymous 205 591
 Antonelli, A.L. 426
 Appleby, J.E. 89
 Atsatt, P.R. 582
 Bailey, C.G. 427
 Bailey, J.C. 203
 Bailey, S.F. 4 5 428
 Baker, B.H. 60
 Balduf, W.V. 208
 Ball, E.D. 145 166
 Banfill, J.C. 579
 Banham, F.L. 429
 Barnes, O.L. 55 58
 Barr, W.F. 69 148 386 518 526
 Barss, H.P. 368
 Barstow, D.A. 431
 Basile, J.V. 56 72 140
 Baskin, R. 285
 Beavis, W.D. 87
 Beetle, A.A. 157
 Bellows, T.S. Jr. 87
 Benbow, S.M. 290
 Benjamin, F.H. 432
 Bethune, T.D. 360
 Bibby, F.F. 49 52
 Bilsing, S.W. 172
 Bischoff, D.L. 398
 Blaisdell, J.P. 267
 Blake, D.H. 433 434
 Blanc, F.L. 370
 Bleak, A.T. 74
 Blickenstaff, C.C. 336
 Bodine, M.C. 84 106
 Bohart, G.E. 26 27 30 33 34 122 215 224 435
 Bohart, R.M. 527
 Bottimer, L.J. 312
 Brand, M.R. 446
 Brandhorst, C.T. 402
 Braun, A.F. 492
 Breedlove, D.E. 173 177
 Brett, C.H. 175
 Brewer, J.W. 285 304 342 343 363 401 589
 Bright, D.E. Jr. 371
 Brisley, H.R. 235
 Brower, L.P. 565
 Brown, F.M. 522
 Brown, J.H. 92
 Brusven, M.A. 365 579
 Bryan, D.E. 458
 Bryan, G. 456
 Bugbee, R.E. 178 328 392 396 409
 Burke, H.E. 39 137 407 571
 Burleson, W.H. 85
 Burnett, J.A. 306
 Burrus, R. 525
 Burton, C.E. 560
 Busck, A. 471
 Butler, G.D. Jr. 50
 Byers, J.A. 589
 Calhoun, D. 555
 Campbell, J.B. 364
 Carey, L.E. 277
 Carlson, F.W. 42
 Carolin, V.M. 40
 Carroll, S.C. 300
 Carruth, L.A. 47
 Carter, W. 142
 Casey, T.M. 105
 Caudell, A.N. 570
 Center, T.D. 97
 Chamberlin, W.J. 236 493
 Chamrad, A.D. 523
 Chemsak, J.A. 583
 Christenson, L.D. 213
 Christian, P.J. 468
 Chu, C.C. 280
 Chu, J. 559
 Clark, E.C. 150 243
 Clark, S.M. 355
 Clark, W.D. 310
 Clark, W.E. 313 321 388
 Cochran, L.C. 230
 Cockerell, T.D.A. 196 413 443 483 521
 Cole, A.C. Jr. 138
 Collman, S.J. 474
 Cone, W.W. 6
 Cook, C.W. 163
 Cook, P.P. Jr. 390 506
 Cook, W.C. 113 114
 Coombs, E.M. 122 224
 Cooper, D.M. 103
 Coppel, H.C. 176
 Coquillet, D.W. 470
 Cott, H.E. 279
 Coyner, W.R. 585
 Craighead, F.C. 319
 Crumb, S.E. 491
 Cushman, R.A. 162
 Dalen, R. 186
 Dameron, W.H. 494
 Daniels, L.B. 447
 Davidson, D.W. 92
 Davis, E.W. 44
 DePree, D.J. 316
 DeVita, J. 95
 DeVol, J.E. 346
 Dean, H.A. 203
 Decker, G.C. 408
 Deloach, C.J. 8
 Denna, D.W. 589
 Dobzhansky, T. 103
 Downey, J.C. 209 537
 Drake, C.J. 190 408
 Duck, L.G. 160
 Dyar, H.G. 481 485
 Eckert, R.E. Jr. 74
 Edgerton, P.J. 225
 Edney, E.B. 94 540
 Ehler, L.E. 293 299 339
 Ehrlich, P.R. 173 177 280 329 330 350 351 500 515
 Emmel, J.F. 107 191
 Emmel, T.C. 107 191
 Essig, E.O. 189 194 528 563

Falkenhagen, T.J. 548
 Fall, H.C. 260 266
 Fasoranti, J.O. 268 282
 Fautin, R.W. 421
 Fellows, D.P. 100
 Felt, E.P. 185 251 436 440 467
 Ferguson, R.B. 56 72 140
 Ferguson, W.E. 67
 Ferris, C.D. 522
 Fisher, C.K. 507
 Fisher, W.S. 519
 Fisser, H.G. 77 139
 Fleschner, C.A. 250
 Foote, R.H. 213 370 450 460
 Force, D.C. 327
 Forcella, F. 305 309
 Foster, D.E. 8 290
 Franco, P.J. 540
 Frankie, G.W. 202
 Frischknecht, N.C. 2 74
 Frommer, S.I. 284 362
 Fronk, W.D. 157
 Frost, S.W. 477
 Fry, B. 96
 Frye, R.D. 354
 Fullaway, D.T. 444
 Fuller, W.C. 537
 Fullerton, D.G. 157
 Furniss, M.M. 38 56 123 131 140 141 147
 148 151 152 226 317 518
 Furniss, R.L. 40
 Fye, R.E. 63 90
 Gagne, R.J. 291 356 379 395
 Garrison, G.A. 70
 Garrison, J.C. 83
 Gates, D.H. 73
 Geist, J.M. 225
 Gibo, D. 94
 Gibson, E.H. 197 270
 Gibson, K.E. 44
 Giesbert, E.F. 325 341
 Gillet, C. 304
 Gillette, C.P. 143 146 201
 Gittins, A.R. 431
 Giunta, B.C. 1
 Goeden, R.D. 250 292 346 358 380 415 416
 417 418 419 424
 Gordh, G. 303 516
 Gregg, R.E. 130
 Grodowitz, G.U. 287
 Grove, J.S. 182 219
 Grover, J.J. 92
 Grow, R.R. 578
 Hack, L. 561
 Hagel, G.T. 61
 Hagen, A.F. 364
 Hall, R.C. 45 220 448
 Halpern, E.A. 109
 Hamilton, A.G. 59 576
 Hamilton, K.G.A. 463
 Hamlin, J.C. 168 391 451
 Hansen, R.M. 82 207
 Hanson, W.J. 13 26 32 33 34
 Harmston, F.C. 9 10
 Harris, J.W. 176
 Haverfield, L.E. 198
 Hawkins, B.A. 281 291 292 303
 Hawks, R.B. 569
 Haws, B.A. 122 224
 Hay, C.J. 320
 Haynes, S. 94
 Hebard, M. 212 227 228
 Heed, W.B. 100 101 109 158 159 182 210
 Henry, J.H. 544
 Herndon, E.B. 524
 Herrick, G.W. 241
 Hewitt, G.B. 64 80 85 156 340 499
 High, M.M. 530
 Hille Ris Lambers, D. 498
 Hilliard, J.R. 588
 Hills, T.M. 584
 Hodges, R.W. 247
 Hoerner, J.L. 488
 Hogue, S.M. 536
 Holmgren, R.C. 267
 Homan, H.W. 430
 Hopfinger, J.C. 245
 Hopkins, L. 47
 Hormay, A.L. 149
 Horning, D.S. Jr. 526
 Houseweart, M.W. 363
 Hovanitz, W. 232 457
 Hovore, F.T. 314 325 331 341
 Howard, L.O. 554
 Hoyt, S.C. 200
 Hsiao, T.H. 188 545
 Hubbard, R.L. 153
 Huddleston, E.W. 120 126 156 503 573 584
 Huffaker, C.B. 211
 Hugie, H.K. 324
 Hull, A.C. Jr. 547
 Hunter, W.D. 367
 Hurd, P.D. Jr. 504
 Hutchings, S.S. 412
 Ingles, L.G. 420
 Isely, F.B. 170 181 184
 Jensen, D.D. 238
 Jensen, R.W. 210
 Joern, A. 96 294
 Johnson, C.D. 97 244 349 502
 Johnson, J.W. 348
 Johnson, N.D. 280
 Johnson, R.K. Jr. 316
 Johnson, S.A. 497
 Jones, R.G. 581
 Jorgensen, C.D. 2 98 556
 Jorgensen, K.R. 1
 Kaloostian, G.H. 48 512
 Kattoulas, M.E. 202
 Keen, F.P. 373
 Kenagy, G.J. 347
 Killough, J.R. 547
 Kingsolver, J.M. 264
 Kircher, H.W. 182
 Kirkham, D.R. 77
 Klebenow, D.A. 567
 Kline, A.H. 545
 Knight, H.H. 134 135 180 490
 Knopf, J.A.E. 151
 Knowlton, G.F. 3 4 9 10 11 12 13 14 15 16
 17 18 19 20 21 22 23 24 25 26 27 28 29 30
 31 32 33 34 35 37 99 115 116 117 118
 119 124 133 136 144 239 240 249 252 253
 254 255 256 257 258 259 261 262 263 265
 269 271 272 273 274 275 398 399 406 414
 422 439 455 464 466 469 475 482 486 487
 489 496 505 511 513 517 520
 Knutson, H. 295 364
 Koehler, C.S. 202
 Koster, G. 456
 Kraft, G.F. 335
 Kramer, J.P. 473

Krebill, R.G.	123	Owens, J.C.	87 503
Kreitner, G.L.	375	Pack, H.J.	14 486
Kumar, R.	36	Painter, R.H.	400
Kurtz, E.B. Jr.	50	Palmer, M.A.	143 146
Lacey, L.	516	Parker, D.L.	218
Landis, B.J.	61	Parker, F.D.	527
Langston, R.L.	484	Parker, P.L.	96
Larson, A.O.	507	Passey, H.B.	324
Lavigne, R.J.	36 139 156 161 323 559	Pederson, M.W.	192
Lawson, F.A.	357	Pemberton, C.	204
Lehmkuhl, D.M.	360	Penrose, R.L.	385 386 564 568
Leston, D.	508	Pepper, J.H.	110
Lincoln, D.E.	329 330 350 351 515	Peters, J.F.	296
Linsley, E.G.	169 445 504 583	Petty, J.L.	378
Little, E.L. Jr.	393	Pfadt, R.E.	36 161 465 539 549
Lloyd, J.E.	36 578	Phillips, A.W.	540
Louda, S.M.	91	Pickett, C.H.	310
Lovett, A.L.	368	Pickford, R.	199
Lowe, C.H.	108 109	Piemeisel, R.L.	551 552 553
Ludwig, J.A.	87	Pierce, D.A.	71
Lummus, P.F.	301	Pierce, W.D.	437
Ma, S.C.	133	Pinto, J.D.	284 362
MacKay, M.R.	222	Piper, G.L.	376
Mackie, R.A.	438	Pletsch, D.J.	164
Madsen, H.F.	200	Plummer, A.P.	1 74
Mahrt, G.G.	336	Polhemus, D.A.	374
Manis, H.C.	535	Polhemus, J.T.	374
Mansfield, G.S.	231	Polk, K.L.	79 382 574 587
Mason, C.T. Jr.	334	Poos, F.W.	462
Massey, C.L.	71	Portnoy, W.M.	560
Mazuranich, P.C.	538 566	Povel, D.	456
McAdoo, J.K.	567	Powell, J.A.	128 438 472 484
McArthur, E.D.	41 187 307	Pratt, F.C.	367
McBrayer, J.F.	540	Pringle, W.L.	171 223 577
McCambridge, W.F.	454	Pruess, K.P.	364 501
McDaniel, B.	397	Pulliam, H.R.	446
McGregor, S.E.	50 112	Quaintance, A.L.	532
McKenzie, H.L.	372	Race, S.R.	449
McLaurie, E.L.	529	Raleigh, N.C.	133
McMullen, R.D.	333	Ramse, D.A.	354
Meadows, R.	122 224	Raven, P.H.	500
Middlekauff, W.W.	237	Rees, N.E.	80
Middleton, W.	318	Rehn, J.A.G.	461
Mispagel, M.E.	93 550	Reigel, A.	178
Mitchell, J.D.	367	Rhoades, D.F.	410
Mock, D.E.	65	Richards, B.L.	230
Mooney, H.A.	280 350 515	Richman, D.B.	126
Moore, T.B.	41 221	Rickard, W.H.	76 198 322 404
Morrill, A.W.	246	Ricker, D.W.	250 380 415 416 417 418 419 424
Morris, R.C.	320	Riegert, P.W.	427
Morrison, H.	509	Rindge, F.H.	495
Mote, D.C.	480	Ritchie, A.J.	353
Moyer, M.W.	218	Robinson, A.G.	286
Mulkern, G.B.	364 365	Roe, A.H.	224
Munro, J.A.	195 276	Rogers, C.E.	83
Myers, D.	302	Rogers, L.E.	174 322 559
Myers, J.H.	283 288	Russell, J.S.	158 159 182
Nerney, N.J.	51 54 59 576	Russell, L.M.	510
Newcomer, E.J.	42	Rust, M.K.	345
Newton, T.S.	351	Ryckman, R.E.	411
Nichols, J.T.	75	Schaeffer, C.	179
Nord, E.C.	155	Schaeffer, C.F.A.	453
Norton, B.E.	121	Scharff, D.K.	46
Nye, W.P.	7	Schiff, C.J.	297
Oetting, R.D.	332	Schwarz, E.A.	514
Ohlenbusch, P.D.	65	Scoggan, A.C.	534
Olin, G.	112	Scott, D.R.	68
Onsager, J.A.	62 85 538 566	Shannon, R.E.	342
Ortiz, M.	87	Sharp, L.A.	69
Osborn, H.	478	Sheldon, J.K.	174
Otte, D.	294 326		

Shorthouse, J.D. 353
 Shotwell, R.L. 542
 Silverman, J. 358
 Simkover, H.G. 43
 Sitt, L.L. 88
 Skiles, D.D. 341
 Smith, B.D. 214
 Smith, C.F. 15 22 37 136 255 262 265 272
 273 274 489 496 513
 Smith, H.P. 494
 Smith, L.L. 125
 Smith, M.A. 557
 Smith, R.F. 458
 Smith, R.H. 423
 Smith, S.G.F. 287 375
 Smith, W. 120
 Sneva, F.A. 86
 Snyder, T.E. 369
 Spangler, S.M. 121
 Spears, B.M. 106
 Spencer, K.A. 281 572
 Stanton, M.L. 389
 Stark, R.W. 371
 Starmer, W.T. 101
 Stave, M.E. 297
 Steenbergh, W.F. 108
 Steeves, T.A. 360
 Stelzer, M.J. 154
 Stevens, O.A. 193
 Stevens, R. 1 41 221
 Stevenson, R.D. 347
 Steyskal, G. 479
 Stone, A.M. 334
 Stoner, A. 57
 Storer, T.I. 233
 Stott, K.G. 214
 Struble, G.R. 45
 Sudgen, J.W. 242
 Sweet, H.E. 541
 Swenson, W.H. 586
 Tanner, V.M. 361
 Tauber, C.A. 377 381
 Tauber, M.J. 377 381 452
 Tauber, O.E. 408
 Terwilliger, C. Jr. 82
 Tevis, L. Jr. 104 234
 Thatcher, T.O. 399
 Thomas, D.B. Jr. 384
 Thomas, W.L. 3 254
 Thompson, B.G. 206

Thompson, C.G. 243
 Thompson, M.L. 327
 Tiernan, C.F. 307
 Tilden, J.W. 229 231 476
 Timberlake, P.H. 403
 Tingey, W.M. 2 556
 Tinkham, E.R. 383
 Toczek, D.R. 365
 Toschi, C.A. 452
 Turner, F.B. 102
 Udovic, D. 387
 Ueckert, D.N. 8 78 79 81 82 84 106 125
 127 132 156 207 382 523 524 525 531 543
 546 562 587
 Van Dyke, E.C. 165 183 248 441 575
 Van Epps, G.A. 122 131 152
 Vaurie, P. 278
 Vogt, G.B. 405
 Volck, W.H. 442
 Wagner, R.P. 558
 Walters, G.C. Jr. 352
 Wangberg, J.K. 66 300 301 359 394 580
 Ward, B.L. 158
 Ward, C.R. 79 573 584
 Warner, R.E. 344
 Washburn, R.I. 590
 Watts, J.G. 156 503
 Webb, J.L. 216
 Welch, B.L. 307
 West, N.E. 337
 Westcott, R.L. 289 385
 Wheeler, A.G. Jr. 308
 Wheeler, N.H. 462
 Whitford, W.G. 311 316
 Whitworth, T.L. 13
 Wight, J.R. 75
 Wildermuth, V.L. 217
 Williams, E.H. 298
 Williams, K.S. 283 288 329 330 350 351
 515
 Williams, W.G. 225
 Wilson, C.C. 459
 Winterfield, R.G. 566
 Wise, D.H. 338
 Wong, K.L. 206
 Wray, D.L. 23 133 144
 Wright, H.A. 81 560
 Wright, J.C. 425
 Wymore, F.H. 167
 Youssef, N.N. 215
 Zavortink, T.J. 315

Subject to Bibliography Index

This index is organized alphabetically by subject. Numbers in the index are listing numbers found in the "Bibliography Listing."

CONTROL OF NOXIOUS SHRUBS, BIOLOGICAL
CONTROL 65 71 73 78 79 81 120 125 127
156 163 178 186 192 211 223 250 301 302
310 316 346 367 447 477 494 523 525 531
532 543 546 573 577 587
GALL FORMATION AND GALL-FORMING INSECTS
66 148 157 185 187 195 251 285 290 292
293 299 303 304 306 307 334 342 353 359
363 377 379 381 392 393 394 395 400 402
440 443 444 457 580 581 589
HOST PLANT ECOLOGY, PLANT COMMUNITIES 1
2 84 91 102 149 155 337 366 421 557
HOST PLANT OR FOOD PLANT LISTINGS,
FAUNAL, ASSOCIATIONAL, AND ABUNDANCE
STUDIES 1 2 3 5 6 8 38 39 40 41 44 47 56
57 68 80 88 90 97 98 99 100 101 122 123
125 131 134 137 147 148 150 155 157 158
161 162 166 169 172 176 184 191 194 195
197 203 213 214 217 220 224 226 229 244
254 270 276 308 312 323 336 346 361 362
367 370 371 372 373 383 391 393 397 405
411 415 416 417 418 419 420 421 422 423
424 442 458 462 477 479 491 502 504 507
526 528 541 549 550 556 561 567 584
HOST PLANT PHYSIOLOGY, ANATOMY, PATHOLOGY
1 64 142 175 182 219 230 280 283 287 288
295 310 316 329 342 350 351 368 375 389
410 512 515 589
HOST PLANT-INSECT RELATIONSHIPS, DIETARY
STUDIES, COEVOLUTION, POLLINATION 46 50
51 53 54 55 58 59 66 69 70 75 76 77 82 84
85 86 87 96 97 100 102 104 107 111 112
114 126 128 129 132 138 142 150 155 158
159 160 161 170 171 173 174 175 181 182
185 188 198 199 207 209 210 254 268 280
282 283 287 288 294 295 297 305 307 309
310 311 322 323 324 326 329 330 332 336
337 350 351 361 364 365 366 375 387 389
404 408 410 425 427 435 438 451 462 465
499 500 501 503 515 532 534 537 539 550
551 552 553 558 562 565 579 582 588
INSECT BIOLOGY, LIFE HISTORY, BIONOMICS,
HABITS 5 7 38 39 40 42 43 45 46 48 50 54
56 57 61 63 71 79 83 87 89 92 93 94 95 98
103 104 105 106 107 109 110 113 114 126
128 137 141 142 148 150 151 152 154 160
162 163 168 172 176 178 181 188 195 199
200 201 202 203 204 206 208 213 214 215
217 218 220 236 237 241 242 243 244 246
259 268 279 281 282 284 285 290 291 292
293 298 299 300 301 302 304 306 308 312
313 314 315 317 318 319 320 324 325 327
331 332 339 340 341 344 346 347 353 354
355 357 358 359 362 363 365 368 370 371
372 373 376 377 378 380 381 382 383 384
385 386 387 388 391 394 400 401 402 404
406 407 408 422 423 426 431 433 434 435
438 442 443 449 452 454 458 459 465 466
467 472 474 476 477 480 484 488 493 497
502 507 512 516 518 522 527 528 530 536
539 542 544 564 568 574 575 580 581
INSECT CONTROL, ECONOMIC ASPECTS,
AGRICULTURAL RELATIONSHIPS 2 38 39 40 42
56 61 62 63 64 72 73 84 88 89 90 118 125

140 141 147 148 150 151 152 154 156 163
164 167 176 195 200 226 230 243 259 267
276 282 285 299 308 317 318 319 320 335
339 343 354 368 373 422 423 426 449 454
459 474 480 488 497 503 507 518 528 538
566
INSECT DAMAGE DESCRIPTIONS, FEEDING
OBSERVATIONS 5 8 38 39 40 45 56 69 71 72
73 79 92 98 111 118 122 123 139 140 141
148 150 151 164 168 171 172 176 177 178
194 195 196 200 202 204 206 208 214 216
220 221 226 231 233 234 235 237 241 244
246 248 251 281 284 290 291 292 296 299
301 302 304 306 307 314 318 319 320 325
341 355 358 359 360 362 363 368 373 376
377 378 379 380 381 382 385 388 391 393
400 401 402 406 407 412 423 425 426 430
431 438 442 443 444 447 449 454 456 476
477 478 488 494 507 514 518 528 529 576
INSECT DISTRIBUTIONAL NOTES, SURVEYS,
SUMMARIES 3 4 5 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37 38 39 40 44 49 52 67
88 94 98 103 110 115 116 117 119 133 134
135 136 138 143 144 145 146 148 150 160
162 164 165 168 176 179 180 181 183 184
190 191 193 194 195 197 198 206 212 213
214 215 217 218 221 222 227 228 231 232
235 238 239 240 245 247 249 251 253 255
256 257 258 261 262 264 265 266 269 270
271 272 273 274 275 277 278 279 289 291
294 301 303 308 312 313 314 315 317 322
325 328 333 335 338 344 345 346 349 352
353 355 356 357 358 361 363 367 369 370
371 372 374 379 380 384 385 386 390 391
392 396 397 398 399 400 403 404 405 406
407 409 411 413 414 420 422 423 425 428
429 430 432 433 434 439 440 441 442 444
445 450 453 454 455 458 460 461 464 468
469 470 471 472 473 475 477 480 481 482
483 484 486 487 488 489 490 491 492 493
495 496 498 501 502 506 507 509 510 511
513 516 517 519 520 521 522 526 527 528
545 570 583 585
INSECT TAXONOMIC REVISIONS AND REVIEWS,
SPECIES DESCRIPTIONS AND NOTES 5 14 15
16 17 20 22 37 39 40 60 65 71 124 130 131
135 136 145 146 148 150 151 154 160 165
168 169 171 179 180 183 184 185 189 190
193 196 197 201 204 206 208 209 216 217
220 221 222 227 228 232 236 237 240 244
247 249 251 252 253 258 259 260 262 263
264 265 266 270 271 272 273 274 275 278
279 281 286 289 291 303 304 306 313 314
315 317 319 320 321 328 331 344 345 346
348 349 352 353 355 356 359 368 369 370
371 372 373 374 379 380 381 382 383 388
390 391 392 394 395 396 397 403 406 409
422 423 426 428 431 432 433 434 436 437
439 440 441 442 443 444 445 450 453 455
458 460 461 463 464 466 467 468 469 470
471 472 473 476 477 481 482 483 484 485
487 488 489 490 491 492 493 495 496 497
498 502 505 506 507 508 509 510 511 513
516 517 518 519 520 521 522 528 536 564
572 583 1543
MANAGEMENT PRACTICES, GRAZING, BURNING 1
70 76 77 80 81 118 121 267 337 494 499
503 535 555 585 586

PLANT PRODUCTIVITY, FORAGE LOSSES,
 DEFOLIATION 51 59 65 66 70 73 75 78 84
 85 86 93 139 141 148 150 152 153 154 156
 164 171 186 188 205 220 225 268 282 288
 296 316 335 340 343 360 363 393 401 410
 431 448 456 499 503 518 523 529 544 551
 555 569 575
 REVEGETATION, PLANT ESTABLISHMENT,
 SEEDLING MORTALITY 1 41 74 108 122 153
 155 225 412
 SEED PRODUCTION AND PREDATION 56 66 69
 72 75 77 83 86 88 91 92 95 104 108 125
 127 138 140 148 152 156 162 177 244 264
 305 309 311 312 313 344 349 388 393 396
 446 502 547 559 569

SOIL RELATIONS, ROOT AND SOIL INSECTS 36
 74 93 106 108 111 120 126 155 184 210 324
 337 480 540 548 551 578
 WOOD DAMAGE, BORERS, BARK BEETLES,
 GIRDLETS, TERMITES 38 39 40 45 79 81 84
 89 106 137 165 169 172 176 179 183 236
 301 302 314 316 319 320 325 331 341 345
 352 369 371 378 382 385 386 393 399 405
 407 445 493 519 528 530 554 560 563 564
 571 574 583 587

Title Keyword to Bibliography Index

This index is organized alphabetically by title keyword. Numbers in the index are listing numbers found in the "Bibliography Listing."

- ABUNDANCE 6 80 384 501
 ACTIVITY 94 105 347 560
 AFFECTED 87 553
 AFFECTING 100 148 156 335 571
 ALKALOID 182 219
 ARIZONA 47 49 51 52 54 57 59 88 102 108
 166 361 369 396 411 446 502 576
 ASSIMILATION 287
 ASSOCIATED 8 41 47 101 157 186 224 291
 292 365 366 402 541 555 573 584
 ASSOCIATES 229
 ASSOCIATIONAL 420
 ASSOCIATIONS 101 323 527 534
 AUTECOLOGY 155
 BEHAVIOR 215 329 377 387 452
 BEHAVIOUR 214 282
 BIOENERGETICS 93
 BIOLOGICAL 120 168 192 211 250 346 383
 391 437 438 472 516 574
 BIOMASS 106
 BIONOMICS 131 160 244 376 378 385 386
 423 518 568
 BIOSYSTEMATICS 291 502 536
 BIOTIC 66 421
 BRITISH COLUMBIA 171 176 286 333 429 463
 BROWSE 141 147
 BURN 76 201 586
 CALIFORNIA 5 88 103 113 149 150 155 200
 204 220 233 234 237 238 250 279 281 291
 292 299 303 306 331 350 352 358 370 371
 372 380 403 415 416 417 418 419 424 441
 442 444 458 459 472 484 493 498 502 507
 541 572 575
 CHEMISTRY 329
 CHEMOTACTILE 389
 CLIMATIC 91 110
 COEVOLUTION 97 173 177 329 330 351
 COLORADO 132 143 146 207 285 343 485 562
 588
 COMMUNITIES 138 337 421
 COMMUNITY 2 75 174 338 402 534 556
 COMPETITIVE 339
 CONTROL 64 78 79 81 89 120 131 195 211
 223 243 250 276 282 285 343 346 354 423
 449 459 480 494 515 524 531 538 543 566
 574 577
 DAMAGE 51 280 360 412 576
 DEFOLIATING 73
 DEFOLIATION 78 154 186 523
 DEFOLIATOR 152 188 220 448 544
 DEMOGRAPHIC 545
 DEMOGRAPHY 188
 DESCRIBED 328
 DESCRIPTION 15 190 216 236 247 313 344
 353 369 379 388 432 437 439 445 450 464
 481 482 485 492 498 520
 DESERT 6 84 92 93 94 95 100 101 102 104
 105 106 107 109 138 158 182 198 267 294
 297 322 348 383 384 403 421 550
 DESTROYED 153
 DESTROYING 447
 DESTROYS 72
 DESTRUCTION 83 192
 DESTRUCTIVE 56 66
 DEVELOPING 303
 DEVELOPMENTAL 87
 DIETARY 207
 DIETS 82 132 294 562
 DISEASE 123 154 230 368 512
 DISPERSAL 61
 DISTRIBUTION 3 67 94 110 134 221 261 325
 357 385 386 404 420 429 473 501 540 583
 585
 DISTRIBUTIONAL 67 261 473 583
 DIVERSITY 121
 DROUGHT 515 546
 ECOLOGICAL 541 550 557
 ECOLOGY 46 93 103 105 155 182 210 237
 293 325 365 382 465 574 579 581
 ECONOMIC 437 542
 ECOSYSTEM 84 567
 EFFECT 54 58 59 75 84 110 111 127 171
 178 219 287 296 300 316 324 330 408 531
 EFFICACY 62
 EMERGENCE 285
 ENVIRONMENT 293 515 534 545
 ENVIRONMENTAL 515 545
 ERADICATION 494
 EVOLUTION 97 173 177 294 329 330 351 500
 FAUNA 98 415 416 417 418 419 420 424 567
 FAUNISTIC 383
 FEEDING 96 126 139 171 284 294 329 451
 479 532
 FLIGHT 119 282
 FLORA 101 310 415
 FOLIAGE 288 318
 FOOD PLANT 3 46 58 166 199 351 408 465
 565
 FOOD QUALITY 283 288
 FOOD-PLANT 55 191 537
 FORAGE 59 85 340 499 523 551
 FORAGING 95 311
 FOREST 40 313 354 373 388 571
 FRUIT 213 230 263 358 370 469
 GENERA 244 450 453 498 551
 GENUS 22 136 168 180 189 197 216 231 247
 262 264 266 270 275 313 321 349 355 374
 390 392 395 409 413 428 433 434 460 461
 462 472 473 479 489 495 496 502 506 510
 513 536 564 583 584
 GRAZE 585
 GREAT BASIN 150 154 243 248 575
 HABITAT 92 302
 HABITS 48 174 236 241 364 365 432 451
 532 542 579
 HERBIVORES 96
 HORMONE 589
 HOST PLANT 57 61 68 100 101 107 114 128
 134 142 162 244 254 312 329 330 336 462
 473
 HOST-PLANT 88 209 346
 IDAHO 23 24 25 26 27 28 32 56 69 138 324
 359 386 412 431 513 518 526 534 544 568
 569 579 580 581
 IMPACT 188 448
 INFESTATION 61 81 302 529
 INFESTED 73
 INFESTING 88 271 272 273 274 275 344 422
 590
 INFLUENCE 78 82 125 163 298
 INGESTION 287 375
 INJURIOUS 122 318
 INSECTICIDAL 175
 INTERACTION 66 339 350

INTERMOUNTAIN 37 265 267
 INTERRELATION 104 438
 INVESTIGATIONS 13 69 425 573
 ISOTOPE 96
 LEAVES 268
 LIFE HISTORIES 542
 LIFE HISTORY 89 154 208 214 236 284 308
 358 380 388 431 452
 LONGEVITY 219
 LOSSES 53 85 499
 MANAGEMENT 121
 MANAGING 267
 MATING 128 452
 MICROCLIMATE 94
 MICROCOMMUNITY 402
 MICROORGANISM 243 558
 MODEL 66
 MOISTURE 106
 MOJAVE 93 95 384 550
 MONTANA 64 111 366 425
 MONTANE 92 298 338
 MORPHOLOGICAL 82
 MORPHOLOGY 170
 MORTALITY 91 186 525
 NEBRASKA 192
 NEVADA 74 324 403 540 590
 NEW MEXICO 8 66 71 126 154 196 212 483
 NORTH DAKOTA 365
 NOTES 7 20 21 37 49 52 134 137 143 145
 162 169 179 183 190 193 196 231 239 241
 244 245 252 253 255 256 257 258 260 261
 269 276 312 325 346 369 385 386 388 391
 399 405 406 407 432 437 439 445 450 475
 481 486 487 492 493 498 517 520
 OBSERVATIONS 89 284 476 576
 OCCURRENCE 103 276
 OCCURRING 434
 OREGON 70 206 225 286 289 463 480 502
 OUTBREAK 164 220 234 296
 OVERWINTERING 48
 OVIPOSITION 298 387 389
 PACIFIC 39 45 165 183 341 385
 PARASITE 154 162 293 328 339 516 559
 PARASITIC 527
 PARASITIZATION 285
 PARASITIZING 359
 PARASITOID 327
 PHENOLOGY 64
 PHEROMONAL 410
 PITFALL 198
 PLAINS 36 163 364 446 542
 POLLINATING 112
 POLLINATION 112 387 435
 POPULATION 54 59 106 142 354 550 582
 PRACTICES 80 81
 PRAIRIE 106 365
 PRECIPITATION 340
 PREDATION 91 92 173 305 309
 PREDATOR 388 559
 PREFERENCE 61 128 326 364 365 389 427
 501 539 588
 PRODUCTION 70 75 125 127 199 300 305 316
 408 446 523 539 551
 PRODUCTIVITY 86
 PROTECTION 319 551
 PROTEIN 351
 RAINFALL 54 59
 RANGE 2 36 41 51 53 54 59 62 64 65 69 77
 80 82 85 87 118 121 123 156 161 192 207
 237 246 267 323 340 366 425 447 448 449

499 503 529 535 538 539 543 547 566 576
 590
 REARING 312 467
 RECORDS 191 312 357 473
 RELATION 77 80 81 86 94 96 101 104 106
 129 150 167 170 184 209 305 340 346 387
 404 438 534 551 557 567
 RELATIONSHIP 96 106 129 346 438 557 567
 RENOVATION 80
 REPRODUCTION 127 199 300
 REPRODUCTIVE 377 387
 REVEGETATION 74
 REVIEW 168 247 428 499 555 584
 REVISION 227 278 321 349 355 433 434 468
 473 495 519 572
 ROOT 120 126 336 480 548
 SAMPLING 102 161
 SEASON 53 54 103 132 280 338 347 404 420
 515 585
 SEASONAL 53 54 132 280 338 347 420 515
 585
 SEASONALITY 347 515
 SEED 56 72 83 88 91 92 97 125 140 153
 311 344 388 396 446 502
 SEEDLING 91 153
 SELECTION 100 107 282
 SOIL 184 324 540 551 578
 SPECIES 103 109 124 130 135 146 165 180
 183 187 189 190 193 216 224 231 236 237
 247 252 253 258 266 278 281 286 303 307
 313 314 315 328 331 344 345 348 352 353
 356 369 379 392 395 396 403 409 422 439
 441 450 453 464 468 482 490 492 498 502
 519 520 568
 STABILITY 451
 STEM 84 195 244 279 291 334 353 437 502
 536 564 567
 STUDIES 103 113 227 282 285 366 383 398
 431 436 462 472 511 516 545
 STUDY 41 92 334 390 461 477 500 541 564
 572 583 590
 SUCCESSION 326 585
 SURVEY 192 198 322 362 576
 SURVIVAL 199 225 295 408 539
 SYNONYMY 344
 SYNOPSIS 266
 SYNOPTIC 216
 SYSTEMATICS 244 279 291 502 536
 TAXONOMIC 349 383 583
 TAXONOMY 568
 TEMPERATURE 105 106 300 340 347
 TEXAS 8 66 78 84 181 184 302 314 382 397
 400 405 470 543 570
 TOPOGRAPHIC 87
 TOPOGRAPHY 404
 TRICHOME 287 375
 UTAH 2 3 4 9 10 11 12 14 18 23 24 25 26
 27 28 32 48 60 74 99 115 116 117 124 130
 131 133 144 152 218 230 239 252 253 255
 256 257 258 259 261 262 324 356 361 414
 421 455 464 466 475 486 487 505 513 517
 520 556
 UTILIZATION 123 446
 VEGETATION 53 65 74 76 121 129 138 198
 322 366 404
 VIRUS 230 512
 WASHINGTON 43 44 63 70 90 347 404
 WEATHER 46 163
 WILDLAND 1 123
 WYOMING 77 111 161
 YEAST 101

SECTION II: COLLECTION INFORMATION

Collection Listing

This listing contains collection information. See "Description of the Sections" for details about the information included in the listing. Items in the listing are organized numerically and are located using one of the two indexes that follow in this section.

1 WY. Lincoln Co. 13 September 1983
Artemisia tridentata (USU)

2 WY. Lincoln Co. 13 July 1983
Sarcobatus vermiculatus (USU)

3 WY. Lincoln Co. 13 July 1983
Artemisia spinosa (USU)

4 WY. Lincoln Co. 13 July 1983
Artemisia arbuscula (USU)

5 WY. Lincoln Co. 13 July 1983
Chrysothamnus viscidiflorus (USU)

6 WY. Lincoln Co. 24 August 1982
Chrysothamnus nauseosus (USU)

7 WY. Lincoln Co. 22 September 1983
Sarcobatus spp. (USU)

8 WY. Lincoln Co. 22 September 1983
Amelanchier spp. (USU)

9 WY. Lincoln Co. 22 September 1983
Artemisia tridentata (USU)

10 WY. Lincoln Co. 22 September 1983
Artemisia spp. (USU)

11 WY. Lincoln Co. 22 September 1983
Chrysothamnus spp. (USU)

12 WY. Lincoln Co. 24 August 1983
Amelanchier spp. (USU)

13 WY. Lincoln Co. 24 August 1983
Purshia spp. (USU)

14 WY. Lincoln Co. 24 August 1983
Symphoricarpos spp. (USU)

15 WY. Lincoln Co. 24 August 1983
Artemisia tridentata tridentata (USU)

16 WY. Lincoln Co. 24 August 1983
Artemisia nova (USU)

17 WY. Lincoln Co. 24 August 1983
Sarcobatus spp. (USU)

18 WY. Lincoln Co. 24 August 1983
Artemisia spp. (USU)

19 WY. Lincoln Co. 24 August 1983
Chrysothamnus spp. (USU)

20 WY. Lincoln Co. 24 August 1983
Artemisia spinescens (USU)

21 UT. Uintah Co. 30 August 1975
Chrysothamnus nauseosus (USU)

22 UT. Uintah Co. 30 August 1975
Chrysothamnus viscidiflorus (USU)

23 UT. Uintah Co. 30 August 1975
Sarcobatus vermiculatus (USU)

24 UT. Uintah Co. 30 August 1975 *Salix*
spp. (USU)

25 UT. Uintah Co. 30 August 1975
Tamarix gallica (USU)

26 UT. Uintah Co. 30 August 1975
Gutierrezia sarothrae (USU)

27 UT. Uintah Co. 30 August 1975
Eriogonum spp. (USU)

28 UT. Uintah Co. 30 August 1975
Artemisia tridentata (USU)

29 UT. Uintah Co. 30 August 1975
Artemisia ludoviciana (USU)

30 UT. Uintah Co. 11 July 1974 *Tamarix*
spp. (USU)

31 UT. Uintah Co. 11 July 1974 *Clematis*
ligusticifolia (USU)

32 UT. Uintah Co. 11 July 1974
Chrysothamnus nauseosus (USU)

33 UT. Uintah Co. 11 July 1974 *Tamarix*
gallica (USU)

34 UT. Uintah Co. 24 July 1974
Chrysothamnus nauseosus (USU)

35 UT. Uintah Co. 24 July 1974 *Atriplex*
spp. (USU)

36 UT. Uintah Co. 24 July 1974
Artemisia tridentata (USU)

37 UT. Uintah Co. 24 July 1974 *Clematis*
ligusticifolia (USU)

38 UT. Uintah Co. 24 July 1974 *Rhus*
ovata (USU)

39 UT. Uintah Co. 24 July 1974
Amelanchier spp. (USU)

40 UT. Uintah Co. 8 August 1976
Chrysothamnus nauseosus (USU)

41 UT. Uintah Co. 8 August 1976
Clematis ligusticifolia (USU)

42 UT. Uintah Co. 30 June 1975
Chrysothamnus nauseosus (USU)

43 UT. Uintah Co. 20 May 1976
Chrysothamnus nauseosus (USU)

44 UT. Uintah Co. 20 May 1976
Sarcobatus spp. (USU)

45 UT. Uintah Co. 20 May 1976 Ambrosia spp. (USU)	69 UT. Uintah Co. 4 August 1976 Tamarix gallica (USU)
46 UT. Uintah Co. 20 May 1976 Salix spp. (USU)	70 UT. Uintah Co. 4 August 1976 Salix spp. (USU)
47 UT. Uintah Co. 20 May 1976 Sarcobatus vermiculatus (USU)	71 UT. Uintah Co. 4 August 1976 Clematis ligusticifolia (USU)
48 UT. Uintah Co. 7 June 1975 Sarcobatus vermiculatus (USU)	72 UT. Uintah Co. 4 August 1976 Rhus ovata (USU)
49 UT. Uintah Co. 7 June 1975 Atriplex spp. (USU)	73 UT. Uintah Co. 4 August 1976 Chrysothamnus spp. (USU)
50 UT. Uintah Co. 7 June 1975 Amelanchier spp. (USU)	74 UT. Uintah Co. 4 August 1976 Chrysothamnus viscidiflorus (USU)
51 UT. Uintah Co. 7 June 1975 Tetradymia canescens (USU)	75 ID. Bonneville Co. 21 July 1975 Tetradymia canescens (USU)
52 UT. Uintah Co. 7 June 1975 Salix spp. (USU)	76 ID. Bonneville Co. 21 July 1975 Chrysothamnus spp. (USU)
53 UT. Uintah Co. 7 June 1975 Chrysothamnus nauseosus (USU)	77 ID. Bonneville Co. 21 July 1975 Atriplex canescens (USU)
54 UT. Uintah Co. 7 June 1975 Chrysothamnus spp. (USU)	78 ID. Bonneville Co. 21 July 1975 Tetradymia spp. (USU)
55 UT. Box Elder Co. 21 August 1973 Chrysothamnus viscidiflorus (USU)	79 UT. Uintah Co. 9 September 1976 Amelanchier spp. (USU)
56 UT. Box Elder Co. 21 August 1973 Atriplex confertifolia (USU)	80 UT. Uintah Co. 9 September 1976 Rhus trilobata (USU)
57 UT. Uintah Co. 14 July 1975 Sarcobatus vermiculatus (USU)	81 UT. Uintah Co. 9 September 1976 Chrysothamnus nauseosus (USU)
58 UT. Uintah Co. 14 July 1975 Atriplex canescens (USU)	82 UT. Uintah Co. 9 September 1976 Salix spp. (USU)
59 UT. Uintah Co. 14 July 1975 Chrysothamnus spp. (USU)	83 UT. Uintah Co. 9 September 1976 Gutierrezia sarothrae (USU)
60 UT. Uintah Co. 14 July 1975 Chrysothamnus viscidiflorus (USU)	84 UT. Uintah Co. 9 September 1976 Tamarix gallica (USU)
61 UT. Uintah Co. 14 July 1975 Atriplex spp. (USU)	85 UT. Uintah Co. 9 September 1976 Atriplex spp. (USU)
62 UT. Uintah Co. 14 July 1975 Chrysothamnus nauseosus (USU)	86 UT. Uintah Co. 9 September 1976 Artemisia tridentata (USU)
63 UT. Uintah Co. 14 July 1975 Tamarix spp. (USU)	87 UT. Uintah Co. 9 September 1976 Rhus ovata (USU)
64 UT. Uintah Co. 14 July 1975 Juniperus spp. (USU)	88 UT. Uintah Co. 18 September 1975 Artemisia tridentata (USU)
65 UT. Uintah Co. 14 July 1975 Salix spp. (USU)	89 UT. Uintah Co. 18 September 1975 Sarcobatus vermiculatus (USU)
66 UT. Uintah Co. 14 July 1975 Tetradymia canescens (USU)	90 UT. Uintah Co. 18 September 1975 Eriogonum spp. (USU)
67 UT. Uintah Co. 14 July 1975 Artemisia tridentata (USU)	91 UT. Uintah Co. 18 September 1975 Chrysothamnus viscidiflorus (USU)
68 UT. Uintah Co. 4 August 1976 Artemisia spp. (USU)	92 UT. Uintah Co. 18 September 1975 Chrysothamnus nauseosus (USU)

93 UT. Uintah Co. 18 September 1975
Salix exigua (USU)

94 UT. Uintah Co. 18 September 1975
Salix spp. (USU)

95 UT. Uintah Co. 18 September 1975
Rhus trilobata (USU)

96 UT. Box Elder Co. 12 June 1973
Chrysothamnus viscidiflorus (USU)

97 UT. Box Elder Co. 12 June 1973
Atriplex confertifolia (USU)

98 UT. Box Elder Co. 12 June 1973
Artemisia tridentata (USU)

99 UT. Uintah Co. 10 September 1976
Eriogonum spp. (USU)

100 UT. Uintah Co. 10 September 1976
Chrysothamnus nauseosus (USU)

101 UT. Uintah Co. 10 September 1976
Artemisia spp. (USU)

102 UT. Uintah Co. 10 September 1976
Clematis ligusticifolia (USU)

103 UT. Uintah Co. 10 September 1976
Tamarix gallica (USU)

104 UT. Uintah Co. 10 September 1976
Tamarix spp. (USU)

105 UT. Box Elder Co. 17 July 1973
Artemisia tridentata (USU)

106 UT. Box Elder Co. 17 July 1973
Chrysothamnus viscidiflorus (USU)

107 UT. Box Elder Co. 17 July 1973
Atriplex confertifolia (USU)

108 UT. Box Elder Co. 24 July 1973
Artemisia tridentata (USU)

109 UT. Box Elder Co. 24 July 1973
Chrysothamnus viscidiflorus (USU)

110 UT. Uintah Co. 3 July 1973
Chrysothamnus viscidiflorus (USU)

111 UT. Box Elder Co. 10 July 1973
Artemisia tridentata (USU)

112 UT. Box Elder Co. 10 July 1973
Atriplex confertifolia (USU)

113 UT. Box Elder Co. 10 July 1973
Chrysothamnus viscidiflorus (USU)

114 UT. Box Elder Co. 7 June 1973
Artemisia tridentata (USU)

115 UT. Box Elder Co. 7 June 1973
Atriplex spp. (USU)

116 UT. Box Elder Co. 7 June 1973
Chrysothamnus viscidiflorus (USU)

117 UT. Box Elder Co. 7 June 1973
Atriplex confertifolia (USU)

118 UT. Box Elder Co. 31 July 1973
Atriplex confertifolia (USU)

119 UT. Box Elder Co. 31 July 1973
Chrysothamnus viscidiflorus (USU)

120 UT. Box Elder Co. 31 July 1973
Artemisia tridentata (USU)

121 UT. Box Elder Co. 3 September 1973
Atriplex confertifolia (USU)

122 UT. Box Elder Co. 3 September 1973
Chrysothamnus viscidiflorus (USU)

123 UT. Box Elder Co. 3 September 1973
Artemisia tridentata (USU)

124 UT. Box Elder Co. 7 August 1973
Chrysothamnus viscidiflorus (USU)

125 UT. Box Elder Co. 7 August 1973
Chrysothamnus spp. (USU)

126 UT. Box Elder Co. 7 August 1973
Artemisia tridentata (USU)

127 UT. Box Elder Co. 7 August 1973
Chrysothamnus viscidiflorus (USU)

128 UT. Box Elder Co. 7 August 1973
Atriplex confertifolia (USU)

129 UT. Uintah Co. 11 August 1974
Chrysothamnus nauseosus (USU)

130 UT. Uintah Co. 8 August 1974 *Rhus*
ovata (USU)

131 UT. Uintah Co. 8 August 1974 *Salix*
spp. (USU)

132 UT. Uintah Co. 8 August 1974
Clematis ligusticifolia (USU)

133 UT. Uintah Co. 8 August 1974
Chrysothamnus nauseosus (USU)

134 UT. Uintah Co. 8 August 1974
Tamarix spp. (USU)

135 UT. Uintah Co. 10 August 1974
Eriogonum spp. (USU)

136 UT. Uintah Co. 7 June 1976
Chrysothamnus viscidiflorus (USU)

137 UT. Uintah Co. 7 June 1976
Sarcobatus vermiculatus (USU)

138 UT. Uintah Co. 7 June 1976 *Atriplex*
confertifolia (USU)

139 UT. Uintah Co. 7 June 1976
Chrysothamnus nauseosus (USU)

140 UT. Uintah Co. 7 June 1976 *Tamarix*
gallica (USU)

- 141 UT. Uintah Co. 7 June 1976 *Atriplex canescens* (USU)
- 142 UT. Uintah Co. 7 June 1976 *Salix exigua* (USU)
- 143 UT. Uintah Co. 7 June 1976 *Artemisia tridentata* (USU)
- 144 UT. Uintah Co. 7 June 1976 *Salix* spp. (USU)
- 145 UT. Uintah Co. 7 June 1976 *Amelanchier* spp. (USU)
- 146 UT. Uintah Co. 7 June 1976 *Tamarix* spp. (USU)
- 147 UT. Uintah Co. 7 June 1976 *Rhus trilobata* (USU)
- 148 UT. Uintah Co. 7 June 1976 *Atriplex* spp. (USU)
- 149 ID. Bonneville Co. 6 July 1975 *Chrysothamnus* spp. (USU)
- 150 ID. Bonneville Co. 6 July 1975 *Artemisia* spp. (USU)
- 151 UT. Box Elder Co. 9 May 1974 *Atriplex confertifolia* (USU)
- 152 UT. Box Elder Co. 9 May 1974 *Artemisia tridentata* (USU)
- 153 UT. Box Elder Co. 9 May 1974 *Chrysothamnus viscidiflorus* (USU)
- 154 UT. Uintah Co. 8 July 1976 *Chrysothamnus viscidiflorus* (USU)
- 155 UT. Uintah Co. 8 July 1976 *Tamarix gallica* (USU)
- 156 UT. Uintah Co. 8 July 1976 *Chrysothamnus nauseosus* (USU)
- 157 UT. Uintah Co. 8 July 1976 *Salix exigua* (USU)
- 158 UT. Uintah Co. 8 July 1976 *Salix* spp. (USU)
- 159 UT. Uintah Co. 8 July 1976 *Atriplex canescens* (USU)
- 160 UT. Uintah Co. 8 July 1976 *Chrysothamnus* spp. (USU)
- 161 UT. Box Elder Co. 14 August 1973 *Atriplex confertifolia* (USU)
- 162 UT. Box Elder Co. 14 August 1973 *Chrysothamnus viscidiflorus* (USU)
- 163 UT. Box Elder Co. 14 August 1973 *Artemisia tridentata* (USU)
- 164 UT. Box Elder Co. 26 June 1973 *Chrysothamnus viscidiflorus* (USU)
- 165 UT. Box Elder Co. 26 June 1973 *Atriplex confertifolia* (USU)
- 166 UT. Box Elder Co. 26 June 1973 *Artemisia tridentata* (USU)
- 167 UT. Box Elder Co. 29 May 1974 *Tamarix gallica* (USU)
- 168 UT. Box Elder Co. 29 May 1974 *Atriplex confertifolia* (USU)
- 169 UT. Box Elder Co. 29 May 1974 *Chrysothamnus viscidiflorus* (USU)
- 170 UT. Box Elder Co. 29 May 1974 *Artemisia tridentata* (USU)
- 171 UT. Uintah Co. 14 July 1976 *Sarcobatus vermiculatus* (USU)
- 172 UT. Uintah Co. 14 July 1976 *Chrysothamnus* spp. (USU)
- 173 UT. Uintah Co. 14 July 1976 *Artemisia tridentata* (USU)
- 174 UT. Uintah Co. 14 July 1976 *Artemisia ludoviciana* (USU)
- 175 UT. Uintah Co. 14 July 1976 *Chrysothamnus nauseosus* (USU)
- 176 UT. Uintah Co. 14 July 1976 *Atriplex canescens* (USU)
- 177 UT. Uintah Co. 14 July 1976 *Holodiscus discolor* (USU)
- 178 UT. Uintah Co. 14 July 1976 *Sarcobatus* spp. (USU)
- 179 UT. Box Elder Co. 22 May 1974 *Atriplex confertifolia* (USU)
- 180 UT. Box Elder Co. 22 May 1974 *Chrysothamnus viscidiflorus* (USU)
- 181 UT. Box Elder Co. 22 May 1974 *Artemisia tridentata* (USU)
- 182 UT. Uintah Co. 16 August 1975 *Chrysothamnus nauseosus* (USU)
- 183 ID. Bonneville Co. 12 July 1975 *Eriogonum* spp. (USU)
- 184 ID. Bonneville Co. 12 July 1975 *Chrysothamnus* spp. (USU)
- 185 UT. Uintah Co. 6 June 1976 *Chrysothamnus nauseosus* (USU)
- 186 UT. Uintah Co. 6 June 1976 *Sarcobatus vermiculatus* (USU)
- 187 UT. Uintah Co. 6 June 1976 *Gutierrezia sarothrae* (USU)
- 188 UT. Uintah Co. 6 June 1976 *Artemisia tridentata* (USU)

- 189 UT. Uintah Co. 18 May 1975
Artemisia spp. (USU)
- 190 UT. Uintah Co. 13 May 1975
Amelanchier spp. (USU)
- 191 UT. Uintah Co. 13 May 1975
Artemisia spp. (USU)
- 192 UT. Box Elder Co. 16 April 1974
Artemisia tridentata (USU)
- 193 UT. Box Elder Co. 16 April 1974
Atriplex confertifolia (USU)
- 194 UT. Box Elder Co. 3 July 1973
Atriplex confertifolia (USU)
- 195 UT. Box Elder Co. 3 July 1973
Chrysothamnus viscidiflorus (USU)
- 196 UT. Box Elder Co. 3 July 1973
Chrysothamnus spp. (USU)
- 197 UT. Box Elder Co. 19 June 1973
Chrysothamnus viscidiflorus (USU)
- 198 UT. Box Elder Co. 19 June 1973
Atriplex confertifolia (USU)
- 199 UT. Box Elder Co. 19 June 1973
Artemisia tridentata (USU)
- 200 UT. Box Elder Co. 9 May 1975
Chrysothamnus viscidiflorus (USU)
- 201 UT. Uintah Co. 30 June 1976
Chrysothamnus nauseosus (USU)
- 202 UT. Uintah Co. 30 June 1976 Salix
exigua (USU)
- 203 UT. Uintah Co. 7 June 1984 Salix
spp. (USU)
- 204 UT. Uintah Co. 10 July 1974
Eriogonum spp. (USU)
- 205 UT. Uintah Co. 10 July 1974
Chrysothamnus nauseosus (USU)
- 206 UT. Uintah Co. 10 July 1974 Tamarix
spp. (USU)
- 207 UT. Box Elder Co. 26 April 1974
Chrysothamnus viscidiflorus (USU)
- 208 UT. Box Elder Co. 26 April 1974
Artemisia tridentata (USU)
- 209 UT. Box Elder Co. 17 May 1974
Atriplex confertifolia (USU)
- 210 UT. Box Elder Co. 17 May 1974
Artemisia spp. (USU)
- 211 UT. Box Elder Co. 17 May 1974
Artemisia tridentata (USU)
- 212 UT. Box Elder Co. 17 May 1974
Chrysothamnus viscidiflorus (USU)
- 213 UT. Box Elder Co. 21 April 1974
Atriplex confertifolia (USU)
- 214 UT. Box Elder Co. 27 June 1973
Atriplex confertifolia (USU)
- 215 UT. Box Elder Co. 27 June 1973
Chrysothamnus viscidiflorus (USU)
- 216 UT. Box Elder Co. 7 July 1973
Chrysothamnus viscidiflorus (USU)
- 217 UT. Box Elder Co. 7 July 1973
Atriplex confertifolia (USU)
- 218 UT. Uintah Co. 20 September 1976
Eriogonum spp. (USU)
- 219 UT. Uintah Co. 20 September 1976
Chrysothamnus nauseosus (USU)
- 220 UT. Uintah Co. 26 May 1976 Ambrosia
spp. (USU)
- 221 UT. Box Elder Co. 14 September 1973
Atriplex confertifolia (USU)
- 222 UT. Box Elder Co. 14 September 1973
Artemisia tridentata (USU)
- 223 UT. Box Elder Co. 19 May 1975
Chrysothamnus viscidiflorus (USU)
- 224 UT. Box Elder Co. 19 May 1975
Atriplex confertifolia (USU)
- 225 UT. Box Elder Co. 2 May 1975
Chrysothamnus viscidiflorus (USU)
- 226 UT. Box Elder Co. 2 May 1975
Artemisia tridentata (USU)
- 227 UT. Box Elder Co. 2 June 1975
Chrysothamnus viscidiflorus (USU)
- 228 UT. Box Elder Co. 2 June 1975
Artemisia tridentata (USU)
- 229 UT. Box Elder Co. 2 June 1975
Atriplex confertifolia (USU)
- 230 UT. Uintah Co. 16 July 1975 Tamarix
gallica (USU)
- 231 UT. Uintah Co. 3 July 1976
Chrysothamnus nauseosus (USU)
- 232 UT. Uintah Co. 9 September 1971
Tamarix gallica (USU)
- 233 UT. Uintah Co. 7 July 1976
Chrysothamnus nauseosus (USU)
- 234 UT. Box Elder Co. 27 August 1973
Atriplex confertifolia (USU)
- 235 UT. Box Elder Co. 27 August 1973
Chrysothamnus nauseosus (USU)
- 236 UT. Box Elder Co. 27 August 1973
Artemisia tridentata (USU)

237 UT. Box Elder Co. 4 May 1974
Atriplex confertifolia (USU)

238 UT. Box Elder Co. 4 May 1974
Chrysothamnus viscidiflorus (USU)

239 UT. Box Elder Co. 4 May 1974
Artemisia tridentata (USU)

240 UT. Box Elder Co. 13 June 1974
Artemisia tridentata (USU)

241 UT. Uintah Co. 19 July 1975
Atriplex canescens (USU)

242 ID. Bonneville Co. 12 July 1975
Eriogonum spp. (USU)

243 WY. Lincoln Co. 4 September 1980
Artemisia tridentata (USU)

244 WY. Lincoln Co. 13 August 1980
Chrysothamnus spp. (USU)

245 WY. Lincoln Co. 3 July 1980
Tetradymia canescens (USU)

246 WY. Lincoln Co. 31 July 1980
Sarcobatus vermiculatus (USU)

247 UT. Uintah Co. 16 July 1976 Tamarix
gallica (USU)

248 ID. Bonneville Co. 20 July 1975
Tetradymia canescens (USU)

249 UT. Box Elder Co. 4 June 1975
Artemisia tridentata (USU)

250 UT. Uintah Co. 9 September 1976
Chrysothamnus nauseosus (USU)

251 UT. Box Elder Co. 18 May 1975
Artemisia tridentata (USU)

252 UT. Box Elder Co. 26 May 1975
Chrysothamnus viscidiflorus (USU)

253 UT. Box Elder Co. 26 May 1975
Artemisia tridentata (USU)

254 UT. Box Elder Co. 10 August 1972
Chrysothamnus viscidiflorus (USU)

255 UT. Box Elder Co. 14 August 1974
Atriplex confertifolia (USU)

256 UT. Davis Co. 11 June 1963 Purshia
tridentata (USU)

257 UT. Davis Co. 10 October 1953
Purshia tridentata (USU)

258 UT. Box Elder Co. 12 August 1973
Artemisia tridentata (USU)

259 UT. Box Elder Co. 12 June 1973
Chrysothamnus viscidiflorus (USU)

260 UT. Box Elder Co. 12 June 1973
Artemisia tridentata (USU)

261 ID. Oneida Co. 13 September 1973
Chrysothamnus spp. (USU)

262 UT. Box Elder Co. 9 May 1975
Artemisia tridentata (USU)

263 ID. Bonneville Co. 12 July 1975
Artemisia spp. (USU)

264 ID. Bonneville Co. 12 July 1975
Tetradymia canescens (USU)

265 UT. Uintah Co. 18 September 1975
Artemisia spp. (USU)

266 UT. Box Elder Co. 29 May 1974
Artemisia spp. (USU)

267 WY. Lincoln Co. 27 May 1980
Symphoricarpos spp. (USU)

268 UT. Box Elder Co. 16 April 1974
Chrysothamnus viscidiflorus (USU)

269 UT. Uintah Co. 12 June 1975 Yucca
spp. (USU)

270 ID. Kootenai Co. 12 May 1950 Rubus
spp. (USU)

271 UT. Uintah Co. 7 June 1975
Juniperus spp. (USU)

272 UT. Uintah Co. 9 September 1976
Juniperus spp. (USU)

273 UT. Uintah Co. 30 August 1975
Juniperus spp. (USU)

274 UT. Uintah Co. 8 August 1976
Juniperus spp. (USU)

275 UT. Uintah Co. 8 July 1976
Juniperus spp. (USU)

276 UT. Uintah Co. 6 June 1975
Juniperus spp. (USU)

277 ID. Bonneville Co. 6 July 1975
Juniperus spp. (USU)

278 UT. Uintah Co. 4 August 1976
Amelanchier spp. (USU)

279 UT. Uintah Co. 4 August 1976
Chrysothamnus nauseosus (USU)

280 ID. Owyhee Co. 10 June 1968
Artemisia tridentata (USU)

281 ID. Blain Co. 21 June 1968
Artemisia tridentata (USU)

282 UT. Uintah Co. 6 June 1976
Juniperus spp. (USU)

283 UT. Uintah Co. 9 September 1976
Sarcobatus vermiculatus (USU)

284 UT. Box Elder Co. 14 September 1973
Chrysothamnus viscidiflorus (USU)

285 UT. Box Elder Co. 9 May 1975 <i>Atriplex confertifolia</i> (USU)	309 WY. Lincoln Co. 12 September 1979 <i>Amelanchier</i> spp. (USU)
286 UT. Uintah Co. 9 June 1976 <i>Sarcobatus vermiculatus</i> (USU)	310 WY. Lincoln Co. 12 September 1979 <i>Symphoricarpos</i> spp. (USU)
287 UT. Uintah Co. 30 August 1975 <i>Rhus</i> <i>ovata</i> (USU)	311 WY. Lincoln Co. 27 May 1980 <i>Juniperus scopulorum</i> (USU)
288 ID. Bonneville Co. 7 June 1975 <i>Artemisia</i> spp. (USU)	312 WY. Lincoln Co. 24 June 1980 <i>Ceratoides lanata</i> (USU)
289 ID. Bonneville Co. 6 July 1975 <i>Artemisia spinescens</i> (USU)	313 WY. Lincoln Co. 27 May 1980 <i>Artemisia tridentata</i> (USU)
290 UT. Box Elder Co. 4 May 1975 <i>Chrysothamnus viscidiflorus</i> (USU)	314 WY. Lincoln Co. 9 July 1980 <i>Artemisia tridentata</i> (USU)
291 UT. Uintah Co. 9 September 1976 <i>Clematis ligusticifolia</i> (USU)	315 WY. Lincoln Co. 4 September 1980 <i>Artemisia</i> spp. (USU)
292 UT. Uintah Co. 13 May 1975 <i>Ribes</i> <i>aureum</i> (USU)	316 WY. Lincoln Co. 9 July 1980 <i>Juniperus scopulorum</i> (USU)
293 UT. Box Elder Co. 24 July 1973 <i>Atriplex confertifolia</i> (USU)	317 WY. Lincoln Co. 27 May 1980 <i>Amelanchier</i> spp. (USU)
294 UT. Uintah Co. 7 June 1975 <i>Ribes</i> <i>aureum</i> (USU)	318 WY. Lincoln Co. 27 June 1980 <i>Chrysothamnus viscidiflorus</i> (USU)
295 UT. Uintah Co. 10 September 1975 <i>Opuntia</i> spp. (USU)	319 WY. Lincoln Co. 3 July 1980 <i>Artemisia tridentata</i> (USU)
296 UT. Uintah Co. 30 August 1975 <i>Cowania</i> spp. (USU)	320 WY. Lincoln Co. 24 July 1980 <i>Eriogonum</i> spp. (USU)
297 UT. Uintah Co. 9 September 1976 <i>Atriplex confertifolia</i> (USU)	321 WY. Lincoln Co. 31 July 1980 <i>Chrysothamnus nauseosus</i> (USU)
298 UT. Uintah Co. 10 September 1976 <i>Chrysothamnus viscidiflorus</i> (USU)	322 WY. Lincoln Co. 17 July 1980 <i>Chrysothamnus nauseosus</i> (USU)
299 UT. Box Elder Co. 27 June 1973 <i>Artemisia tridentata</i> (USU)	323 WY. Lincoln Co. 31 July 1980 <i>Artemisia</i> spp. (USU)
300 UT. Box Elder Co. 3 July 1973 <i>Artemisia tridentata</i> (USU)	324 WY. Lincoln Co. 21 August 1980 <i>Chrysothamnus nauseosus</i> (USU)
301 UT. Box Elder Co. 26 August 1969 <i>Chrysothamnus viscidiflorus</i> (USU)	325 WY. Lincoln Co. 3 July 1980 <i>Ceratoides lanata</i> (USU)
302 UT. Box Elder Co. 10 August 1973 <i>Chrysothamnus viscidiflorus</i> (USU)	326 WY. Lincoln Co. 21 August 1980 <i>Artemisia</i> spp. (USU)
303 WY. Lincoln Co. 12 September 1979 <i>Artemisia tridentata</i> (USU)	327 WY. Lincoln Co. 24 July 1980 <i>Sarcobatus vermiculatus</i> (USU)
304 WY. Lincoln Co. 17 July 1980 <i>Sarcobatus vermiculatus</i> (USU)	328 WY. Lincoln Co. 13 September 1980 <i>Chrysothamnus nauseosus</i> (USU)
305 WY. Lincoln Co. 27 May 1980 <i>Prunus</i> <i>virginiana</i> (USU)	329 WY. Lincoln Co. 24 July 1980 <i>Ceratoides lanata</i> (USU)
306 WY. Lincoln Co. 27 May 1980 <i>Artemisia</i> spp. (USU)	330 WY. Lincoln Co. 31 July 1980 <i>Eriogonum</i> spp. (USU)
307 WY. Lincoln Co. 12 September 1979 <i>Chrysothamnus nauseosus</i> (USU)	331 WY. Lincoln Co. 4 August 1980 <i>Artemisia</i> spp. (USU)
308 WY. Lincoln Co. 24 June 1980 <i>Juniperus scopulorum</i> (USU)	332 WY. Lincoln Co. 4 August 1980 <i>Tetradymia canescens</i> (USU)

333 WY. Lincoln Co. 24 June 1980 <i>Sarcobatus vermiculatus</i> (USU)	357 WY. Lincoln Co. 9 July 1980 <i>Chrysothamnus</i> spp. (USU)
334 WY. Lincoln Co. 24 June 1980 <i>Chrysothamnus</i> spp. (USU)	358 WY. Lincoln Co. 27 May 1980 <i>Ceratoides lanata</i> (USU)
335 WY. Lincoln Co. 24 July 1980 <i>Tetradymia canescens</i> (USU)	359 WY. Lincoln Co. 13 August 1980 <i>Artemisia tridentata</i> (USU)
336 WY. Lincoln Co. 24 June 1980 <i>Artemisia</i> spp. (USU)	360 WY. Lincoln Co. 9 July 1980 <i>Ceratoides lanata</i> (USU)
337 WY. Lincoln Co. 17 July 1980 <i>Ceratoides lanata</i> (USU)	361 WY. Lincoln Co. 10 June 1980 <i>Chrysothamnus nauseosus</i> (USU)
338 WY. Lincoln Co. 13 August 1980 <i>Ceratoides lanata</i> (USU)	362 WY. Lincoln Co. 29 August 1980 <i>Artemisia tridentata</i> (USU)
339 WY. Lincoln Co. 29 August 1980 <i>Artemisia</i> spp. (USU)	363 WY. Lincoln Co. 3 July 1980 <i>Chrysothamnus</i> spp. (USU)
340 WY. Lincoln Co. 17 July 1980 <i>Artemisia tridentata</i> (USU)	364 WY. Lincoln Co. 7 August 1980 <i>Chrysothamnus nauseosus</i> (USU)
341 WY. Lincoln Co. 13 August 1980 <i>Chrysothamnus nauseosus</i> (USU)	365 WY. Lincoln Co. 9 July 1980 <i>Artemisia</i> spp. (USU)
342 WY. Lincoln Co. 31 July 1980 <i>Ceratoides lanata</i> (USU)	366 WY. Lincoln Co. 3 July 1980 <i>Artemisia</i> spp. (USU)
343 WY. Lincoln Co. 24 July 1980 <i>Chrysothamnus</i> spp. (USU)	367 WY. Lincoln Co. 10 June 1980 <i>Artemisia</i> spp. (USU)
344 WY. Lincoln Co. 24 July 1980 <i>Artemisia</i> spp. (USU)	368 WY. Lincoln Co. 10 June 1980 <i>Juniperus scopulorum</i> (USU)
345 WY. Lincoln Co. 13 August 1980 <i>Sarcobatus vermiculatus</i> (USU)	369 WY. Lincoln Co. 4 August 1980 <i>Sarcobatus vermiculatus</i> (USU)
346 WY. Lincoln Co. 31 July 1980 <i>Tetradymia canescens</i> (USU)	370 UT. Sanpete Co. 7 September 1979 <i>Artemisia tridentata</i> (USU)
347 WY. Lincoln Co. 21 August 1980 <i>Ceratoides lanata</i> (USU)	371 WY. Lincoln Co. 12 July 1983 <i>Eriogonum</i> spp. (USU)
348 WY. Lincoln Co. 9 July 1980 <i>Purshia</i> <i>tridentata</i> (USU)	372 WY. Lincoln Co. 3 August 1981 <i>Chrysothamnus</i> spp. (USU)
349 WY. Lincoln Co. 4 August 1980 <i>Eriogonum</i> spp. (USU)	373 WY. Lincoln Co. 4 September 1980 <i>Artemisia</i> spp. (USU)
350 WY. Lincoln Co. 24 June 1980 <i>Artemisia tridentata</i> (USU)	374 WY. Lincoln Co. 13 July 1983 <i>Lupinus</i> spp. (USU)
351 WY. Lincoln Co. 24 July 1980 <i>Atriplex</i> spp. (USU)	375 WY. Lincoln Co. 12 September 1979 <i>Sarcobatus vermiculatus</i> (USU)
352 WY. Lincoln Co. 17 July 1980 <i>Eriogonum</i> spp. (USU)	376 WY. Lincoln Co. 6 August 1981 <i>Lupinus</i> spp. (USU)
353 WY. Lincoln Co. 7 August 1981 <i>Chrysothamnus nauseosus</i> (USU)	377 WY. Lincoln Co. 2 September 1981 <i>Chrysothamnus</i> spp. (USU)
354 WY. Lincoln Co. 13 August 1980 <i>Artemisia</i> spp. (USU)	378 WY. Lincoln Co. 14 August 1981 <i>Chrysothamnus</i> spp. (USU)
355 WY. Lincoln Co. 21 August 1980 <i>Sarcobatus vermiculatus</i> (USU)	379 WY. Lincoln Co. 17 September 1980 <i>Artemisia</i> spp. (USU)
356 WY. Lincoln Co. 29 August 1980 <i>Chrysothamnus nauseosus</i> (USU)	380 WY. Lincoln Co. 2 September 1981 <i>Amelanchier</i> spp. (USU)

381 WY. Lincoln Co. 29 August 1980
Ceratoides lanata (USU)

382 WY. Lincoln Co. 4 August 1980
Chrysothamnus nauseosus (USU)

383 WY. Lincoln Co. 12 September 1979
Rosa spp. (USU)

384 WY. Lincoln Co. 30 April 1981
Artemisia nova (USU)

385 WY. Lincoln Co. 12 September 1979
Atriplex canescens (USU)

386 UT. Uintah Co. 20 May 1976
Chrysothamnus spp. (USU)

387 WY. Lincoln Co. 7 August 1981
Chrysothamnus spp. (USU)

388 UT. Uintah Co. 30 August 1975
Atriplex confertifolia (USU)

389 WY. Lincoln Co. 4 September 1980
Sarcobatus vermiculatus (USU)

390 UT. Uintah Co. 20 May 1975 *Ambrosia*
spp. (USU)

391 WY. Lincoln Co. 27 May 1980
Chrysothamnus nauseosus (USU)

392 WY. Lincoln Co. 14 May 1981
Amelanchier spp. (USU)

393 WY. Lincoln Co. 12 September 1979
Purshia tridentata (USU)

394 WY. Lincoln Co. 80 July 1917
Chrysothamnus nauseosus (USU)

395 WY. Lincoln Co. 14 August 1983
Artemisia nova (USU)

396 WY. Lincoln Co. 6 August 1981
Chrysothamnus nauseosus (USU)

397 WY. Lincoln Co. 4 August 1980
Ceratoides lanata (USU)

398 WY. Lincoln Co. 17 September 1980
Sarcobatus vermiculatus (USU)

399 WY. Lincoln Co. 24 June 1980
Eriogonum spp. (USU)

400 UT. Box Elder Co. 19 May 1975
Artemisia tridentata (USU)

401 UT. Uintah Co. 14 July 1975
Atriplex confertifolia (USU)

402 UT. Sanpete Co. 12 August 1982 *Rosa*
spp. (USU)

403 WY. Lincoln Co. 24 August 1983
Amelanchier spp. (USU)

404 WY. Lincoln Co. 13 July 1983
Artemisia spinosa (USU)

405 WY. Lincoln Co. 13 July 1983
Artemisia spp. (USU)

406 WY. Lincoln Co. 24 August 1983
Symphoricarpos spp. (USU)

407 WY. Lincoln Co. 24 August 1983
Purshia spp. (USU)

408 WY. Lincoln Co. 17 September 1981
Purshia spp. (USU)

409 UT. Sanpete Co. 1 August 1979
Artemisia tridentata (USU)

410 WY. Lincoln Co. 28 May 1981
Artemisia tridentata (USU)

411 WY. Lincoln Co. 22 September 1983
Chrysothamnus spp. (USU)

412 WY. Lincoln Co. 13 July 1983
Sarcobatus spp. (USU)

413 WY. Lincoln Co. 13 July 1983
Artemisia tridentata (USU)

414 WY. Lincoln Co. 24 August 1983
Chrysothamnus spp. (USU)

415 WY. Lincoln Co. 24 August 1983
Chrysothamnus nauseosus (USU)

416 UT. Box Elder Co. 26 April 1974
Artemisia spp. (USU)

417 WY. Lincoln Co. 29 August 1980
Sarcobatus vermiculatus (USU)

418 WY. Lincoln Co. 21 August 1980
Chrysothamnus spp. (USU)

419 WY. Lincoln Co. 29 August 1980
Chrysothamnus spp. (USU)

420 WY. Lincoln Co. 10 June 1980
Artemisia tridentata (USU)

421 WY. Lincoln Co. 28 May 1981
Artemisia spp. (USU)

422 WY. Lincoln Co. 7 September 1983
Chrysothamnus spp. (USU)

423 WY. Lincoln Co. 21 August 1980
Artemisia tridentata (USU)

424 WY. Lincoln Co. 10 June 1980
Chrysothamnus spp. (USU)

425 WY. Lincoln Co. 24 July 1980
Artemisia tridentata (USU)

426 WY. Lincoln Co. 31 July 1980
Chrysothamnus spp. (USU)

427 WY. Lincoln Co. 13 July 1983
Juniperus spp. (USU)

428 WY. Lincoln Co. 17 July 1980
Chrysothamnus spp. (USU)

429 WY. Lincoln Co. 17 September 1980
Artemisia tridentata (USU)

430 WY. Lincoln Co. 13 July 1983
Amelanchier spp. (USU)

431 WY. Lincoln Co. 31 July 1980
Artemisia tridentata (USU)

432 WY. Lincoln Co. 6 August 1981
Chrysothamnus spp. (USU)

433 WY. Lincoln Co. 12 July 1983
Juniperus spp. (USU)

434 WY. Lincoln Co. 17 July 1980
Juniperus scopulorum (USU)

435 WY. Lincoln Co. 4 August 1980
Chrysothamnus spp. (USU)

436 WY. Lincoln Co. 27 May 1980
Sarcobatus vermiculatus (USU)

437 WY. Lincoln Co. 4 August 1980
Artemisia tridentata (USU)

438 WY. Lincoln Co. 31 July 1980
Juniperus scopulorum (USU)

439 CO. Weld Co. 6 September 1971
Eriogonum spp. (UW)

440 CO. Weld Co. 7 August 1971
Eriogonum spp. (UW)

441 CO. Weld Co. 17 August 1971
Gutierrezia spp. (UW)

442 CO. Weld Co. 25 August 1971 *Salix*
interior (UW)

443 CO. Weld Co. 6 September 1971
Chrysothamnus spp. (UW)

444 CO. Weld Co. 17 August 1971
Eriogonum spp. (UW)

445 CO. Weld Co. 14 August 1972
Gutierrezia sarothrae (UW)

446 CO. Weld Co. 21 September 1972
Chrysothamnus nauseosus (UW)

447 CO. Weld Co. 6 September 1971
Eriogonum effusum (UW)

448 CO. Weld Co. 6 September 1971
Gutierrezia spp. (UW)

449 CO. Weld Co. 21 September 1972
Chrysothamnus nauseosus (UW)

450 CO. Weld Co. 7 September 1972
Chrysothamnus nauseosus (UW)

451 CO. Weld Co. 7 September 1972
Gutierrezia sarothrae (UW)

452 CO. Weld Co. 13 September 1972
Gutierrezia sarothrae (UW)

453 CO. Weld Co. 20 September 1971
Gutierrezia sarothrae (UW)

454 CO. Weld Co. 22 September 1971
Artemisia frigida (UW)

455 CO. Weld Co. 20 July 1971 *Eriogonum*
effusum (UW)

456 CO. Weld Co. 21 July 1971
Chrysothamnus nauseosus (UW)

457 CO. Weld Co. 17 August 1971
Chrysothamnus spp. (UW)

458 CO. Weld Co. 3 August 1971
Gutierrezia sarothrae (UW)

459 CO. Weld Co. 17 August 1971
Gutierrezia sarothrae (UW)

460 CO. Weld Co. 20 September 1972
Gutierrezia sarothrae (UW)

461 CO. Weld Co. 15 April 1971 *Opuntia*
spp. (UW)

462 CO. Weld Co. 17 August 1971
Artemisia frigida (UW)

463 CO. Weld Co. 7 August 1972
Gutierrezia sarothrae (UW)

464 CO. Weld Co. 19 August 1971
Gutierrezia spp. (UW)

465 CO. Weld Co. 5 September 1971
Gutierrezia sarothrae (UW)

466 CO. Weld Co. 27 August 1971
Gutierrezia sarothrae (UW)

467 CO. Weld Co. 24 August 1971
Gutierrezia sarothrae (UW)

468 CO. Weld Co. 22 October 1971
Artemisia frigida (UW)

469 CO. Weld Co. 13 September 1972
Chrysothamnus nauseosus (UW)

470 CO. Weld Co. 7 August 1972
Chrysothamnus nauseosus (UW)

471 CO. Weld Co. 15 April 1971 *Atriplex*
spp. (UW)

472 CO. Weld Co. 5 September 1971
Eriogonum effusum (UW)

473 CO. Weld Co. 24 July 1971
Gutierrezia spp. (UW)

474 CO. Weld Co. 7 August 1972
Chrysothamnus spp. (UW)

475 CO. Weld Co. 20 August 1971
Eriogonum spp. (UW)

476 CO. Weld Co. 10 August 1971 *Yucca*
glauca (=Y. *kanabensis*) (UW)

477 CO. Weld Co. 1 June 1972 *Eriogonum*
spp. (UW)

478 CO. Weld Co. 22 August 1972
Eriogonum effusum (UW)

479 CO. Weld Co. 13 September 1972
Gutierrezia spp. (UW)

480 CO. Weld Co. 15 April 1971 *Atriplex*
canescens (UW)

481 CO. Weld Co. 6 June 1971 *Artemisia*
frigida (UW)

482 CO. Weld Co. 25 October 1971
Artemisia spp. (UW)

483 CO. Weld Co. 25 August 1971
Gutierrezia sarothrae (UW)

484 CO. Weld Co. 22 October 1971
Gutierrezia sarothrae (UW)

485 CO. Weld Co. 28 June 1976 *Salix*
exigua (UW)

486 CO. Weld Co. 23 June 1975
Coryphantha vivipara (UW)

Insect to Collection Index

This index is organized alphabetically by insect scientific name. Bracketed numbers following the names are listing numbers found in the "Insect Listing," section III. For example, the species *Acanthoscelides collus*, which is followed by the bracketed number "[1824]," can be found in the "Insect Listing" as record number 1824. Numbers not contained in brackets are listing numbers found in the "Collection Listing."

Acanthoscelides collus [1824] 204
Acanthoscelides spp. [5942] 439 440 441
Aceratagallia arida [3607] 105 111
Aceratagallia cinerea [432] 5 6 9 11 16
 18 19 35 109 112 117 161 260 293 312 343
 388
Aceratagallia sanguinolenta [189] 16 30
 122 164 293
Aceratagallia spp. [626] 19 318 335 354
Aceratagallia uhleri [190] 59
Acinopterus spp. [1939] 107
Acinopterus viridis [3619] 61 204 298
Aciurina ferruginea [466] 6 22 122 248
 307 332 341 347 353 376 377 378
Aciurina lutea [2479] 149
Aciurina trixa [2480] 149
Acmaeodera variegata [2332] 32
Acrididae spp. [1248] 3
Acyrtosiphon purshiae [3236] 256 257
Adelphocoris superbus [3482] 61 156
Adialytus spp. [547] 11
Aedes dorsalis [531] 9 14 19 197 198 199
Aedes spp. [2381] 53
Aedes vexans [2380] 53
Aeolothripidae spp. [1241] 116
Agapostemon femoratus [3495] 30 124 190
 371
Agapostemon texanus [283] 31 33 204 347
Agathis atripes [451] 6 307
Agathis gibbosa [2921] 30 108 119 306
 377 419
Agathis spp. [452] 6 19 23 90 164 165
 181 237 244 330 332 362 372 418 419 429
Ageneotettix deorum [1781] 35
Ageniella conflictata [3548] 61
Ageniella euphorbiae [3547] 61
Ageniella spp. [3549] 75
Agenioideus biedermani [3550] 61
Agrilus malrostri [2331] 22
Agrilus nr. *gibbicollis* [3493] 113 194
 195 215
Agrilus spp. [1784] 136 154
Agromyzidae spp. [1468] 3 25 43 44 46 58
 71 81 82 102 146 171 185 186 191 201 315
Agulla spp. [3457] 48 64 186
Aleocharinae spp. [2330] 149 150
Aligia ocula [3625] 296
Allograpta obliqua [2388] 41
Alloneura spp. [537] 10 312 333 349 363
Allopoda spp. [2365] 61
Allotria spp. [682] 3 105 119 120 164
 170 212 303 318 350 389 424
Allotrichoma spp. [2442] 30 31
Allotricophora spp. [3588] 372
Alloxysta spp. [266] 48 61 303 318 334
 337 350 395 423
Altica spp. [1076] 455
Alydidae spp. [1280] 147 377

Amara bifrons [1066] 451
Amara musculus [5943] 452 453
Amecocerus luteipes [2346] 50 185 189
 190
Ammophila aberti [3396] 31
Ammophila azteca [3390] 204
Ammophila breviceps [3392] 21 30
Ammophila cleopatra [3391] 30 31
Ammophila dysmica [3395] 122 124
Ammophila macra [3393] 133
Ammophila spp. [714] 5 357
Ammophila unita [3394] 34
Ammophila varipes [3389] 30
Ammoplanus spp. [713] 5
Amobia floridensis [3214] 30 132
Anacharis spp. [3346] 29 133 271 303 305
 307 392
Anagris spp. [570] 16
Anagyrus spp. [536] 10
Anaspidina spp. [564] 15
Anastoechus barbatus [940] 122 443 472
Ancistrocerus adiabatus [3518] 50
Ancistrocerus spp. [3517] 30 244 304 307
 308
Andrena forbesii [5951] 485
Andrena miserabilis [5927] 371
Andrena nigrae [3498] 46
Andrena prunorum [3500] 69
Andrena ramaleyi [3499] 88 92 100
Andrena spp. [1965] 52 292
Andrena taeniata [5928] 371
Andrena vulpicolor [5950] 469
Anisopyris occidentalis [3388] 120
Anobiidae spp. [1346] 150
Anomalon spp. [3372] 31 244 307
Anoplius americanus ambiuguus [3552] 132
Anoplius illinoensis [3554] 132
Anoplius insolens [3551] 124
Anoplius relativus [3553] 33 230
Anoplius tenebrosus [898] 122 124 330
 384
Anthicus hastatus [523] 9
Anthidium placitum [5931] 244
Anthocomus spp. [2340] 57
Anthocomus thevenetii [2341] 52
Anthocoridae spp. [1234] 75
Anthocoris musculus [928] 24
Anthomyiidae spp. [1472] 5 46 71 83 142
 307 403
Anthonomus sphaeralceae [1873] 46 58 81
 362
Anthonomus spp. [2366] 81
Anthonomus tenuis [338] 458 459
Anthophora edwardsii [3439] 294
Anthophora maculifrons [3434] 92
Anthophora nr. *edwardsii* [3440] 292
Anthophora occidentalis [3435] 30
Anthophora portera [3438] 294
Anthophora urbana [3436] 30 31
Anthophora ursina [3437] 294
Apanteles bedelliae [546] 11 75 117
Apanteles spp. [453] 2 3 5 6 10 11 13 17
 19 21 30 36 48 50 59 114 122 149 150 165
 190 204 229 243 245 267 319 349 362 420
 423 429
Aphalara artemisiae [475] 1 3 97 114 315
 318
Aphalara minutissima [497] 2 3 4 96 114
 116 117 306 323 343

Aphalara spp. [418] 5 8 12 116 158 164
 165 180 185 199 200 225 245 252 304 306
 335 337 343 375 417
 Aphalonema spp. [3667] 343
 Aphaniosoma spp. [3606] 371
 Aphanogmus spp. [3342] 133 168 284
 Aphanotrigonum spp. [2428] 59 206
 Aphantorhapha spp. [3195] 183
 Aphelopus spp. [3383] 170
 Aphididae spp. [1302] 1 4 5 6 7 10 11 14
 15 16 17 19 96 114 166 199 300
 Aphidiinae spp. [1527] 2 3 4 6 9 14 16
 17 18 19 121 169 246 307
 Aphidius spp. [3354] 57 244 425
 Aphis erigoni [2100] 399
 Aphis sensoriata [417] 8
 Aphis spp. [3665] 329
 Aphobantus spp. [1133] 474
 Apion spp. [341] 218 306 315
 Apis mellifera [32] 31
 Aplanus albidus [3627] 35 105 126
 Aplanus pauperculus [3628] 112 229 365
 Apoanagris spp. [3245] 97 165
 Apolysis spp. [3566] 320 322 337
 Aporeucoela spp. [683] 3 61 150 164 183
 308 316 405
 Aporinellus fasciatus [3555] 35
 Aporinellus medianus [3557] 61
 Aporinellus yucatanensis [3556] 57
 Aporus luxus [3561] 124
 Archytas spp. [5735] 307
 Arhyssus spp. [3661] 360
 Asaphes spp. [5399] 307 318 335
 Ashmeadiella buconis [288] 31 338
 Asilus mesae [502] 2 5 341 343
 Asphondylia spp. [142] 53
 Aspicera spp. [890] 57 122
 Aspidiinae spp. [1522] 6
 Astata bakeri [5894] 372
 Astata bechteli [3397] 61
 Astichus spp. [3307] 75
 Astiosoma nr. aridum [2473] 247
 Athysanella spp. [1155] 114 149 194 306
 315 318 321 325 335 343 358 361 371
 Atissa pygmaea [2443] 30
 Atomoscelis modestus [384] 351
 Attalus spp. [2342] 111 114 179 316 336
 Attianus interstitialis [541] 11
 Auridius spp. [674] 3 117 194 259 260
 329
 Avidia compressus [3699] 204
 Baccha lemur [2389] 69 140 230
 Balclutha impicta [3620] 64
 Balclutha punctata [3621] 24 204 390
 Balclutha spp. [196] 6 173 260 304 330
 Ballana aris [572] 17 61
 Ballana spp. [569] 16 29 62 68 96 105
 111 113 116 164 166 173 197 199 279 322
 340 457
 Beckocoris laticephalus [3479] 51
 Belomicrus cladothericis [968] 30
 Belomicrus columbianus [5900] 319 371
 Belomicrus spp. [3400] 204 312 337
 Bembidion obscurellum [5944] 454
 Bembix americanus comata [3398] 109 124
 Bembix amoena [3399] 31
 Bethyridae spp. [1505] 6 9 84 291
 Bethynostethus spp. [3401] 61
 Bibio albipennis [2371] 180 181 227
 Bibio spp. [3565] 305 311
 Bicyrtes capnoptera [3402] 31 71 74
 Blacus spp. [3353] 53 55 243
 Blaesoxipha opifera [3215] 30
 Blastothrix spp. [3243] 222
 Boharticus spp. [5912] 308 311 368 427
 Bombus huntii [5526] 244 419
 Bombus morrisoni [3452] 34
 Bombus rufocinctus [629] 19 332 346
 Bombyliidae spp. [1446] 25 44 57 59 61
 71 75 81 83 85 99 103 140 155 156 159 173
 175 230
 Bonnetia comta [3194] 30 31
 Bothriothorax spp. [3244] 22 60
 Bothrotes plumbeus x [5945] 443
 Brachyacantha spp. [571] 17 331 365
 Brachymeria tegularis [3330] 57 61 176
 Brachypterolus pulicarius [2315] 68
 Brachystropha spp. [5932] 316
 Brachyunguis bonnevillensis [1004] 333
 Bracon caulicola [3356] 75
 Bracon erucorum [498] 2 3 149 286 306
 342
 Bracon gelechia [548] 11 198
 Bracon hyslopi [3355] 90
 Bracon spp. [449] 6 11 12 19 23 24 30 35
 59 69 75 88 116 122 212 305 316 323
 Braconidae spp. [1482] 1 2 3 5 6 19 24
 103 156 304 307 316 334 335
 Bradysia spp. [520] 8 9 12 30 43 44 93
 185 232 305 306 310
 Bruchidae spp. [1385] 140 141 157 364
 Bruchophagus spp. [442] 6 30 133 307 371
 Brumoides septentrionis [832] 99
 Buathra laborator altonii [3375] 31
 Bucculatrix spp. [2007] 166
 Cabrulus labeculus [3635] 320 321 342
 Calladonus montanus [555] 12
 Calliphora coloradensis [3213] 61
 Calliphora spp. [5730] 371
 Calliphora vicina [5731] 307
 Calliphoridae spp. [1474] 71
 Calomicrus spp. [2354] 107
 Calophya trioza [5892] 38 96 116 343
 Calosota metallica [3255] 122 254
 Calycomyza spp. [3590] 355
 Calythea micropteryx [3234] 71
 Campoletis argentifrons [481] 1 2 267
 303 398
 Camponotus spp. [1683] 199 228 262
 Camponotus vicinus [268] 292
 Campoplex spp. [1180] 419
 Campsoscolia alcione [3516] 119 124
 Cantharoctonus spp. [3357] 122
 Capsus cinctus [3639] 376
 Carabidae spp. [1324] 109
 Cardiophorus spp. [3581] 318
 Carnidae spp. [1532] 25 81
 Carpophilus pallipennis [2313] 48
 Catolaccus spp. [871] 337 428
 Cecidomyiidae spp. [1436] 2 3 5 8 43 71
 73 114 150 197 199 210 221 225 227 231
 311 315 316 324 326 327
 Celia spp. [522] 9
 Centrodera barri [2324] 149
 Centrodera nevadica [2323] 114
 Ceracia spp. [5736] 309 385
 Ceraphron spp. [3339] 43 149 150
 Ceraphronidae spp. [1528] 8 10 11 16 18
 243 244 245 246 303 318 335 353 371 372
 405
 Cerasia spp. [518] 8
 Ceratagallia bigeloviae [197] 16 45 192

Ceratagallia spp. [3608] 319 343
 Ceratina nanula [3441] 39
 Ceratochrysis collega [5909] 418
 Ceratopogonidae spp. [1428] 3 43 44 71
 72 80 101 102 119 221 233 305 307 309 315
 Cerceris californica [3405] 31
 Cerceris conifrons [3404] 31 34 57
 Cerceris convergens [970] 25 30 74 109
 119 122 155 204
 Cerceris echo [3403] 57 61
 Cerceris minax [3406] 30
 Cerceris rufinoda [973] 30
 Cerceris sextoides [974] 122 418
 Cercopedius artemisiae [2367] 45
 Cercyonis sthenele [5920] 353
 Ceropales brevicornis [3558] 122
 Cerylonidae spp. [1360] 156
 Ceutorhyncus adspersulus [3577] 320 325
 363
 Chaetocnema nr. brunnescens [2356] 150
 Chaetonodexodes vanderwulpi [3193] 169
 Chalarus spp. [3582] 368
 Chalcaspis spp. [3241] 88 95
 Chalcididae spp. [1493] 87
 Chalicodoma subexilis [3426] 25 31 230
 Chamaemyia juncorum [2436] 122
 Chamaemyia varipes [3589] 321 325
 Chamaemyiidae spp. [1463] 70 140 159
 Cheiloneurus spp. [3240] 120
 Chelinidea vittiger [2773] 295
 Chelonus altitudinis [3358] 75
 Chelonus sericeus [549] 11 122 162
 Chelonus spp. [450] 5 6 19 64 114 122
 124 150 163 168 212 244 271 287 304 316
 335 371
 Chironomidae spp. [1429] 3 5 8 9 15 43
 44 80 82 84 101 102 140 267 305 306 311
 313 314 315 316 317 318 319 320 321 322
 323 324 325
 Chironomus spp. [521] 5 8 14 30
 Chlamydatius associatus [3480] 92 156
 Chlamydatius obliquus [624] 19 149 334
 371
 Chlamydatius spp. [3481] 97 117 166 170
 174 179 197 199
 Chlorion aerarium [3407] 31
 Chlorochroa sayi [38] 6 9 19 44 92 121
 161 236 303
 Chlorochroa spp. [2748] 480
 Chlorocistrus spp. [3301] 32 204
 Chlorocythus spp. [514] 3 5 6 8 10 11 14
 15 16 19 61 122 149 150 371 405
 Chloropidae spp. [1467] 7 19 25 42 43 47
 71 72 81 83 85 90 99 100 103 138 140 142
 155 156 171 173 176 230 233 241
 Chlorotettix spp. [199] 16
 Chorebus spp. [712] 5 114 116 149 224
 260 288 307
 Chrysis astraia [3382] 30
 Chrysis coerulans [5413] 410
 Chrysis spp. [454] 6 61 371
 Chrysobothris spp. [2333] 161
 Chrysocharini spp. [3305] 55 253 255
 Chrysocharis ainsleyi [557] 12 19 75 96
 97 114 122 153 170 179 181 227 259 305
 308 358
 Chrysocharis spp. [5915] 334 350 385 405
 Chrysomelidae spp. [1238] 42 75 82 100
 101 107 122 136 139 149 156 157 173 174
 201 202

Chrysomelinae spp. [2353] 43 46 70
 Chrysonotomyia spp. [5916] 304 342 346
 357
 Chrysontomyia spp. [3306] 96 116 164 215
 Chrysopa spp. [9] 2 6 15 19 304 312 322
 337 356
 Chrysophagus spp. [3239] 30 35 204
 Chrysopophagus spp. [3242] 26
 Chrysops discalis [3570] 322 335 345
 Chrysotoxum coloradense [3584] 345
 Cicadellidae spp. [1288] 5 9 10 11 16 17
 18 19 156
 Circulifer tenellus [1940] 59 97 108 114
 204
 Cirrospilus spp. [3313] 70 94 306 309
 335 362 405 428 430
 Cixius spp. [228] 4 9 375
 Clastoptera brunnea [1937] 156 173
 Clastoptera delicata [3664] 61
 Clastoptera juniperina [3663] 64
 Clastoptera spp. [575] 5 17 105 111 300
 323 335 349
 Cleridae spp. [1351] 126 150 168
 Clivinema spp. [3475] 272
 Closterocerus spp. [3311] 106 113
 Coccidae spp. [1309] 16 113 161 234 268
 337 400
 Coccinella difficilis [420] 3 6 17 18
 332 341 346 365 366
 Coccinella monticola [1086] 442
 Coccinella novemnotata [578] 18 346
 Coccinella transversoguttata [419] 3 6
 18 20 243 341
 Coccinella transversoguttata richardsoni
 [833] 31
 Coccinellidae spp. [1362] 44 79 80 90
 136
 Codophila remota [3462] 109 112
 Coelioxys spp. [3427] 37
 Coelopisthia spp. [3299] 30
 Coenagrionidae spp. [5924] 304 346
 Coenosia argenticeps [562] 13 407
 Coenosia spp. [5732] 306 307
 Colladonus belli [3623] 46 53 267 391
 392
 Colladonus geminatus [1703] 267 309 311
 Colletes dissoptus [3507] 30 75 122 133
 Colletes fulgidus [5930] 307
 Colletes lutzi [458] 6 11 343 371
 Colletes simulans [3508] 133 301
 Colletes simulans nevadensis [913] 122
 Colletes spp. [5929] 307 418
 Collops bipunctatus [2338] 37 411
 Collops spp. [2337] 23 48 137 171 322
 371
 Commellus spp. [675] 3 97
 Coniopterygidae spp. [3459] 61 211
 Conioscinella spp. [699] 3 30 32 61 75
 164 165 215
 Conophorus spp. [503] 2 153
 Conopidae spp. [1453] 69
 Conozoa carinata [3454] 21 130
 Copidosoma spp. [3076] 75 116 170 258
 Coquillettia insignis [709] 5 59 150 363
 Coquillettia spp. [567] 16 17 19 164
 Corizus punctiventris [3467] 268
 Corizus spp. [3468] 197
 Corythucha immaculata [527] 9
 Cothonaspis spp. [891] 122 135 332
 Cradytes serricollis [3715] 445

Crambus vulgivagellus [3719] 469
Cremastus spp. [2453] 346
Cremnops californicus [3359] 30
Crepidodera nana [2355] 203
Cricotopus spp. [2374] 24
Crossidius allgewahri [2322] 55 122
Crossidius ater [540] 11
Crossidius corallinus [2321] 92
Crossidius spp. [421] 6
Cryptocephalus confluentus [2349] 22 450
Cryptocephalus spp. [88] 107 118 122 138
Cryptochironomus spp. [2373] 30
Cryptorhopalum uteanum [2335] 30 51
Cryptus albitarsis [3374] 71 327
Culicoides spp. [2378] 30
Curculionidae spp. [1388] 10 81 83 220
Cybocephalus spp. [1739] 35
Cyclogastrella spp. [872] 21 26 32 34 59
60 67 153 190 211 268
Cylindromyia spp. [638] 19
Cymus luridus [3464] 52
Cynipoidea spp. [1529] 9 10 11 12 16 17
18
Cyrtolobus oblongatus [528] 9
Dacnusa spp. [1971] 123 149 153 199 227
251 289 290 320
Dalmanina vitiosa [5949] 477
Dasyhelea mutabilis [2379] 30
Dasyhelea spp. [704] 4 23 30 97 109 165
209 230
Dasymutilla vestita [3513] 61
Dasytellus spp. [424] 6 307 353 377
Dasytes cruralis [2344] 75
Dasytidae spp. [1524] 45 75 115 182 183
186 307 443 444
Delphacidae spp. [1289] 53 68 136 137
142 201 222 236 320 401
Delphacodes campestra [5887] 75
Dendrocercus spp. [577] 17 29 100
Deopalpus hirsutus [3192] 21
Deraeocoris bakeri [524] 9 18 19 75 340
379 387
Deraeocoris brevis [568] 16 100
Dermestidae spp. [1345] 167
Deronectes striatellus [2329] 130
Desertana spp. [3698] 109 111 112 113
118 121 195 197
Desmometopa tarsalis [2437] 30 37 133
314
Diachus auratus [92] 33
Diadegma plutellae [684] 3 75
Diadegma spp. [3373] 53 166 199
Dialictus spp. [286] 2 6 18 30 31 32 37
109 119 122 130 204 329 332 335 377
Diamesa spp. [1136] 444
Dianlinopsis callichroma [3303] 96 97
Dianthidium pudicum decorum [3429] 81
Dianthidium subparvum subparvum [5495]
437
Dianthidium ulkei [3428] 287
Diaparsis spp. [5939] 244
Diapria spp. [3343] 42
Diapriidae spp. [1501] 371
Dibrachys carus [5913] 316
Dibrachys spp. [3265] 149
Dicaelotus spp. [5375] 397
Dicarnosis spp. [3248] 204
Dichroascytus spp. [3478] 275
Di cladocercus spp. [5917] 311
Dictyopharidae spp. [1297] 298
Diglyphus intermedia [868] 164
Diglyphus nautali [3308] 50
Diglyphus spp. [3309] 133 244 245 303
304 306 307 309 311 312 327 358 369 371
375 430
Diglyphus websteri [869] 199
Dikraneura carneola [1942] 97 114 117
197 259
Dikraneura spp. [1943] 75 376
Dinarmus spp. [5914] 303 371 372
Dinera grisescens [460] 3 6 122
Diodontus spp. [457] 6 122 164 169 204
372 381 419
Diodontus striatus [5897] 395
Dipalta serpentina [2418] 38
Diplazon spp. [5940] 308
Diploplectron ferrugineum [975] 111 122
Diploplectron fossor [5895] 325
Diploptoxa versicolor [701] 3
Discodes spp. [3249] 30 64 128
Disonycha latifrons [2358] 119 361
Disonycha latiovittata [2357] 131
Dissolcus spp. [3333] 21 75
Docosia spp. [2382] 53
Dolichopodidae spp. [1448] 71 156 201
Dorymyrmex pyramicus [2919] 31
Dorytomus squamosus [2368] 142
Drapetis spp. [717] 5 21 30 59 71 114
116 122 133 137 140 142 185
Dryinidae spp. [1506] 5 150 197 350 371
Dryudella immigrans [3409] 111
Dryudella spp. [3408] 156
Ectemnius besseyae [3410] 37
Ectemnius continuus [3411] 133
Ectemnius dilectus [976] 122
Ectemnius spp. [3412] 140
Efferia spp. [2408] 205
Elachertus spp. [3314] 165 304 305 335
Elasmosoma spp. [3360] 23 56
Elasmus nigripes [883] 30 111 122 138
177
Elasmus spp. [884] 90 122
Elateridae spp. [1340] 164
Elphia spp. [5740] 405
Emblethis vicarius [3465] 109
Empididae spp. [1447] 37 43 70 71 75
Empoasca alboneura [207] 32 53 116 133
164 197
Empoasca aspersa [476] 1 3 4 5 9 10 11
16 19 97 114 126 236 307 319 320 323 337
346
Empoasca conspersa [579] 18
Empoasca eniguae [3617] 24
Empoasca neaspersa [2247] 21 36 139 386
Empoasca spp. [433] 1 3 6 9 15 19 64 109
111 113 197 215 245 316 319 321 323 339
389
Empoasca typhlocyboidea [477] 1 2 3 4 5
9 10 13 15 16 17 18 19 36 88 98 105 113
114 165 166 199 260 299
Enallagma caruneulatum [3492] 132
Encyrtidae spp. [1487] 1 2 3 5 6 8 9 12
13 14 15 16 17 19 21 25 26 30 32 56 59 60
62 64 67 68 75 81 82 84 85 87 88 90 94 97
98 99 100 104 111 113 114 121 122 124 138
140 150 155 156 166 170 178 179 181 197
199 204 215 234 254 259 275 277 320
Encyrtus spp. [3247] 30
Entedon bigeloviae [870] 116
Entedon spp. [631] 19
Eomacrosiphum nigromaculosum [2148] 402
Epacmus spp. [2298] 30 57

Epeolus spp. [3442] 122
Ephuta spp. [3514] 61
Ephydra cinerea [2444] 164
Ephydridae spp. [1520] 43 44 71 72 74 75
85 100 102 150 201
Epicauta ferruginea [106] 443 463
Epicauta fortis [1108] 464
Epicauta pennsylvanica [1110] 463
Epicauta puncticollis [5186] 353
Epicauta stuarti [1111] 465 466 467
Epicoptera spp. [873] 254
Epimechus gracilis [3737] 460
Epimechus spp. [346] 174 318
Epinysson bellus [3413] 61
Episoda spp. [892] 48 162 169 320 378
Episyron snowi [292] 30 124
Epyris clarimontis [3384] 119 120 122
353
Epyris rufipes [3385] 30 120
Epyris sculleni [3386] 28 30 59 122
Epyris spp. [1967] 244 353 372 378
Erioptera cana [2385] 61
Eryciini spp. [3199] 116
Erynnia tortricis [5743] 404
Erythroneura aspersa [3618] 39 190
Erythrophagus spp. [3246] 111 113 161
212
Euarestoides acutangulus [173] 23 48 53
61 89 90 376
Eucerceris barri [5899] 352
Eucerceris canaliculata [3415] 133
Eucerceris superba [979] 122
Eucerceris vittatifrons [3414] 25 30 57
59 230
Euchalcidia spp. [864] 122
Eucharitidae spp. [1538] 73
Eucoila spp. [3351] 89
Eucosma spp. [1203] 469
Eudastes spp. [495] 2 30 316 320
Eudecatoma spp. [888] 24 94 269
Euderus albitarsis [515] 3 6 9 12 149
150 304 309 342 350 355 420
Euderus spp. [517] 8 22 23 34 44 57 94
111 112 122 133 227 230 254 398 405 417
420 430
Eulophidae spp. [1486] 3 5 6 9 11 17 19
21 22 23 24 26 28 30 43 44 46 48 53 61 68
71 72 74 82 86 88 114 122 170 183 190 237
260 271 272
Eumacronychia montana [3218] 61
Eumenus bollii [3520] 204
Euodynerus annulatus [2515] 124 204
Euodynerus auranus [3519] 31
Euodynerus exoglyphus albovittatus [3521]
61
Euodynerus foraminatus blandinus [3522]
30
Euodynerus spp. [3523] 25 30 61
Eupelminae spp. [3254] 23 75
Eupelmus alynii [3256] 34 43 81 100 106
122 133 149 156 169
Eupelmus spp. [866] 26 30 43 59 64 73 75
81 88 122 133 150 156 181 271 272 273 274
Eupeodes volucris [950] 439
Eupteromalus spp. [874] 198
Euptychodera corrugata [1148] 481
Europiella spp. [565] 15 16 17 23 59 67
75 88 136 140 156 171 197 233 246 303 355
395
Eurytoma spp. [441] 3 6 19 24 97 116 122
124 133 307 349 353 371 405 418

Eurytomidae spp. [1492] 75 164
Eusimulium spp. [3562] 306
Eutanyacra spp. [5936] 307 309
Eutreta diana [953] 249 323 369
Eutreta oregona [2481] 166 240
Eutreta pollinosa [3592] 339 345 347
Eutrichosomatidae spp. [1537] 28
Eutrichosomma mirabile [886] 122 126
Euxoa citricolor [414] 122
Euxoa siccata [3717] 446
Euxoa spp. [1199] 469
Euxoriste occidentalis [3563] 312
Evagetes hyacinthinus [3560] 30 346
Evagetes padrinus padrinus [3559] 34
Evylaeus spp. [558] 12 14 19 31 37 50 52
57 133 230 246 377 378
Exitianus exitiosus [209] 162
Exoprosopa calyptera [2420] 124
Exoprosopa doris [2419] 124
Exoprosopa spp. [943] 124 473
Exoristoides johnsoni [2271] 33
Fannia spp. [1903] 61
Feltia spp. [5946] 469
Fernaldina lucae [3416] 31
Forcipomyia brevipennis [2375] 37 476
Forcipomyia squamipes [2376] 53
Formica altipetens [5905] 377 421
Formica argentea [5906] 378
Formica canadensis [435] 6 7 8 11 14 16
18 19 107 116 117 150 199
Formica fusca [804] 114 150 253 420
Formica lasioides [2920] 32 92 130 204
Formica limata [5903] 322
Formica manni [393] 122 149 165 194 197
253 293
Formica neogagates [394] 245 312 334 337
358 360 361 422
Formica obscuripes [808] 305 306 315 341
Formica obtusopilosa [809] 312 326 397
Formica occulta [5902] 376 421
Formica oreas [395] 267 311
Formica planipilis [582] 18
Formica rufa [434] 3 5 6 7 9 10 12 13 14
16 17 19
Formica spp. [483] 1 2 15 190
Formica subsericea [5904] 305 306 335
Formicidae spp. [1510] 56 107 118 122
198 229 253 262
Frankliniella spp. [3] 2 5 6 9 10 11 12
14 19 116 121 212
Frigartus frigidus [573] 17 18 28 67 462
Galeopsomyia spp. [875] 254
Gastancistrus spp. [437] 3 6 10 11 12 19
48 50 52 61 81 114 156 190 197 199 230
271 276 303 307 309 312 320 337 371 423
429
Geocoris bullatus [473] 1 43
Geocoris pullens [2632] 109
Geocoris spp. [7] 3 4 6 19 307
Geron spp. [642] 19 30 35 36 75 120 124
127 204 324 329
Gerstaeckeria basalis [1096] 461
Glypta spp. [5382] 303
Glyptoscelis spp. [3575] 308 316
Gnaptodon nepticulae [3361] 24
Gnathium spp. [2229] 21 59 133 156 332
335
Gnathius spp. [2348] 119
Gnorimoschema spp. [1190] 462 471
Gonasida elata [1130] 468
Gonaspidium spp. [3347] 97

Gonatocerus spp. [500] 2 3 9 10 244 318
 337 346 350 423
 Gonia spp. [3198] 30
 Goniozus spp. [3080] 244 353 426
 Gorytes provancheri [3417] 61
 Graphocephala confluens [3616] 94
 Guerinia dydas [5741] 403 412
 Gymnosoma fuliginosum [3197] 122
 Gymnosoma spp. [507] 2 5 19 307
 Gypona melanota [3614] 304 307
 Gyponana spp. [2650] 93
 Gyron myrmecophilus [3334] 98
 Gyron pennsylvanius [3335] 271
 Gyron spp. [5908] 245
 Habrocytus spp. [436] 3 5 6 7 8 9 10 11
 12 15 16 18 19 24 75 103 109 116 122 150
 163 164 165 169 183 197 199 200 208 222
 224 226 227 228 234 236 239 253 254 259
 260 261 262
 Habronema spp. [623] 5 19
 Hadrodema spp. [3484] 183
 Hadronema princeps [3640] 346
 Haematobia irritans [3235] 108
 Halictus ligatus [543] 11 30
 Halictus rubicundus [542] 11 69
 Halictus spp. [1717] 486
 Halictus tripartitus [287] 204
 Halictus virgatellus [3496] 57
 Halophilus latifrons [2393] 37
 Haltichella spp. [443] 3 6 11 19 75 109
 122 155 254 371
 Halticoptera spp. [1997] 303 304 307 332
 335 357 362 363 371 395 423 429 430
 Hapalorhinus spp. [673] 3 308 336 404
 Haplomyza spp. [1885] 98
 Haplomyza togata [3190] 121
 Hardya dentata [561] 14 311 383
 Harmoleta spp. [3317] 52 224 227 228 229
 253
 Harmostes reflexulus [376] 19 106 307
 322 332 377
 Harpalus basilaris [2327] 150
 Harpalus fraternus [2328] 150
 Harpalus spp. [2207] 150
 Hebecephalus sagittatus [3631] 371 376
 Hebecephalus spp. [478] 1 2 19 97 98 165
 214 320
 Hedriodiscus truquii [918] 109 119 124
 Hedychridium panulum [5910] 372
 Hedychridium spp. [455] 6 30 419
 Hedychridium taylori [3380] 122
 Hedychridium violaceum [3381] 119 124
 162
 Helina troene [3220] 61 403
 Helochara communis [5809] 482
 Helophilus spp. [1141] 455
 Hemerodromia spp. [2415] 71 132
 Hemeromyia washingtona [2476] 48 61
 Hemileuca nuttalli [1637] 353
 Heodes helloides [643] 19
 Heriades varidosa [3430] 22
 Hesperia juba [5921] 353
 Hesperia spp. [644] 19
 Hesperidae spp. [1413] 122
 Hexacola spp. [3349] 59 150
 Hilara spp. [2416] 24
 Hippelates pusio [1138] 30 37 75
 Hippodamia apicalis [403] 9 17 19 43 88
 332 335 354 357
 Hippodamia convergens [322] 3 6 19 30 31
 96

Hippodamia parenthesis [622] 19 306 332
 339 367
 Hippodamia quinquesignata [837] 305 306
 341
 Hippodamia tredecimpunctata [3578] 357
 Hispinae spp. [2352] 151 152
 Hobbya spp. [3300] 30 59 75 150 204 263
 Holcostethus limbolaris [3463] 111 131
 Holopogon atrifrons [2409] 61 64
 Holopogon spp. [3569] 246
 Holopyga ventralis [896] 57 89 124
 Homaemus bijugis [2644] 303
 Homalotylus spp. [3250] 90 124
 Homoneura spp. [2471] 62
 Homoporus spp. [876] 75 113 123 230 346
 Homoscellis spp. [3489] 199
 Homotropus spp. [5937] 303
 Hoplisoides punctifrons [3418] 30 57 61
 Hormius spp. [550] 11 122
 Horogenes plutellae [480] 1 15 114 197
 303 305 371
 Hyalomys aldrichii [459] 5 6 17 19 30
 37 114 164 204 409
 Hyalomys triangulifer [5738] 304
 Hyalomys spp. [5737] 410
 Hybothoracicini spp. [3329] 75 254
 Hydnocera scabra [494] 2 304 412
 Hydnocera spp. [2336] 35 36 354
 Hydrellia spp. [2445] 215 225 335 363
 Hylaeus affinis [3510] 30 37 132 133
 Hylaeus cressoni [3511] 30 34 133
 Hylaeus nr. calvus [3512] 30 31 37
 Hylaeus spp. [545] 11 133
 Hylaeus stevensi [3509] 22 52
 Hylemya antiqua [5727] 307 403
 Hylemya cinerella [3228] 181 229 315 339
 Hylemya concorda [634] 3 19 310 373
 Hylemya neomexicana [5309] 334
 Hylemya platura (=cilicrura Rondani)
 [469] 6 122 191
 Hylemya spp. [139] 2 3 5 9 12 15 19 103
 267 306 332 363 389 404 405
 Hyperaspis spp. [840] 110
 Hyperaspis vettigera [3579] 357
 Hyperaspis bensonica [1729] 49
 Hyperaspis dissoluta [1865] 35 36
 Hyperaspis fastidiosus [2317] 118
 Hyperaspis lateralis [326] 105 106 108
 Hyperaspis nevadica [842] 111
 Hyperaspis spp. [841] 75 121 306 341
 Hyperaspis tetranensa [2316] 114
 Hypodiranchus spp. [3348] 30 133
 Hyssopus spp. [3315] 204 371
 Hysteroptera cornutatum [3668] 35 36 38
 Ichneumonidae spp. [1483] 1 3 5 19 42 81
 84 101 156 157 246 267 307 316 320 327
 335 357 371 389 419
 Idiocerus morosus [580] 18
 Idiocerus nervatus [3611] 46
 Idiocerus ramentosus [3612] 52
 Idiocerus rotundens [3613] 21
 Idiocerus snowi [3610] 24
 Idiocerus spp. [711] 5 70 307 316 385
 Idiodonus spp. [3630] 243 393
 Idiostatus spp. [5919] 334
 Idris spp. [3332] 82 100 122
 Inostemma spp. [1991] 21 75 81 122 153
 181 253 271 275 282 283 304 423
 Iphiaulax spp. [2513] 38 39 57 61 303
 Isodontia elegans [3419] 71
 Isogenoides colubrinus [3461] 52

Isoperla longiseta [3460] 52 102 157 201
Isostasius spp. [447] 3 5 6 9 10 11 19
75 86 88 99 122 246 320 327 331 335 346
353 359 362 378 423 426
Kleidocerys resedae [3466] 39
Kleidotoma spp. [3350] 24
Koebelia spp. [479] 1
Laccocera flava [677] 3 312 336 337 343
361
Laccocera spp. [628] 5 19
Laevicephalus exiguus [3632] 26
Lamprosattella sibilans [2446] 116 325
Larhopalis spp. [3252] 106 121 122 221
222 234
Lasioglossum sisymbrii [4903] 307 377
Lasioglossum spp. [544] 11
Lasioglossum trizonatum [5483] 377
Lasiops spp. [584] 18 19
Lasiosina approximata [559] 12
Lasiosina approximatinervis [700] 3 133
Lasiosina similis [2429] 52
Lebia spp. [2326] 34 122 125
Ledomyia spp. [2384] 62
Leiophron spp. [3362] 150
Leioscyta ferruginipennis [516] 7 30 32
Leioscyta spp. [566] 15 19 355
Lepidopsallus spp. [525] 9 10 16 17 18
23 24 70 93 246 340 379
Leptocera coproica [530] 9 306 310
Leptocera spp. [1140] 305
Leptoconops bertessi [2377] 30 230
Leptoconops spp. [685] 3 5
Leptoconops torrens [2370] 30 153 223
Leptogaster spp. [3568] 344
Leptoglossus occidentalis [3636] 316
Leptometopa halteralis [959] 30 57 61
122 230 242
Leptometopa latipes [2438] 30
Leptothorax muscorum [5901] 267
Leptothorax nevadensis [401] 306 315
Leptothorax nitens [816] 267
Leptothorax rugatulus [817] 306 333 336
Leptothorax spp. [534] 10 96 238
Lestes spp. [5923] 323 341
Leucophora spp. [3226] 160
Leucopis ocellaris [686] 3 338
Leucopis spp. [144] 2 3 5 13 15 16 17 25
30 33 35 56 58 82 93 126 138 139 140 144
145 150 185 211 305 306 311 314 355 368
373
Leucospis affinis [3238] 230
Leucostoma atterimum [1142] 478
Leucostoma simplex [698] 3 30 31 52
Limonius spp. [3580] 305
Limosia spp. [3227] 44 46 404 405
Lindenius columbianus [981] 37
Liorhyssus hyalinus [181] 6 19 91 204
Liriomyza spp. [688] 3 57 96 114 116 133
164 165 170 212 245 251 304 332
Lispocephala spp. [703] 3 267 305
Listus interruptus [425] 1 4 5 6 114 192
194 197 267 322
Litomastix spp. [3253] 114
Lonchopteridae spp. [1449] 42
Longitarsus spp. [2361] 197
Lopidea dakota [3659] 372
Lopidea media [3476] 34 156
Lopidea spp. [3486] 97 197 199 228
Lycaenidae spp. [1414] 30 46
Lygaeidae spp. [1236] 75 376
Lygaeus kalmii [1918] 30 31 183
Lygaeus pyrrhopterus [474] 1 109 308 322
Lygus elisus [381] 149
Lygus hesperus [24] 32 201
Lygus spp. [6] 2 4 5 6 7 9 10 11 17 18
19 31 114 164 225 307 318 320 327 337 353
357 358 377 396
Lysaphidius ramithyrus [5934] 332 363
389
Lysaphidius spp. [3363] 153 169
Lysiphlebus spp. [1969] 238
Lysiphlebus utahensis [551] 11 133 183
Lytta mejister [2347] 119
Macropsis spp. [3609] 157 385
Macrosiphum spp. [1153] 381
Macrosteles fascifrons [574] 5 17 19 122
265 385
Macrosteles snowi [3622] 94
Madiza glabra [960] 21 30 37 245 307 356
371
Malachiidae spp. [2343] 149 150
Mallophorina guildiana [2410] 122 124
Mecas bicallosa [30] 150
Meconycter spp. [2345] 22 34 50 60
Medetera spp. [539] 5 10 13 75 316 321
344 347 348 349
Megachile augustini [3431] 69 100
Megachile pacifica [3432] 37
Megachile texana [289] 30 31 37 57 230
Megachile wheeleri [5925] 244 397
Megaselia spp. [2427] 53 75
Megastigmus spp. [3316] 215
Melanagromyza nr. virescens [3591] 375
Melanagromyza spp. [3189] 53 211
Melanophyeus spp. [3258] 162
Melanoplus complanatipes [2004] 21 88
Melanoplus mexicanus [3453] 30 32 86
Melanoplus packardii [1780] 122
Melanoplus spp. [586] 18
Melanotrichus albocostatus [3488] 116
117 197
Melanotrichus althaea [3660] 371
Melanotrichus spp. [1927] 341 354 397
Meligethes dauricus [2314] 57
Melissodes agilis [3448] 118
Melissodes bimatrix [3445] 62 81 100
Melissodes dagosa [911] 164
Melissodes glenwoodensis [3444] 124
Melissodes menuachis [3446] 122
Melissodes rivalis [5926] 307
Melissodes subagilis [3447] 124
Melissodes utahensis [3443] 119 124
Meloidae spp. [1381] 58 195 198
Melyridae spp. [1352] 136 155 172 316
Membracidae spp. [1286] 121 201 376
Meoneura nr. nigrifrons [2478] 230
Meoneura nr. wirthi [2439] 75
Meoneura polita [2477] 30
Meoneura spp. [689] 3 305 306 372
Mercetencyrtus spp. [3259] 52
Merisus spp. [3302] 75
Meromyza communis [464] 6
Meromyza nigriventris [2430] 75
Meromyza spp. [148] 3 18 61 75 90
Mesoneura spp. [463] 6
Mesopolobus spp. [1183] 30 48 75 94 133
149 150 190 230 243 245 263 264 267 304
306 307 308 314 332 335 350 353 355 362
371 372 375 378 405 420 429 430 431
Metaclisis spp. [3345] 271
Meteorius leviventris [3364] 114
Metopotachis spp. [3196] 30

Microchaetina nr. *valida* [3205] 124
Microchaetina spp. [167] 103 124 441 457 478
Microctonus *eleodes* [3367] 121
Microctonus spp. [553] 11 56 111 180 197 371 438
Microdontomerus spp. [3327] 46 99 171
Microdynerus *bakirianus* [3524] 156
Microlepidoptera spp. [1540] 116 122 164 165 166 198 199 300
Micromintha spp. [5742] 384 405 412 413
Micromus *variolosus* [3458] 153 164 395
Microplitis *brassicae* [3365] 197
Microplitis *croceipes* [448] 5 6 19 91 244
Microplitis spp. [552] 11 190 307 312 334
Milichia nr. *aethiops* [2440] 75
Milichia spp. [2441] 61
Milichiidae spp. [1466] 25 44 69 71 99 122 156
Miltogramminae spp. [3219] 102
Mimesa spp. [3420] 70 304
Minettia spp. [2472] 233
Mirax spp. [3366] 204 287
Miridae spp. [1235] 6 156 179 307 308 312 332 335 339
Mocuellus spp. [627] 19 97 165 324
Monorchus *bimaculatus* [2320] 50
Monoxia *angularis* [2364] 35 36 105 111 193 216
Monoxia *elegans* [705] 5 32 35 92 245 329 335 341 349 355 356 357
Monoxia *grisea* [2362] 108 192 306 358 359 360
Monoxia *obesula* [2363] 59 107 112 161 164 194 214
Monoxia *puberula* [101] 32 61 119
Mordella spp. [422] 4 6 19 246 349 411
Mordellidae spp. [1379] 40 42 43
Mordellistena spp. [120] 351
Mormoria *bisignata* [3633] 353
Mosillus *tibialis* [2447] 30 90
Motes *argentata* [3421] 130
Mycetophilidae spp. [1433] 3 5 7 8 10 180 307 308 309 310 311
Mydas *xanthopterus* [2407] 71
Mymaridae spp. [1484] 5 6 11 16 19 24 29 44 70 82 94 96 97 98 103 114 116 121 122 148 150 151 162 166 170 174 190 197 201 254 259 260 307 310 312 325 334 335 340 345 349 359 363 419
Myrmica *americana* [818] 114 150 224 253 262 305 318 336
Mythicomyia *atra* [2421] 124 204 333
Mythicomyia spp. [640] 5 19 30 31 34 36 114 116 119 122 133 204 230 312 319 325 334 335 336 337 338 339 340
Nabis *alternatus* [25] 5 6 9 10 11 16 18 21 75 91 109 116 321 338
Nabis *ferus* (= *americoferus* Carayon) [727] 313
Nabis *vanduzeei* [3638] 394
Napomyza spp. [3188] 223 251 315
Neaspilota *finalis* [3593] 322 332 335 339 357
Neaspilota spp. [174] 3
Necremnus spp. [438] 3 5 6 11 17 53 121 122 130 150 320
Nemognatha spp. [706] 5 332 335
Nemotelus *communis* [919] 109 119 122 162
Nemotelus *politus* [2394] 37 71
Neocatolaccus spp. [877] 48 90 122 164 165
Neochrysocharis spp. [3312] 98 126 150 199
Neocnemedon spp. [489] 1 31
Neolarra spp. [3449] 30 99 155
Neolasioptera spp. [2383] 35
Neotephritis *finalis* [484] 1 3 9 17 19 55 149
Neralcia spp. [3352] 42 43
Niesthrea *sidiae* [2511] 296
Nitidulidae spp. [1353] 58 75
Noctuidae spp. [1407] 6
Nomada *fragilis* [3450] 50
Nomadopsis *scitula* [3501] 30 371
Norvellina spp. [3626] 337
Notanisomorpha spp. [3304] 81 244 320 419
Nowickia *latipacies* [3204] 75
Nysius *ericae* [1666] 32 35 122 130
Nysius spp. [427] 2 5 6 9 10 11 12 14 15 16 17 18 19 303 324 398
Obtusicauda *coweni* [1010] 306
Obtusicauda spp. [1031] 315 379
Ocyptamus *lemur* [3586] 245 346 372
Odontomyia *tumida* [939] 162
Oecanthus *californicus* [2284] 79
Oecanthus *niveus* [2285] 79
Oedopacapito [3186] 140 156
Oelothrips spp. [511] 2
Oenocyrtus spp. [3251] 30 75 97 111 254
Okanagana spp. [1596] 240 308
Olcella *parva* [2431] 52 75
Olcella *projecta* [2432] 133
Olcella *provocans* [2433] 75 133 230
Olcella *punctifrons* [2434] 23 75 124
Olcella spp. [465] 3 5 6 19 34 122 124
Olebrus spp. [423] 6
Olibrus *rufipes* [2319] 22 91 324
Olibrus spp. [122] 5 11 15 19 245 307 320 321 341 343
Oligodranes spp. [716] 5 21 75 91 133 155 332
Omalus spp. [3379] 61
Ophomyia spp. [3187] 33 59 75
Ophryastes *sulcirostris* [2369] 143
Opius *chewaucanus* [554] 11 191
Opius spp. [1972] 48 97 102 149 150 246 259 260
Opsidia *oblata* [3216] 34
Opsius *stactogalus* [218] 30 230
Orectoderus spp. [3483] 150 228
Orgilus *ferus* [3368] 199
Orgilus *impiger* [630] 19 316 418
Orgilus spp. [695] 3 97 107 164 273 314 355
Orius *tristicolor* [5] 3 5 6 11 19 31 32 88 122
Orthotylus spp. [429] 1 2 3 4 6 10 17 18 114 150 170 197 198 199 299 304 340 357 371 395
Oscinella spp. [639] 3 19 75 150 183
Osmia *lignaria* [3433] 292
Ospricerus *vallensis* [2411] 122
Oxybelus *emarginatus* [982] 30 31 37 61 133 230 371
Oxybelus *packardii* [3422] 230
Oxybelus *parvus* [3423] 30 37
Oxybelus spp. [295] 25 71 75 155 352
Oxybelus *uniglumis* [983] 133

Oxya aterrima [2482] 191
Oxya palpalis [1909] 116 150 188
Oxya utahensis [954] 191
Oxynops anthracinus [491] 1
Oxynops spp. [5744] 341
Pachybrachis bivittatus [2350] 52
Pachybrachis signatus [563] 15 36 88
Pachybrachys spp. (= *Pachybrachis* spp.) [311] 114 116 156 308
Pachyneuron allograptae [3260] 58 61 84 149 271
Pachyneuron spp. [556] 5 12 21 22 58 61 99 307 368
Pachyopsis laetus [3615] 130 287
Palmodus dimidiatus [3424] 30 31 61
Paracrias arizonensis [5918] 323 354
Paradidyma singularis [3203] 55 122 307
Paragus bicolor [461] 6 33 69
Paragus tibialis [2390] 30 31 37
Parahormius pallidipes [3369] 275
Parancistrocerus minimoferus [3525] 37
Paraphlepsius spp. [2653] 113 119
Paraphytomyza spp. [3191] 224 237
Pararchytas decesus [3202] 31
Parasierola spp. [264] 30 34
Paratiphia spp. [2002] 30 55 90 122 204 273
Paria quadriguttata [2360] 52
Parnopes edwardsii [5911] 352
Paroxyna clathrata [2483] 30 75 122 134 150 169 181
Paroxyna steyskali [957] 150
Parthenicus spp. [1928] 24 70 87 94 138 297
Pediobius spp. [679] 3 405
Pegomya spp. [3233] 84
Peleteria spp. [637] 19 31 122 307
Pelomyia coronata [2470] 43 46 71 164 185 190 371
Pelomyiella melanderi [2451] 114 169 197 198
Pentatomidae spp. [1282] 204 337
Perdita caloneura [3503] 23 30 34 37 133 204
Perdita cortifoliae [3504] 26 204
Perdita nuda [3505] 133
Perdita similis [908] 57 90 99 119 124 133 204 244
Perdita spp. [1718] 26 57 320
Perdita stottleri [3502] 26
Perdita zebrata [3506] 57 335 418
Periscepsia cinerosa [3200] 48 122 181 305 316
Periscepsia helymus [3201] 37
Periscepsia laevigata [1143] 122 479
Peritrechus saskatchewanensis [935] 164 165 199 376
Phaenicia sericata [2497] 102
Phalacridae spp. [1359] 21 100
Phalacrus spp. [123] 81 449 450
Philanthus boharti [5896] 371
Philanthus gibbosus [3425] 30 39
Philanthus multimaculatus [984] 30 34 124
Philaronia bilineata [625] 5 19
Philaronia spp. [694] 3 245 304 307 322
Philophuga uteana [3573] 350 377 415
Philygria debilis [538] 5 10 166 245 305 310 312 321 333 361 375
Phlaeothripidae spp. [1240] 9 237
Phlebosotera setipalpis [2474] 25 61 156 247
Pholeomyia indecora [492] 1
Pholeomyia spp. [690] 3
Phoridae spp. [1450] 3 9 12 19 30 43 58 65 71 81 103 107 108 109 120 198 199 305 306 307 339
Phthiria spp. [946] 26 27 28 320 444 457
Phthiria sulphurea [715] 5 38 122 133 321 328 329 330 331 332
Phyllopidea picta [512] 1 3 4 150 185 188 336
Phyllopidea spp. [1929] 181 211 226 228
Phyllotreta spp. [312] 9 14 18 19 57
Phymata fasciata [3472] 22 30 204
Physatocheila variegata [3473] 52
Physocephala texana [2397] 31 369
Phytomyza spp. [488] 1 31 77 97 98 114 117 150 153 165 166 179 181 190 207 208 211 212 223 228 238 251 267 305 311
Phytobia spp. [509] 2 3 12 61 324 337
Phytocoris spp. [428] 6 83 287 296 298 347 356
Phytomyza spp. [508] 2 3 19 251 306 311 315
Pieris protodice [3494] 61 109 120 166
Piesma incisa [3471] 117 293
Piesmatidae spp. [1274] 176
Pilophorus clavatus [383] 24
Pilophorus spp. [3474] 140
Piophila spp. [3605] 308 316
Piophilidae spp. [1464] 3
Pipunculidae spp. [1451] 68 156 219
Pipunculus spp. [2406] 109 335
Pipunculus subopacus [2404] 116
Pisonopsis spp. [3530] 61
Plagiognathus spp. [3477] 39 88 101 173
Platygaster rohweri [3341] 43 64 81 116 122 133 190
Platygaster spp. [501] 2 10 43 75 101 116 122 142 149 150 185 199 223 229 252 267 308 310 316 335
Platygaster utahensis [446] 5 6 7 9 10 11 19 43 44 55 114 116 122 133 149 156 197 223 252 268 282 303 306 310 353 383 420 425
Platygasteridae spp. [1503] 71 74 86 101 285
Platypalpus spp. [2417] 30 44 61 124 245 308 322
Plenoculus spp. [3531] 30 132
Pleotrichophorus spp. [678] 3
Ploiaria denticauda [3470] 61
Psigalio spp. [680] 3 44 48 64 271 410
Podalonia mexicana [3532] 30 31 109
Podalonia sericea [3533] 30
Podalonia spp. [5898] 307 378
Poecilantrax halycon [3567] 341
Poecilantrax spp. [5947] 475
Poecilantrax willistoni [948] 235 341
Pogonomyrmex occidentalis [822] 61 90 381
Polymerus difficilus [472] 1
Polymerus diffusus [708] 5 60 62 149 156 175 322
Prionyx atrata [988] 61 122
Prionyx canadensis [989] 30 31 34 109 119
Pristomerus spp. [3378] 37
Procecidochares minuta [1910] 30 32 43 81 149 250

Procecidochares spp. [505] 2 7 243 314
 357 375 379 380
Proctotrupes spp. [3338] 42
Proctotrupidae spp. [1500] 11
Prokelisoides salina [5888] 37 130 133
Promachus aldrichii [2412] 71 74
Promasiphya confusa [3211] 61
Promasiphya spp. [3212] 75
Promecotarsus fumatus [1099] 354 462
Prorates claripennis [3587] 319
Prothecus spp. [2405] 197 339
Protolaccus spp. [3298] 51 60 204
Psalipteryx spp. [3209] 209 315
Psammotettix spp. [220] 97
Pseudamblyteles superbus [5935] 372
Pseudanarta crocea [5922] 307
Pseudocatolaccus spp. [878] 304 355 430
Pseudodinia spp. [687] 3
Pseudodinia varipes [585] 18 75
Pseudoencyrtus spp. [681] 3 271
Pseudoepameibaphis spp. [3666] 323
Pseudoluperus longulus [3574] 335 349
Pseudoperichaeta erecta [3210] 31
Pseudotorymus spp. [3326] 30 42 204
Psila spp. [493] 1 374
Psilocephala costalis [2426] 169
Psilocephala spp. [177] 98 111 307
Psilocerus spp. [513] 6 57 75 139 164
 169 170 204 273
Psilomma spp. [3337] 149
Psilopa compta [719] 5
Psilopa olga [2448] 52
Psocidae spp. [1530] 17
Psylla ribesiae [1960] 482 484
Psyllidae spp. [1300] 7 9 13 14 19 44 70
 72 74 79 304 316 320 331 333 335 339 340
 348 369 373 416
Psylliodes punctulata [29] 121 180 207
 208 209 213
Psylliodes spp. [426] 5 6 9 11 16 18 19
 355
Pterocheilus quinquefasciatus [3526] 109
Pterocheilus spp. [3527] 150
Pteromalidae spp. [1491] 1 2 3 5 6 7 8 9
 10 11 12 14 16 18 19 21 22 25 29 36 43 44
 46 48 49 50 52 56 58 59 60 61 71 72 81 88
 89 90 91 93 99 100 101 103 112 114 122
 123 133 140 153 156 164 165 170 171 174
 180 186 190 191 192 199 201 204 212 214
 215 222 223 227 228 230 238 253 254 265
 266 307 311 345
Pteromalus spp. [879] 244 245 246 304
 305 307 318 335 340 348 353 355 359 362
 368 377 378 379 381 385 392 398 405 417
 418 419 427 432 433
Ptychoneura aristalis [3217] 30
Pulverro spp. [5893] 330 335
Pyropyga spp. [2334] 131
Ravinia planifera [5733] 303
Ravinia planifrons [159] 5 183 307 371
 408
Ravinia spp. [1139] 352
Reduviidae spp. [1270] 149
Reinhardiana petiolata [3208] 90
Rhamphomyia spp. [718] 5 267 304 305 306
Rhizomalus spp. [3261] 204
Rhynocoris ventralis [3637] 357
Rileya cecidomyiae [633] 19 30 155 165
Robertsonomyia parva [2398] 133 307 370
Rogas spp. [5933] 345
Sapyga pumila [3387] 61
Sarcophaga bishoppi [3224] 61
Sarcophaga bullata [3225] 30
Sarcophaga spp. [636] 19 31 124 169
Sarcophagidae spp. [1475] 43 58 71 74 84
 122 124 140 171
Sargus cuprarius [2395] 37 71
Saxinis saucia [2359] 61 204 349
Scaphytopius acutus [2926] 72 87 94 102
Scaptomyza pallida [2456] 133
Scatella paludum [2449] 223
Scatophaga stercorarium [5728] 307
Scatopsidae spp. [1435] 25 30 34 43 71
 230
Scelio opacus [3336] 165
Scelionidae spp. [1502] 6 11 19 102 159
 244 346 350 418
Scenopinidae spp. [2387] 30 75 140 156
 204 344 346
Schinia cumatilis [1200] 470
Schinia spp. [2236] 353
Schinia unimacula [3718] 470
Schoenomyza dorsalis [462] 6 14 164 406
Schoenomyza spp. [3232] 75
Schwarziella spp. [3331] 50
Sciaridae spp. [1434] 12 76 308
Scleroracrus plutonius [3629] 31
Scoliidae spp. [1509] 21 30
Scolops pallidus [1953] 204
Scolops spp. [533] 10 245
Scolothrips sexmaculata [693] 3
Scolothrips spp. [470] 5 6 17 18 19
Scymnus renoicus [853] 59 89 129 130 135
Scymnus spp. [560] 14 246 267 332
Scymnus uteanus [2318] 124
Senotainia flavicornis [3223] 30
Senotainia nr. trilineata [3221] 30
Senotainia rubriventris [160] 30 122 204
 320 360
Senotainia spp. [5739] 352 411
Senotainia trilineata [2266] 30 31 37
Sepsis spp. [692] 3 58 71 99 310 385
Sesiidae spp. [1398] 31 131
Silis spp. [5886] 410
Silvius quadrivitattus [2396] 69 158
Simuliidae spp. [1430] 74 155 307
Simulium griseum [2386] 59 61 63 230
Simulium spp. [519] 3 8 14 61 303 304
 305
Sinea diadema [710] 5 312 326 371 377
Sinophorus spp. [5938] 307
Siphonella neglecta [2435] 121 122 124
Siphonella nigripalpis [151] 90
Siphonella spp. [691] 3 49 59 90 97 98
Sitophaga nr. sordicolor [3207] 150
Slaterocoris flavipes [707] 156 175
Slaterocoris spp. [1147] 5 149 150 166
 199 334 371 458
Smicronyx spp. [365] 441
Sogatella kolophon [5889] 52
Solierella spp. [3534] 124
Sorhoanus debilis [3634] 371
Spathidexia reinhardii [490] 1
Sphaeroceridae spp. [1465] 201
Sphaerophoria spp. [3585] 307
Sphecodes spp. [3497] 30 37 132 204
Sphegigastrinae spp. [1523] 3 5 6 8 9 10
 12 15 19 30 48 60 61 81 83 88 90 100 103
 104 116 140 149 150 153 156 184 208 211
 212 215

Sphex ichneumoneus [991] 30 31
Spilochalcis leptis [865] 111 119
Spilochalcis side [632] 19 30 48 122 153 170 377 419
Spilogona argentiventris [3231] 44
Spilogona spp. [3230] 60
Spilomena spp. [456] 6 22 25 30 37 58 61 71 81 83 102 103 130 133 140 155 156 233 304 307
Spilomicrus spp. [3344] 55
Stenedema virens [3485] 75
Steniolia elegans [3535] 31 34
Stenodynerus anormis [3528] 30
Stenodynerus apache [3529] 30 132
Stenodynerus blandoides [964] 34 109 118 122 230
Stenodynerus noticeps [966] 302
Stenodynerus spp. [1172] 243
Stenodynerus valliceps [967] 119
Steveniopsis spp. [5734] 377
Stichopogon trifasciatus [2413] 132
Stictiella nubilosa [3536] 31
Stictiella plana [3537] 31 133
Stictocephala taurina [1163] 482
Stictopleurus plutonius [1917] 109 123
Stictopleurus spp. [3662] 303 307 377
Stictopleurus viridicatus [3469] 30 83 133 156 310 326
Stizoides unicinctus [3538] 124
Stomatomyia parvipalpi [3206] 30 31 37 122 124 204 230
Stragania spp. [676] 3 5 53 245 343
Stratiomyiidae spp. [1439] 140 141
Stylia clathrata [485] 1 3 5 14 16 17 18 19 304 308 316 325 336 338 381 382
Stylia spp. [506] 2 15
Stylia steyskali [3594] 320 322 334 335 353
Sympetrum obtrusum [3490] 132
Sympetrum spp. [3491] 132
Sympiesis spp. [1983] 112 245 335 340 405
Synopeas spp. [529] 9 10 11 19 21 30 43 75 81 86 97 122 123 197 254 307 310 372 378 395 419
Syntomosphyron spp. [583] 18 59 168 181 211
Syritta pipiens [2372] 124
Systoechus vulgaris [2423] 38
Tachinidae spp. [1476] 2 3 25 43 44 46 66 71 75 82 83 103 188 306 354 370 406
Tachysphex alpestris [3539] 61 230
Tachysphex ashmeadii [993] 30 109
Tachysphex spp. [3541] 30 34 58
Tachysphex tarsatus [3540] 61 418
Tachytes distinctus [3543] 31
Tachytes ermineus [3545] 134
Tachytes hesperus [3542] 31
Tachytes nevadensis [3544] 30 31 39 130
Tanaops spp. [2339] 30 33 49 69
Tapinoma sessile [696] 3 245 267 362 420 422
Taxigramma heteroneura [3222] 122
Technophilus croceicollis [2325] 151
Telenomus spp. [444] 3 5 6 9 11 14 16 18 19 21 24 30 34 55 59 75 107 119 122 133 169 183 244 245 254 267 306 310 312 314 320 334 335 337 342 348 349 357 389 418 419 420
Teleorhinus spp. [3487] 169 180 181 227 228 246 252 324 334 336 337 341 356 397
Temelucha spp. [3377] 96 98 308
Tenthredinidae spp. [1479] 267
Tephritidae spp. [1458] 43 81 83 100 140 156 185 187
Tephritis spp. [468] 1 2 3 6 19 307 308 311 314 316 363 368 377 383 384
Tethinidae spp. [2450] 156
Tetracneminæ spp. [3310] 111
Tetramerinx nr. unica [3229] 164 169
Tetrasphaerops spp. [499] 2
Tetrasphaeropyx spp. [1975] 149 153 327
Tetrastichus spp. [439] 2 3 4 5 6 7 9 10 11 12 14 15 17 19 21 24 30 31 34 39 43 44 48 50 52 54 56 57 59 64 75 78 90 94 97 98 108 111 112 113 114 116 117 119 122 123 124 126 133 150 153 162 163 164 165 166 170 197 199 204 217 227 228 230 244 252 254 255 271 303 304 305 306 307 309 311 312 316 327 330 333 335 340 342 345 346 348 350 353 362 371 372 375 398 405 418 419 424 428 430 435 436
Texananus spp. [532] 10 19 97 314 320 339 343
Thaumatomyia annulata [702] 3
Thaumatomyia appropinqua [487] 1 3 5 19
Thaumatomyia glabra [152] 37 53
Thecophora nigripes [2400] 31
Thecophora propinqua [2399] 30 124
Therevidae spp. [1442] 80 81
Thinodytes spp. [881] 306 307 345 371 385 405 430
Thionia cornutatum [3669] 21 271 388
Thripidae spp. [1239] 11 116 117 118 166
Thrypticus spp. [3572] 324
Thyanta punctiventris [372] 109 138 204
Thyanta rugulosa [371] 122
Thyridanthrax spp. [5948] 467
Thysanidae spp. [1536] 362
Tipula spp. [486] 1 3 14
Tipulidae spp. [1422] 14
Torymus aeneoscapus [482] 1 3 5 10 19 30 49 53 61 97 103 114 149 156 165 181 212 307
Torymus atheatus [3325] 69
Torymus capillaceus [535] 10 48 103 122 147 155 230 277 279
Torymus citripes [863] 53 280 281
Torymus dasyneurae [3321] 64 271 272 278 308
Torymus denticulatus [3323] 271
Torymus fagopyrum [3324] 270
Torymus kinseyi [3322] 90 99 420
Torymus koebelei [576] 3 17 19 21 32 60 74 75 101 122 150 156 164 166 197 204 215 227 254 279 312 318 346 399 428
Torymus nr. aea [3328] 271
Torymus occidentalis [3319] 64
Torymus potamnius [3318] 142
Torymus solitarius [3320] 270
Torymus spp. [2003] 44 58 64 103 155 230 272 275
Torymus thalassinus [697] 3 25 58 99 419
Toxophora virgata [2422] 149
Trechnites spp. [3257] 24
Trichocellus rufierus [5885] 414
Trichochrous rufipennis [1115] 446
Trichochrous spp. [117] 1 34 111 132 149 445 447 448
Trichodes ornatus [1728] 349
Trichogrammatidae spp. [1485] 3 14 96 97 98 164 165 166 168 174 199 215 218 252 335 336 350 354 405 431

Trichomalus spp. [882] 168
 Triepeolus spp. [3451] 119 124 155
 Trimerotropis bilobata [3456] 56
 Trimerotropis spp. [3455] 108
 Trimorus spp. [5907] 325 360 424
 Trioxys bonnevillensis [3371] 88
 Trioxys spp. [3370] 114 153 166 170
 Trirhabda convergens [1084] 456 457
 Trirhabda nitidicollis [1557] 196
 Trissolcus spp. [2918] 254
 Trissolcus utahensis [445] 6 18 19 30 34
 99 106 111 112 122 164 199 254
 Trixoscelis frontalis [2475] 57
 Trixoscelis spp. [510] 2 23 57 58 156
 337 357
 Trox tuberculatus [1122] 468
 Trupanea bisetosa [1911] 107 114
 Trupanea jonesi [467] 1 2 3 4 5 6 7 15
 19 133 246 307 323 324 337 341 345 381
 382 383
 Trupanea nigricollis [504] 2 5 245 304
 305 310 322 356 363 369
 Trupanea nigricornis [2484] 71 114 116
 Trupanea radifera [1912] 349
 Twiningia blanda [3624] 38
 Tychius spp. [366] 4 5 11 16 18 19 318
 329
 Ulophora timberlakei [3604] 318 324 331
 341
 Vectura spp. [496] 2 30 352
 Venturia spp. [3376] 37
 Vespidae spp. [1511] 62 150
 Villa lateralis [641] 19 124 132 341
 Villa lepidota [2424] 132
 Villa spp. [1135] 31 132 204
 Villa syrtis [2425] 124 132 342
 Volucella candata [2391] 31
 Wilcoxia painteri [2414] 26
 Wohlfahrtia spp. [635] 19
 Xerophlaea peltata [431] 6
 Xerophloea peltata [227] 11 19 22 88 109
 122 307 320 321 324 338 343 346 381 386
 387 483
 Xylota flavitibia [2392] 30 31
 Xyonysius californicus [178] 9 11 15 16
 18 19 452
 Zagogramini spp. [3237] 81 140 147 156
 Zagrammosoma spp. [440] 3 5 6 11 19 67
 98 122 164 169 170 181 190 199 208 215
 264 304 375 417
 Zanysson texanus [3546] 30 204
 Zatropis spp. [1998] 244 245 246 303 304
 307 320 323 327 329 332 334 335 340 345
 346 352 355 357 359 363 371 375 378 397
 405 418 425 426 428 434
 Zelus socius [1754] 162
 Zodion americanum [2401] 30 31 133 230
 Zodion cinereiventri [2403] 133
 Zodion fulvifrons [2402] 31 124
 Zodion intermedium [3583] 371
 Zyxaphis spp. [581] 18 319 336
 [Record Deleted] [1533] 5 21 30 34 245
 322 335 341 411

Plant to Collection Index

This index is organized alphabetically by plant species name. Bracketed numbers following the names are listing numbers found in the "Plant Listing," section IV. For example, the genus *Ambrosia* spp., which is followed by the bracketed number "[28]," can be found in the "Plant Listing" as record number 28. Numbers not contained in brackets are listing numbers found in the "Collection Listing."

Ambrosia spp. [28] 45 220 390
Amelanchier spp. [32] 8 12 39 50 79 145
 190 278 309 317 380 392 403 430
Artemisia arbuscula [55] 4
Artemisia frigida [70] 454 462 468 481
Artemisia ludoviciana [73] 29 174
Artemisia nova [59] 16 384 395
Artemisia spinescens [78] 20 289
Artemisia spinosa [628] 3 404
Artemisia spp. [54] 10 18 68 101 150 189
 191 210 263 265 266 288 306 315 323 326
 331 336 339 344 354 365 366 367 373 379
 405 416 421 482
Artemisia tridentata [63] 1 9 28 36 67
 86 88 98 105 108 111 114 120 123 126 143
 152 163 166 170 173 181 188 192 199 208
 211 222 226 228 236 239 240 243 249 251
 253 258 260 262 280 281 299 300 303 313
 314 319 340 350 359 362 370 400 409 410
 413 420 423 425 429 431 437
Artemisia tridentata tridentata [64] 15
Atriplex canescens [83] 58 77 141 159
 176 241 385 480
Atriplex confertifolia [84] 56 97 107
 112 117 118 121 128 138 151 161 165 168
 179 193 194 198 209 213 214 217 221 224
 229 234 237 255 285 293 297 388 401
Atriplex spp. [79] 35 49 61 85 115 148
 351 471
Ceratoides lanata [163] 312 325 329 337
 338 342 347 358 360 381 397
Chrysothamnus nauseosus [181] 6 21 32 34
 40 42 43 53 62 81 92 100 129 133 139 156
 175 182 185 201 205 219 231 233 235 250
 279 307 321 322 324 328 341 353 356 361
 364 382 391 394 396 415 446 449 450 456
 469 470
Chrysothamnus spp. [592] 11 19 54 59 73
 76 125 149 160 172 184 196 244 261 334
 343 357 363 372 377 378 386 387 411 414
 418 419 422 424 426 428 432 435 443 457
 474

Chrysothamnus viscidiflorus [191] 5 22
 55 60 74 91 96 106 109 110 113 116 119
 122 124 136 153 154 162 164 169 180 195
 197 200 207 212 215 216 223 225 227 238
 252 254 259 268 284 290 298 301 302 318
Clematis ligusticifolia [197] 31 37 41
 71 102 132 291
Coryphantha vivipara [217] 486
Cowania spp. [218] 296
Eriogonum effusum [635] 447 455 472 478
Eriogonum spp. [250] 27 90 99 135 183
 204 218 242 320 330 349 352 371 399 439
 440 444 475 477
Gutierrezia sarothrae [285] 26 83 187
 445 451 452 453 458 459 460 463 465 466
 467 483 484
Gutierrezia spp. [283] 441 448 464 473
 479
Holodiscus discolor [289] 177
Juniperus scopulorum [923] 308 311 316
 368 434 438
Juniperus spp. [309] 64 271 272 273 274
 275 276 277 282 427 433
Lupinus spp. [684] 374 376
Opuntia spp. [360] 295 461
Prunus virginiana [415] 305
Purshia spp. [425] 13 407 408
Purshia tridentata [427] 256 257 348 393
Rhus ovata [453] 38 72 87 130 287
Rhus trilobata [455] 80 95 147
Ribes aureum [458] 292 294
Rosa spp. [475] 383 402
Rubus spp. [481] 270
Salix exigua [496] 93 142 157 202 485
Salix interior [612] 442
Salix spp. [491] 24 46 52 65 70 82 94
 131 144 158 203
Sarcobatus spp. [594] 7 17 44 178 412
Sarcobatus vermiculatus [586] 2 23 47 48
 57 89 137 171 186 246 283 286 304 327 333
 345 355 369 375 389 398 417 436
Symphoricarpos spp. [534] 14 267 310 406
Tamarix gallica [807] 25 33 69 84 103
 140 155 167 230 232 247
Tamarix spp. [787] 30 63 104 134 146 206
Tetradymia canescens [617] 51 66 75 245
 248 264 332 335 346
Tetradymia spp. [548] 78
Yucca glauca (=Y. kanabensis) [583] 476
Yucca spp. [577] 269

SECTION III: INSECT INFORMATION

Insect Listing

This listing contains insect information. See "Description of the Sections" for details about the information included in the listing. Items in the listing are organized numerically and are located using one of the six indexes that follow in this section, except the "Insect Order to Family Index," which is used only by the "Insect Family Listing."

1 (Not examined, insect species undetermined)

2 *Aptinothrips rufus* (Gmelin)
[Thysanoptera: Thripidae] Immature/Adult Guild: Flower feeder/Flower feeder

3 *Frankliniella* spp. [Thysanoptera: Thripidae]

4 *Sericothrips* spp. [Thysanoptera: Thripidae]

5 *Orius tristicolor* (White) [Hemiptera: Anthracoridae] Immature/Adult Guild: Predator/Predator

6 *Lygus* spp. [Hemiptera: Miridae] Immature/Adult Guild: Bud, seed feeder/Bud, seed feeder

7 *Geocoris* spp. (Big-eyed bug)
[Hemiptera: Lygaeidae] Immature/Adult Guild: Predator/Predator

8 *Pitadia sayei* [Hemiptera: Pentatomidae]

9 *Chrysopa* spp. [Neuroptera: Chrysopidae] Immature/Adult Guild: Predator/?

10 *Amecocerus* spp. [Coleoptera: Dasytidae]

11 *Nabis* spp. (Damsel bugs) [Hemiptera: Nabidae] Immature/Adult Guild: Predator/Predator

12 *Thyanta* spp. [Hemiptera: Pentatomidae]

13 *Monoxia consputa* LeConte (Western beetle leaf beetle) [Coleoptera: Chrysomelidae]

14 *Cardiophorus pullus* Pl. [Coleoptera: Elateridae]

15 *Anaphothrips obscurus* (Mueller) (Grass thrips) [Thysanoptera: Thripidae]

16 *Frankliniella moultoni* Hood
[Thysanoptera: Thripidae]

17 *Frankliniella tritici* (Fitch) (Wheat thrips or flower thrips) [Thysanoptera: Thripidae]

18 *Haplothrips mali* (Fitch)
[Thysanoptera: Phlaeothripidae]
Immature/Adult Guild: Fruit feeder/Fruit feeder

19 *Aeolothrips fasciatus* (Linnaeus)
[Thysanoptera: Aeolothripidae]
Immature/Adult Guild: Predator/Predator

20 *Odontothrips lati* (Haliday)
[Thysanoptera: Thripidae]

21 *Thrips abdominalis* (Crawford)
[Thysanoptera: Thripidae]

22 *Sericothrips chrysothamni* Hodd
[Thysanoptera: Thripidae]

23 *Lygus desertinus* Knight [Hemiptera: Miridae]

24 *Lygus hesperus* Knight [Hemiptera: Miridae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

25 *Nabis alternatus* (Parshley)
[Hemiptera: Nabidae]

26 *Geocoris atricolor* (Big-eyed bug)
[Hemiptera: Lygaeidae] Immature/Adult Guild: Predator/Predator

27 *Xerophloea viridis* (Fabricius) (Green flat-headed leafhopper) [Homoptera: Cicadellidae]

28 *Calops descretus* [Coleoptera: Chrysomelidae]

29 *Psylliodes punctulata* Melscheimer (Hop flea beetle) [Coleoptera: Chrysomelidae]

30 *Mecas bicallosa* Martin [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer/?

31 *Bombus fervidus* (Fabricius) (Yellow bumblebee) [Hymenoptera: Apidae]

32 *Apis mellifera* Linnaeus (Honey bee)
[Hymenoptera: Apidae] Immature/Adult Guild: ?/Nectar, pollen feeder

33 *Malacosoma californicum* (Packard)
(California tent caterpillar)
[Lepidoptera: Lasiocampidae]
Immature/Adult Guild: Leaf feeder/?

34 *Lycophotia margaritosa* (Haworth)
(Variegated cutworm) [Lepidoptera: Noctuidae] Immature/Adult Guild: Leaf feeder/?

35 *Anacamptodes clivinaria profanata*
(Barnes & McDunnough) (Mountain mahogany looper) [Lepidoptera: Geometridae]
Immature/Adult Guild: Leaf feeder/?
Overwintering Stage: Pupae Generations Per Year: 1

- 36 *Mayetiola* spp. (=Phytophaga)
(Bitterbrush seed midges) [Diptera:
Cecidomyiidae] Immature/Adult Guild:
Internal seed feeder/?
- 37 *Hemerocampa vetusta gulosa* (=Orgyia)
Boisduvall (Western tussock moth)
[Lepidoptera: Liparidae] Immature/Adult
Guild: Fruit, leaf feeder/?
- 38 *Chlorochroa sayi* Stal (Say stinkbug)
[Hemiptera: Pentatomidae] Immature/Adult
Guild: Bud, seed feeder/Bud, seed feeder
- 39 *Filatima sperryi* Clarke (Dark
bitterbrush leaf tier) [Lepidoptera:
Tortricidae] Immature/Adult Guild:
Internal seed feeder/?
- 40 *Gelechia mandella* Busck (White-
collared leaf tier) [Lepidoptera:
Gelechiidae] Immature/Adult Guild:
Internal seed feeder/?
- 41 *Frankliniella occidentalis* (Pergande)
(Western flower thrips) [Thysanoptera:
Thripidae] Immature/Adult Guild:
Bud, flower, leaf feeder/Bud, flower, leaf
feeder
- 42 *Frankliniella minuta* (Moulton) (Small
thrips) [Thysanoptera: Thripidae]
- 43 *Leptothrips* spp. [Thysanoptera:
Phlaeothripidae]
- 44 *Thrips tabaci* Lindeman (Tobacco or
onion thrips) [Thysanoptera: Thripidae]
- 45 *Aeolothrips duvali* [Thysanoptera:
Aeolothripidae]
- 46 *Aeolothrips fuscus* [Thysanoptera:
Aeolothripidae]
- 47 *Halictus farinosus* Smith [Hymenoptera:
Halictidae]
- 48 *Hymenorus densus* LeConte [Coleoptera:
Alleculidae]
- 49 *Tricorynus gibbulum* (Fall)
[Coleoptera: Anobiidae]
- 50 *Xyletinus* nr. *lugubris* LeConte
[Coleoptera: Anobiidae]
- 51 *Anthicus* nr. *scabriceps* LeConte
[Coleoptera: Anthicidae]
- 52 *Ischyropalpus* spp. [Coleoptera:
Anthicidae]
- 53 *Notoxus* spp. [Coleoptera: Anthicidae]
- 54 *Trigonorhinus limbatus* (Say)
[Coleoptera: Anthribidae]
- 55 *Trigonorhinus* spp. [Coleoptera:
Anthribidae]
- 56 *Acanthoscelides aequalis* (Sharp)
[Coleoptera: Bruchidae]
- 57 *Acanthoscelides compressicornis*
(Schaeffer) [Coleoptera: Bruchidae]
- 58 *Acanthoscelides obrienorum* Johnson
[Coleoptera: Bruchidae]
- 59 *Acanthoscelides schrankiae* (Horn)
[Coleoptera: Bruchidae]
- 60 *Algarobius prosopis* (LeConte)
[Coleoptera: Bruchidae]
- 61 *Merobruchus julianus* (Horn)
[Coleoptera: Bruchidae]
- 62 *Mimosestes amicus* (Horn) [Coleoptera:
Bruchidae]
- 63 *Mimosestes protractus* (Horn)
[Coleoptera: Bruchidae]
- 64 *Sennius morosus* (Sharp) [Coleoptera:
Bruchidae]
- 65 *Stator limbatus* (Horn) [Coleoptera:
Bruchidae]
- 66 *Stator pruininus* (Horn) [Coleoptera:
Bruchidae]
- 67 *Zabrotes spectabilis* Horn [Coleoptera:
Bruchidae]
- 68 *Acmaeodera scalaris* Mann. [Coleoptera:
Buprestidae] Oviposition Medium: Bark
surfaces
- 69 *Agrilus gibbicollis* Fall [Coleoptera:
Buprestidae] Oviposition Medium: Bark
surfaces
- 70 *Chauliognathus discus* LeConte
[Coleoptera: Cantharidae]
- 71 *Chauliognathus marginatus* Fabricius
[Coleoptera: Cantharidae]
- 72 *Chauliognathus scutellaris* LeConte
[Coleoptera: Cantharidae]
- 73 *Trypherus* spp. [Coleoptera:
Cantharidae]
- 74 *Philophuga viridis* Dej. [Coleoptera:
Carabidae]
- 75 *Crossidius discoideus* (Say)
[Coleoptera: Cerambycidae]
- 76 *Crossidius pulchellus* LeConte
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Root, stem
borer/Nectar, petal, pollen feeder
- 77 *Placosternus difficilis* (Chev.)
[Coleoptera: Cerambycidae]

- 78 *Altica foliacea* LeConte [Coleoptera: Chrysomelidae] Immature/Adult Guild: Skeletonizer/Leaf perforator
- 79 *Babia tetraspilota* LeConte [Coleoptera: Chrysomelidae]
- 80 *Chaetocnema pulicaria* Melsh. [Coleoptera: Chrysomelidae]
- 81 *Chlamisus* nr. *foveolatus* (Knoch) [Coleoptera: Chrysomelidae]
- 82 *Colaspoides* spp. [Coleoptera: Chrysomelidae]
- 83 *Coscinoptera mucorea* (LeConte) [Coleoptera: Chrysomelidae]
- 84 *Cryptocephalus amatus* Hald. [Coleoptera: Chrysomelidae]
- 85 *Chryptocephalus brunneovittatus* Schaeffer [Coleoptera: Chrysomelidae]
- 86 *Cryptocephalus cerinus cerinus* White [Coleoptera: Chrysomelidae]
- 87 *Cryptocephalus confluens* Say [Coleoptera: Chrysomelidae]
- 88 *Cryptocephalus* spp. [Coleoptera: Chrysomelidae]
- 89 *Diabrotica longicornis longicornis* (Say) [Coleoptera: Chrysomelidae]
- 90 *Diabrotica tricineta* (Say) (Three-banded diabrotica) [Coleoptera: Chrysomelidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 91 *Diabrotica undecimpunctata howardi* Barber [Coleoptera: Chrysomelidae]
- 92 *Diachus auratus* (Fabricius) (Bronze willow flea beetle) [Coleoptera: Chrysomelidae] Immature/Adult Guild: Leaf feeder/Flower, leaf feeder
- 93 *Distigmoptera apicalis* Blake [Coleoptera: Chrysomelidae]
- 94 *Epitrix* nr. *hirtipennis* (Melsh.) [Coleoptera: Chrysomelidae]
- 95 *Euryscopa pilatei* Lac. [Coleoptera: Chrysomelidae]
- 96 *Exema mormana* Karren [Coleoptera: Chrysomelidae]
- 97 *Gastrophysa dissimilis* (Say) [Coleoptera: Chrysomelidae]
- 98 *Glyptina cerina* (LeConte) [Coleoptera: Chrysomelidae]
- 99 *Glyptina spuria* LeConte [Coleoptera: Chrysomelidae]
- 100 *Monoxia apicalis* Blake [Coleoptera: Chrysomelidae]
- 101 *Monoxia puberula* Blake [Coleoptera: Chrysomelidae]
- 102 *Pachybrachis nero* Bowditch [Coleoptera: Chrysomelidae]
- 103 *Conoderus vespertinus* (Fabricius) [Coleoptera: Elateridae]
- 104 *Megapenthes* spp. [Coleoptera: Elateridae]
- 105 *Melanophthalmus* spp. [Coleoptera: Lathridiidae]
- 106 *Epicauta ferruginea* (Say) [Coleoptera: Meloidae]
- 107 *Zonitis atripennis* (Say) [Coleoptera: Meloidae]
- 108 *Amphivectura* spp. [Coleoptera: Melyridae]
- 109 *Attalus lecontei* Champ. [Coleoptera: Melyridae]
- 110 *Collops balteatus* LeConte [Coleoptera: Melyridae]
- 111 *Collops confluens* LeConte [Coleoptera: Melyridae]
- 112 *Collops limbellus* G. & H. [Coleoptera: Melyridae]
- 113 *Collops punctatus* LeConte [Coleoptera: Melyridae]
- 114 *Collops quadrimaculatus* (Fabricius) [Coleoptera: Melyridae]
- 115 *Collops vittatus* (Say) (Striped collops) [Coleoptera: Melyridae] Immature/Adult Guild: Predator/Predator
- 116 *Hypebaeus* spp. [Coleoptera: Melyridae]
- 117 *Trichochrous* spp. [Coleoptera: Melyridae]
- 118 *Diclidia* spp. [Coleoptera: Mordellidae]
- 119 *Mordella melaena* Germar [Coleoptera: Mordellidae]
- 120 *Mordellistena* spp. [Coleoptera: Mordellidae]
- 121 *Eurygenius* spp. [Coleoptera: Pedilidae]
- 122 *Olibrus* spp. [Coleoptera: Phalacridae]

- 123 *Phalacrus* spp. [Coleoptera: Phalacridae]
- 124 [Record Deleted]
- 125 *Cotinis mutabilis* (G. & P.) [Coleoptera: Scarabaeidae]
- 126 *Diplotaxis subangulata* LeConte [Coleoptera: Scarabaeidae]
- 127 *Dendrocranulus* spp. (LeConte) [Coleoptera: Scolytidae]
- 128 *Bothrotes canaliculatus acutus* LeConte [Coleoptera: Tenebrionidae]
- 129 *Bothrotes plumbeus plumbeus* (LeConte) [Coleoptera: Tenebrionidae]
- 130 *Bothrotes* spp. [Coleoptera: Tenebrionidae]
- 131 *Eleodes extricata* (Say) [Coleoptera: Tenebrionidae]
- 132 *Eleodes fusiformis* LeConte [Coleoptera: Tenebrionidae]
- 133 *Eleodes obsoleta* (Say) [Coleoptera: Tenebrionidae]
- 134 *Eleodes tricostata* (Say) [Coleoptera: Tenebrionidae]
- 135 *Eusattus reticulatus* (Say) [Coleoptera: Tenebrionidae]
- 136 *Metoponium* nr. *cognitum* Casey [Coleoptera: Tenebrionidae]
- 137 *Steriphanus* spp. [Coleoptera: Tenebrionidae]
- 138 *Sminthurus sylvestris* Banks [Collembola: Sminthuridae]
- 139 *Hylemya* spp. [Diptera: Anthomyiidae]
- 140 *Dilophus* spp. [Diptera: Bibionidae]
- 141 *Cochliomyia macellaria* (Fabricius) (Screw worm) [Diptera: Calliphoridae]
Immature/Adult Guild: Endoparasite/?
- 142 *Asphondylia* spp. [Diptera: Cecidomyiidae]
- 143 *Rhopalomyia* spp. [Diptera: Cecidomyiidae]
- 144 *Leucopis* spp. [Diptera: Chamaemyiidae]
- 145 *Chlorops 5-punctatus* Loew [Diptera: Chloropidae]
- 146 *Chlorops* spp. [Diptera: Chloropidae]
- 147 *Conioscinella nuda* (Adams) [Diptera: Chloropidae]
- 148 *Meromyza* spp. [Diptera: Chloropidae]
- 149 *Neodiplotoxa pulchripes* (Loew) [Diptera: Chloropidae]
- 150 *Opetiophora straminea* Loew [Diptera: Chloropidae]
- 151 *Siphonella nigripalpis* (Mall.) [Diptera: Chloropidae]
- 152 *Thaumatomyia glabra* (Meigen) [Diptera: Chloropidae]
- 153 *Paralimna punctipennis* (Wied.) [Diptera: Ephydriidae]
- 154 *Camptoprosopella inaequalis* Shewell [Diptera: Lauxaniidae]
- 155 *Tritoxa cuneata* Loew [Diptera: Otitidae]
- 156 *Blaesoxipha* spp. [Diptera: Sarcophagidae]
- 157 *Ravinia derelicta* (Walker) [Diptera: Sarcophagidae]
- 158 *Ravinia lherminieri* (Robineau & Desvoidy) [Diptera: Sarcophagidae]
- 159 *Ravinia planifrons* (Aldrich) [Diptera: Sarcophagidae]
- 160 *Senotainia rubriventris* Macq. [Diptera: Sarcophagidae]
- 161 *Sepsis neocynipsea* Melander & Spuler [Diptera: Sepsidae]
- 162 *Eulalia* spp. [Diptera: Stratiomyidae]
- 163 *Nemotelus* spp. [Diptera: Stratiomyidae]
- 164 *Allograpta exotica* (Wied.) [Diptera: Syrphidae] Immature/Adult Guild: Predator/Nectar feeder
- 165 *Toxomerus marginatus* (Say) [Diptera: Syrphidae]
- 166 *Leucostoma* spp. [Diptera: Tachinidae]
- 167 *Microchaetina* spp. [Diptera: Tachinidae]
- 168 *Paradidyma* spp. [Diptera: Tachinidae]
- 169 *Prosenoides* spp. [Diptera: Tachinidae]
- 170 *Schizactia* spp. [Diptera: Tachinidae]
- 171 *Siphophyto* spp. [Diptera: Tachinidae]

- 172 *Sitophaga* spp. [Diptera: Tachinidae]
- 173 *Euarestoides acutangulus* Thomson
[Diptera: Tephritidae] Immature/Adult
Guild: Pollen feeder/? Overwintering
Stage: Pupae Oviposition Medium: Flowers
Generations Per Year: 2
- 174 *Neaspilota* spp. [Diptera:
Tephritidae]
- 175 *Trupanea actinobola* (Loew) [Diptera:
Tephritidae]
- 176 *Trupanea signata* Foote [Diptera:
Tephritidae]
- 177 *Psilocephala* spp. [Diptera:
Therevidae]
- 178 *Xyonysius californicus* (Stal)
[Hemiptera: Lygaeidae]
- 179 *Coquillettia mimetica* Osborn
[Hemiptera: Miridae]
- 180 *Mecidea major* Sailer [Hemiptera:
Pentatomidae]
- 181 *Liorhyssus hyalinus* (Fabricius)
[Hemiptera: Rhopalidae] Immature/Adult
Guild: Leaf,stem feeder/Leaf,stem feeder
- 182 *Corythucha morrilli* Osborn & Drake
[Hemiptera: Tingidae] Immature/Adult
Guild: Leaf,stem feeder/Leaf,stem feeder
- 183 *Acanalonia invenusta* Doering
[Homoptera: Acanaloniidae]
- 184 *Acanalonia parva* Doering [Homoptera:
Acanaloniidae]
- 185 *Aphis gutierrezis* (Pack & Knowlton)
[Homoptera: Aphididae]
- 186 *Dactynotus zerogutierreziae* (Smith &
Knowlton) [Homoptera: Aphididae]
- 187 *Clastoptera lineatocollis* Stal
[Homoptera: Cercopidae]
- 188 *Cerococcus artemisiae* (Cockerell)
[Homoptera: Asterolecaniidae]
- 189 *Aceratagallia sanguinolenta*
(Provancher) (Clover leafhopper)
[Homoptera: Cicadellidae] Immature/Adult
Guild: Sap feeder/Sap feeder
- 190 *Aceratagallia uhleri* (Van Duzee)
(Uhler's leafhopper) [Homoptera:
Cicadellidae] Immature/Adult Guild: Sap
feeder/Sap feeder
- 191 *Acinopterus bakeri* Lawson [Homoptera:
Cicadellidae]
- 192 *Athysanella argenteola* (Uhler)
[Homoptera: Cicadellidae]
- 193 *Athysanella clavata* Ball & Beamer
[Homoptera: Cicadellidae]
- 194 *Balclutha guajanae* (DeLong)
[Homoptera: Cicadellidae]
- 195 *Balclutha neglecta* (DeLong &
Davidson) [Homoptera: Cicadellidae]
- 196 *Balclutha* spp. [Homoptera:
Cicadellidae]
- 197 *Ceratagallia bigeloviae* (Baker)
[Homoptera: Cicadellidae]
- 198 *Chlorotettix spatulatus* Osborn & Ball
[Homoptera: Cicadellidae]
- 199 *Chlorotettix* spp. [Homoptera:
Cicadellidae]
- 200 *Ciminius sidanus* (Ball) [Homoptera:
Cicadellidae]
- 201 *Cuerna arida* Oman & Beamer
[Homoptera: Cicadellidae]
- 202 *Cuerna costalis* (Fabricius)
[Homoptera: Cicadellidae]
- 203 *Cuerna obesa* Oman & Beamer
[Homoptera: Cicadellidae]
- 204 *Cuerna striata* (Walker) [Homoptera:
Cicadellidae]
- 205 *Driotura vittata* Ball [Homoptera:
Cicadellidae]
- 206 *Driotura vittata nigra* Lawson
[Homoptera: Cicadellidae]
- 207 *Empoasca alboneura* Gillette
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 208 *Empoasca mexicana* Gillette
[Homoptera: Cicadellidae]
- 209 *Exitianus exitiosus* (Uhler)
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 210 *Flexamia abbreviata* (Osborn & Ball)
[Homoptera: Cicadellidae]
- 211 *Flexamia flexulosa* (Ball) [Homoptera:
Cicadellidae]
- 212 *Gillettella labiata* (Gillette)
[Homoptera: Cicadellidae]
- 213 *Graminella sonora* (Ball) [Homoptera:
Cicadellidae]
- 214 *Graphocephala marathonsensis* (Olsen)
[Homoptera: Cicadellidae]
- 215 *Gyponana delta* Ball [Homoptera:
Cicadellidae]

- 216 *Keonolla dolobrata* (Ball) [Homoptera: Cicadellidae]
- 217 *Norvellina pulchella* (Baker) [Homoptera: Cicadellidae]
- 218 *Opsius stactogalus* Fieber [Homoptera: Cicadellidae]
- 219 *Polyamia* spp. [Homoptera: Cicadellidae]
- 220 *Psammotettix* spp. [Homoptera: Cicadellidae]
- 221 *Scaphytopius irroratus* (Van Duzee) [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 222 *Stirellus bicolor* (Van Duzee) [Homoptera: Cicadellidae]
- 223 *Stragania bisignata* Ball [Homoptera: Cicadellidae]
- 224 *Stragania robusta* (Uhler) [Homoptera: Cicadellidae]
- 225 *Texananus latipex* DeLong [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 226 *Tinobregmus vittatus* Van Duzee [Homoptera: Cicadellidae]
- 227 *Xerophloea peltata* (Uhler) [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf,stem feeder/Leaf,stem feeder
- 228 *Cixius* spp. [Homoptera: Cixiidae]
- 229 *Oecleus nolinus* Ball & Klingenberg [Homoptera: Cixiidae]
- 230 *Oliarus* spp. [Homoptera: Cixiidae]
- 231 *Bostaera nasuta* [Homoptera: Delphacidae]
- 232 *Scolops grossus* Uhler [Homoptera: Dictyopharidae]
- 233 *Scolops pungens* (Germar) [Homoptera: Dictyopharidae]
- 234 *Eriococcus cryptus* [Homoptera: Eriococcidae]
- 235 *Eriococcus* spp. [Homoptera: Eriococcidae]
- 236 *Mistharnophantia sonora* Kirkaldy [Homoptera: Flatidae]
- 237 *Fitchiella rufipes* Lawson [Homoptera: Issidae]
- 238 *Hysteropterum sepulchralis* Ball [Homoptera: Issidae]
- 239 *Tachardiella glomerella* (Cockerell) [Homoptera: Lacciferidae]
- 240 *Oecleidiulus nanus* Van Duzee [Homoptera: Kinnaridae]
- 241 *Steatococcus townsendi* (Cockerell) [Homoptera: Margarodidae]
- 242 *Microtalis calva* (Fitch) [Homoptera: Membracidae]
- 243 *Spissistilus festinus* (Say) [Homoptera: Membracidae] Immature/Adult Guild: Stem feeder/Stem feeder
- 244 *Stictopelta marmorata* Goding [Homoptera: Membracidae]
- 245 *Vanduzeeia laeta* Goding [Homoptera: Membracidae]
- 246 *Chorizococcus* spp. [Homoptera: Pseudococcidae]
- 247 *Phenacoccus gossypii* Town. & Ckll. [Homoptera: Pseudococcidae] Immature/Adult Guild: Stem feeder/Stem feeder
- 248 *Phenacoccus helianthi* (Cockerell) [Homoptera: Pseudococcidae]
- 249 *Spilococcus* spp. [Homoptera: Pseudococcidae]
- 250 *Craspedolepta gutierreziae* (Klyver) [Homoptera: Psyllidae]
- 251 *Heteropsylla texana* Crawford [Homoptera: Psyllidae]
- 252 *Kuwayama medicaginis* Crawford (Alfalfa psyllid) [Homoptera: Psyllidae]
- 253 *Rhinopsylla dimorpha* Caldwell [Homoptera: Psyllidae]
- 254 *Trioza diospyri* Ashmead [Homoptera: Psyllidae]
- 255 *Perdita ignota* Cockerell [Hymenoptera: Andrenidae]
- 256 *Perdita* nr. *lacteipennis* Swenk. & Ckll. [Hymenoptera: Andrenidae]
- 257 *Perdita* nr. *stottleri* Cockerell [Hymenoptera: Andrenidae]
- 258 *Pseudopanurgus* spp. [Hymenoptera: Andrenidae]
- 259 *Exomalopsis* spp. [Hymenoptera: Anthophoridae]
- 260 *Melissodes* nr. *verbesinarum* Cockerell [Hymenoptera: Anthophoridae]
- 261 *Bombus sonorus* Say [Hymenoptera: Apidae]
- 262 *Schizocerella pilicornis* (Holmgren) [Hymenoptera: Argidae]

- 263 *Holepyris* spp. [Hymenoptera: Bethyridae]
- 264 *Parasierola* spp. [Hymenoptera: Bethyridae]
- 265 *Hyaleus* spp. [Hymenoptera: Colletidae]
- 266 *Alloxysta* spp. [Hymenoptera: Cynipidae]
- 267 *Melanips* spp. [Hymenoptera: Figitidae]
- 268 *Camponotus vicinus* Mayr [Hymenoptera: Formicidae]
- 269 *Conomyrma insana* (Buckley) [Hymenoptera: Formicidae]
- 270 *Crematogaster punctulata* Emery [Hymenoptera: Formicidae] Immature/Adult Guild: ?/Aphid farmer
- 271 *Forelius foetidus* (Buckley) [Hymenoptera: Formicidae]
- 272 *Iridomyrmex pruinosus* Roger [Hymenoptera: Formicidae]
- 273 *Leptothorax pergandei* Emery [Hymenoptera: Formicidae]
- 274 *Monomorium minimum* (Buckley) (Minute black ant) [Hymenoptera: Formicidae]
- 275 *Myrmecocystus depilis* Forel [Hymenoptera: Formicidae]
- 276 *Myrmecocystus mimicus* Wheeler [Hymenoptera: Formicidae]
- 277 *Novomessor cockerelli* Andre [Hymenoptera: Formicidae]
- 278 *Paratrechina* spp. [Hymenoptera: Formicidae]
- 279 *Pheidole* spp. [Hymenoptera: Formicidae]
- 280 *Pogonomyrmex rugosus* Emery [Hymenoptera: Formicidae]
- 281 *Solenopsis aurea* Wheeler [Hymenoptera: Formicidae]
- 282 *Solenopsis xyloni* McCook [Hymenoptera: Formicidae]
- 283 *Agapostemon texanus* Cresson [Hymenoptera: Halictidae]
- 284 *Dialictus clematisellus* (Cockerell) [Hymenoptera: Halictidae]
- 285 *Dialictus* nr. *hunteri* (Crawford) [Hymenoptera: Halictidae]
- 286 *Dialictus* spp. [Hymenoptera: Halictidae]
- 287 *Halictus tripartitus* Cockerell [Hymenoptera: Halictidae]
- 288 *Ashmeadiella buconis* (Say) [Hymenoptera: Megachilidae]
- 289 *Megachile texana* Cresson [Hymenoptera: Megachilidae]
- 290 *Pseudomethoca* spp. [Hymenoptera: Mutillidae]
- 291 *Anoplius* spp. [Hymenoptera: Pompilidae]
- 292 *Episyron snowi* (Viereck) [Hymenoptera: Pompilidae]
- 293 *Psorthaspis macronotum cressoni* Bladley [Hymenoptera: Pompilidae]
- 294 *Cerceris* spp. [Hymenoptera: Sphecidae]
- 295 *Oxybelus* spp. [Hymenoptera: Sphecidae]
- 296 *Paratiphia mitchelli* Allen [Hymenoptera: Tiphidae]
- 297 *Cisthene tenuifascia* (Harv.) [Lepidoptera: Arctiidae]
- 298 *Eubaphe unicolor* (Robinson) [Lepidoptera: Geometridae]
- 299 *Melanochroia chephise* (Cram.) [Lepidoptera: Geometridae]
- 300 *Pergama radiosaria* (Hulst) [Lepidoptera: Geometridae]
- 301 *Tornos scolopacinarius* (Gn.) [Lepidoptera: Geometridae]
- 302 *Acontia* spp. [Lepidoptera: Noctuidae]
- 303 *Spragueia jaguaralis* Hmps. [Lepidoptera: Noctuidae]
- 304 *Carmenta prosopis* (Edw.) [Lepidoptera: Sesiidae]
- 305 *Synnoma lynosyrana* Walsingham (Rabbitbrush webbing moth) [Lepidoptera: Tortricidae] Immature/Adult Guild: Leaf feeder/?
- 306 *Atteva punctella* (Cramer) [Lepidoptera: Yponomeutidae]
- 307 *Micromus subanticus* (Walk.) [Neuroptera: Hemerobiidae]
- 308 *Chrysopa carnea* Steph. (Common green lacewing) [Neuroptera: Chrysopidae] Immature/Adult Guild: Predator/?

- 309 *Mantispa sayi* Bks. [Neuroptera: Mantispidae]
- 310 *Pachybrachis vau* Fall [Coleoptera: Chrysomelidae]
- 311 *Pachybrachys* spp. (=Pachybrachis spp.) [Coleoptera: Chrysomelidae]
- 312 *Phyllotreta* spp. [Coleoptera: Chrysomelidae]
- 313 *Saxinis knausi* Schaeffer [Coleoptera: Chrysomelidae]
- 314 *Saxinis* spp. [Coleoptera: Chrysomelidae]
- 315 *Systema blanda* (Melsh.) (Banded flea beetle) [Coleoptera: Chrysomelidae]
- 316 *Zygogramma disrupta* Rogers [Coleoptera: Chrysomelidae]
- 317 *Enoclerus laetus* (Klug) [Coleoptera: Cleridae]
- 318 *Enoclerus coccineus* (Schenk.) [Coleoptera: Cleridae]
- 319 *Phyllobaenus discoideus* (LeConte) [Coleoptera: Cleridae]
- 320 *Anovia virginalis* (Wickham) [Coleoptera: Coccinellidae]
- 321 *Diomus debilis* (LeConte) [Coleoptera: Coccinellidae]
- 322 *Hippodamia convergens* Guerin & Meneville (Convergent ladybird beetle) [Coleoptera: Coccinellidae]
Immature/Adult Guild: Predator/Predator
- 323 *Hyperaspis comparatus* Casey [Coleoptera: Coccinellidae]
- 324 *Hyperaspis insignis* Casey [Coleoptera: Coccinellidae]
- 325 *Hyperaspis fimbriolata* (Melsh.) [Coleoptera: Coccinellidae]
- 326 *Hyperaspis lateralis* Mulsant (Lateral ladybird beetle) [Coleoptera: Coccinellidae]
Immature/Adult Guild: Predator/Predator
- 327 *Olla abdominalis* (Say) (Ash-gray or eyed ladybird beetle) [Coleoptera: Coccinellidae]
- 328 *Psyllobora renifer* (Casey) [Coleoptera: Coccinellidae]
- 329 *Nephus intrusus* Horn [Coleoptera: Coccinellidae]
- 330 *Scymnus ardelio* Horn [Coleoptera: Coccinellidae]
- 331 *Scymnus creperus* Muls. [Coleoptera: Coccinellidae]
- 332 *Scymnus horni* Gorham [Coleoptera: Coccinellidae]
- 333 *Scymnus loewii* Muls. [Coleoptera: Coccinellidae]
- 334 *Scymnus pallens* LeConte [Coleoptera: Coccinellidae]
- 335 *Zagloba hystrix* Casey [Coleoptera: Coccinellidae]
- 336 *Anthonomus decipiens* LeConte [Coleoptera: Curculionidae]
- 337 *Anthonomus* nr. *decipiens* LeConte [Coleoptera: Curculionidae]
- 338 *Anthonomus tenuis* Fall [Coleoptera: Curculionidae]
- 339 *Apion amaurum* Kissinger [Coleoptera: Curculionidae]
- 340 *Apion impunctistriatum* Smith [Coleoptera: Curculionidae]
- 341 *Apion* spp. [Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 342 *Centrinaspis* spp. [Coleoptera: Curculionidae]
- 343 *Cylindrocopturus* spp. [Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 344 *Dorytomus brevicollis* LeConte [Coleoptera: Curculionidae]
- 345 *Epimechus curvipes* Dietz [Coleoptera: Curculionidae]
- 346 *Epimechus* spp. [Coleoptera: Curculionidae]
- 347 *Minyomeres laticeps* (Casey) [Coleoptera: Curculionidae]
- 348 *Minyomeres* spp. [Coleoptera: Curculionidae]
- 349 *Mitostylus setosus* (Sharp) [Coleoptera: Curculionidae]
- 350 *Mitostylus tenuis* Horn [Coleoptera: Curculionidae]
- 351 *Myrmex lineata* (Pascoe) [Coleoptera: Curculionidae]
- 352 *Myrmex* nr. *lineata* (Pascoe) [Coleoptera: Curculionidae]
- 353 *Myrmex* spp. [Coleoptera: Curculionidae]

- 354 *Ophryastes latirostris* LeConte
[Coleoptera: Curculionidae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder
- 355 *Ophryastes* spp. [Coleoptera: Curculionidae] 377 *Corizus hyalinus* (Fabricius) (Hyaline squash bug) [Hemiptera: Coreidae]
- 356 *Pantomorus elegans* (Horn)
[Coleoptera: Curculionidae] 378 *Corythucha mollicula* Osborn & Drake (Willow lacebug) [Hemiptera: Tingidae]
- 357 *Pantomorus obscurus* (Horn)
[Coleoptera: Curculionidae] 379 *Anthocoris antevolens* White [Hemiptera: Anthocoridae]
- 358 *Peritaxia* spp. [Coleoptera: Curculionidae] 380 *Anthocoris melanocerus* Reuter [Hemiptera: Anthocoridae]
- 359 *Sibinia* spp. [Coleoptera: Curculionidae] 381 *Lygus elisus* Van Duzee [Hemiptera: Miridae]
- 360 *Smicronyx lutulentus* Dietz
[Coleoptera: Curculionidae] 382 *Lepidopsallus rubidus* (Uhler) [Hemiptera: Miridae]
- 361 *Smicronyx sordidus* LeConte
[Coleoptera: Curculionidae] 383 *Pilophorus clavatus* (L.) [Hemiptera: Miridae]
- 362 *Smicronyx spretus* Dietz [Coleoptera: Curculionidae] 384 *Atomoscelis modestus* (Van Duzee) [Hemiptera: Miridae]
- 363 *Smicronyx tessellatus* Dietz
[Coleoptera: Curculionidae] 385 *Diphadnus appendiculatus* (Hartig) (Gooseberry sawfly) [Hymenoptera: Tenthredinidae]
- 364 *Smicronyx* nr. *pleuralis* Casey
[Coleoptera: Curculionidae] 386 *Eriocampoides limacina* Retzius (Pear slug) [Hymenoptera: Tenthredinidae]
Immature/Adult Guild: Skeletonizer/?
Oviposition Medium: Leaf epidermis
Generations Per Year: 2
- 365 *Smicronyx* spp. [Coleoptera: Curculionidae] 387 *Pteronidea ribesi* (Scopoli) (Imported currant worm) [Hymenoptera: Tenthredinidae]
Immature/Adult Guild: Leaf feeder/?
Oviposition Medium: Leaf undersides
- 366 *Tychius* spp. [Coleoptera: Curculionidae] 388 *Aphaenogaster subterranea occidentalis* Emery [Hymenoptera: Formicidae]
- 367 *Cryptorhopalum balteatum* LeConte
[Coleoptera: Dermestidae] 389 *Formica fusca argentea* Wheeler (Fuscou ant) [Hymenoptera: Formicidae]
- 368 *Chlorochroa uhleri* Stal (Green stink bug) [Hemiptera: Pentatomidae] 390 *Formica fusca gelida* Wheeler (Fuscou ant) [Hymenoptera: Formicidae]
- 369 *Chlorochroa persimilis* Horv.
[Hemiptera: Pentatomidae] 391 *Formica fusca neorufibarbis* Emery (Fuscou ant) [Hymenoptera: Formicidae]
- 370 *Thyanta custator* (Fabricius) (Red-shouldered stink bug) [Hemiptera: Pentatomidae] 392 *Formica fusca subanescens* Emery (Fuscou ant) [Hymenoptera: Formicidae]
- 371 *Thyanta rugulosa* (Say) [Hemiptera: Pentatomidae] 393 *Formica manni* Wheeler [Hymenoptera: Formicidae]
- Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder
- 372 *Thyanta punctiventris* Van Duzee
[Hemiptera: Pentatomidae] 394 *Formica neogagates* Emery [Hymenoptera: Formicidae]
- 373 *Acrosternum hilaris* (Say) (Green soldier bug) [Hemiptera: Pentatomidae] 395 *Formica oreas* Wheeler [Hymenoptera: Formicidae]
- 374 *Banasa dimidata* (Say) [Hemiptera: Pentatomidae] 396 *Formica oreas comptula* Wheeler [Hymenoptera: Formicidae]
- 375 *Leptoglossus clypealis* Heidemann
[Hemiptera: Coreidae]
- 376 *Harmostes reflexulus* (Say) (Reflex squash bug) [Hemiptera: Coreidae]

- 397 *Formica rufa obscuripes* Forel (Red ant) [Hymenoptera: Formicidae] Immature/Adult Guild: ?/Aphid farmer
- 398 *Formica subpolita* Emery [Hymenoptera: Formicidae] Immature/Adult Guild: ?/Aphid farmer
- 399 *Formica truncicola intogriodos* Emery [Hymenoptera: Formicidae]
- 400 *Lasius niger sitkaensis* Pergande [Hymenoptera: Formicidae]
- 401 *Leptothorax nevadensis* Wheeler [Hymenoptera: Formicidae]
- 402 *Celerio lineata* Fabricius (White-lined or striped sphinx moth) [Lepidoptera: Sphingidae] Immature/Adult Guild: Leaf feeder/? Generations Per Year: 2
- 403 *Hippodamia apicalis* Casey [Coleoptera: Coccinellidae]
- 404 *Exema conspersa* (Mann.) [Coleoptera: Chrysomelidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 405 *Lina scripta* (Fabricius) (Cottonwood leaf beetle) [Coleoptera: Chrysomelidae] Immature/Adult Guild: Leaf feeder/? Oviposition Medium: Leaf surfaces
- 406 *Apion sordidum* Smith [Coleoptera: Curculionidae] Immature/Adult Guild: Gall exploiter/?
- 407 *Cercopis artemisiae* Pierce (Artemisia weevil) [Coleoptera: Curculionidae]
- 408 *Dicerca prolongata* LeConte [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 409 *Oxoplus corallinus* LeConte [Coleoptera: Cerambycidae]
- 410 *Saperda horni* Joutel [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: live wood/?
- 411 *Renocis heterodoxus* Casey [Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle
- 412 *Pityophthorus virilis* Blkm. [Coleoptera: Scolytidae]
- 413 *Feltia ducens* Walker [Lepidoptera: Noctuidae]
- 414 *Euxoa citricolor* (Grote) [Lepidoptera: Noctuidae]
- 415 *Trichoplusia ni* (Hubner) [Lepidoptera: Noctuidae]
- 416 *Saperda concolor* LeConte [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: live wood/?
- 417 *Aphis sensoriata* [Homoptera: Aphididae]
- 418 *Aphalara* spp. [Homoptera: Psyllidae]
- 419 *Coccinella transversoguttata* Fald. (Common red ladybird beetle) [Coleoptera: Coccinellidae]
- 420 *Coccinella difficilis* Crotch [Coleoptera: Coccinellidae]
- 421 *Crossidius* spp. (Desert shrub longhorned rootborers) [Coleoptera: Cerambycidae] Immature/Adult Guild: Root borer/Pollen feeder
- 422 *Mordella* spp. [Coleoptera: Mordellidae]
- 423 *Olebrus* spp. [Coleoptera: Phalacridae]
- 424 *Dasytillus* spp. [Coleoptera: Dasytidae]
- 425 *Listus interruptus* LeConte [Coleoptera: Dasytidae]
- 426 *Psylliodes* spp. [Coleoptera: Chrysomelidae]
- 427 *Nysius* spp. [Hemiptera: Lygaeidae]
- 428 *Phytocoris* spp. [Hemiptera: Miridae]
- 429 *Orthotylus* spp. [Hemiptera: Miridae]
- 430 *Anaphothrips tricolor* Moulton (Three-colored thrips) [Thysanoptera: Thripidae]
- 431 *Xerophlaea peltata* (Uhler) [Homoptera: Cicadellidae]
- 432 *Aceratagallia cinerea* (O. & B.) [Homoptera: Cicadellidae]
- 433 *Empoasca* spp. [Homoptera: Cicadellidae]
- 434 *Formica rufa* Linnaeus (Red ant) [Hymenoptera: Formicidae]
- 435 *Formica canadensis* [Hymenoptera: Formicidae]
- 436 *Habrocytus* spp. [Hymenoptera: Pteromalidae]
- 437 *Gastancistrus* spp. [Hymenoptera: Pteromalidae]
- 438 *Necremnus* spp. [Hymenoptera: Eulophidae]
- 439 *Tetrastichus* spp. [Hymenoptera: Eulophidae]

- 440 *Zagrammosoma* spp. [Hymenoptera: Eulophidae]
- 441 *Eurytoma* spp. [Hymenoptera: Eurytomidae]
- 442 *Bruchophagus* spp. [Hymenoptera: Eurytomidae]
- 443 *Haltichella* spp. [Hymenoptera: Chalcididae]
- 444 *Telenomus* spp. [Hymenoptera: Scelionidae]
- 445 *Trissolcus utahensis* Ashmead [Hymenoptera: Scelionidae]
- 446 *Platygaster utahensis* [Hymenoptera: Platygasteridae]
- 447 *Isostasius* spp. [Hymenoptera: Platygasteridae]
- 448 *Microplitis croceipes* (Cresson) [Hymenoptera: Braconidae]
- 449 *Bracon* spp. [Hymenoptera: Braconidae]
- 450 *Chelonus* spp. [Hymenoptera: Braconidae]
- 451 *Agathis atripes* Cresson [Hymenoptera: Braconidae]
- 452 *Agathis* spp. [Hymenoptera: Braconidae]
- 453 *Apanteles* spp. (Common braconids) [Hymenoptera: Braconidae] Immature/Adult Guild: Endoparasite/?
- 454 *Chrysis* spp. [Hymenoptera: Chrysididae]
- 455 *Hedychridium* spp. [Hymenoptera: Chrysididae]
- 456 *Spilomena* spp. [Hymenoptera: Sphecidae]
- 457 *Diodontus* spp. [Hymenoptera: Sphecidae]
- 458 *Colletes lutzi* [Hymenoptera: Colletidae]
- 459 *Hyalomyia aldrichii* Townsend [Diptera: Tachinidae]
- 460 *Dinera grisescens* (Fallen) [Diptera: Tachinidae]
- 461 *Paragus bicolor* (Fabricius) [Diptera: Syrphidae]
- 462 *Schoenomyza dorsalis* Loew [Diptera: Muscidae]
- 463 *Mesoneura* spp. [Diptera: Milichiidae]
- 464 *Meromyza communis* [Diptera: Chloropidae]
- 465 *Olcella* spp. [Diptera: Chloropidae]
- 466 *Aciurina ferruginea* (Doane) (Gall forming fruit flies) [Diptera: Chloropidae] Immature/Adult Guild: Gall former/Gall former Overwintering Stage: Eggs Oviposition Medium: Buds
- 467 *Trupanea jonesi* Curran [Diptera: Tephritidae]
- 468 *Tephritis* spp. [Diptera: Tephritidae]
- 469 *Hylemya platyura* (=cilicrura Rondani) (Meigen) (Seedcorn maggot) [Diptera: Anthomyiidae] Immature/Adult Guild: Seed, seedling feeder/?
- 470 *Scolothrips* spp. [Thysanoptera: Thripidae]
- 471 *Agapostemon* spp. [Hymenoptera: Halictidae]
- 472 *Polymerus difficilis* [Hemiptera: Miridae]
- 473 *Geocoris bullatus* (Say) (Big-eyed bug) [Hemiptera: Lygaeidae] Immature/Adult Guild: Predator/Predator
- 474 *Lygaeus pyrrhopterus* Stal [Hemiptera: Lygaeidae]
- 475 *Aphalara artemisiae* Forster (Artemisia psyllid) [Homoptera: Psyllidae]
- 476 *Empoasca aspersa* [Homoptera: Cicadellidae]
- 477 *Empoasca typhlocyboides* [Homoptera: Cicadellidae]
- 478 *Hebecephalus* spp. [Homoptera: Cicadellidae]
- 479 *Koebelia* spp. [Homoptera: Cicadellidae]
- 480 *Horogenes plutellae* [Hymenoptera: Ichneumonidae]
- 481 *Campoletis argentifrons* [Hymenoptera: Ichneumonidae]
- 482 *Torymus aeneoscapus* (Huber) [Hymenoptera: Torymidae]
- 483 *Formica* spp. [Hymenoptera: Formicidae]
- 484 *Neotephritis finalis* (Loew) [Diptera: Tephritidae]
- 485 *Stylia clathrata* [Diptera: Tephritidae]

- 486 *Tipula* spp. [Diptera: Tipulidae]
- 487 *Thaumatomyia appropinqua* (Adams)
[Diptera: Chloropidae]
- 488 *Phytomyza* spp. [Diptera: Agromyzidae]
- 489 *Neocnemedon* spp. [Diptera: Syrphidae]
- 490 *Spathidexia reinhardii* [Diptera: Tachinidae]
- 491 *Oxynops anthracinus* [Diptera: Tachinidae]
- 492 *Pholeomyia indecora* [Diptera: Milichiidae]
- 493 *Psila* spp. [Diptera: Psilidae]
- 494 *Hydnocera scabra* [Coleoptera: Cleridae]
- 495 *Eudastes* spp. [Coleoptera: Dasytidae]
- 496 *Vectura* spp. [Coleoptera: Dasytidae]
- 497 *Aphalara minutissima* Crawford
[Homoptera: Psyllidae]
- 498 *Bracon erucorum* (Cushman)
[Hymenoptera: Braconidae]
- 499 *Tetrasphaerops* spp. [Hymenoptera: Braconidae]
- 500 *Gonatocerus* spp. [Hymenoptera: Mymaridae]
- 501 *Platygaster* spp. [Hymenoptera: Platygasteridae] Oviposition Medium: Host eggs
- 502 *Asilus mesae* (Tucker) [Diptera: Asilidae]
- 503 *Conophorus* spp. [Diptera: Bombyliidae]
- 504 *Trupanea nigricollis* [Diptera: Tephritidae]
- 505 *Procecidochares* spp. (Gall forming fruit flies) [Diptera: Tephritidae]
Immature/Adult Guild: Gall former/Gall former
- 506 *Stylia* spp. [Diptera: Tephritidae]
- 507 *Gymnosoma* spp. [Diptera: Tachinidae]
- 508 *Phytomyza* spp. [Diptera: Agromyzidae]
- 509 *Phytobia* spp. [Diptera: Agromyzidae]
- 510 *Trixoscelis* spp. [Diptera: Trixoscelididae]
- 511 *Oelolothrips* spp. [Thysanoptera: Oelolothripidae]
- 512 *Phyllophora picta* (Uhler) [Hemiptera: Miridae]
- 513 *Psilocerus* spp. [Hymenoptera: Pteromalidae]
- 514 *Chlorocytus* spp. [Hymenoptera: Pteromalidae]
- 515 *Euderus albitarsis* Zett.
[Hymenoptera: Eulophidae]
- 516 *Leioscyta ferruginipennis* Goding
[Homoptera: Membracidae]
- 517 *Euderus* spp. [Hymenoptera: Eulophidae]
- 518 *Cerasia* spp. [Diptera: Tachinidae]
- 519 *Simulium* spp. (Black flies)
[Diptera: Simuliidae]
- 520 *Bradysia* spp. [Diptera: Sciaridae]
- 521 *Chironomus* spp. [Diptera: Chironomidae]
- 522 *Celia* spp. [Coleoptera: Carabidae]
- 523 *Anthicus hastatus* Casey [Coleoptera: Anthicidae]
- 524 *Deraeocoris bakeri* Knight [Hemiptera: Miridae]
- 525 *Lepidopsallus* spp. [Hemiptera: Miridae]
- 526 *Onyxa aterrima* (Doane) [Diptera: Tephritidae]
- 527 *Corythucha immaculata* Osborn & Drake
[Hemiptera: Tingidae]
- 528 *Cyrtolobus oblongatus* [Homoptera: Membracidae]
- 529 *Synopeas* spp. [Hymenoptera: Platygasteridae]
- 530 *Leptocera coproica* [Diptera: Sphaeroceridae]
- 531 *Aedes dorsalis* (Meigen) (Brown salt marsh mosquito) [Diptera: Culicidae]
- 532 *Texananus* spp. [Homoptera: Cicadellidae]
- 533 *Scolops* spp. [Homoptera: Dictyopharidae]
- 534 *Leptothorax* spp. [Hymenoptera: Formicidae]
- 535 *Torymus capillaceus* [Hymenoptera: Torymidae]

- 536 *Anagyrus* spp. [Hymenoptera: Encyrtidae]
- 537 *Alloneura* spp. [Diptera: Pipunculidae]
- 538 *Philygria debilis* Loew [Diptera: Ephydriidae]
- 539 *Medetera* spp. [Diptera: Dolichopodidae]
- 540 *Crossidius ater* LeConte [Coleoptera: Cerambycidae]
- 541 *Attianus interstitialis* [Homoptera: Cicadellidae]
- 542 *Halictus rubicundus* (Christ) [Hymenoptera: Halictidae]
- 543 *Halictus ligatus* Say [Hymenoptera: Halictidae]
- 544 *Lasioglossum* spp. [Hymenoptera: Halictidae]
- 545 *Hylaeus* spp. [Hymenoptera: Colletidae]
- 546 *Apanteles bedelliae* Viereck [Hymenoptera: Braconidae]
- 547 *Adialytus* spp. [Hymenoptera: Braconidae]
- 548 *Bracon gelechiae* [Hymenoptera: Braconidae]
- 549 *Chelonus sericeus* (Say) [Hymenoptera: Braconidae]
- 550 *Hormius* spp. [Hymenoptera: Braconidae]
- 551 *Lysiphlebus utahensis* [Hymenoptera: Braconidae]
- 552 *Microplitis* spp. [Hymenoptera: Braconidae]
- 553 *Microctonus* spp. [Hymenoptera: Braconidae]
- 554 *Opius chewaucanus* [Hymenoptera: Braconidae]
- 555 *Calladonus montanus* [Homoptera: Cicadellidae]
- 556 *Pachyneuron* spp. [Hymenoptera: Pteromalidae]
- 557 *Chrysocharis ainsleyi* Crawford [Hymenoptera: Eulophidae] Immature/Adult Guild: Endoparasite/?
- 558 *Evyllaes* spp. [Hymenoptera: Halictidae]
- 559 *Lasiosina approximata* [Diptera: Chloropidae]
- 560 *Scymnus* spp. [Coleoptera: Coccinellidae]
- 561 *Hardya dentata* [Homoptera: Cicadellidae]
- 562 *Coenosia argenticeps* [Diptera: Muscidae]
- 563 *Pachybrachis signatus* [Coleoptera: Chrysomelidae]
- 564 *Anaspidina* spp. [Coleoptera: Mordellidae]
- 565 *Europiella* spp. [Hemiptera: Miridae]
- 566 *Leioscyta* spp. [Homoptera: Membracidae]
- 567 *Coquillettia* spp. [Hemiptera: Miridae]
- 568 *Deraeocoris brevis* Uhler [Hemiptera: Miridae]
- 569 *Ballana* spp. [Homoptera: Cicadellidae]
- 570 *Anagris* spp. [Hymenoptera: Encyrtidae]
- 571 *Brachyacantha* spp. [Coleoptera: Coccinellidae]
- 572 *Ballana aris* [Homoptera: Cicadellidae]
- 573 *Frigartus frigidus* (Ball) [Homoptera: Cicadellidae]
- 574 *Macrosteles fascifrons* (Stal) [Homoptera: Cicadellidae]
- 575 *Clastoptera* spp. [Homoptera: Cercopidae]
- 576 *Torymus koebelei* [Hymenoptera: Torymidae]
- 577 *Dendrocerus* spp. [Hymenoptera: Ceraphronidae]
- 578 *Coccinella novemnotata* Herbst. [Coleoptera: Coccinellidae]
- 579 *Empoasca conspersa* [Homoptera: Cicadellidae]
- 580 *Idiocerus morosus* Ball [Homoptera: Cicadellidae]
- 581 *Zyxaphis* spp. Knowlton [Homoptera: Aphididae]
- 582 *Formica planipilis* [Hymenoptera: Formicidae]

- 583 *Syntomosphyron* spp. [Hymenoptera: Eulophidae]
- 584 *Lasiops* spp. [Diptera: Anthomyiidae]
- 585 *Pseudodinia varipes* Coq. [Diptera: Chamaemyiidae]
- 586 *Melanoplus* spp. [Orthoptera: Acrididae]
- 587 *Aphis cryptus* Pack & Knowlton [Homoptera: Aphididae]
- 588 *Anuraphis gutierrezis* [Homoptera: Aphididae]
- 589 *Capitophorus utense* [Homoptera: Aphididae]
- 590 *Tritogenaphis utahensis* [Homoptera: Aphididae]
- 591 *Tritogenaphis gutierrezia* [Homoptera: Aphididae]
- 592 *Cavariella hendersoni* [Homoptera: Aphididae]
- 593 *Aspidaphis adjuvans rowei* [Homoptera: Aphididae]
- 594 *Aphis infrequens* [Homoptera: Aphididae]
- 595 *Aphis chrysothamnicola* [Homoptera: Aphididae]
- 596 *Kakimia ribe-utahensis* Knowlton [Homoptera: Aphididae]
- 597 *Capitophorus palmerae* Knowlton [Homoptera: Aphididae]
- 598 *Capitophorus elongatus* Knowlton [Homoptera: Aphididae]
- 599 *Epameibaphis thornleyi* [Homoptera: Aphididae]
- 600 *Epameibaphis atricornis* Gillette & Palmer [Homoptera: Aphididae]
- 601 *Epameibaphis frigidae* (Oestlund) [Homoptera: Aphididae]
- 602 *Aphis artemisicola* Williams [Homoptera: Aphididae]
- 603 *Aphis canae* Williams [Homoptera: Aphididae]
- 604 *Aphis oregonensis* Wilson [Homoptera: Aphididae]
- 605 *Macrosiphum artemisiphilus* Knowlton & Allen [Homoptera: Aphididae]
- 606 *Macrosiphum coweni* (Hunter) [Homoptera: Aphididae]
- 607 *Macrosiphum filifoliae* Gillette & Palmer [Homoptera: Aphididae]
- 608 *Macrosiphum frigidae* (Oestlund) [Homoptera: Aphididae]
- 609 *Macrosiphum frigidicola* (Gillette & Palmer) [Homoptera: Aphididae]
- 610 *Macrosiphum jonesi* Gillette & Palmer [Homoptera: Aphididae]
- 611 *Macrosiphum ludoviciana* (Oestlund) (Wormwood aphid) [Homoptera: Aphididae]
- 612 *Tuberolachnus salignus* (Gmelin) (Giant willow aphid) [Homoptera: Aphididae]
- 613 *Melanoxantherium beulahensis* (Ck1.) [Homoptera: Aphididae]
- 614 *Melanoxantherium populea* (Kalt.) [Homoptera: Aphididae]
- 615 *Melanoxantherium bicolor* (Oest.) [Homoptera: Aphididae]
- 616 *Melanoxantherium salicis* (L.) [Homoptera: Aphididae]
- 617 *Melanoxantherium populifoliae* (Fitch) [Homoptera: Aphididae]
- 618 *Melanoxantherium smithiae* (Monell) [Homoptera: Aphididae]
- 619 *Chaitophorus nigrae* Oestlund [Homoptera: Aphididae]
- 620 *Amphicercidus pulverulens* (Gill.) [Homoptera: Aphididae]
- 621 *Cedoaphis symphoricarpi* (Ths.) [Homoptera: Aphididae]
- 622 *Hippodamia parenthesis* (Say) (Parenthesis ladybird beetle) [Coleoptera: Coccinellidae]
Immature/Adult Guild: Predator/Predator
- 623 *Habronema* spp. [Hemiptera: Miridae]
- 624 *Chlamydatus obliquus* [Hemiptera: Miridae]
- 625 *Philaronia bilineata* [Homoptera: Cercopidae]
- 626 *Aceratagallia* spp. [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 627 *Mocuellus* spp. [Homoptera: Cicadellidae]
- 628 *Laccocera* spp. [Homoptera: Delphacidae]
- 629 *Bombus rufocinctus* Cresson [Hymenoptera: Apidae]

- 630 *Orgilus impiger* [Hymenoptera: Braconidae]
- 631 *Entedon* spp. [Hymenoptera: Eulophidae]
- 632 *Spilochalcis side* (Walk.) [Hymenoptera: Chalcididae]
- 633 *Rileya cecidomyiae* Ashmead [Hymenoptera: Eurytomidae]
- 634 *Hylemya concorda* [Diptera: Anthomyiidae]
- 635 *Wohlfahrtia* spp. [Diptera: Sarcophagidae]
- 636 *Sarcophaga* spp. (Common flesh flies) [Diptera: Sarcophagidae]
Immature/Adult Guild: Saprophage/?
- 637 *Peleteria* spp. [Diptera: Tachinidae]
- 638 *Cylindromyia* spp. [Diptera: Tachinidae]
- 639 *Oscinella* spp. [Diptera: Chloropidae]
- 640 *Mythicomyia* spp. [Diptera: Bombyliidae]
- 641 *Villa lateralis* [Diptera: Bombyliidae]
- 642 *Geron* spp. [Diptera: Bombyliidae]
- 643 *Heodes helloides* [Lepidoptera: Lycaenidae]
- 644 *Hesperia* spp. [Lepidoptera: Hesperidae]
- 645 *Clavigerus beulahensis* (Ckl.) [Homoptera: Aphididae]
- 646 *Clavigerus bicolor* (Oest.) [Homoptera: Aphididae]
- 647 *Clavigerus salicis* (L.) [Homoptera: Aphididae]
- 648 *Clavigerus populifoliae* (Fitch) [Homoptera: Aphididae]
- 649 *Clavigerus smithiae* (Monell) [Homoptera: Aphididae]
- 650 *Aphis cerasifoliae* Fitch (Chokecherry aphid) [Homoptera: Aphididae]
- 651 *Aphis chrysothamni* Wilson [Homoptera: Aphididae]
- 652 *Aphis gregalis* Knowlton [Homoptera: Aphididae]
- 653 *Aphis maculatae* Oestlund [Homoptera: Aphididae]
- 654 *Aphis viburnicola* Gillette (Snowball aphid) [Homoptera: Aphididae]
- 655 *Cavariella capreae* (Fab.) [Homoptera: Aphididae]
- 656 *Aphis tetradyia* [Homoptera: Aphididae]
- 657 *Epameibaphis utahensis* G. & P., K. & S. [Homoptera: Aphididae]
- 658 *Flabellomicrosiphum knowltoni* Smith [Homoptera: Aphididae]
- 659 *Flabellomicrosiphum tridentatae* (Wilson) [Homoptera: Aphididae]
- 660 *Pseudoepameibaphis essigi* Knowlton [Homoptera: Aphididae]
- 661 *Pseudoepameibaphis glauca* Gillette & Pack [Homoptera: Aphididae]
- 662 *Pseudoepameibaphis tridentatae* (Wilson) [Homoptera: Aphididae]
- 663 *Pseudoepameibaphis xenotrichus* Knowlton & Smith [Homoptera: Aphididae]
- 664 *Rhopalosiphum grabhami* Cockerell [Homoptera: Aphididae]
- 665 *Rhopalosiphum rhois* Monell [Homoptera: Aphididae]
- 666 *Minuticornis gravidus* Knlt. [Homoptera: Aphididae]
- 667 *Capitophorus bitrichus* Knowlton & Smith [Homoptera: Aphididae]
- 668 *Capitophorus potentillae* (Walk.) [Homoptera: Aphididae]
- 669 *Capitophorus oestlundii* Knowlton [Homoptera: Aphididae]
- 670 *Capitophorus pycnorhysus* Knowlton & Smith [Homoptera: Aphididae]
- 671 *Capitophorus quadritrichus* Knowlton & Smith [Homoptera: Aphididae]
- 672 *Capitophorus zoomontanus* Knowlton & Smith [Homoptera: Aphididae]
- 673 *Hapalorhinus* spp. [Coleoptera: Melyridae]
- 674 *Auridius* spp. [Homoptera: Cicadellidae]
- 675 *Commellus* spp. [Homoptera: Cicadellidae]
- 676 *Stragania* spp. [Homoptera: Cicadellidae]
- 677 *Laccocera flava* [Homoptera: Delphacidae]

- 678 *Pleotrichophorus* spp. [Homoptera: Aphididae]
- 679 *Pediobius* spp. [Hymenoptera: Eulophidae]
- 680 *Pnigalio* spp. [Hymenoptera: Eulophidae]
- 681 *Pseudoencyrtus* spp. [Hymenoptera: Encyrtidae]
- 682 *Allotria* spp. [Hymenoptera: Figitidae]
- 683 *Aporeucoela* spp. [Hymenoptera: Eucoilidae]
- 684 *Diadegma plutellae* [Hymenoptera: Ichneumonidae]
- 685 *Leptoconops* spp. [Diptera: Ceratopogonidae]
- 686 *Leucopis ocellaris* [Diptera: Chamaemyiidae]
- 687 *Pseudodinia* spp. [Diptera: Chamaemyiidae]
- 688 *Liriomyza* spp. [Diptera: Agromyzidae]
- 689 *Meoneura* spp. [Diptera: Carnidae]
- 690 *Pholeomyia* spp. [Diptera: Milichiidae]
- 691 *Siphonella* spp. [Diptera: Chloropidae]
- 692 *Sepsis* spp. [Diptera: Sepsidae]
- 693 *Scolothrips sexmaculata* [Thysanoptera: Thripidae]
- 694 *Philaronia* spp. [Homoptera: Cercopidae]
- 695 *Orgilus* spp. [Hymenoptera: Braconidae]
- 696 *Tapinoma sessile* (Say) (Odorous ant) [Hymenoptera: Formicidae]
- 697 *Torymus thalassinus* [Hymenoptera: Torymidae]
- 698 *Leucostoma simplex* (Fallen) [Diptera: Tachinidae]
- 699 *Conioscinella* spp. [Diptera: Chloropidae]
- 700 *Lasiosina approximatinervis* [Diptera: Chloropidae]
- 701 *Diplotoxa versicolor* [Diptera: Chloropidae]
- 702 *Thaumatomyia annulata* (Walker) [Diptera: Chloropidae]
- 703 *Lispocephala* spp. [Diptera: Muscidae]
- 704 *Dasyhelea* spp. [Diptera: Ceratopogonidae]
- 705 *Monoxia elegans* Blake [Coleoptera: Chrysomelidae]
- 706 *Nemognatha* spp. [Coleoptera: Meloidae]
- 707 *Slaterocoris flavipes* Kelt. [Hemiptera: Miridae]
- 708 *Polymerus diffusus* (Uhler) [Hemiptera: Miridae]
- 709 *Coquillettia insignis* Uhler [Hemiptera: Miridae]
- 710 *Sinea diadema* Fabricius (Spined or rapacious soldier bug) [Hemiptera: Reduviidae] Immature/Adult Guild: Predator/Predator
- 711 *Idiocerus* spp. [Homoptera: Cicadellidae]
- 712 *Chorebus* spp. [Hymenoptera: Braconidae]
- 713 *Ammoplanus* spp. [Hymenoptera: Sphecidae]
- 714 *Ammophila* spp. [Hymenoptera: Sphecidae]
- 715 *Phthiria sulphurea* Loew [Diptera: Bombyliidae]
- 716 *Oligodranes* spp. [Diptera: Bombyliidae]
- 717 *Drapetis* spp. [Diptera: Empididae]
- 718 *Rhamphomyia* spp. [Diptera: Empididae]
- 719 *Psilopa compta* [Diptera: Ephydriidae]
- 720 *Pemphigus balsamiferae* Wms. [Homoptera: Aphididae]
- 721 *Pemphigus populi-verae* Fitch [Homoptera: Aphididae]
- 722 *Pemphigus betae* Doane (Beet root aphid) [Homoptera: Aphididae] Immature/Adult Guild: Root feeder/Root feeder
- 723 *Pemphigus populicaulis* Fitch (Poplar stem gall aphid) [Homoptera: Aphididae] Immature/Adult Guild: Gall former/Gall former

- 724 *Mordvilkoja vagabunda* (Walsh)
[Homoptera: Aphididae]
- 725 *Pemphigus populiramulorum* Riley
(Poplar twig gall aphid) [Homoptera:
Aphididae] Immature/Adult Guild: Gall
former/Gall former
- 726 *Pemphigus populi-transversus* Riley
[Homoptera: Aphididae]
- 727 *Nabis ferus* (=americoferus Carayon)
(Linnaeus) (Common damselbug) [Hemiptera:
Nabidae] Immature/Adult Guild:
Predator/Predator
- 728 *Drepanaphis acerifoliae* (Thomas)
(Maple aphid) [Homoptera: Aphididae]
- 729 *Drepanaphis granovskyi* Smith &
Knowlton [Homoptera: Aphididae]
- 730 *Drepanaphis spicatum* Smith
[Homoptera: Aphididae]
- 731 *Drepanaphis utahensis* Knowlton &
Smith [Homoptera: Aphididae]
- 732 *Brachystomella parvula* Schaeffer
[Collembola: Poduridae]
- 733 *Brachystomella stachi* Folsom
[Collembola: Poduridae]
- 734 *Hypogastrura armata* (Nicolet)
[Collembola: Poduridae]
- 735 *Hypogastrura macgillivrayi* Folsom
[Collembola: Poduridae]
- 736 *Hypogastrura manubrialis* Tullberg
[Collembola: Poduridae]
- 737 *Hypogastrura matura* Folsom
[Collembola: Poduridae]
- 738 *Hypogastrura nivicola* (Fitch)
[Collembola: Poduridae]
- 739 *Hypogastrura pseudarmatus* Folsom
[Collembola: Poduridae]
- 740 *Micranurida pygmaea* Borner
[Collembola: Poduridae]
- 741 *Neanura serrata* Folsom (Serrate
springtail) [Collembola: Poduridae]
- 742 *Onychiurus armatus* (Tullberg)
[Collembola: Poduridae]
- 743 *Onychiurus fimetarius* (Linn.) (Dung
springtail) [Collembola: Poduridae]
Immature/Adult Guild:
Saprophage/Saprophage
- 744 *Onychiurus ramosus* Folsom
[Collembola: Poduridae]
- 745 *Paranura caeca* Folsom [Collembola:
Poduridae]
- 746 *Pseudachorutes lunatus* Folsom
[Collembola: Poduridae]
- 747 *Pseudachorutes subcrassoides* Mills
[Collembola: Poduridae]
- 748 *Tullbergia collis* Bacon [Collembola:
Poduridae]
- 749 *Tullbergia granulata* Mills
[Collembola: Poduridae]
- 750 *Willemia intermedia* Mills
[Collembola: Poduridae]
- 751 *Willemia similis* Mills [Collembola:
Poduridae]
- 752 *Xenylla grisea* Axelson [Collembola:
Poduridae]
- 753 *Xenylla welchi* Folsom [Collembola:
Poduridae]
- 754 *Entomobrya atrocincta* Schott
[Collembola: Entomobryidae]
- 755 *Entomobrya atrocincta pseudopulchra*
Mills [Collembola: Entomobryidae]
- 756 *Entomobrya knaba* Wray [Collembola:
Entomobryidae]
- 757 *Entomobrya marginata* Tullberg
[Collembola: Entomobryidae]
- 758 *Entomobrya multifasciata* Tullberg
(Many-spotted springtail) [Collembola:
Entomobryidae]
- 759 *Entomobrya nivalis* Linnaeus
[Collembola: Entomobryidae]
- 760 *Entomobrya pseudoperpulchra* Mills
[Collembola: Entomobryidae]
- 761 *Entomobrya purpurascens* Packard
[Collembola: Entomobryidae]
- 762 *Folsomia diplophthalma* (Axelson)
[Collembola: Entomobryidae]
- 763 *Folsomia elongata* MacGillivray
[Collembola: Entomobryidae]
- 764 *Folsomia fimetaria* (Linnaeus)
[Collembola: Entomobryidae]
- 765 *Folsomia quadrioculata* (Tullberg)
[Collembola: Entomobryidae]
- 766 *Folsomides parvus* Folsom [Collembola:
Entomobryidae]
- 767 *Folsomides stachi* Folsom [Collembola:
Entomobryidae]
- 768 *Friesea claviseta* Axelson
[Collembola: Entomobryidae]
- 769 *Isotoma cinerea* (Nicolet)
[Collembola: Entomobryidae]

- 770 *Isotoma eunotabilis* Folsom
[Collembola: Entomobryidae]
- 771 *Isotoma olivacea* Tullberg
[Collembola: Entomobryidae]
- 772 *Isotoma trispinata* MacGillivray
[Collembola: Entomobryidae]
- 773 *Isotoma viridis* (Bourlet) (Green or
varied springtail) [Collembola:
Entomobryidae]
- 774 *Isotomodes tenuis* Folsom [Collembola:
Entomobryidae]
- 775 *Isotomurus palustris* (Muller)
[Collembola: Entomobryidae]
- 776 *Lepidocyrtus curvicollis* Bourlet
[Collembola: Entomobryidae]
- 777 *Lepidocyrtus cinereus* Folsom
[Collembola: Entomobryidae]
- 778 *Proisotoma aquae* Bacon [Collembola:
Entomobryidae]
- 779 *Proisotoma minuta* Tullberg
[Collembola: Entomobryidae]
- 780 *Proisotoma titusi* Folsom [Collembola:
Entomobryidae]
- 781 *Pseudosinella candida* Folsom
[Collembola: Entomobryidae]
- 782 *Pseudosinella octopunctata* Börner
[Collembola: Entomobryidae]
- 783 *Pseudosinella sexoculata* Schott
[Collembola: Entomobryidae]
- 784 *Spinisotoma dispersa* Wray
[Collembola: Entomobryidae]
- 785 *Tomocerus flavescens* Tullberg
[Collembola: Entomobryidae]
- 786 *Megalothorax incertoides* Will
[Collembola: Neelidae]
- 787 *Arrhopalites caecus* Tullberg
[Collembola: Sminthuridae]
- 788 *Bourletiella hortensis* (Fitch)
[Collembola: Sminthuridae]
- 789 *Deuterosminthurus repandus* Agren.
[Collembola: Sminthuridae]
- 790 *Dicyrtoma flammea* Maynard
[Collembola: Sminthuridae]
- 791 *Sminthurides pumilis* Krausbauer
[Collembola: Sminthuridae]
- 792 *Sminthurinus aureus* Lubbock
[Collembola: Sminthuridae]
- 793 *Sminthurinus aureus albus* Krausbauer
[Collembola: Sminthuridae]
- 794 *Sminthurinus elegans* (Fitch)
[Collembola: Sminthuridae]
- 795 *Sminthurinus elegans atratus* Börner
[Collembola: Sminthuridae]
- 796 *Sminthurinus minutus* MacGillivray
[Collembola: Sminthuridae]
- 797 *Sminthurinus niger* Lubbock
[Collembola: Sminthuridae]
- 798 *Sminthurinus quadrimaculatus* (Ryder)
[Collembola: Sminthuridae]
- 799 *Sminthurinus quadrimaculatus*
bimaculatus Maynard [Collembola:
Sminthuridae]
- 800 *Sminthurus fitchi* Folsom [Collembola:
Sminthuridae]
- 801 *Sminthurus medialis* Mills
[Collembola: Sminthuridae]
- 802 *Aphaenogaster subterranea valida*
Wheeler [Hymenoptera: Formicidae]
- 803 *Formica criniventris* Wheeler
[Hymenoptera: Formicidae]
- 804 *Formica fusca* Linnaeus (Fuscous ant)
[Hymenoptera: Formicidae]
- 805 *Formica fusca subsericea* Say
[Hymenoptera: Formicidae]
- 806 *Formica haemorrhoidalis* Emery
[Hymenoptera: Formicidae]
- 807 *Formica neoclara* Emery [Hymenoptera:
Formicidae]
- 808 *Formica obscuripes* Forel
[Hymenoptera: Formicidae]
- 809 *Formica obtusopilosa* Emery
[Hymenoptera: Formicidae]
- 810 *Formica pallidefulva* Linnaeus
[Hymenoptera: Formicidae]
- 811 *Formica querquetula* Kennedy & Dennis
[Hymenoptera: Formicidae]
- 812 *Formica rasilis* Wheeler [Hymenoptera:
Formicidae]
- 813 *Formica subpolita camponoticeps*
Wheeler [Hymenoptera: Formicidae]
- 814 *Leptothorax ambiguus* Emery
[Hymenoptera: Formicidae]
- 815 *Leptothorax furunculus* Wheeler
[Hymenoptera: Formicidae]
- 816 *Leptothorax nitens* Emery
[Hymenoptera: Formicidae]
- 817 *Leptothorax rugatulus* Emery
[Hymenoptera: Formicidae]

- 818 *Myrmica americana* Weber [Hymenoptera: Formicidae]
- 819 *Myrmica hamulata* Weber [Hymenoptera: Formicidae]
- 820 *Myrmica monticola* Wheeler [Hymenoptera: Formicidae]
- 821 *Myrmica spatulata* Smith [Hymenoptera: Formicidae]
- 822 *Pogonomyrmex occidentalis* (Cresson) (Western harvester ant) [Hymenoptera: Formicidae] Immature/Adult Guild: ?/Leaf, pollen, seed feeder
- 823 *Pogonomyrmex salinus* Olsen [Hymenoptera: Formicidae]
- 824 *Stenamma* spp. [Hymenoptera: Formicidae]
- 825 *Stenamma brevicorne* (Mayr) [Hymenoptera: Formicidae]
- 826 *Stenamma huachucanum* Smith [Hymenoptera: Formicidae]
- 827 *Stenamma knowltoni* Gregg [Hymenoptera: Formicidae]
- 828 *Stenamma smithi* Cole [Hymenoptera: Formicidae]
- 829 *Adalia bipunctata* (Linnaeus) (Two-spotted ladybird beetle) [Coleoptera: Coccinellidae]
- 830 *Adalia frigida* (Schneider) (Frigid ladybird beetle) [Coleoptera: Coccinellidae]
- 831 *Brachyacantha uteella* Casey [Coleoptera: Coccinellidae]
- 832 *Brumoides septentrionis* Weise. [Coleoptera: Coccinellidae]
- 833 *Coccinella transversoguttata richardsoni* Brown [Coleoptera: Coccinellidae]
- 834 *Cycloneda munda* (Say) (Western blood-red ladybird beetle) [Coleoptera: Coccinellidae]
- 835 *Exochomus desertorum* Casey [Coleoptera: Coccinellidae]
- 836 *Hippodamia glacialis lecontei* Mulsant [Coleoptera: Coccinellidae]
- 837 *Hippodamia quinquesignata* Kirby (Five-spotted ladybird beetle) [Coleoptera: Coccinellidae] Immature/Adult Guild: Predator/Predator
- 838 *Hippodamia sinuata disjuncta* Timberlake (Sinuate ladybird beetle) [Coleoptera: Coccinellidae] Immature/Adult Guild: Predator/Predator
- 839 *Hippodamia tredecimpunctata tibialis* Say [Coleoptera: Coccinellidae]
- 840 *Hyperaspis* spp. [Coleoptera: Coccinellidae]
- 841 *Hyperaspis* spp. Melsh. [Coleoptera: Coccinellidae]
- 842 *Hyperaspis nevadica* Casey [Coleoptera: Coccinellidae]
- 843 *Hyperaspis pleuralis* Casey [Coleoptera: Coccinellidae]
- 844 *Hyperaspis undulata* (Say) [Coleoptera: Coccinellidae] Immature/Adult Guild: Predator/Predator
- 845 *Paranaemia vittigera* (Mann.) (Striped ladybird beetle) [Coleoptera: Coccinellidae] Immature/Adult Guild: Predator/Predator
- 846 *Psyllobora borealis* Casey [Coleoptera: Coccinellidae]
- 847 *Psyllobora vigintimaculata* (Say) (Small ash-gray ladybird beetle) [Coleoptera: Coccinellidae]
- 848 *Scymnus fenderi* Malkin [Coleoptera: Coccinellidae]
- 849 *Scymnus impleta* Gordon [Coleoptera: Coccinellidae]
- 850 *Scymnus marginicollis* Mann. [Coleoptera: Coccinellidae]
- 851 *Scymnus opaculus* Horn [Coleoptera: Coccinellidae]
- 852 *Scymnus postpictus* Casey [Coleoptera: Coccinellidae]
- 853 *Scymnus renoicus* Casey [Coleoptera: Coccinellidae]
- 854 *Scymnus utahensis* Gordon [Coleoptera: Coccinellidae]
- 855 *Stenomorpha consobrina* (Say) [Coleoptera: Tenebrionidae]
- 856 *Crossidius hirtipes* LeConte [Coleoptera: Cerambycidae]
- 857 *Crossidius hirtipes allgewahri* LeConte [Coleoptera: Cerambycidae]
- 858 *Crossidius punctatus* LeConte [Coleoptera: Cerambycidae]
- 859 *Rhynchites bicolor* (Fabricius) (Rose curculio) [Coleoptera: Curculionidae] Immature/Adult Guild: Bud, flower feeder/Bud, flower feeder
- 860 *Pseuderimus* spp. [Hymenoptera: Torymidae]

- 861 *Torymus bedeguaris* [Hymenoptera: Torymidae]
- 862 *Torymus capillaceus albitarsis* (Huber) [Hymenoptera: Torymidae]
- 863 *Torymus citripes* (Huber) [Hymenoptera: Torymidae]
- 864 *Euchalcidia* spp. [Hymenoptera: Chalcididae]
- 865 *Spilochalcis leptis* Burks [Hymenoptera: Chalcididae]
- 866 *Eupelmus* spp. [Hymenoptera: Eupelmidae]
- 867 *Achrysocharis* spp. [Hymenoptera: Eulophidae]
- 868 *Diglyphus intermedia* (Gric.) [Hymenoptera: Eulophidae]
- 869 *Diglyphus websteri* Crawford [Hymenoptera: Eulophidae]
- 870 *Entedon bigeloviae* Ashmead [Hymenoptera: Eulophidae]
- 871 *Catolaccus* spp. [Hymenoptera: Pteromalidae]
- 872 *Cyclogastrella* spp. [Hymenoptera: Pteromalidae]
- 873 *Epicoptera* spp. [Hymenoptera: Pteromalidae]
- 874 *Eupteromalus* spp. [Hymenoptera: Pteromalidae]
- 875 *Galeopsomyia* spp. [Hymenoptera: Pteromalidae]
- 876 *Homoporus* spp. [Hymenoptera: Pteromalidae]
- 877 *Neocatolaccus* spp. [Hymenoptera: Pteromalidae]
- 878 *Pseudocatolaccus* spp. [Hymenoptera: Pteromalidae]
- 879 *Pteromalus* spp. [Hymenoptera: Pteromalidae]
- 880 *Sphegigastor* spp. [Hymenoptera: Sphegigastrinae]
- 881 *Thinodytes* spp. [Hymenoptera: Pteromalidae]
- 882 *Trichomalus* spp. [Hymenoptera: Pteromalidae]
- 883 *Elasmus nigripes* Howard [Hymenoptera: Elasmidae]
- 884 *Elasmus* spp. [Hymenoptera: Elasmidae]
- 885 *Thysanus niger* (Ashmead) [Hymenoptera: Thysanidae]
- 886 *Eutrichosomma mirabile* Ashmead [Hymenoptera: Eutrichosomatidae]
- 887 *Perilampus* spp. [Hymenoptera: Perilampidae]
- 888 *Eudecatoma* spp. [Hymenoptera: Eurytomidae]
- 889 *Scelion opacus* Provancher [Hymenoptera: Scelionidae]
- 890 *Aspicera* spp. [Hymenoptera: Cynipoidea]
- 891 *Cothonaspis* spp. [Hymenoptera: Cynipoidea]
- 892 *Episoda* spp. [Hymenoptera: Cynipoidea]
- 893 *Ceratochrysis perpulchra* Cresson [Hymenoptera: Chrysididae]
- 894 *Ceratochrysis dorsalis* Aaron [Hymenoptera: Chrysididae]
- 895 *Hedychrum cupricolle* Cresson [Hymenoptera: Chrysididae]
- 896 *Holopyga ventralis* (Say) [Hymenoptera: Chrysididae]
- 897 *Omalus variatua* (Aaron) [Hymenoptera: Chrysididae]
- 898 *Anoplius tenebrosus* (Cresson) [Hymenoptera: Pompilidae]
- 899 *Aporus luxus luxus* (Banks) [Hymenoptera: Pompilidae]
- 900 *Episyron oregon* Evans [Hymenoptera: Pompilidae]
- 901 *Paracyphononyx funerus* (Lepeletier) [Hymenoptera: Pompilidae]
- 902 *Andrena hirticincta* Prov. [Hymenoptera: Andrenidae]
- 903 *Andrena illinoiensis* Robt. [Hymenoptera: Andrenidae]
- 904 *Andrena sulcata* Donovan [Hymenoptera: Andrenidae]
- 905 *Perdita salicis imperialis* Cockerell [Hymenoptera: Andrenidae]
- 906 *Perdita munda* Timberlake [Hymenoptera: Andrenidae]
- 907 *Perdita parilis* Timberlake [Hymenoptera: Andrenidae]
- 908 *Perdita similis* Timberlake [Hymenoptera: Andrenidae]

- 909 *Perdita luteola* Cockerell
[Hymenoptera: Andrenidae]
- 910 *Anthophora exigua* Cresson
[Hymenoptera: Anthophoridae]
- 911 *Melissodes dagosa* Cockerell
[Hymenoptera: Anthophoridae]
- 912 *Triepeolus timberlakei* Cockerell
[Hymenoptera: Anthophoridae]
- 913 *Colletes simulans nevadensis* Swenk.
[Hymenoptera: Colletidae]
- 914 *Dialictus hudsoniellus* (Cockerell)
[Hymenoptera: Halictidae]
- 915 *Dialictus hyalinus* (Crawford)
[Hymenoptera: Halictidae]
- 916 *Dialictus incompletus* (Crawford)
[Hymenoptera: Halictidae]
- 917 *Evylaeus cooleyi* (Crawford)
[Hymenoptera: Halictidae]
- 918 *Hedriodiscus truquii* (Bellardi)
[Hymenoptera: Stratiomyidae]
- 919 *Nemotelus communis* Hanson
[Hymenoptera: Stratiomyidae]
- 920 *Odontomyia inaequalis* Loew.
[Hymenoptera: Stratiomyidae]
- 921 *Epicauta maculata* Say (Spotted
blister beetle) [Coleoptera: Meloidae]
- 922 *Epicauta normalis* Werner [Coleoptera:
Meloidae]
- 923 *Lytta vulnerata* LeConte [Coleoptera:
Meloidae]
- 924 *Nemognatha lurida* LeConte
[Coleoptera: Meloidae]
- 925 *Orthezia artemisiae* Cockerell
(Sagebrush orthezia) [Homoptera:
Ortheziidae] Immature/Adult Guild: Sap
feeder/Sap feeder
- 926 *Phenacoccus defectus* Ferris
[Homoptera: Pseudococcidae]
- 927 *Polygonia zephyrus* (W.H. Edwards)
[Lepidoptera: Nymphalidae]
- 928 *Anthocoris musculus* Say [Hemiptera:
Anthocoridae]
- 929 *Mineocapsus minimus* Knight
[Hemiptera: Miridae]
- 930 *Phymata borica* Evans [Hemiptera:
Phymatidae]
- 931 *Phymata pennsylvanica coloradensis*
Melin. [Hemiptera: Phymatidae]
- 932 *Sinea confusa* Caud. [Hemiptera:
Reduviidae]
- 933 *Corythucha arcuata* Say (California
Christmas-berry tingid) [Hemiptera:
Tingidae] Immature/Adult Guild: Sap
feeder/Sap feeder
- 934 *Corythucha distincta* Osborn & Drake
(Distinct lacebug) [Hemiptera: Tingidae]
Immature/Adult Guild: Sap feeder/Sap
feeder
- 935 *Peritrechus saskatchewanensis* Barber
[Hemiptera: Lygaeidae]
- 936 *Hedriodiscus binotatus* (Loew.)
[Diptera: Stratiomyidae]
- 937 *Chelonus cylindricus* McComb.
[Hymenoptera: Braconidae]
- 938 *Odontomyia inaequalis communis* James
[Diptera: Stratiomyidae]
- 939 *Odontomyia tumida* Banks [Diptera:
Stratiomyidae]
- 940 *Anastoechus barbatus* Osten Sacken
[Diptera: Bombyliidae]
- 941 *Anthrax albofasciatus daphne* (Osten
Sacken) [Diptera: Bombyliidae]
- 942 *Exoprosopa divisa* (Coq.) [Diptera:
Bombyliidae]
- 943 *Exoprosopa* spp. [Diptera:
Bombyliidae]
- 944 *Lordotus gibbus* Loew [Diptera:
Bombyliidae]
- 945 *Lordotus pulchrissimus* Will. (Drone
fly or rat-tailed maggot) [Diptera:
Bombyliidae] Immature/Adult Guild:
Saprophage/Nectar feeder
- 946 *Phthiria* spp. [Diptera: Bombyliidae]
- 947 *Poecilanthrax sackenii sackenii*
(Coq.) [Diptera: Bombyliidae]
- 948 *Poecilanthrax willistoni* (Coq.)
(Williston's bee fly) [Diptera:
Bombyliidae]
- 949 *Eristalis tenax* (Linnaeus) (Drone
fly) [Diptera: Syrphidae]
- 950 *Eupeodes volucris* Osten Sacken (Bird
syrphid) [Diptera: Syrphidae]
- 951 *Scaeva pyrastris* (Linnaeus) [Diptera:
Syrphidae] Immature/Adult Guild:
Predator/Nectar feeder
- 952 *Euxesta magdalenae* Cresson [Diptera:
Otitidae]

- 953 *Eutreta diana* (Osten Sacken) (Gall forming fruit flies) [Diptera: Tephritidae] Immature/Adult Guild: Gall former/Gall former
- 954 *Oxyna utahensis* Quisenberry [Diptera: Tephritidae]
- 955 *Paroxyna occidentalis* Novak [Diptera: Tephritidae]
- 956 *Paroxyna pygmaea* Novak [Diptera: Tephritidae]
- 957 *Paroxyna steyskali* Novak [Diptera: Tephritidae]
- 958 *Paroxyna* spp. [Diptera: Tephritidae]
- 959 *Leptometopa halteralis* Coq. [Diptera: Milichiidae]
- 960 *Madiza glabra* Fallen [Diptera: Milichiidae]
- 961 *Cyanus elongatus* (Hough) [Diptera: Calliphoridae]
- 962 *Cynomyopsis cadaverina* (Robineau & Desvoidy) [Diptera: Calliphoridae]
- 963 *Agathis nigripes* Cresson [Hymenoptera: Braconidae]
- 964 *Stenodynerus blandoides* R. Bohart [Hymenoptera: Vespidae]
- 965 *Stenodynerus kennicottianus* (Saussure) [Hymenoptera: Vespidae]
- 966 *Stenodynerus noticeps* R. Bohart [Hymenoptera: Vespidae]
- 967 *Stenodynerus valliceps* R. Bohart [Hymenoptera: Vespidae]
- 968 *Belomicrus cladothricis* (Cockerell) [Hymenoptera: Sphecidae]
- 969 *Cerceris acanthophila* Cockerell [Hymenoptera: Sphecidae]
- 970 *Cerceris convergens* Viereck & Cockerell [Hymenoptera: Sphecidae]
- 971 *Cerceris frontata* Say [Hymenoptera: Sphecidae]
- 972 *Cerceris nigrescens* F. Smith [Hymenoptera: Sphecidae]
- 973 *Cerceris rufinoda* Cresson [Hymenoptera: Sphecidae]
- 974 *Cerceris sextoides* Banks [Hymenoptera: Sphecidae]
- 975 *Diploplectron ferrugineum* Ashmead [Hymenoptera: Sphecidae]
- 976 *Ectemnius dilectus* (Cresson) [Hymenoptera: Sphecidae]
- 977 *Ectemnius spiniferus* (W. Fox) [Hymenoptera: Sphecidae]
- 978 *Eucerceris cressoni* (Schletter) [Hymenoptera: Sphecidae]
- 979 *Eucerceris superba* Cresson [Hymenoptera: Sphecidae]
- 980 *Larropsis tenuicornis* (F. Smith) [Hymenoptera: Sphecidae]
- 981 *Lindenius columbianus* (Kohl) [Hymenoptera: Sphecidae]
- 982 *Oxybelus emarginatus* Say [Hymenoptera: Sphecidae]
- 983 *Oxybelus uniglumis* (Linnaeus) [Hymenoptera: Sphecidae]
- 984 *Philanthus multimaculatus* Cameron [Hymenoptera: Sphecidae]
- 985 *Polalonia communis* (Cresson) [Hymenoptera: Sphecidae]
- 986 *Polalonia luctuosa* (F. Smith) [Hymenoptera: Sphecidae]
- 987 *Polalonia mexicana* (Saussure) [Hymenoptera: Sphecidae]
- 988 *Prionyx atrata* (Lepelletier) [Hymenoptera: Sphecidae]
- 989 *Prionyx canadensis* (Provancher) [Hymenoptera: Sphecidae]
- 990 *Prionyx thomae* (F.) [Hymenoptera: Sphecidae]
- 991 *Spheg ichneumoneus* (Linnaeus) [Hymenoptera: Sphecidae]
- 992 *Stizioides unicinctus* (Say) [Hymenoptera: Sphecidae]
- 993 *Tachysphex ashmeadii* Fox [Hymenoptera: Sphecidae]
- 994 *Tachysphex terminatus* (Smith) [Hymenoptera: Sphecidae]
- 995 *Tachytes sayi* Banks [Hymenoptera: Sphecidae]
- 996 *Pleotrichophorus acanthovillus* Knowlton & Smith [Homoptera: Aphididae]
- 997 *Microsiphoniella acophorum* (Knowlton & Smith) [Homoptera: Aphididae]
- 998 *Calaphis annulatus* (Koch) [Homoptera: Aphididae]
- 999 *Microsiphoniella artemisiae* (Gilette) [Homoptera: Aphididae]
- 1000 *Obtusicauda artemisicola* (Williams) [Homoptera: Aphididae]

- 1001 *Macrosiphum artemisaphis* Knowlton & Allen [Homoptera: Aphididae]
- 1002 *Obtusicauda artemisiphilum* (Knowlton & Allen) [Homoptera: Aphididae]
- 1003 *Hyalopterus arundinis* (Fabricius) (Mealy plum aphid) [Homoptera: Aphididae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 1004 *Brachyunguis bonnevillensis* (Knowlton) [Homoptera: Aphididae]
- 1005 *Periphyllus bruneri* (Williams) [Homoptera: Aphididae]
- 1006 *Acyrtosiphum californicum* (Clarke) [Homoptera: Aphididae]
- 1007 *Styletaphis canae* (Williams) [Homoptera: Aphididae]
- 1008 *Macrosiphum cefsmithi* Knowlton & Allen [Homoptera: Aphididae]
- 1009 *Styletaphis chrysothamni* (Wilson) [Homoptera: Aphididae]
- 1010 *Obtusicauda coweni* (Hunter) [Homoptera: Aphididae]
- 1011 *Nearctaphis crataegifoliae* (Fitch) [Homoptera: Aphididae]
- 1012 *Metopolophum dirhodum* (Walker) [Homoptera: Aphididae]
- 1013 *Pleotrichophorus elongatus* (Knowlton) (Elongate rabbitbrush aphid) [Homoptera: Aphididae]
- 1014 *Macrosiphum euphorbiae* (Thomas) [Homoptera: Aphididae]
- 1015 *Dactynotus escalantii* (Knowlton) [Homoptera: Aphididae]
- 1016 *Obtusicauda essigi* Solimon [Homoptera: Aphididae]
- 1017 *Styletaphis filifoliae* (Gillette & Palmer) [Homoptera: Aphididae]
- 1018 *Chaetosiphon fraegefoliae* (Cockerell) [Homoptera: Aphididae]
- 1019 *Obtusicauda frigidae* (Oestlund) [Homoptera: Aphididae]
- 1020 *Pleotrichophorus gregarius* (Knowlton) [Homoptera: Aphididae]
- 1021 *Brachycaudus helichrysi* (Kaltenbach) [Homoptera: Aphididae]
- 1022 *Brachyunguis hermistonii* (Wilson) [Homoptera: Aphididae]
- 1023 *Pleotrichophorus infrequens* (Knowlton & Smith) [Homoptera: Aphididae]
- 1024 *Microsiphoniella ludoviciana* (Oestlund) [Homoptera: Aphididae]
- 1025 *Aphis lugentis* Williams [Homoptera: Aphididae]
- 1026 *Chaitophorus macrostachyae* (Essig) [Homoptera: Aphididae]
- 1027 *Styletaphis minutissima* (Gillette & Palmer) [Homoptera: Aphididae]
- 1028 *Aphis neomexicana* (Cockerell) [Homoptera: Aphididae]
- 1029 *Wahlgreniella nervata* (Gillette) [Homoptera: Aphididae]
- 1030 *Aphis nigragregalis* Knowlton [Homoptera: Aphididae]
- 1031 *Obtusicauda* spp. [Homoptera: Aphididae]
- 1032 *Pleotrichophorus oestlundii* (Knowlton) [Homoptera: Aphididae]
- 1033 *Styletaphis oregonensis* (Wilson) [Homoptera: Aphididae]
- 1034 *Microsiphoniella oregonensis* (Wilson) [Homoptera: Aphididae]
- 1035 *Pleotrichophorus packi* (Knowlton) [Homoptera: Aphididae]
- 1036 *Thomasiella populicola* (Thomas) [Homoptera: Aphididae]
- 1037 *Pleotrichophorus pseudoglandulosus* (Palmer) [Homoptera: Aphididae]
- 1038 *Rhopalosiphum prunifoliae* (Fitch) (Apple-grain aphid) [Homoptera: Aphididae] Overwintering Stage: Eggs
- 1039 *Cavariella pustula* Essig [Homoptera: Aphididae]
- 1040 *Chaitophorus pustulatus* H.R. Lambers [Homoptera: Aphididae]
- 1041 *Pleotrichophorus pycnorhysus* (Knowlton & Smith) [Homoptera: Aphididae]
- 1042 *Pleotrichophorus quadritrichus* (Knowlton & Smith) [Homoptera: Aphididae]
- 1043 *Amphorophora ribiella* (Davis) [Homoptera: Aphididae]
- 1044 *Maculolachnus rosae* (Cholodkosky) [Homoptera: Aphididae]
- 1045 *Cryptomyzus ribis* (Linnaeus) [Homoptera: Aphididae]
- 1046 *Macrosiphum rosae* (Linnaeus) [Homoptera: Aphididae]
- 1047 *Chaitophorus salicicola* Essig [Homoptera: Aphididae]

- 1048 *Pterocomma salicis* (Linnaeus)
[Homoptera: Aphididae]
- 1049 *Aphis setariae* Thomas [Homoptera: Aphididae]
- 1050 *Pterocomma smithiae* (Monell)
[Homoptera: Aphididae]
- 1051 *Aphis spiraecola* Patch [Homoptera: Aphididae]
- 1052 *Pleotrichophorus sporadicum*
(Knowlton) [Homoptera: Aphididae]
- 1053 *Brevicoryne symphoricarpi* (Thomas)
[Homoptera: Aphididae]
- 1054 *Chaitophorus utahensis* (Knowlton)
[Homoptera: Aphididae]
- 1055 *Durocapillata utahensis* Knowlton
[Homoptera: Aphididae]
- 1056 *Pleotrichophorus utahensis* (Pack &
Knowlton) [Homoptera: Aphididae]
- 1057 *Aphis varians* Patch [Homoptera: Aphididae]
- 1058 *Chaitophorus viminalis* Monell
[Homoptera: Aphididae]
- 1059 *Pleotrichophorus wasatchii*
(Knowlton) [Homoptera: Aphididae]
- 1060 *Pleotrichophorus xerozoous* (Knowlton
& Smith) [Homoptera: Aphididae]
- 1061 *Macrosiphum zerogutierrezis* Smith &
Knowlton [Homoptera: Aphididae]
- 1062 *Macrosiphum zerotherum* Knowlton &
Allen [Homoptera: Aphididae]
- 1063 *Brachycaudus cardui* (Linnaeus)
[Homoptera: Aphididae]
- 1064 *Styletaphis chrysothamnicola*
(Gillette & Palmer) [Homoptera: Aphididae]
- 1065 *Acanthoscelides aureolus* (Horn)
[Coleoptera: Bruchidae]
- 1066 *Amara bifrons* Gyllenhal [Coleoptera: Carabidae]
- 1067 *Amara farcta* LeConte [Coleoptera: Carabidae]
- 1068 *Bembidion sejunctum* Casey
[Coleoptera: Carabidae]
- 1069 *Evarthrus constrictus* Say
[Coleoptera: Carabidae]
- 1070 *Harpalus desertus* LeConte
[Coleoptera: Carabidae]
- 1071 *Piosoma setosa* LeConte [Coleoptera: Carabidae]
- 1072 *Selenophorus planipennis* LeConte
[Coleoptera: Carabidae]
- 1073 *Stenolophus conjunctus* LeConte
[Coleoptera: Carabidae]
- 1074 *Crossidius discoideus sayi* (Say)
[Coleoptera: Cerambycidae]
Immature/Adult Guild:
?/Nectar,petal,pollen feeder
- 1075 *Altica aeruginosa* LeConte
[Coleoptera: Chrysomelidae]
Immature/Adult Guild: Skeletonizer/Leaf perforator
- 1076 *Altica* spp. (Leaf flea beetles)
[Coleoptera: Chrysomelidae]
Immature/Adult Guild: Skeletonizer/Leaf perforator
- 1077 *Chaetocnema* spp. [Coleoptera: Chrysomelidae]
- 1078 *Coscinoptera axillaris* LeConte
[Coleoptera: Chrysomelidae]
- 1079 *Disonycha alternata* (Illiger)
[Coleoptera: Chrysomelidae]
- 1080 *Disonycha figurata* Jacoby
[Coleoptera: Chrysomelidae]
- 1081 *Disonycha pluriligata* (LeConte)
[Coleoptera: Chrysomelidae]
- 1082 *Disonycha punctigera* LeConte
[Coleoptera: Chrysomelidae]
- 1083 *Pachybrachis autolycus* Fall
[Coleoptera: Chrysomelidae]
- 1084 *Trirhabda convergens* LeConte
[Coleoptera: Chrysomelidae]
- 1085 *Phyllobaenus* spp. [Coleoptera: Cleridae]
- 1086 *Coccinella monticola* Mulsant
[Coleoptera: Coccinellidae]
- 1087 *Delphestus pusillus* (LeConte)
[Coleoptera: Coccinellidae]
- 1088 *Hyperaspis quadrivittata* LeConte
[Coleoptera: Coccinellidae]
- 1089 *Anthonomus ochreopilosus* Dietz
[Coleoptera: Curculionidae]
- 1090 *Calandrinus insignis* Casey
[Coleoptera: Curculionidae]
- 1091 *Calyptillus cryptops* Horn
[Coleoptera: Curculionidae]
- 1092 *Cleonus trivittatus* Say [Coleoptera: Curculionidae]
- 1093 *Dorytomus mucidus* (Say) [Coleoptera: Curculionidae]

- 1094 *Epicaerus* spp. [Coleoptera: Curculionidae]
- 1095 *Epimechus nevadicus* Dietz [Coleoptera: Curculionidae]
- 1096 *Gerstaeckeria basalis* (LeConte) [Coleoptera: Curculionidae]
- 1097 *Mesagroicus* spp. [Coleoptera: Curculionidae]
- 1098 *Ophryastes tuberosus* LeConte [Coleoptera: Curculionidae]
- 1099 *Promecotarsus fumatus* Casey [Coleoptera: Curculionidae]
- 1100 *Rhynchites eximius* LeConte [Coleoptera: Curculionidae]
- 1101 *Sitona cylindricollis* Fahraeus [Coleoptera: Curculionidae]
- 1102 *Sphenophorus compressirostris* Say [Coleoptera: Curculionidae]
- 1103 *Ctenicera* spp. (Common click beetles) [Coleoptera: Elateridae]
- 1104 *Hister abbreviatus* Fabricius [Coleoptera: Histeridae]
- 1105 *Spilodiscus ulkei* Horn [Coleoptera: Histeridae]
- 1106 *Spilodiscus* spp. [Coleoptera: Histeridae]
- 1107 *Xerosaprinus fimbriatus* LeConte [Coleoptera: Histeridae]
- 1108 *Epicauta fortis* Werner [Coleoptera: Meloidae]
- 1109 *Epicauta parva* Haldeman [Coleoptera: Meloidae]
- 1110 *Epicauta pennsylvanica* DeGeer (Black blister beetle) [Coleoptera: Meloidae]
- 1111 *Epicauta stuarti* LeConte [Coleoptera: Meloidae]
- 1112 *Lytta viridana* LeConte [Coleoptera: Meloidae]
- 1113 *Meloe niger* Kirby [Coleoptera: Meloidae]
- 1114 *Pyrota engelmanni* LeConte [Coleoptera: Meloidae]
- 1115 *Trichochrous rufipennis* LeConte [Coleoptera: Melyridae]
- 1116 *Aphodius consentaneus* LeConte [Coleoptera: Scarabaeidae]
- 1117 *Aphodius granarius* (Linnaeus) [Coleoptera: Scarabaeidae]
- 1118 *Cremastocheilus retrasctus incisus* Casey [Coleoptera: Scarabaeidae]
- 1119 *Euphoria inda* (Linnaeus) (Bumble flower beetle) [Coleoptera: Scarabaeidae]
Immature/Adult Guild: Saprophage/Fruit feeder
- 1120 *Phyllophaga* spp. [Coleoptera: Scarabaeidae]
- 1121 *Trichorhyssemus riparius* (Horn) [Coleoptera: Scarabaeidae]
- 1122 *Trox tuberculatus* (DeGeer) [Coleoptera: Scarabaeidae]
- 1123 *Aleochara bipustulata* Linnaeus [Coleoptera: Staphylinidae]
- 1124 *Anotylus* spp. [Coleoptera: Staphylinidae]
- 1125 *Bledius strenuus* Casey [Coleoptera: Staphylinidae]
- 1126 *Blapstinus* spp. [Coleoptera: Tenebrionidae]
- 1127 *Eleodes obscura* (Say) [Coleoptera: Tenebrionidae]
- 1128 *Eusattus convexus* LeConte [Coleoptera: Tenebrionidae]
- 1129 *Glyptasida sordida* (LeConte) [Coleoptera: Tenebrionidae]
- 1130 *Gonasida elata* (LeConte) [Coleoptera: Tenebrionidae]
- 1131 *Trimytis pruinosa* LeConte [Coleoptera: Tenebrionidae]
- 1132 *Entomobrya* spp. [Collembola: Entomobryidae]
- 1133 *Aphoebantus* spp. [Diptera: Bombyliidae]
- 1134 *Poecilanthrax arethusa* (Osten Sacken) [Diptera: Bombyliidae]
- 1135 *Villa* spp. [Diptera: Bombyliidae]
- 1136 *Diamesa* spp. [Diptera: Chironomidae]
- 1137 *Elachiptera costata* (Loew) [Diptera: Chloropidae]
- 1138 *Hippelates pusio* Loew [Diptera: Chloropidae]
- 1139 *Ravinia* spp. [Diptera: Sarcophagidae]
- 1140 *Leptocera* spp. [Diptera: Sphaeroceridae]
- 1141 *Helophilus* spp. [Diptera: Syrphidae]

- 1142 *Leucostoma atterimum* (Villers) [Diptera: Tachinidae]
- 1143 *Periscepsia laevigata* (Wulp) [Diptera: Tachinidae]
- 1144 *Microchaetina valida* (Townsend) [Diptera: Tachinidae]
- 1145 *Pangeaus congruus* (Uhler) [Hemiptera: Cydnidae]
- 1146 *Blissus leucopterus* (Say) (Chinch bug) [Hemiptera: Lygaeidae]
- 1147 *Slaterocoris* spp. [Hemiptera: Miridae]
- 1148 *Euptychodera corrugata* (Van Duzee) [Hemiptera: Scutelleridae]
- 1149 *Corythaica acuta* (Drake) [Hemiptera: Tingidae]
- 1150 *Hesperotingis* spp. [Hemiptera: Tingidae]
- 1151 *Capitophorus* spp. [Homoptera: Aphididae]
- 1152 *Iziphya* spp. [Homoptera: Aphididae]
- 1153 *Macrosiphum* spp. [Homoptera: Aphididae]
- 1154 *Aceratagallia humulis* Oman [Homoptera: Cicadellidae]
- 1155 *Athysanella* spp. [Homoptera: Cicadellidae]
- 1156 *Cuerna* spp. [Homoptera: Cicadellidae]
- 1157 *Gillettiella atropunctata* (Gillette) [Homoptera: Cicadellidae]
- 1158 *Parabolocratus* spp. [Homoptera: Cicadellidae]
- 1159 *Scolops sulcipes* (Say) [Homoptera: Dictyopharidae]
- 1160 *Bruchomorpha suturalis* Melichar [Homoptera: Issidae]
- 1161 *Margarodes hiemalis* Cockerell [Homoptera: Margarodidae]
- 1162 *Pubilia modesta* Uhler (Modest treehopper) [Homoptera: Membracidae]
- 1163 *Stictocephala taurina* (Fitch) [Homoptera: Membracidae]
- 1164 *Anisococcus oregonensis* Ferris [Homoptera: Membracidae]
- 1165 *Cryptoripersia arizonensis* (Ehrhorn) [Homoptera: Pseudococcidae]
- 1166 *Epeolus minimus* Robertson [Hymenoptera: Anthophoridae]
- 1167 *Melecta pacifica fulvida* Cresson [Hymenoptera: Anthophoridae]
- 1168 *Tetralonia hamata* Bradley [Hymenoptera: Anthophoridae]
- 1169 *Zele* spp. [Hymenoptera: Braconidae]
- 1170 *Colletes salicicola* Cockerell [Hymenoptera: Colletidae]
- 1171 *Oreasema viridis* Ashmead [Hymenoptera: Eucharitidae]
- 1172 *Stenodynerus* spp. [Hymenoptera: Eumenidae]
- 1173 *Lasius alienus americanus* Emery [Hymenoptera: Formicidae]
- 1174 *Leptothorax tricarinatus* Emery [Hymenoptera: Formicidae]
- 1175 *Myrmica sabuleti americana* Weber [Hymenoptera: Formicidae]
- 1176 *Myrmica* spp. [Hymenoptera: Formicidae]
- 1177 *Dialictus pruiniforme* (Crawford) [Hymenoptera: Halictidae]
- 1178 *Halictus confusus* Smith [Hymenoptera: Halictidae]
- 1179 *Anomalon reticulatum* (Cresson) [Hymenoptera: Ichneumonidae]
- 1180 *Campoplex* spp. [Hymenoptera: Ichneumonidae]
- 1181 *Olesicampe* spp. [Hymenoptera: Ichneumonidae]
- 1182 *Cryptocheilus terminatum* (Say) [Hymenoptera: Pompilidae]
- 1183 *Mesopolobus* spp. [Hymenoptera: Pteromalidae]
- 1184 *Philanthus* spp. [Hymenoptera: Sphecidae]
- 1185 *Myzinum quinquecinctum* (Fabricius) [Hymenoptera: Tiphidae]
- 1186 *Ufens* spp. [Hymenoptera: Trichogrammatidae]
- 1187 *Polistes fuscatus aurifer* Saussure [Hymenoptera: Vespidae]
- 1188 *Reticulitermes* spp. [Isoptera: Rhinotermitidae] Immature/Adult Guild: Dead stem borer/Dead stem borer
- 1189 *Apantes blakei* Grote [Lepidoptera: Arctiidae]

- 1190 *Gnorimoschema* spp. [Lepidoptera: Gelechiidae]
- 1191 *Hesperia uncas uncas* Edwards [Lepidoptera: Hesperidae]
- 1192 *Pyrgus communis communis* (Grote) [Lepidoptera: Hesperidae]
- 1193 *Prodoxus quinquepunctellus* (Chamberlin) [Lepidoptera: Incurvariidae]
- 1194 *Yvretta rhesis* (Edwards) [Lepidoptera: Incurvariidae]
- 1195 *Glaucopsyche lygdamus oro* Scudder [Lepidoptera: Lycaenidae] Immature/Adult Guild: Flower feeder/?
- 1196 *Lycaeides melissa melissa* (Edwards) [Lepidoptera: Lycaenidae]
- 1197 *Plebejus acmon lutzi* dos Passos [Lepidoptera: Lycaenidae]
- 1198 *Anagrapha falcifera* (Kirby) [Lepidoptera: Noctuidae]
- 1199 *Euxoa* spp. (Grote) [Lepidoptera: Noctuidae]
- 1200 *Schinia cumatilis* Grote [Lepidoptera: Noctuidae]
- 1201 *Phyciodes campestris camillus* Edwards [Lepidoptera: Nymphalidae]
- 1202 *Epiblema* spp. [Lepidoptera: Olethreutidae] Immature/Adult Guild: Stem feeder/?
- 1203 *Eucosma* spp. [Lepidoptera: Olethreutidae]
- 1204 *Pieris protodice protodice* Boisduvall & LeConte (Southern cabbage butterfly) [Lepidoptera: Pieridae]
- 1205 *Aeropedellus clavatus* (Thomas) [Orthoptera: Acrididae]
- 1206 *Arphia conspersa* (Scudder) [Orthoptera: Acrididae]
- 1207 *Derotmema haydenii* (Thomas) [Orthoptera: Acrididae]
- 1208 *Dissosteira carolina* (Linnaeus) (Carolina or black-winged locust) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 1209 *Hesperotettix viridis* (Thomas) [Orthoptera: Acrididae]
- 1210 *Melanoplus foedus* Scudder (Detestable grasshopper) [Orthoptera: Acrididae]
- 1211 *Melanoplus gladstoni* Scudder [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 1212 *Melanoplus sanguinipes* (Fabricius) (Migratory grasshopper) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder Oviposition Medium: Soil, plant crowns Generations Per Year: 1-2
- 1213 *Mestobregma plattei* (Thomas) [Orthoptera: Acrididae]
- 1214 *Opeia obscura* (Thomas) [Orthoptera: Acrididae]
- 1215 *Philibostroma quadrimaculatum* (Thomas) [Orthoptera: Acrididae]
- 1216 *Psoloessa delicatula* Scudder [Orthoptera: Acrididae]
- 1217 *Spharagemon equale* (Say) [Orthoptera: Acrididae]
- 1218 *Xanthippus corallipes* (Haldeman) [Orthoptera: Acrididae]
- 1219 *Litaneutria minor* (Scudder) (Minor mantid) [Orthoptera: Acrididae] Immature/Adult Guild: Predator/Predator
- 1220 *Oecanthus quadripunctatus* Beutenmuller (Four-spotted tree cricket) [Orthoptera: Gryllidae]
- 1221 *Kurtomathrips unicolor* Bailey [Orthoptera: Gryllidae]
- 1222 *Microcephalothrips abdominalis* (Crawford) [Orthoptera: Gryllidae]
- 1223 *Periphyllus utahensis* (Knowlton) [Homoptera: Aphididae]
- 1224 *Periphyllus macrostachyae* (Essig) [Homoptera: Aphididae]
- 1225 *Pterocomma populea* Kalt. [Homoptera: Aphididae]
- 1226 *Bipersona hottesi* Knowlton & Smith [Homoptera: Aphididae]
- 1227 *Macrosiphum dirhodum* (Walker) (Grass aphid) [Homoptera: Aphididae]
- 1228 *Macrosiphum packi* Knowlton [Homoptera: Aphididae]
- 1229 *Macrosiphum pseudorosae* Patch [Homoptera: Aphididae]
- 1230 *Macrosiphum sporadicum* Knowlton [Homoptera: Aphididae]
- 1231 *Sternochetus lapathi* (Linnaeus) [Coleoptera: Curculionidae] Immature/Adult Guild: Stem borer/Oviposition damage

1232 Chrysobothris mali Horn (Western flat-headed apple tree borer) [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces

1233 Nabidae spp. (Damsel bugs) [Hemiptera: Nabidae] Immature/Adult Guild: Predator/Predator

1234 Anthocoridae spp. (Minute pirate bugs) [Hemiptera: Anthocoridae] Immature/Adult Guild: Predator/Predator

1235 Miridae spp. (Plant or leaf bugs) [Hemiptera: Miridae] Immature/Adult Guild: Bud, leaf, seed feeder/Bud, leaf, seed feeder

1236 Lygaeidae spp. (Seed bugs) [Hemiptera: Lygaeidae] Immature/Adult Guild: Seed feeder/Seed feeder

1237 Chrysopidae spp. (Common lacewings) [Neuroptera: Chrysopidae] Immature/Adult Guild: Predator/?

1238 Chrysomelidae spp. (Leaf beetles) [Coleoptera: Chrysomelidae] Immature/Adult Guild: ?/Flower, leaf feeder

1239 Thripidae spp. [Thysanoptera: Thripidae]

1240 Phlaeothripidae spp. (Thrips) [Thysanoptera: Phlaeothripidae]

1241 Aeolothripidae spp. (Broad-winged or banded thrips) [Thysanoptera: Aeolothripidae]

1242 Sminthuridae spp. (Collembola or springtails) [Collembola: Sminthuridae]

1243 Poduridae spp. (Collembola or springtails) [Collembola: Poduridae] Immature/Adult Guild: Saprophage/Saprophage

1244 Onychiuridae spp. (Collembola or springtails) [Collembola: Onychiuridae] Immature/Adult Guild: Saprophage/Saprophage

1245 Entomobryidae spp. (Collembola or springtails) [Collembola: Entomobryidae] Immature/Adult Guild: Saprophage/Saprophage

1246 Isotomidae spp. (Collembola or springtails) [Collembola: Isotomidae] Immature/Adult Guild: Saprophage/Saprophage

1247 Tetrigidae spp. (Pygmy grasshoppers or grouse locusts) [Orthoptera: Tetrigidae]

1248 Acrididae spp. (Short-horned grasshoppers) [Orthoptera: Acrididae]

Immature/Adult Guild: Leaf feeder/Leaf feeder

1249 Tridactylidae spp. (Pygmy mole crickets) [Orthoptera: Tridactylidae]

1250 Tettigoniidae spp. (Long-horned grasshoppers) [Orthoptera: Tettigoniidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

1251 Gryllacrididae spp. (Wingless long-horned grasshoppers) [Orthoptera: Gryllacrididae]

1252 Gryllidae spp. (Crickets) [Orthoptera: Gryllidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

1253 Gryllotalpidae spp. (Mole crickets) [Orthoptera: Gryllotalpidae]

1254 Phasmatidae spp. (Walkingsticks) [Orthoptera: Phasmatidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

1255 Mantidae spp. (Mantids or mantises) [Orthoptera: Mantidae] Immature/Adult Guild: Predator/Predator

1256 Blattidae spp. (Cockroaches) [Orthoptera: Blattidae]

1257 Blattellidae spp. (Cockroaches) [Orthoptera: Blattellidae]

1258 Forficulidae spp. (Earwigs) [Dermaptera: Forficulidae]

1259 Labiduridae spp. (Earwigs) [Dermaptera: Labiduridae]

1260 Labiidae spp. (Earwigs) [Dermaptera: Labiidae]

1261 Chelisochidae spp. (Earwigs) [Dermaptera: Chelisochidae]

1262 Termitidae spp. (Termites) [Isoptera: Termitidae]

1263 Kalotermitidae spp. (Termites) [Isoptera: Kalotermitidae]

1264 Rhinotermitidae spp. (Termites) [Isoptera: Rhinotermitidae]

1265 Hodotermitidae spp. (Dampwood termites) [Isoptera: Hodotermitidae]

1266 Merothripidae spp. (Thrips) [Thysanoptera: Merothripidae]

1267 Heterothripidae spp. (Thrips) [Thysanoptera: Heterothripidae]

1268 Corixidae spp. (Water boatmen) [Hemiptera: Corixidae]

1269 Notonectidae spp. (Backswimmers) [Hemiptera: Notonectidae]

1270 Reduviidae spp. (Assassin bugs)
[Hemiptera: Reduviidae] Immature/Adult
Guild: Predator/Predator

1271 Phymatidae spp. (Ambush bugs)
[Hemiptera: Phymatidae]

1272 Tingidae spp. (Lace bugs)
[Hemiptera: Tingidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

1273 Aradidae spp. (Flat bugs or fungus
bugs) [Hemiptera: Aradidae]
Immature/Adult Guild: Fungus
feeder, saprophage/Fungus
feeder, saprophage

1274 Piesmatidae spp. (Ash-gray leaf
bugs) [Hemiptera: Piesmatidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder

1275 Berytidae spp. (Stilt bugs)
[Hemiptera: Berytidae]

1276 Largidae spp. [Hemiptera: Largidae]

1277 Pyrrhocoridae spp. (Red bugs and
stainers) [Hemiptera: Pyrrhocoridae]
Immature/Adult Guild: Seed feeder/Seed
feeder

1278 Coreidae spp. (Leaf-footed bugs)
[Hemiptera: Coreidae]

1279 Rhopalidae spp. (Scentless plant
bugs) [Hemiptera: Rhopalidae]

1280 Alydidae spp. (Broad-headed bugs)
[Hemiptera: Alydidae]

1281 Scutelleridae spp. [Hemiptera:
Scutelleridae]

1282 Pentatomidae spp. (Stink bugs)
[Hemiptera: Pentatomidae]

1283 Cydnidae spp. (Burrower bugs)
[Hemiptera: Cydnidae]

1284 Corimelaenidae spp. (Negro bugs)
[Hemiptera: Corimelaenidae]

1285 Cicadidae spp. (Cicadas)
[Homoptera: Cicadidae]

1286 Membracidae spp. (Treehoppers)
[Homoptera: Membracidae]

1287 Cercopidae spp. (Froghoppers or
spittlebugs) [Homoptera: Cercopidae]

1288 Cicadellidae spp. [Homoptera:
Cicadellidae] Immature/Adult Guild: Leaf
feeder/Leaf feeder

1289 Delphacidae spp. (Planthoppers)
[Homoptera: Delphacidae]

1290 Fulgoridae spp. (Planthoppers)
[Homoptera: Fulgoridae]

1291 Flatidae spp. (Planthoppers)
[Homoptera: Flatidae]

1292 Acanaloniidae spp. (Planthoppers)
[Homoptera: Acanaloniidae]

1293 Issidae spp. (Planthoppers)
[Homoptera: Issidae]

1294 Derbidae spp. (Planthoppers)
[Homoptera: Derbidae]

1295 Cixiidae spp. (Planthoppers)
[Homoptera: Cixiidae]

1296 Kinnaridae spp. (Planthoppers)
[Homoptera: Kinnaridae]

1297 Dictyopharidae spp. (Planthoppers)
[Homoptera: Dictyopharidae]

1298 Achilidae spp. (Planthoppers)
[Homoptera: Achilidae]

1299 Tropiduchidae spp. (Planthoppers)
[Homoptera: Tropiduchidae]

1300 Psyllidae spp. (Jumping plantlice
or psyllids) [Homoptera: Psyllidae]
Immature/Adult Guild: Sap feeder/Sap
feeder

1301 Aleyrodidae spp. (Whiteflies)
[Homoptera: Aleyrodidae]

1302 Aphididae spp. (Aphids or
plantlice) [Homoptera: Aphididae]
Immature/Adult Guild: Sap feeder/Sap
feeder

1303 Eriosomatidae spp. (Woolly and
gall-making aphids) [Homoptera:
Eriosomatidae]

1304 Chermidae spp. [Homoptera:
Chermidae]

1305 Phylloxeridae spp. (Phylloxerans)
[Homoptera: Phylloxeridae]

1306 Margarodidae spp. (Giant coccids
or ground pearls) [Homoptera:
Margarodidae]

1307 Ortheziidae spp. (Ensign coccids)
[Homoptera: Ortheziidae]

1308 Diaspididae spp. (Armored scales)
[Homoptera: Diaspididae]

1309 Coccidae spp. (Soft, wax, and
tortoise scales) [Homoptera: Coccidae]

1310 Aclerdidae spp. (Scale)
[Homoptera: Aclerdidae]

1311 Lacciferidae spp. (Lac scales)
[Homoptera: Lacciferidae]

1312 Asterolecaniidae spp. (Pit scales)
[Homoptera: Asterolecaniidae]

- 1313 Pseudococcidae spp. (Mealybugs)
[Homoptera: Pseudococcidae]
- 1314 Eriococcidae spp. (Mealybugs)
[Homoptera: Eriococcidae]
- 1315 Dactylopiidae spp. (Cochineal coccids) [Homoptera: Dactylopiidae]
- 1316 Kermidae spp. (Gall-like coccids)
[Homoptera: Kermidae]
- 1317 Raphididae spp. [Neuroptera: Raphididae]
- 1318 Mantispidae spp. (Mantidflies)
[Neuroptera: Mantispidae] Immature/Adult Guild: Parasite/Predator
- 1319 Hemerobiidae spp. (Brown lacewings) [Neuroptera: Hemerobiidae]
Immature/Adult Guild: Predator/?
- 1320 Myrmeleontidae spp. (Ant lions)
[Neuroptera: Myrmeleontidae]
Immature/Adult Guild: Predator/?
- 1321 Ascalaphidae spp. (Owlflies)
[Neuroptera: Ascalaphidae]
Immature/Adult Guild: Predator/?
- 1322 Rhysodidae spp. (Wrinkled bark beetles) [Coleoptera: Rhysodidae]
- 1323 Cicindelidae spp. (Tiger beetles)
[Coleoptera: Cicindelidae]
Immature/Adult Guild: Predator/Predator
- 1324 Carabidae spp. (Ground beetles)
[Coleoptera: Carabidae] Immature/Adult Guild: Predator/Predator
- 1325 Histeridae spp. (Hister beetles)
[Coleoptera: Histeridae]
- 1326 Staphylinidae spp. (Rove beetles)
[Coleoptera: Staphylinidae]
- 1327 Pselaphidae spp. (Short-winged mold beetles) [Coleoptera: Pselaphidae]
- 1328 Ptiliidae spp. (Feather-winged beetles) [Coleoptera: Ptiliidae]
- 1329 Leiodidae spp. (Round fungus beetles) [Coleoptera: Leiodidae]
- 1330 Silphidae spp. (Carrion beetles)
[Coleoptera: Silphidae] Immature/Adult Guild: Carrion feeder/Carrion feeder
- 1331 Scaphidiidae spp. (Shining fungus beetles) [Coleoptera: Scaphidiidae]
Immature/Adult Guild: Saprophage/Saprophage
- 1332 Helodidae spp. (Marsh beetles)
[Coleoptera: Helodidae]
- 1333 Dascillidae spp. (Soft-bodied plant beetles) [Coleoptera: Dascillidae]
- 1334 Rhipiceridae spp. (Cedar beetles)
[Coleoptera: Rhipiceridae]
Immature/Adult Guild: Parasite/?
- 1335 Lucanidae spp. (Stag beetles)
[Coleoptera: Lucanidae] Immature/Adult Guild: Saprophage/?
- 1336 Passalidae spp. (Bess beetles)
[Coleoptera: Passalidae] Immature/Adult Guild: Wood borer/Wood borer
- 1337 Scarabaeidae spp. (Scarab beetles)
[Coleoptera: Scarabaeidae]
- 1338 Byrrhidae spp. (Pill beetles)
[Coleoptera: Byrrhidae]
- 1339 Buprestidae spp. (Metallic wood boring beetles) [Coleoptera: Buprestidae]
Immature/Adult Guild: Wood borer/?
Oviposition Medium: Bark surfaces
- 1340 Elateridae spp. (Click beetles)
[Coleoptera: Elateridae]
- 1341 Throscidae spp. [Coleoptera: Throscidae]
- 1342 Lampyridae spp. (Lightning bugs or fireflies) [Coleoptera: Lampyridae]
Immature/Adult Guild: Predator/?
- 1343 Cantharidae spp. (Soldier beetles)
[Coleoptera: Cantharidae]
- 1344 Lycidae spp. (Net-winged beetles)
[Coleoptera: Lycidae]
- 1345 Dermestidae spp. (Dermestid or skin beetles) [Coleoptera: Dermestidae]
- 1346 Anobiidae spp. [Coleoptera: Anobiidae]
- 1347 Ptinidae spp. (Spider beetles)
[Coleoptera: Ptinidae]
- 1348 Bostrichidae spp. (Twig and branch borers) [Coleoptera: Bostrichidae]
Immature/Adult Guild: Wood borer/?
- 1349 Lyctidae spp. (Powder-post beetles) [Coleoptera: Lyctidae]
Immature/Adult Guild: Wood borer/?
- 1350 Trogositidae spp. (Bark-gnawing beetles) [Coleoptera: Trogositidae]
Immature/Adult Guild: Predator/Predator
- 1351 Cleridae spp. (Checkered beetles)
[Coleoptera: Cleridae] Immature/Adult Guild: Predator/Predator
- 1352 Melyridae spp. (Soft-winged flower beetles) [Coleoptera: Melyridae]
Immature/Adult Guild: Predator/Predator
- 1353 Nitidulidae spp. (Sap beetles)
[Coleoptera: Nitidulidae]

1354 Rhizophagidae spp. [Coleoptera: Rhizophagidae]

1355 Cucujidae spp. (Flat bark beetles) [Coleoptera: Cucujidae] Immature/Adult Guild: Predator/Predator

1356 Cryptophagidae spp. (Silken fungus beetles) [Coleoptera: Cryptophagidae] Immature/Adult Guild: Saprophage/Saprophage

1357 Languriidae spp. (Lizard beetles) [Coleoptera: Languriidae] Immature/Adult Guild: Stem borer/?

1358 Erotylidae spp. (Pleasing fungus beetles) [Coleoptera: Erotylidae] Immature/Adult Guild: Saprophage/Saprophage

1359 Phalacridae spp. (Shining flower beetles) [Coleoptera: Phalacridae] Immature/Adult Guild: Flower feeder/?

1360 Cerylonidae spp. [Coleoptera: Cerylonidae]

1361 Corylophidae spp. (Minute fungus beetles) [Coleoptera: Corylophidae] Immature/Adult Guild: Saprophage/Saprophage

1362 Coccinellidae spp. (Ladybird beetles) [Coleoptera: Coccinellidae] Immature/Adult Guild: Predator/Predator

1363 Endomychidae spp. (Handsome fungus beetles) [Coleoptera: Endomychidae] Immature/Adult Guild: Fungus feeder/Fungus feeder

1364 Lathridiidae spp. (Minute brown scavenger beetles) [Coleoptera: Lathridiidae]

1365 Byturidae spp. (Fruitworm beetles) [Coleoptera: Byturidae]

1366 Mycetophagidae spp. (Hairy fungus beetle) [Coleoptera: Mycetophagidae] Immature/Adult Guild: Fungus feeder/Fungus feeder

1367 Ciidae spp. (Minute tree fungus beetle) [Coleoptera: Ciidae] Immature/Adult Guild: Fungus feeder/Fungus feeder

1368 Monommidae spp. [Coleoptera: Monommidae]

1369 Colydiidae spp. (Cylindrical bark beetles) [Coleoptera: Colydiidae]

1370 Tenebrionidae spp. (Darkling beetles) [Coleoptera: Tenebrionidae]

1371 Lagriidae spp. (Long-jointed beetles) [Coleoptera: Lagriidae]

1372 Alleculidae spp. (Comb-clawed beetles) [Coleoptera: Alleculidae]

1373 Salpingidae spp. (Narrow-waisted bark beetles) [Coleoptera: Salpingidae] Immature/Adult Guild: Predator/Predator

1374 Pyrochroidae spp. (Fire-colored beetles) [Coleoptera: Pyrochroidae]

1375 Othniidae spp. (False tiger beetles) [Coleoptera: Othniidae]

1376 Mycteridae spp. [Coleoptera: Mycteridae]

1377 Oedemeridae spp. [Coleoptera: Oedemeridae]

1378 Melandryidae spp. (False darkling beetles) [Coleoptera: Melandryidae]

1379 Mordellidae spp. (Tumbling flower beetles) [Coleoptera: Mordellidae]

1380 Rhipiphoridae spp. (Wedge-shaped beetles) [Coleoptera: Rhipiphoridae]

1381 Meloidae spp. (Blister beetles) [Coleoptera: Meloidae]

1382 Anthicidae spp. (Ant-like flower beetles) [Coleoptera: Anthicidae]

1383 Pedilidae spp. [Coleoptera: Pedilidae]

1384 Cerambycidae spp. (Long-horned beetles) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer/Flower feeder

1385 Bruchidae spp. (Seed beetles) [Coleoptera: Bruchidae] Immature/Adult Guild: Internal seed feeder/?

1386 Anthribidae spp. (Fungus weevils) [Coleoptera: Anthribidae]

1387 Brentidae spp. (Straight-snouted weevils) [Coleoptera: Brentidae]

1388 Curculionidae spp. (Snout beetles or weevils) [Coleoptera: Curculionidae]

1389 Platypodidae spp. (Pin-hole borers) [Coleoptera: Platypodidae] Immature/Adult Guild: Fungus feeder/Wood borer

1390 Scolytidae spp. (Bark or engraver beetles) [Coleoptera: Scolytidae] Immature/Adult Guild: ?/Wood borer

1391 Pyralidae spp. (Snout and grass moths) [Lepidoptera: Pyralidae]

1392 Pterophoridae spp. (Plume moths) [Lepidoptera: Pterophoridae]

- 1393 Olethreutidae spp. [Lepidoptera: Olethreutidae]
- 1394 Tortricidae spp. [Lepidoptera: Tortricidae] Immature/Adult Guild: Leaf rollers, tiers/?
- 1395 Cossidae spp. (Carpenter or leopard moths) [Lepidoptera: Cossidae]
- 1396 Gelechiidae spp. [Lepidoptera: Gelechiidae]
- 1397 Oecophoridae spp. [Lepidoptera: Oecophoridae]
- 1398 Sesiidae spp. (Clear-winged moths) [Lepidoptera: Sesiidae] Immature/Adult Guild: Root, stem, wood borer/?
- 1399 Coleophoridae spp. (Casebearers) [Lepidoptera: Coleophoridae] Immature/Adult Guild: Leaf feeder/?
- 1400 Gracilariidae spp. (Leaf blotch miners) [Lepidoptera: Gracilariidae] Immature/Adult Guild: Leaf miner/?
- 1401 Psychidae spp. (Bagworm moths) [Lepidoptera: Psychidae] Immature/Adult Guild: Leaf feeder/?
- 1402 Incurvariidae spp. [Lepidoptera: Incurvariidae]
- 1403 Geometridae spp. (Mewasuring worms or geometers) [Lepidoptera: Geometridae]
- 1404 Drepanidae spp. (Hook-tip moths) [Lepidoptera: Drepanidae] Immature/Adult Guild: Leaf feeder/?
- 1405 Arctiidae spp. (Tiger and footman moths) [Lepidoptera: Arctiidae] Immature/Adult Guild: ?/Leaf feeder
- 1406 Agaristidae spp. (Forester moths) [Lepidoptera: Agaristidae] Immature/Adult Guild: Leaf feeder/?
- 1407 Noctuidae spp. [Lepidoptera: Noctuidae]
- 1408 Notodontidae spp. (Prominents) [Lepidoptera: Notodontidae] Immature/Adult Guild: Leaf feeder/?
- 1409 Liparidae spp. (Tussock moths) [Lepidoptera: Liparidae] Immature/Adult Guild: Leaf feeder/?
- 1410 Lasiocampidae spp. (Tent caterpillars or lappet moths) [Lepidoptera: Lasiocampidae] Immature/Adult Guild: Leaf feeder/?
- 1411 Saturniidae spp. (Giant silkworm or royal moths) [Lepidoptera: Saturniidae]
- 1412 Sphingidae spp. (Sphinx or hawk moths) [Lepidoptera: Sphingidae]
- 1413 Hesperidae spp. (Skipper) [Lepidoptera: Hesperidae] Immature/Adult Guild: Leaf feeder/?
- 1414 Lycaenidae spp. (Gossamer-winged butterflies) [Lepidoptera: Lycaenidae]
- 1415 Pieridae spp. (Whites, sulfurs, and orange-tips) [Lepidoptera: Pieridae] Immature/Adult Guild: Leaf feeder/?
- 1416 Papilionidae spp. (Swallowtails) [Lepidoptera: Papilionidae] Immature/Adult Guild: Leaf feeder/?
- 1417 Parnassiidae spp. (Parnassians) [Lepidoptera: Parnassiidae]
- 1418 Danaidae spp. (Milkweed butterflies) [Lepidoptera: Danaidae] Immature/Adult Guild: Leaf feeder/?
- 1419 Satyridae spp. (Satyrs, wood nymphs, arctics) [Lepidoptera: Satyridae]
- 1420 Heliconiidae spp. (Heliconians) [Lepidoptera: Heliconiidae]
- 1421 Nymphalidae spp. (Brush-footed butterflies) [Lepidoptera: Nymphalidae] Immature/Adult Guild: Leaf feeder/?
- 1422 Tipulidae spp. (Crane flies) [Diptera: Tipulidae]
- 1423 Psychodidae spp. (Moth flies and sand flies) [Diptera: Psychodidae]
- 1424 Ptychopteridae spp. (Phantom crane flies) [Diptera: Ptychopteridae] Immature/Adult Guild: Saprophage/?
- 1425 Dixidae spp. (Dixid midges) [Diptera: Dixidae]
- 1426 Chaoboridae spp. (Phantom midges) [Diptera: Chaoboridae] Immature/Adult Guild: Predator/?
- 1427 Culicidae spp. (Mosquitos) [Diptera: Culicidae] Immature/Adult Guild: ?/Blood feeder
- 1428 Ceratopogonidae spp. (Biting midges, punkies, no-see-ums) [Diptera: Ceratopogonidae] Immature/Adult Guild: Scavenger/Ectoparasite, blood feeder
- 1429 Chironomidae spp. (Midges) [Diptera: Chironomidae]
- 1430 Simuliidae spp. (Black flies or buffalo gnats) [Diptera: Simuliidae] Immature/Adult Guild: ?/Blood feeder
- 1431 Anisopodidae spp. (Wood gnats) [Diptera: Anisopodidae] Immature/Adult Guild: Saprophage/?
- 1432 Bibionidae spp. (March flies) [Diptera: Bibionidae]

1433 Mycetophilidae spp. (Fungus gnats)
[Diptera: Mycetophilidae] Immature/Adult
Guild: Fungus feeder/Flower feeder

1434 Sciaridae spp. (Dark-winged fungus
gnats) [Diptera: Sciaridae]
Immature/Adult Guild: Fungus feeder/?

1435 Scatopsidae spp. (Minute black
scavenger flies) [Diptera: Scatopsidae]
Immature/Adult Guild: Saprophage/?

1436 Cecidomyiidae spp. (Gall midges or
gal gnats) [Diptera: Cecidomyiidae]
Immature/Adult Guild: Gall former/?

1437 Xylophagidae spp. [Diptera:
Xylophagidae]

1438 Xylomyidae spp. [Diptera:
Xylomyidae]

1439 Stratiomyiidae spp. (Soldier
flies) [Diptera: Stratiomyidae]

1440 Tabanidae spp. (Horse and deer
flies) [Diptera: Tabanidae]
Immature/Adult Guild: Predator/Blood
feeder

1441 Rhagionidae spp. (Snipe flies)
[Diptera: Rhagionidae] Immature/Adult
Guild: Predator/Predator

1442 Therevidae spp. (Stiletto flies)
[Diptera: Therevidae] Immature/Adult
Guild: Predator/?

1443 Mydidae spp. (Mydas flies)
[Diptera: Mydidae] Immature/Adult Guild:
Predator/Predator

1444 Asilidae spp. (Robber flies)
[Diptera: Asilidae] Immature/Adult
Guild: Predator/Predator

1445 Leptogastridae spp. [Diptera:
Leptogastridae]

1446 Bombyliidae spp. (Bee flies)
[Diptera: Bombyliidae] Immature/Adult
Guild: Ectoparasite/?

1447 Empididae spp. (Dance flies)
[Diptera: Empididae]

1448 Dolichopodidae spp. (Long-legged
flies) [Diptera: Dolichopodidae]
Immature/Adult Guild: ?/Predator

1449 Lonchopteridae spp. (Spear-winged
flies) [Diptera: Lonchopteridae]
Immature/Adult Guild: Saprophage/?

1450 Phoridae spp. (Humpbacked flies)
[Diptera: Phoridae]

1451 Pipunculidae spp. (Big-headed
flies) [Diptera: Pipunculidae]

1452 Syrphidae spp. (Syrphids or flower
flies) [Diptera: Syrphidae]

1453 Conopidae spp. (Thick-headed
flies) [Diptera: Conopidae]
Immature/Adult Guild: Endoparasite/?

1454 Micropezidae spp. (Stilt-legged
flies) [Diptera: Micropezidae]

1455 Psilidae spp. (Rust flies)
[Diptera: Psilidae]

1456 Otitidae spp. (Picture-winged
flies) [Diptera: Otitidae]

1457 Platystomatidae spp. (Picture-
winged flies) [Diptera: Platystomatidae]

1458 Tephritidae spp. (Fruit flies)
[Diptera: Tephritidae]

1459 Coelopidae spp. [Diptera:
Coelopidae]

1460 Sepsidae spp. (Black scavenger
flies) [Diptera: Sepsidae]

1461 Sciomyzidae spp. (Marsh flies)
[Diptera: Sciomyzidae]

1462 Lauxaniidae spp. [Diptera:
Lauxaniidae]

1463 Chamaemyiidae spp. (Aphid flies)
[Diptera: Chamaemyiidae] Immature/Adult
Guild: Predator/?

1464 Piophilidae spp. (Skipper flies)
[Diptera: Piophilidae] Immature/Adult
Guild: Scavenger/?

1465 Sphaeroceridae spp. (Small dung
flies) [Diptera: Sphaeroceridae]
Immature/Adult Guild: Scavenger/?

1466 Milichiidae spp. [Diptera:
Milichiidae]

1467 Chloropidae spp. [Diptera:
Chloropidae]

1468 Agromyzidae spp. (Leafminer flies)
[Diptera: Agromyzidae] Immature/Adult
Guild: Leaf miner/?

1469 Clusiidae spp. [Diptera: Clusiidae]
Immature/Adult Guild: Saprophage/?

1470 Heleomyzidae spp. [Diptera:
Heleomyzidae] Immature/Adult Guild:
Saprophage/?

1471 Anthomyzidae spp. [Diptera:
Anthomyzidae]

1472 Anthomyiidae spp. [Diptera:
Anthomyiidae]

1473 Muscidae spp. [Diptera: Muscidae]
Immature/Adult Guild: Dung feeder/?

1474 Calliphoridae spp. (Blow flies)
[Diptera: Calliphoridae] Immature/Adult
Guild: Carrion feeder/?

- 1475 Sarcophagidae spp. [Diptera: Sarcophagidae]
- 1476 Tachinidae spp. [Diptera: Tachinidae] Immature/Adult Guild: Endoparasite/?
- 1477 Argidae spp. (Sawflies) [Hymenoptera: Argidae]
- 1478 Cimbicidae spp. (Sawflies) [Hymenoptera: Cimbicidae]
- 1479 Tenthredinidae spp. (Sawflies) [Hymenoptera: Tenthredinidae] Immature/Adult Guild: Leaf feeder/?
- 1480 Siricidae spp. (Horntails) [Hymenoptera: Siricidae] Immature/Adult Guild: Wood borer/?
- 1481 Cephidae spp. (Stem sawflies) [Hymenoptera: Cephidae] Immature/Adult Guild: Stem borer/?
- 1482 Braconidae spp. [Hymenoptera: Braconidae] Immature/Adult Guild: Endoparasite/?
- 1483 Ichneumonidae spp. (Ichneumons) [Hymenoptera: Ichneumonidae] Immature/Adult Guild: Endoparasite/?
- 1484 Mymaridae spp. (Fairy flies) [Hymenoptera: Mymaridae]
- 1485 Trichogrammatidae spp. [Hymenoptera: Trichogrammatidae] Immature/Adult Guild: Egg parasite/?
- 1486 Eulophidae spp. [Hymenoptera: Eulophidae] Immature/Adult Guild: Parasite/?
- 1487 Encyrtidae spp. [Hymenoptera: Encyrtidae] Immature/Adult Guild: Parasite/?
- 1488 Eupelmidae spp. [Hymenoptera: Eupelmidae] Immature/Adult Guild: Parasite/?
- 1489 Perilampidae spp. [Hymenoptera: Perilampidae] Immature/Adult Guild: Hyperparasite/?
- 1490 Torymidae spp. [Hymenoptera: Torymidae]
- 1491 Pteromalidae spp. [Hymenoptera: Pteromalidae]
- 1492 Eurytomidae spp. (Seed chalcids) [Hymenoptera: Eurytomidae] Immature/Adult Guild: Internal seed feeder/?
- 1493 Chalcididae spp. [Hymenoptera: Chalcididae] Immature/Adult Guild: Parasite/?
- 1494 Figitidae spp. [Hymenoptera: Figitidae] Immature/Adult Guild: Parasite/?
- 1495 Cynipidae spp. (Gall wasps and others) [Hymenoptera: Cynipidae]
- 1496 Evaniidae spp. (Ensign wasps) [Hymenoptera: Evaniidae] Immature/Adult Guild: Egg parasite/?
- 1497 Gasteruptiidae spp. [Hymenoptera: Gasteruptiidae] Immature/Adult Guild: Parasite/?
- 1498 Aulacidae spp. [Hymenoptera: Aulacidae] Immature/Adult Guild: Parasite/?
- 1499 Pelecinidae spp. [Hymenoptera: Pelecinidae] Immature/Adult Guild: Parasite/?
- 1500 Proctotrupidae spp. [Hymenoptera: Proctotrupidae] Immature/Adult Guild: Parasite/?
- 1501 Diapriidae spp. [Hymenoptera: Diapriidae] Immature/Adult Guild: Parasite/?
- 1502 Scelionidae spp. [Hymenoptera: Scelionidae] Immature/Adult Guild: Parasite/?
- 1503 Platygasteridae spp. [Hymenoptera: Platygasteridae] Immature/Adult Guild: Parasite/?
- 1504 Chrysididae spp. [Hymenoptera: Chrysididae] Immature/Adult Guild: Ectoparasite/?
- 1505 Bethyidae spp. [Hymenoptera: Bethyidae] Immature/Adult Guild: Parasite/?
- 1506 Dryinidae spp. [Hymenoptera: Dryinidae] Immature/Adult Guild: Endoparasite/?
- 1507 Tiphidae spp. [Hymenoptera: Tiphidae] Immature/Adult Guild: Parasite/?
- 1508 Mutillidae spp. (Velvet ants) [Hymenoptera: Mutillidae] Immature/Adult Guild: Ectoparasite/?
- 1509 Scolidae spp. [Hymenoptera: Scolidae]
- 1510 Formicidae spp. (Ants) [Hymenoptera: Formicidae]
- 1511 Vespidae spp. (Paper wasps and others) [Hymenoptera: Vespidae]
- 1512 Pompilidae spp. (Spider wasps) [Hymenoptera: Pompilidae]

- 1513 Sphecidae spp. (Thread-waisted wasps and others) [Hymenoptera: Sphecidae]
- 1514 Colletidae spp. (Plasterer bees, yellow-faced bees) [Hymenoptera: Colletidae]
- 1515 Halictidae spp. [Hymenoptera: Halictidae]
- 1516 Andrenidae spp. [Hymenoptera: Andrenidae]
- 1517 Megachilidae spp. (Leafcutter bees) [Hymenoptera: Megachilidae]
- 1518 Anthophoridae spp. (Cuckoo bees, digger bees, carpenter bees) [Hymenoptera: Anthophoridae]
- 1519 Apidae spp. (Honey and bumble bees) [Hymenoptera: Apidae]
- 1520 Ephydriidae spp. (Shore flies) [Diptera: Ephydriidae]
- 1521 Yponomeutidae spp. (Ermine moths) [Lepidoptera: Yponomeutidae]
Immature/Adult Guild: Leaf feeder/?
- 1522 Aspidiinae spp. [Coleoptera: Mordellidae]
- 1523 Sphegigastrinae spp. [Hymenoptera: Sphegigastrinae]
- 1524 Dasytidae spp. [Coleoptera: Dasytidae]
- 1525 Trixoscelididae spp. [Diptera: Trixoscelididae]
- 1526 Oelolothripidae spp. [Thysanoptera: Oelolothripidae]
- 1527 Aphidiinae spp. [Hymenoptera: Braconidae]
- 1528 Ceraphronidae spp. [Hymenoptera: Ceraphronidae] Immature/Adult Guild: Parasite/?
- 1529 Cynipoidea spp. [Hymenoptera: Cynipoidea]
- 1530 Psocidae spp. (Barklice) [Psocoptera: Psocidae]
- 1531 Eucoilidae spp. [Hymenoptera: Eucoilidae]
- 1532 Carnidae spp. [Diptera: Carnidae]
- 1533 [Record Deleted]
- 1534 Neelidae spp. [Collembola: Neelidae]
- 1535 Elasmidae spp. [Hymenoptera: Elasmidae]
- 1536 Thysanidae spp. [Hymenoptera: Thysanidae] Immature/Adult Guild: Parasite/?
- 1537 Eutrichosomatidae spp. [Hymenoptera: Eutrichosomatidae] Immature/Adult Guild: Parasite/?
- 1538 Eucharitidae spp. [Hymenoptera: Eucharitidae] Immature/Adult Guild: Pupal parasite/?
- 1539 Eumenidae spp. [Hymenoptera: Eumenidae]
- 1540 Microlepidoptera spp. [Lepidoptera: Microlepidoptera]
- 1541 Oncideres pustulata LeConte (Huisache or mesquite girdler) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer, girdler/Girdler
- 1542 Chrysobothris octocola LeConte [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 1543 Scobicia declivis (LeConte) (Leadcable borer or short-circuit beetle) [Coleoptera: Bostrichidae]
Immature/Adult Guild: Wood borer/Wood borer
- 1544 Diplotaxis spp. [Coleoptera: Scarabaeidae]
- 1545 Eriosoma americanum (Riley) (Woolly elm aphid) [Homoptera: Aphididae]
- 1546 Datana ministra (Drury) (Yellownecked caterpillar) [Lepidoptera: Notodontidae] Immature/Adult Guild: Defoliator, skeletonizer/? Overwintering Stage: Pupae Oviposition Medium: Leaf undersides Generations Per Year: 1
- 1547 Nymphalis californica (Boisduval) (California tortoise-shell) [Lepidoptera: Nymphalidae] Immature/Adult Guild: Leaf feeder/?
- 1548 Orgyia vetusta gulosa Henry Edwards [Lepidoptera: Liparidae] Immature/Adult Guild: Fruit, leaf feeder/?
- 1549 Chaetophloeus heterodoxus (=Renocis) (Casey) (Mountain mahogany bark beetle) [Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle
- 1550 Serica anthracina LeConte (Manzanita serica) [Coleoptera: Scarabaeidae]
- 1551 Hemileuca eglanterina (=Pseudohazis) (Boisduval) (Brown day moth, Pacific day moth) [Lepidoptera: Saturniidae] Immature/Adult Guild: Leaf feeder/?
- 1552 Hyalophora euryalus (Boisduval) (Ceanothus silk moth) [Lepidoptera:

- Saturniidae] Immature/Adult Guild:
?/Leaf feeder
- 1553 Thrips madronii Moulton (Madrona
thrips) [Thysanoptera: Thripidae]
- 1554 Trialeurodes vaporariorum (Westwood)
(Greenhouse whitefly) [Homoptera:
Aleyrodidae]
- 1555 Agrilus arbuti Fisher [Coleoptera:
Buprestidae] Oviposition Medium: Bark
surfaces
- 1556 Melalgus confertus (LeConte)
[Coleoptera: Anobiidae]
- 1557 Trirhabda nitidicollis LeConte
[Coleoptera: Chrysomelidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 1558 Trirhabda pilosa Blake [Coleoptera:
Chrysomelidae] Immature/Adult Guild:
Leaf feeder/Bud, leaf, twig feeder
- 1559 Hemileuca hera Harris [Lepidoptera:
Saturniidae]
- 1560 Aroga websteri Clarke (Sagebrush
defoliator) [Lepidoptera: Gelechiidae]
Immature/Adult Guild: Leaf feeder/?
- 1561 Dicerca horni Crotch [Coleoptera:
Buprestidae] Immature/Adult Guild: Wood
borer: dead, injured wood/Bark, leaf feeder
Oviposition Medium: Bark surfaces
- 1562 Chramesus spp. [Coleoptera:
Scolytidae]
- 1563 Hemileuca tricolor Packard
[Coleoptera: Saturniidae]
- 1564 Hylocurus parkinsoniae Blackman
[Coleoptera: Scolytidae]
- 1565 Chaetophloeus fasciatus Blackman
[Coleoptera: Scolytidae]
- 1566 Ethmia discostrigella (Chambers)
(Mountain mahogany leaf notcher)
[Lepidoptera: Ethmiidae] Immature/Adult
Guild: Leaf feeder/? Oviposition Medium:
Stem surfaces
- 1567 Polycesta californica LeConte
(California buprestid) [Coleoptera:
Buprestidae] Oviposition Medium: Bark
surfaces
- 1568 Vrilletta decorata Van Dyke
[Coleoptera: Anobiidae]
- 1569 Magdalis aenescens LeConte (Bronze
apple tree weevil) [Coleoptera:
Curculionidae] Immature/Adult Guild:
Wood borer: dead, injured wood/?
Overwintering Stage: Adults Oviposition
Medium: Bark incisions
- 1570 Eriosoma crataegi (Oestlund)
[Homoptera: Aphididae]
- 1571 Lambdina fiscellaria lugubrosa
(Hulst) (Western hemlock looper)
[Lepidoptera: Geometridae]
- 1572 Walshomyia juniperina Felt [Diptera:
Cecidomyiidae]
- 1573 Allassomyia juniperi (Felt)
[Diptera: Cecidomyiidae]
- 1574 Phloeosinus spp. [Coleoptera:
Scolytidae]
- 1575 Phloeosinus furnissi Blackman
[Coleoptera: Scolytidae]
- 1576 Phloeosinus hoferi Blackman
[Coleoptera: Scolytidae]
- 1577 Phloeosinus serratus (LeConte)
[Coleoptera: Scolytidae]
- 1578 Chrysobothris texana LeConte
[Coleoptera: Buprestidae] Oviposition
Medium: Bark surfaces
- 1579 Moneilema spp. [Coleoptera:
Cerambycidae]
- 1580 Oxythrips pinicola Hood
[Thysanoptera: Thripidae]
- 1581 Conophthorus edulis Hopkins (Pinyon
cone beetle) [Coleoptera: Scolytidae]
Immature/Adult Guild: Cone feeder/?
Overwintering Stage: Adults Oviposition
Medium: Conifer cones
- 1582 Tricorynus conophilus (Fall)
[Coleoptera: Anobiidae]
- 1583 Chionodes periculella (Busck)
[Lepidoptera: Gelechiidae]
- 1584 Eucosma bobana Kearfott (Pinyon cone
moth) [Lepidoptera: Olethreutidae]
- 1585 Pineus coloradensis (Fitch) (Pine
leaf chermid) [Homoptera: Phylloxeridae]
- 1586 Halisidota argentata subalpina
French (Silver-spotted halisidota)
[Lepidoptera: Arctiidae]
- 1587 Halisidota ingens Hy. Edwards
[Lepidoptera: Arctiidae]
- 1588 Contarinia cockerelli (Felt)
[Diptera: Cecidomyiidae]
- 1589 Janetiella coloradensis Felt (Pinyon
stunt needle midge) [Diptera:
Cecidomyiidae] Immature/Adult Guild:
Gall former/? Overwintering Stage:
Larvae Oviposition Medium: Conifer
needles

1590 *Pinyonia edulicola* Gagne (Juniper tip or pinyon spindle gall midge) [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/? Overwintering Stage: Larvae Oviposition Medium: Conifer needles Generations Per Year: 1

1591 *Neodiprion eduliculus* Ross (Pinyon sawfly) [Hymenoptera: Diprionidae]

1592 *Zadiprion rohweri* (Middleton) [Hymenoptera: Diprionidae]

1593 *Matsucoccus acalyptus* Herbert (Pinyon needle scale) [Homoptera: Margarodidae] Oviposition Medium: Bark crevices

1594 *Matsucoccus eduli* Morrison [Homoptera: Margarodidae]

1595 *Matsucoccus monophyllae* McKenzie [Homoptera: Margarodidae]

1596 *Okanagana* spp. [Homoptera: Cicadidae]

1597 *Pityococcus ferrisi* McKenzie [Homoptera: Margarodidae]

1598 *Pityococcus rugulosus* McKenzie [Homoptera: Margarodidae]

1599 *Carphoborus pinicolens* Wood [Coleoptera: Scolytidae]

1600 *Pityophthorus* spp. [Coleoptera: Scolytidae]

1601 *Conophthorus monophyllae* Hopkins (Singleleaf pinyon cone beetle) [Coleoptera: Scolytidae] Immature/Adult Guild: Cone feeder/? Overwintering Stage: Adults Oviposition Medium: Conifer cones

1602 *Ernobius montanus* Fall [Coleoptera: Anobiidae]

1603 *Dioryctria albobittella* (Hulst) [Lepidoptera: Pyralidae]

1604 *Xyela concava* Burdick [Hymenoptera: Xyelidae]

1605 *Xyela deserti* Burdick [Hymenoptera: Xyelidae]

1606 *Glyptoscelis aridis* Van Dyke [Coleoptera: Chrysomelidae]

1607 *Dendrocoris pini* Montandon [Hemiptera: Pentatomidae]

1608 *Desmococcus captivus* McKenzie [Homoptera: Margarodidae]

1609 *Desmococcus sedentarius* McKenzie [Homoptera: Margarodidae]

1610 *Petrova monophylliana* (Kearfott) [Lepidoptera: Olethreutidae] Immature/Adult Guild: Stem borer/?

1611 *Dendroctonus ponderosae* Hopkins (Black Hills beetle) [Coleoptera: Scolytidae] Overwintering Stage: Adults, larvae Generations Per Year: 1

1612 *Ips confusus* (LeConte) (Yellow pine engraver) [Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle

1613 *Haplidus testaceus* LeConte [Coleoptera: Cerambycidae]

1614 *Oiketicus* spp. [Lepidoptera: Psychidae]

1615 *Hemileuca juno* Packard [Lepidoptera: Saturniidae]

1616 *Oncideres rhodosticta* Bates (Mesquite girdler) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer, girdler/Girdler Oviposition Medium: Bark incisions

1617 *Megacyllene antennata* (White) (Mesquite borer) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: dead wood/?

1618 *Neoclytus caprea* (Say) (Banded ash borer) [Coleoptera: Cerambycidae]

1619 *Paraneotermes simplicicornis* (Banks) [Isoptera: Kalotermitidae]

1620 *Derobrachus geminatus* LeConte [Coleoptera: Cerambycidae]

1621 *Melissopus latiferrenaus* (Walsingham) (Filbertworm) [Lepidoptera: Olethreutidae]

1622 *Corythucha padi* Drake (Chokecherry tingid) [Hemiptera: Tingidae] Immature/Adult Guild: Sap feeder/Sap feeder

1623 *Heterocampa manteo* (Doubleday) (Variable oakleaf caterpillar) [Lepidoptera: Notodontidae]

1624 *Orgyia* spp. [Lepidoptera: Liparidae]

1625 *Schizura concinna* (J.E. Smith) or (A. & S.) (Redhumped caterpillar) [Lepidoptera: Notodontidae] Overwintering Stage: Pupae in soil Oviposition Medium: Leaf undersides

1626 *Xylomyges simplex* (Walker) [Lepidoptera: Noctuidae]

1627 *Malacosoma disstria* Hubner (Forest tent caterpillar) [Lepidoptera: Lasiocampidae] Immature/Adult Guild: Leaf feeder/?

- 1628 *Malacosoma incurvum* (Henry Edwards)
(Southwestern tent caterpillar)
[Lepidoptera: Lasiocampidae]
Immature/Adult Guild: Leaf feeder/?
- 1629 *Archips cerasivoranus* (Fitch)
(Uglynest caterpillar) [Lepidoptera:
Tortricidae]
- 1630 *Trichiosoma triangulum* Kirby
[Hymenoptera: Cimbicidae]
- 1631 *Taenionema pacifica* (Banks)
[Plecoptera: Nemouridae]
- 1632 *Hyphantria cunea* (Drury) (Fall
webworm) [Lepidoptera: Arctiidae]
Immature/Adult Guild: Leaf feeder/?
Overwintering Stage: Pupae Oviposition
Medium: Leaf surfaces
- 1633 *Quadraspidiotus perniciosus*
(Comstock) (San Jose scale) [Homoptera:
Diaspididae] Immature/Adult Guild: Sap
feeder/Sap feeder
- 1634 *Hemicoelus gibbicollis* (LeConte)
(Pacific powderpost beetle) [Coleoptera:
Anobiidae]
- 1635 *Ptilinus basalus* LeConte
[Coleoptera: Anobiidae]
- 1636 *Edwardsiana rosae* (Linnaeus) (Rose
leafhopper) [Homoptera: Cicadellidae]
- 1637 *Hemileuca nuttalli* Strecker
[Lepidoptera: Saturniidae]
- 1638 *Orgyia antiqua* (Linnaeus) (Rusty
tussock moth) [Lepidoptera: Liparidae]
- 1639 *Lithocolletis umbellulariae*
Walsingham (Aspen blotchminer)
[Lepidoptera: Gracilariidae]
- 1640 *Hylocurus hirtellus* (LeConte) (Shrub
bark beetle) [Coleoptera: Scolytidae]
Immature/Adult Guild: Bark beetle/Bark
beetle
- 1641 *Holopleura marginata* LeConte
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer: dead
wood/?
- 1642 *Pseudopityophthorus* spp.
[Coleoptera: Scolytidae]
- 1643 *Lyctus* spp. [Coleoptera: Lyctidae]
- 1644 *Polycaon stoutii* (LeConte) (Stout's
branch borer) [Coleoptera: Bostrichidae]
Immature/Adult Guild: Wood borer/?
- 1645 *Rosalia funebris* Motschulsky (Banded
alder or California laurel borer)
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 1646 *Amelia pallorana* (Rob.)
[Lepidoptera: Family?]
- 1647 *Rhagoletis cingulata* (Loew) (White-
banded cherry fruit fly) [Diptera:
Tephritidae]
- 1648 *Amphorophora nervata* (Gill)
[Homoptera: Aphididae]
- 1649 *Amphorophora sonchi* (Oestlund)
[Homoptera: Aphididae]
- 1650 *Aphis helichrysi* (Kalt.) (Leaf curl
plum aphid) [Homoptera: Aphididae]
- 1651 *Aphis rumicis* Linnaeus (Bean or dock
aphid) [Homoptera: Aphididae]
- 1652 *Aphis pruni* W. & D. [Homoptera:
Aphididae]
- 1653 *Capitophorus wasatchii* Knowlton
[Homoptera: Aphididae]
- 1654 *Macrosiphum solanifolii* (Ashmead)
[Homoptera: Aphididae]
- 1655 *Periphyllus lyropictus* (Kessler)
[Homoptera: Aphididae]
- 1656 *Phorodon humuli* (Schrank) (Hops
aphid) [Homoptera: Aphididae]
- 1657 *Pterocomma bicolor* (Oestlund)
[Homoptera: Aphididae]
- 1658 *Rhopalosiphum berberidis* (Kalt.)
[Homoptera: Aphididae]
- 1659 *Rhopalosiphum conii* (Davidson)
[Homoptera: Aphididae]
- 1660 *Aeolopus arizonensis* Scudder
[Orthoptera: Acrididae]
- 1661 *Melanoplus differentialis* (Thomas)
(Differential grasshopper) [Orthoptera:
Acrididae]
- 1662 *Schistocerca shoshone* (Thomas)
(Green bird or green bush grasshopper)
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 1663 *Schistocerca vaga* (Scudder) (Grey
bird or vagrant grasshopper) [Orthoptera:
Acrididae] Immature/Adult Guild: Leaf
feeder/Leaf feeder
- 1664 *Diapheromera arizonensis* (Caudell)
(Arizona walkingstick) [Orthoptera:
Phasmatidae]
- 1665 *Mozena* spp. [Hemiptera: Coreidae]
- 1666 *Nysius ericae* (Schilling) Auctorum
(False chinch bug) [Hemiptera: Lygaeidae]
- 1667 *Lygus lineolaris* (Palisot
deBeauvois) (Tarnished plant bug)
[Hemiptera: Miridae] Immature/Adult
Guild: Bud, seed feeder/Bud, seed feeder

1668 *Brochymena sulcata* Van Duzee (Rough
stink bug) [Hemiptera: Pentatomidae]
Immature/Adult Guild: Predator/Predator

1669 *Chlorochroa ligata* (Say) (Concheula)
[Hemiptera: Pentatomidae]

1670 *Euryopthalmus convivus* Stal
(Bordered plant bug) [Hemiptera:
Pyrrhocoridae]

1671 *Zelus renardii* Kolen (Leafhopper
assassin bug) [Hemiptera: Reduviidae]
Immature/Adult Guild: Predator/Predator

1672 *Apiomerus crassipes* (Fabricius) (Bee
assassin) [Hemiptera: Reduviidae]

1673 *Aphis medicaginis* Koch (Cowpea or
bur clover aphid) [Homoptera: Aphididae]
Overwintering Stage: Adults on alternate
host

1674 *Macrosiphum pisi* (Harr.) (Pea aphid)
[Homoptera: Aphididae]

1675 *Myzus persicae* (Sulzer) (Green peach
aphid) [Homoptera: Aphididae]

1676 *Empoasca abrupta* DeLong (Leafhopper)
[Homoptera: Cicadellidae]

1677 *Homolodisca liturata* Ball
(Leafhopper) [Homoptera: Cicadellidae]

1678 *Diceroprocta apache* Davis (Apache
cicada) [Homoptera: Cicadidae]
Immature/Adult Guild: Root
feeder/Oviposition damage

1679 *Oecleus decens* Stal [Homoptera:
Cixiidae]

1680 *Chionaspis etrusca* Leonard (Tamarisk
scale) [Homoptera: Diaspididae]

1681 *Ormenis yumana* Ball [Homoptera:
Flatidae]

1682 *Paratrioza cockerelli* (Sulc) (Potato
psyllid) [Homoptera: Psyllidae]

1683 *Camponotus* spp. [Hymenoptera:
Formicidae]

1684 *Formica perpilosa* Wheeler
[Hymenoptera: Formicidae]

1685 *Pepsis chrysothemis* Lucas
[Hymenoptera: Pompilidae]

1686 *Scolia ardens* Smith [Hymenoptera:
Scoliidae]

1687 *Campsomeris tolteca* Saussure
[Hymenoptera: Scoliidae]

1688 *Campsomeris pollinifera* Vier.
[Hymenoptera: Scoliidae]

1689 *Sphecius speciosus* Vier. (Cicada
killer) [Hymenoptera: Sphecidae]

1690 *Chrysobothris strofasciata* Leconte
[Coleoptera: Buprestidae] Oviposition
Medium: Bark surfaces

1691 *Chaetocnema ectypa* Horn (Desert corn
flea beetle) [Coleoptera: Chrysomelidae]

1692 *Chilocorus cacti* Linnaeus
[Coleoptera: Coccinellidae]

1693 *Sandalus californicus* Lac.
[Coleoptera: Rhipiceridae]

1694 *Cotinus arizonensis* Casey
[Coleoptera: Scarabaeidae]

1695 *Ochsosidia arizonica* Casey
[Coleoptera: Scarabaeidae]

1696 *Estigmene acrea* (Drury) (Salt-marsh
caterpillar or acraea moth) [Lepidoptera:
Arctiidae] Immature/Adult Guild: Leaf
feeder/?

1697 *Papilio rutulus* Boisduvall (Western
swallowtail) [Lepidoptera: Papilionidae]

1698 *Basilarchia obsoleta* (Edwards)
[Lepidoptera: Nymphalidae]

1699 *Colias philodice eurytheme*
Boisduvall (Alfalfa caterpillar)
[Lepidoptera: Pieridae]

1700 *Tabanus punctifer* Osten Sacken (Big
black or western horse fly) [Diptera:
Tabanidae] Immature/Adult Guild:
Saprophage/Blood feeder

1701 *Melanoplus mexicanus mexicanus*
(Sauss.) (Lesser migratory grasshopper)
[Orthoptera: Acrididae]

1702 *Micracis hirtellus* LeConte (Shrub
bark beetle) [Coleoptera: Scolytidae]

1703 *Colladonus geminatus* (Van Duzee)
(Geminate leafhopper) [Homoptera:
Cicadellidae] Immature/Adult Guild:
Plant disease vector/Plant disease vector

1704 *Anaphothrips zeae* Moulton (Corn
thrips) [Thysanoptera: Thripidae]

1705 *Frankliniella gossypiana* Hood
[Thysanoptera: Thripidae]

1706 *Haplothrips fasciculatus* (Crawford)
[Thysanoptera: Phlaeothripidae]

1707 *Haplothrips purpuratus* Hood
[Thysanoptera: Phlaeothripidae]

1708 *Heterothrips prosopidis* Crawford
[Thysanoptera: Heterothripidae]

1709 *Psilothrips paradalotus* Hood
[Thysanoptera: Thripidae]

1710 *Psilothrips priesneri* (Moulton)
[Thysanoptera: Family?]

- 1711 *Didasia opuntiae* Cockerell
[Hymenoptera: Family?]
- 1712 *Didasia rinconis* Cockerell
[Hymenoptera: Family?]
- 1713 *Didasia* spp. [Hymenoptera: Family?]
- 1714 *Melissodes* spp. [Hymenoptera:
Anthophoridae]
- 1715 *Agapostemon melliventris* Cresson
[Hymenoptera: Halictidae]
- 1716 *Augochlorella pomoniella* (Cockerell)
[Hymenoptera: Halictidae]
- 1717 *Halictus* spp. [Hymenoptera:
Halictidae]
- 1718 *Perdita* spp. [Hymenoptera:
Andrenidae]
- 1719 *Melanoplus bilituratus* (Walker)
(Migratory or pale-spotted grasshopper)
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 1720 *Aulocara elliotti* (Thomas)
(Elliott's or big-headed grasshopper)
[Orthoptera: Acrididae]
- 1721 *Melanoplus cuneatus* (Gurney)
[Orthoptera: Acrididae]
- 1722 *Exema globensis* Pierce [Coleoptera:
Chrysomelidae]
- 1723 *Luperodes melanolomatus* Blake
[Coleoptera: Chrysomelidae]
- 1724 *Microrhopala rubrolineata* (Mann.)
[Coleoptera: Chrysomelidae]
Immature/Adult Guild: ?/Leaf feeder
- 1725 *Oedionychus* spp. [Coleoptera:
Chrysomelidae]
- 1726 *Plagiomorpha arizonae* (Crotch)
[Coleoptera: Chrysomelidae]
- 1727 *Saxinis scutellaris* Schffr.
[Coleoptera: Chrysomelidae]
- 1728 *Trichodes ornatus* Say (Common
checkered beetle) [Coleoptera:
Chrysomelidae] Immature/Adult Guild:
Predator/Pollen feeder
- 1729 *Hyperaspis bensonica* Casey
[Coleoptera: Coccinellidae]
- 1730 *Lindorus lophanthae* (Blaisdell)
(Blaidell's ladybird beetle) [Coleoptera:
Coccinellidae] Immature/Adult Guild:
Predator/Predator
- 1731 *Scymnus apacheanus* Casey
[Coleoptera: Coccinellidae]
- 1732 *Anthonomus mimicanus* Fall
[Coleoptera: Curculionidae]
- 1733 *Brachyogmus ornatus* Linell
[Coleoptera: Curculionidae]
- 1734 *Tychius setosus* LeConte [Coleoptera:
Curculionidae]
- 1735 *Cryptorhopalum apicale* Mann.
[Coleoptera: Dermestidae]
- 1736 *Epicauta caviceps* Horn [Coleoptera:
Meloidae]
- 1737 *Epicauta wheeleri* Horn [Coleoptera:
Meloidae]
- 1738 *Lytta auriculata* Horn [Coleoptera:
Meloidae]
- 1739 *Cybocephalus* spp. [Coleoptera:
Nitidulidae]
- 1740 *Evarestoides acutangula* (Thoms.)
[Diptera: Tephritidae]
- 1741 *Trupanea stigmatica* (Coq.) [Diptera:
Tephritidae]
- 1742 *Geocoris punctipes* (Say) (Big-eyed
bug) [Hemiptera: Lygaeidae]
Immature/Adult Guild: Predator/Predator
- 1743 *Lygaeus analis* Dall. [Hemiptera:
Lygaeidae]
- 1744 *Nysius monticola* Dist. [Hemiptera:
Lygaeidae]
- 1745 *Halticotoma valida* Reut. [Hemiptera:
Miridae]
- 1746 *Neurocolpus arizonae* Knight
[Hemiptera: Miridae]
- 1747 *Parthenicus baccharidis* Knight
[Hemiptera: Miridae]
- 1748 *Phytocoris vividus* (Uhler)
[Hemiptera: Miridae]
- 1749 *Rhinacloa forticornis* Reuter
[Hemiptera: Miridae] Immature/Adult
Guild: Leaf,stem feeder/Leaf,stem feeder
- 1750 *Tuponia* spp. [Hemiptera: Miridae]
- 1751 *Corimelaena incognita* (McA. & M.)
[Hemiptera: Pentatomidae]
- 1752 *Thyanta brevis* Van Duzee (Small
stink bug) [Hemiptera: Pentatomidae]
- 1753 *Piesma rugulosa* McA. [Hemiptera:
Piesmatidae]
- 1754 *Zelus socius* Uhler (Leafhopper
assassin bug) [Hemiptera: Reduviidae]
Immature/Adult Guild: Predator/Predator
- 1755 *Aleuroplatus ovatus* Q. & B.
[Homoptera: Aleyrodidae]

- 1756 *Clastoptera arizonana* Doering
[Homoptera: Cercopidae]
- 1757 *Diaspis echinocacti* (Bouche) (Cactus scale) [Homoptera: Diaspididae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 1758 *Lichtensia lycii* Cockerell
[Homoptera: Coccoidea]
- 1759 *Orthezia annae* Cockerell [Homoptera: Ortheziidae]
- 1760 *Pseudodiaspis yuccae* (Cockerell) (Celtis scale) [Homoptera: Coccoidea]
- 1761 *Puto lasiorum* (Cockerell)
[Homoptera: Coccoidea]
- 1762 *Tachardiella fulgens* (Cockerell)
[Homoptera: Lacciferidae]
- 1763 *Catolaccus victoria* Burks
[Hymenoptera: Pteromalidae]
- 1764 *Derostenus agromyzae* Crawford
[Hymenoptera: Eulophidae]
- 1765 *Encarsia meritoria* Gahan
[Hymenoptera: Eulophidae]
- 1766 *Eretmocerus haldemani* Howard
[Hymenoptera: Eulophidae]
- 1767 *Hadrotettix trifasciatus* (Say)
[Orthoptera: Acrididae]
- 1768 *Malacosoma* spp. [Lepidoptera: Lasiocampidae] Immature/Adult Guild: Leaf feeder/?
- 1769 *Phytophaga* spp. (=Mayetiola) (Bitterbrush seed midges) [Diptera: Cecidomyiidae] Immature/Adult Guild: Internal seed feeder/?
- 1770 *Telenomus utahensis* Ashmead
[Hymenoptera: Scelionidae]
- 1771 *Psylla* spp. [Homoptera: Psyllidae]
- 1772 *Aprostocetus* spp. [Hymenoptera: Eulophidae]
- 1773 *Spanogonicus albofasciatus* (Reuter) (Black fleahopper) [Hemiptera: Miridae]
- 1774 *Drepanopterna femoratum* Scudder
[Orthoptera: Acrididae]
- 1775 *Cordillacris crenulata* pima Rehn
[Orthoptera: Acrididae]
- 1776 *Xanthippus corallipes* corallipes (Haldeman) [Orthoptera: Acrididae]
- 1777 *Malacosoma californicum* fragile (Stretch) (Great basin tent caterpillar) [Lepidoptera: Lasiocampidae]
Immature/Adult Guild: Leaf feeder/?
- 1778 *Melanoplus infantilis* Scudder
[Orthoptera: Acrididae]
- 1779 *Amphitornus coloradus* (Thomas)
[Orthoptera: Acrididae]
- 1780 *Melanoplus packardii* Scudder (Packard's grasshopper) [Orthoptera: Acrididae]
- 1781 *Ageneotettix deorum* (Scudder)
[Orthoptera: Acrididae]
- 1782 *Hyles lineata* (Fabricius) (Whitelined sphinx moth) [Lepidoptera: Sphingidae]
- 1783 *Pseudococcus* spp. (Mealybugs)
[Homoptera: Pseudococcidae]
- 1784 *Agrilus* spp. (Twig girdlers) [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/Bark, leaf feeder
Oviposition Medium: Bark surfaces
- 1785 *Sarata incanella* (Hulst)
[Lepidoptera: Pyralidae]
- 1786 *Eucosma ridingsana* [Lepidoptera: Olethreutidae]
- 1787 *Malacosoma fragilis* (Stretch) (Great Basin tent caterpillar) [Lepidoptera: Lasiocampidae] Immature/Adult Guild: Leaf feeder/? Overwintering Stage: Eggs
Oviposition Medium: Twig surfaces
- 1788 *Chionaspis ortholobis* Comstock (Cottonwood scale) [Homoptera: Diaspididae]
- 1789 *Eleodes hispilabris* [Coleoptera: Tenebrionidae]
- 1790 *Pelecyphorus densicollis* Horn
[Coleoptera: Tenebrionidae]
- 1791 *Eusattus muricatus* [Coleoptera: Tenebrionidae]
- 1792 *Calosoma luxatum* [Coleoptera: Carabidae]
- 1793 *Pogonomyrmex owyhee* Cole (Owyhee harvester ant) [Hymenoptera: Formicidae]
Immature/Adult Guild: ?/Defoliator, seed eater
- 1794 *Melipotis indomita* (Walker) (Cutworm) [Lepidoptera: Noctuidae]
- 1795 *Arphia pseudonietana* Scudder
[Orthoptera: Acrididae]
- 1796 *Encoptolophus sordidus* costalis (Scudder) [Orthoptera: Acrididae]
- 1797 *Eritettix simplex* tricarinatus (Thomas) [Orthoptera: Acrididae]
- 1798 *Phlibostroma quadrimaculatum* (Thomas) [Orthoptera: Acrididae]

- 1799 *Psoloessa delicatula delicatula* (Scudder) [Orthoptera: Acrididae]
- 1800 *Trachyrhachys kiowa* (Thomas) [Orthoptera: Acrididae]
- 1801 *Trimerotropis campestris* McNeill [Orthoptera: Acrididae]
- 1802 *Trimerotropis gracilis sordida* (Walker) [Orthoptera: Acrididae]
- 1803 *Xanthippus corallipes buckelli* (Hebard) [Orthoptera: Acrididae]
- 1804 *Tricorymus extremus* White [Coleoptera: Anobiidae]
- 1805 *Acmaeodera gibbula* LeConte [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 1806 *Chrysobothris acaciae* Knull [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 1807 *Chrysobothris exesa* LeConte [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 1808 *Chrysobothris lateralis* Waterhouse [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 1809 *Chrysobothris purpleovittata* Horn [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 1810 *Chrysobothris rossi* Van Dyke [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 1811 *Hippopsis* spp. [Coleoptera: Cerambycidae]
- 1812 *Taranomis bivittata* (Dupont) [Coleoptera: Cerambycidae]
- 1813 *Amphicerus bicaudatus* (Say) (Apple twig borer) [Coleoptera: Bostrichidae]
- 1814 *Apatides fortis* (LeConte) [Coleoptera: Bostrichidae] Immature/Adult Guild: Wood borer: dead wood/?
- 1815 *Xyloblaptus quadrispinosus* (LeConte) [Coleoptera: Bostrichidae]
- 1816 *Trogoxylon parallelipedum* (Melsheimer) [Coleoptera: Lyctidae]
- 1817 *Oryzaephilus surinamensis* (Linnaeus) (Saw-toothed grain beetle) [Coleoptera: Cucujidae]
- 1818 *Cordillacris occipitalis* (Thomas) [Orthoptera: Acrididae]
- 1819 *Melanoplus angustipennis* (Dodge) [Orthoptera: Acrididae]
- 1820 *Melanoplus confusus* (Scudder) [Orthoptera: Acrididae]
- 1821 *Mermiria maculipennis* [Orthoptera: Acrididae]
- 1822 *Pardalophora apiculata* [Orthoptera: Acrididae]
- 1823 *Spharagemon collare* (Scudder) (Utah locust) [Orthoptera: Acrididae]
- 1824 *Acanthoscelides collusus* (Fall) [Coleoptera: Bruchidae]
- 1825 *Algarobius bottimeri* Kingsolver [Coleoptera: Bruchidae]
- 1826 *Gnathamitermes tubiformans* (Buckley) [Isoptera: Termitidae]
- 1827 *Hemileuca oliviae* Cockerell (New Mexico range caterpillar) [Lepidoptera: Saturniidae]
- 1828 *Podosesia syringe syringe* (Harris) (Lilac borer) [Lepidoptera: Sesiidae] Immature/Adult Guild: Wood borer/?
- 1829 *Urophora formosa* Coquillett [Diptera: Tephritidae]
- 1830 *Trupanea femoralis* Thompson [Diptera: Tephritidae]
- 1831 *Paroxyna murina* Doane [Diptera: Tephritidae]
- 1832 *Sophronia* spp [Lepidoptera: Gelechiidae]
- 1833 *Nysius californicus* Stal (California false chinch bug) [Hemiptera: Lygaeidae]
- 1834 *Boottettix punctatus* Sc. (Creosote bush grasshopper) [Orthoptera: Acrididae]
- 1835 *Arenivaga investigata* (Desert cockroach) [Orthoptera: Polyphagidae]
- 1836 *Pogonomyrmex californicus* (Buckley) (California harvester ant) [Hymenoptera: Formicidae]
- 1837 *Melanoplus arizonae* [Orthoptera: Acrididae]
- 1838 *Melanoplus lakinus* (Scudder) [Orthoptera: Acrididae]
- 1839 *Dactylotum variegatum* [Orthoptera: Acrididae]
- 1840 *Eritettix varabilis* [Orthoptera: Acrididae]
- 1841 *Anthicus* spp. [Coleoptera: Anthicidae]
- 1842 *Philophuga amoena* LeConte [Coleoptera: Carabidae]

- 1843 *Callisthenes striatulus* LeConte
[Coleoptera: Carabidae]
- 1844 *Hydnocera subfasciata* LeConte
[Coleoptera: Cleridae]
- 1845 *Epitrix* spp. [Coleoptera: Chrysomelidae]
- 1846 *Microrhopala* spp. [Coleoptera: Chrysomelidae]
- 1847 *Monoxia guttulata* LeConte
[Coleoptera: Chrysomelidae]
- 1848 *Monoxia sordida* (LeConte)
[Coleoptera: Chrysomelidae]
- 1849 *Pachybrachis melanostictus* Suffrian
[Coleoptera: Chrysomelidae]
- 1850 *Pachybrachis peccans* Suff.
[Coleoptera: Chrysomelidae]
- 1851 *Phyllotreta albionica* LeConte
(Colorado cabbage flea beetle)
[Coleoptera: Chrysomelidae]
- 1852 *Scelolyperus longulus* (LeConte)
[Coleoptera: Chrysomelidae]
- 1853 *Systema taeniata* (LeConte) (Banded flea beetle) [Coleoptera: Chrysomelidae]
Immature/Adult Guild: Root feeder/Leaf feeder
- 1854 *Adalia frigida humeralis* (Say)
(Frigid ladybird beetle) [Coleoptera: Coccinellidae]
- 1855 *Brachyacantha dentipes socialis* Casey [Coleoptera: Coccinellidae]
- 1856 *Coccinella* spp. [Coleoptera: Coccinellidae]
- 1857 *Coccinella monticola difficilis* Casey [Coleoptera: Coccinellidae]
- 1858 *Coccinella novemnotata degener* Casey [Coleoptera: Coccinellidae]
- 1859 *Exochomus marginipennis californicus* Casey (Variable ladybird beetle)
[Coleoptera: Coccinellidae]
Immature/Adult Guild: Predator/Predator
- 1860 *Exochomus septentrionis parvicollis* Casey [Coleoptera: Coccinellidae]
- 1861 *Hippodamia convergens ambiguus* LeConte [Coleoptera: Coccinellidae]
- 1862 *Hippodamia lecontei* Mulsant
(LeConte's ladybird beetle) [Coleoptera: Coccinellidae]
Immature/Adult Guild: Predator/Predator
- 1863 *Hippodamia lunatomaculata apicalis* Casey [Coleoptera: Coccinellidae]
Immature/Adult Guild: Predator/Predator
- 1864 *Hyperaspis chapins* Dobz.
[Coleoptera: Coccinellidae]
- 1865 *Hyperaspis dissoluta* Cresson
[Coleoptera: Coccinellidae]
- 1866 *Hyperaspis lateralis montanica* Casey
[Coleoptera: Coccinellidae]
- 1867 *Hyperaspis spiculinota* Fallen
[Coleoptera: Coccinellidae]
- 1868 *Hyperaspis taeniata nevadica* Csy.
[Coleoptera: Coccinellidae]
- 1869 *Hyperaspis taeniata taeniata* Lec.
[Coleoptera: Coccinellidae]
- 1870 *Scymnus weidti* Casey [Coleoptera: Coccinellidae]
- 1871 *Allandrus bifasciatus* LeConte
[Coleoptera: Curculionidae]
- 1872 *Anthonomus albopilosus* Dietz.
[Coleoptera: Curculionidae]
- 1873 *Anthonomus sphaeralceae* Fall
[Coleoptera: Curculionidae]
- 1874 *Desmoris fulvus* LeConte [Coleoptera: Curculionidae]
- 1875 *Anthonomus cycliferus* Fall
[Coleoptera: Curculionidae]
- 1876 *Ludius inflatus* (Say) (Inflated wireworm) [Coleoptera: Elateridae]
Immature/Adult Guild: Seedling, root feeder/Bud, flower feeder
- 1877 *Pheletes canus* LeConte [Coleoptera: Elateridae]
- 1878 *Saprinus scabriceps* Casey
[Coleoptera: Histeridae]
- 1879 *Attalus nigripes* Hom. [Coleoptera: Melyridae]
- 1880 *Entrichopleurus sesiellus* (Casey)
[Coleoptera: Melyridae]
- 1881 *Listus rubripes* LeConte [Coleoptera: Melyridae]
- 1882 *Vectura albicans* Casey [Coleoptera: Melyridae]
- 1883 *Pocalto grandicollis* Hald.
[Coleoptera: Scarabaeidae]
- 1884 *Hylocrinus* spp. [Coleoptera: Tenebrionidae]
- 1885 *Haplomyza* spp. [Diptera: Agromyzidae]
- 1886 *Phytomyza atricornis* Mg. [Diptera: Agromyzidae]

- 1887 *Bibio albipennis tenuipes* Coq. [Diptera: Agromyzidae]
- 1888 *Phormia regina* (Meigen) (Black blow fly) [Diptera: Calliphoridae]
- 1889 *Pollenia rudis* (Fabricius) (Cluster fly) [Diptera: Calliphoridae]
- 1890 *Chamaemyia* spp. [Diptera: Chamaemyiidae]
- 1891 *Madiza neglecta* (Beck) [Diptera: Milichiidae]
- 1892 *Oscinella frit nitidissima* (Mg.) [Diptera: Chloropidae]
- 1893 *Tomosvaryella* spp. [Diptera: Pipunculidae]
- 1894 *Culicoides crepuscularis* Malloch [Diptera: Ceratopogonidae]
- 1895 *Asteromyia* spp. [Diptera: Cecidomyiidae]
- 1896 *Janetiella* spp. [Diptera: Cecidomyiidae]
- 1897 *Rhopalomyia tridentatae* Rubsaaemen [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 1898 *Madremyia saundersii* (Will.) [Diptera: Tachinidae]
- 1899 *Nemorilla floralis* (Fallen) [Diptera: Tachinidae]
- 1900 *Polideosoma cinerosa* (Coq.) [Diptera: Tachinidae]
- 1901 *Samacia* spp. [Diptera: Tachinidae]
- 1902 *Madiza halteralis* (Coq.) [Diptera: Milichiidae]
- 1903 *Fannia* spp. [Diptera: Muscidae]
- 1904 *Omphrale nubilipes* (Say) [Diptera: Scenopinidae]
- 1905 *Geosargus viridis* (Say) [Diptera: Stratiomyidae]
- 1906 *Tendipes plumosus* (Linnaeus) [Diptera: Chironomidae]
- 1907 *Tendipes utahensis* Malloch [Diptera: Chironomidae]
- 1908 *Eutreta facialis* Curran (Gall forming fruit flies) [Diptera: Tephritidae] Immature/Adult Guild: Gall former/Gall former
- 1909 *Oxyna palpalis* (Coq.) [Diptera: Tephritidae]
- 1910 *Procecidochares minuta* Snow (Gall forming fruit flies) [Diptera: Tephritidae] Immature/Adult Guild: Gall former/Gall former
- 1911 *Trupanea bisetosa* (Coquillett) [Diptera: Tephritidae]
- 1912 *Trupanea radifera* Coq. [Diptera: Tephritidae]
- 1913 *Eutreta* nr. *jonesi* Curran (Gall forming fruit flies) [Diptera: Tephritidae] Immature/Adult Guild: Gall former/Gall former
- 1914 *Thereva furcata* Loew [Diptera: Therevidae]
- 1915 *Leptocoris trivittatus* (Say) (Box elder bug) [Hemiptera: Coreidae]
- 1916 *Stictopleurus pallidus* (Baker) [Hemiptera: Coreidae]
- 1917 *Stictopleurus plutonius* (Baker) [Hemiptera: Coreidae]
- 1918 *Lygaeus kalmii* Stal (Common milkweed bug) [Hemiptera: Lygaeidae]
- 1919 *Nysius raphanus* Howard [Hemiptera: Lygaeidae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder
- 1920 *Nysius tenellus* Barber [Hemiptera: Lygaeidae]
- 1921 *Chlamydatus uniformis* (Uhler) [Hemiptera: Miridae]
- 1922 *Deraeocoris brevis piceatus* Knight [Hemiptera: Miridae]
- 1923 *Europiella decolor* (Uhler) [Hemiptera: Miridae]
- 1924 *Labopidea sericata* (Uhler) [Hemiptera: Miridae]
- 1925 *Lopidea bullata* Knight [Hemiptera: Miridae]
- 1926 *Melanotrichus inconspicuus* (Uhler) [Hemiptera: Miridae]
- 1927 *Melanotrichus* spp. [Hemiptera: Miridae]
- 1928 *Parthenicus* spp. [Hemiptera: Miridae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 1929 *Phyllopidea* spp. [Hemiptera: Miridae]
- 1930 *Psallus* spp. [Hemiptera: Miridae]
- 1931 *Strongylocoris robustus* (Uhler) [Hemiptera: Miridae]

- 1932 *Jalysus wickhami* Van Duzee
[Hemiptera: Berytidae]
- 1933 *Elasmotethus cruciatus* (Say)
[Hemiptera: Pentatomidae]
- 1934 *Homaemus aeneifrons extensus* Wally
(Black-faced shield bug) [Hemiptera:
Scutelleridae]
- 1935 *Thyanta pallidovirens* (Stal)
[Hemiptera: Pentatomidae] Immature/Adult
Guild: Leaf, stem feeder/Leaf, stem feeder
- 1936 *Sinea anacantha* Hussy [Hemiptera:
Reduviidae]
- 1937 *Clastoptera brunnea* Ball [Homoptera:
Aphididae]
- 1938 *Aceratagallia fuscscripta* Oman
[Homoptera: Cicadellidae]
- 1939 *Acinopterus* spp. [Homoptera:
Cicadellidae]
- 1940 *Circulifer tenellus* (Baker) (Sugar
beet leafhopper) [Homoptera:
Cicadellidae] Immature/Adult Guild: Sap
feeder/Sap feeder
- 1941 *Deltocephalus grex* Oman [Homoptera:
Cicadellidae] Immature/Adult Guild: Leaf
feeder/Leaf feeder
- 1942 *Dikraneura carneola* (Stal)
[Homoptera: Cicadellidae]
- 1943 *Dikraneura* spp. [Homoptera:
Cicadellidae]
- 1944 *Empoasca decora* DeLong & Davidson
[Homoptera: Cicadellidae]
- 1945 *Empoasca nigra* G. & B. [Homoptera:
Cicadellidae]
- 1946 *Psammotettix dentatus* Knull
[Homoptera: Cicadellidae]
- 1947 *Scleroracis* spp. [Homoptera:
Cicadellidae]
- 1948 *Stragania atra* (Baker) [Homoptera:
Cicadellidae]
- 1949 *Okanagana striatipes* Hald.
[Homoptera: Cicadidae]
- 1950 *Olicarus dondonius* Ball [Homoptera:
Cixiidae]
- 1951 *Haplaxius* spp. [Homoptera:
Cixiidae]
- 1952 *Delphacodes propinqua* (Fieb.)
[Homoptera: Delphacidae]
- 1953 *Scolops pallidus* Uhler (Pallid
scolops) [Homoptera: Dictyopharidae]
Immature/Adult Guild: Stem feeder/Stem
feeder
- 1954 *Hysteropterum cornutum uthanum* Ball
[Homoptera: Issidae]
- 1955 *Anisostylus stylus* Cald. [Homoptera:
Membracidae]
- 1956 *Neophilaenus lineatus* (Linnaeus)
[Homoptera: Cercopidae]
- 1957 *Campylenchia latipes* Say [Homoptera:
Membracidae]
- 1958 *Tortistilus wickhami* Van Duzee
[Homoptera: Membracidae]
- 1959 *Enchenopa permutata* Van Duzee
[Homoptera: Membracidae]
- 1960 *Psylla ribesiae* Crawford [Homoptera:
Psyllidae]
- 1961 *Psylla coryli* Patch [Homoptera:
Psyllidae]
- 1962 *Pachypsylla venusta* Osten Sacken
[Homoptera: Psyllidae]
- 1963 *Aphalara pinicola* Crawford
[Homoptera: Psyllidae]
- 1964 *Aphalara angustipennis* Crawford
[Homoptera: Psyllidae]
- 1965 *Andrena* spp. [Hymenoptera:
Andrenidae]
- 1966 *Anisepyrus* spp. [Hymenoptera:
Bethyidae]
- 1967 *Epyrus* spp. [Hymenoptera:
Bethyidae]
- 1968 *Apanteles feltiae* Vier.
[Hymenoptera: Braconidae]
- 1969 *Lysiphlebus* spp. [Hymenoptera:
Braconidae]
- 1970 *Bracon pygmaeus* Prov. [Hymenoptera:
Braconidae]
- 1971 *Dacnusa* spp. [Hymenoptera:
Braconidae]
- 1972 *Opius* spp. [Hymenoptera:
Braconidae]
- 1973 *Rhysipolis* spp. [Hymenoptera:
Braconidae]
- 1974 *Rogas stigmator* Say [Hymenoptera:
Braconidae]
- 1975 *Tetrasphaeropyx* spp. [Hymenoptera:
Braconidae]
- 1976 *Praon artemisaphis* Smith
[Hymenoptera: Braconidae]
- 1977 *Spilochalcis albifrons* (Walsh)
[Hymenoptera: Chalcididae]

- 1978 *Chalcaspis arizonensis* Grt. [Hymenoptera: Encyrtidae]
- 1979 *Mirini* spp. [Hymenoptera: Encyrtidae]
- 1980 *Psilogaster* spp. [Hymenoptera: Eucharitidae]
- 1981 *Emersonopsis* spp. [Hymenoptera: Eulophidae]
- 1982 *Euderus subopacus* (Gahan) [Hymenoptera: Eulophidae]
- 1983 *Sympiesis* spp. [Hymenoptera: Eulophidae]
- 1984 *Tetrastichus melanis* Burks [Hymenoptera: Eulophidae]
- 1985 *Horogenes* spp. [Hymenoptera: Ichneumonidae]
- 1986 *Phaeogenes* spp. [Hymenoptera: Ichneumonidae]
- 1987 *Ectopius* spp. [Hymenoptera: Ichneumonidae]
- 1988 *Scambus bicoloripes* (Ashmead) [Hymenoptera: Ichneumonidae]
- 1989 *Pseudomethoca athamas* (Fox) [Hymenoptera: Mutillidae]
- 1990 *Perilampus capitatus* Smulyan [Hymenoptera: Perilampidae]
- 1991 *Inostemma* spp. [Hymenoptera: Platygasteridae]
- 1992 *Leptacis* spp. [Hymenoptera: Platygasteridae]
- 1993 *Catolaccus aeneoviridis* (Girault) [Hymenoptera: Pteromalidae]
- 1994 *Eunotus* spp. [Hymenoptera: Pteromalidae]
- 1995 *Merisinæ* spp. [Hymenoptera: Pteromalidae]
- 1996 *Pteromalinae* spp. [Hymenoptera: Pteromalidae]
- 1997 *Halticoptera* spp. [Hymenoptera: Pteromalidae]
- 1998 *Zatropis* spp. [Hymenoptera: Pteromalidae]
- 1999 *Scelio* spp. [Hymenoptera: Scelionidae]
- 2000 *Passaloecus annulatus* (Say) [Hymenoptera: Sphecidae]
- 2001 *Sphex pilosus* Fern. [Hymenoptera: Sphecidae]
- 2002 *Paratiphia* spp. [Hymenoptera: Tiphidae]
- 2003 *Torymus* spp. [Hymenoptera: Torymidae]
- 2004 *Melanoplus complanatus* [Orthoptera: Acrididae]
- 2005 *Oecanthus nigricornis* Walker [Orthoptera: Gryllidae]
- 2006 *Thiodia* spp. [Lepidoptera: Olethreutidae]
- 2007 *Bucculatrix* spp. [Lepidoptera: Lyonetiidae] Immature/Adult Guild: Leaf feeder/?
- 2008 *Gelechia anarsiella* [Lepidoptera: Gelechiidae]
- 2009 *Periphyllus americanus* (Baker) (American maple aphid) [Homoptera: Aphididae]
- 2010 *Periphyllus brevispinosus* Gillette & Palmer (Colorado maple aphid) [Homoptera: Aphididae]
- 2011 *Drepanaphis idahoensis* Smith & Dillery (Idaho maple aphid) [Homoptera: Aphididae]
- 2012 *Drepanaphis kansensis* Smith [Homoptera: Aphididae]
- 2013 *Drepanaphis knowltoni* Smith & Dillery [Homoptera: Aphididae]
- 2014 *Nearctaphis sensoriata* Gillette & Bragg [Homoptera: Aphididae]
- 2015 *Prociphilus caryae* (Fitch) [Homoptera: Aphididae]
- 2016 *Acyrtosiphon macrosiphum* (Wilson) (Long-legged serviceberry aphid) [Homoptera: Aphididae]
- 2017 *Prociphilus caryae fitchii* Baker & Davidson [Homoptera: Aphididae]
- 2018 *Prociphilus corrugatus* (Serrine) [Homoptera: Aphididae]
- 2019 *Tamalia coweni* (Cockerell) (Manzanita leaf gall aphid) [Homoptera: Aphididae]
- 2020 *Pleotrichophorus glandulosa* (Kaltenbach) [Homoptera: Aphididae]
- 2021 *Pleotrichophorus zoomontanus* (Knowlton & Smith) [Homoptera: Aphididae]
- 2022 *Zyxaphis canae* (Williams) [Homoptera: Aphididae]
- 2023 *Zyxaphis filifoliae* (Gillette & Palmer) [Homoptera: Aphididae]

- 2024 *Zyxaphis hermistonii* (Wilson)
[Homoptera: Aphididae]
- 2025 *Zyxaphis minutissima* (Gillette & Palmer) [Homoptera: Aphididae]
- 2026 *Pleotrichophorus longinectarius* (Gillette & Palmer) [Homoptera: Aphididae]
- 2027 *Macrosiphoniella artemisiae* [Homoptera: Aphididae]
- 2028 *Macrosiphoniella ludoviciana* (Oestlund) [Homoptera: Aphididae]
- 2029 *Zyxaphis oregonensis* (Wilson) [Homoptera: Aphididae]
- 2030 *Hyperomyzus accidentalis* (Knowlton) [Homoptera: Aphididae]
- 2031 *Macrosiphoniella frigidicola* Gillette & Palmer [Homoptera: Aphididae]
- 2032 *Obtusicauda albicornus* (Knowlton & Allen) [Homoptera: Aphididae]
- 2033 *Obtusicauda anomella* (Knowlton & Allen) [Homoptera: Aphididae]
- 2034 *Obtusicauda artemisiphila* (Knowlton & Allen) [Homoptera: Aphididae]
- 2035 *Obtusicauda cefsmithi* (Knowlton & Allen) [Homoptera: Aphididae]
- 2036 *Obtusicauda filifoliae* (Gillette & Palmer) [Homoptera: Aphididae]
- 2037 *Obtusicauda flavila* (Knowlton & Allen) [Homoptera: Aphididae]
- 2038 *Obtusicauda jonesi* (Gillette & Palmer) [Homoptera: Aphididae]
- 2039 *Obtusicauda zerohypsi* (Knowlton & Allen) [Homoptera: Aphididae]
- 2040 *Obtusicauda zerotherum* (Knowlton & Allen) [Homoptera: Aphididae]
- 2041 *Pleotrichophorus decampus* (Knowlton & Smith) [Homoptera: Aphididae]
- 2042 *Pleotrichophorus heterohirsutus* (Gillette & Palmer) [Homoptera: Aphididae]
- 2043 *Pleotrichophorus longipes* (Gillette & Palmer) [Homoptera: Aphididae]
- 2044 *Pleotrichophorus pullus* (Gillette & Palmer) [Homoptera: Aphididae]
- 2045 *Pleotrichophorus quadritrichus pallidus* Corpuz & Raros & Cook [Homoptera: Aphididae]
- 2046 *Pleotrichophorus spatulavillus* (Knowlton & Smith) [Homoptera: Aphididae]
- 2047 *Pseudoepameibaphis zavillus* Knowlton & Smith [Homoptera: Aphididae]
- 2048 *Zyxaphis infrequens* (Knowlton) [Homoptera: Aphididae]
- 2049 *Zyxaphis utahensis* Knowlton [Homoptera: Aphididae]
- 2050 *Pleotrichophorus brevinectarius* (Gillette & Palmer) [Homoptera: Aphididae]
- 2051 *Aphis maidiradicis* Forbes (Corn root aphid) [Homoptera: Aphididae]
- 2052 *Macrosiphoniella glabra* (Gillette & Palmer) [Homoptera: Aphididae]
- 2053 *Pleotrichophorus filifoliae* (Palmer) [Homoptera: Aphididae]
- 2054 *Prociphilus erigeronensis* (Thomas) [Homoptera: Aphididae]
- 2055 *Xerophilaphis tetrapteris* (Cockerell) [Homoptera: Aphididae]
- 2056 *Liosomaphis berberidis* (Kaltenbach) (Barberry aphid) [Homoptera: Aphididae]
Immature/Adult Guild: Sap feeder:
leaves/Sap feeder: leaves
- 2057 *Calaphis betulaecolens* (Fitch) (Common birch aphid) [Homoptera: Aphididae]
- 2058 *Calaphis coloradensis* Granovsky [Homoptera: Aphididae]
- 2059 *Calaphis flava* Mordvilko [Homoptera: Aphididae]
- 2060 *Euceraphis gillettei* Davidson [Homoptera: Aphididae]
- 2061 *Neosymydobius intermedius* [Homoptera: Aphididae]
- 2062 *Euceraphis punctipennis* Zetterstedt [Homoptera: Aphididae]
- 2063 *Euceraphis betulae* (Koch) (European birch aphid) [Homoptera: Aphididae]
- 2064 *Glyphina betulae* (Linnaeus) [Homoptera: Aphididae]
- 2065 *Nearctaphis kachena* (Hottes) [Homoptera: Aphididae]
- 2066 *Aphis ornata* (Gillette & Palmer) [Homoptera: Aphididae]
- 2067 *Illinoia azaleae* (Mason) [Homoptera: Aphididae]
- 2068 *Pleotrichophorus neosporadicus* Corpuz & Raros & Cook [Homoptera: Aphididae]

- 2069 *Pleotrichophorus packi brevis* Corpuz & Raros & Cook [Homoptera: Aphididae]
- 2070 *Pleotrichophorus palmerae* (Knowlton) [Homoptera: Aphididae]
- 2071 *Pleotrichophorus sporadicus* (Knowlton) (Sporadic rabbitbrush aphid) [Homoptera: Aphididae]
- 2072 *Pleotrichophorus zerozoous* (Knowlton & Smith) [Homoptera: Aphididae]
- 2073 *Uroleucon aaroni* (Knowlton) [Homoptera: Aphididae]
- 2074 *Uroleucon ambrosiae* (Thomas) (Brown ambrosia aphid) [Homoptera: Aphididae]
- 2075 *Uroleucon escalantii* (Knowlton) [Homoptera: Aphididae]
- 2076 *Zyxaphis chrysothamni* (Wilson) (Rabbitbrush twig bark aphid) [Homoptera: Aphididae]
- 2077 *Zyxaphis chrysothamnicola* (Gillette & Palmer) (Long rostrum rabbitbrush aphid) [Homoptera: Aphididae]
- 2078 *Zyxaphis crypta* (Pack & Knowlton) [Homoptera: Aphididae]
- 2079 *Ballana polica* DeLong [Homoptera: Cicadellidae]
- 2080 *Pleotrichophorus magnautensus* (Knowlton & Smith) [Homoptera: Aphididae]
- 2081 *Anoecia corni* (Fabricius) [Homoptera: Aphididae]
- 2082 *Anoecia cornicola* (Walsh) [Homoptera: Aphididae]
- 2083 *Aphis cornifoliae* Fitch (Dogwood or sunflower aphid) [Homoptera: Aphididae]
- 2084 *Aphis helianthi* Monell (Dogwood or sunflower aphid) [Homoptera: Aphididae]
- 2085 *Aphis neogillettei* Palmer [Homoptera: Aphididae]
- 2086 *Aphis nigratibialis* Robinson [Homoptera: Aphididae]
- 2087 *Stegophylla querci* (Fitch) (White banded dogwood aphid) [Homoptera: Aphididae]
- 2088 *Myzocallis coryli* (Goeze) (Filbert aphid) [Homoptera: Aphididae]
- 2089 *Ovatus crataegarius* (Walker) [Homoptera: Aphididae]
- 2090 *Aphis pomi* DeGeer (Green apple aphid) [Homoptera: Aphididae]
- 2091 *Nearctaphis bakeri* (Cowen) (Short-beaked clover aphid) [Homoptera: Aphididae]
- 2092 *Rhopalosiphum insertum* (Walker) [Homoptera: Aphididae]
- 2093 *Rhopalosiphum nigrum* Richards [Homoptera: Aphididae]
- 2094 *Utamphorophora crataegi* (Monell) (Four-spotted hawthorn aphid) [Homoptera: Aphididae]
- 2095 *Capitophorus elaeagni* (Del Guercio) [Homoptera: Aphididae]
- 2096 *Capitophorus hippophaes* (Walker) [Homoptera: Aphididae]
- 2097 *Braggia agathona* (Hottes) [Homoptera: Aphididae]
- 2098 *Braggia echinata* Gillette & Palmer [Homoptera: Aphididae]
- 2099 *Braggia uncomphagrensensis* Hottes [Homoptera: Aphididae]
- 2100 *Aphis erigoni* [Homoptera: Aphididae]
- 2101 *Cinara juniperi* (DeGeer) [Homoptera: Aphididae]
- 2102 *Cinara sibericae* (Gillette & Palmer) (American juniper aphid) [Homoptera: Aphididae]
- 2103 *Cinara burrilli* (Wilson) [Homoptera: Aphididae]
- 2104 *Amphicercidus flocculosus* (Gillette & Palmer) [Homoptera: Aphididae]
- 2105 *Hyadaphis foeniculi* (Passerini) (Honeysuckle and parsnip aphid) [Homoptera: Aphididae]
- 2106 *Rhopalomyzus lonicerae* (Siebold) [Homoptera: Aphididae]
- 2107 *Illinoia crystleae* (Smith & Knowlton) [Homoptera: Aphididae]
- 2108 *Aphis lupini* Gillette & Palmer (Western lupine aphid) [Homoptera: Aphididae]
- 2109 *Macrosiphum albifrons* Essig (Essig's lupine aphid) [Homoptera: Aphididae]
- 2110 *Macrosiphum timpanogos* Knowlton [Homoptera: Aphididae]
- 2111 *Macrosiphum zionense* Knowlton [Homoptera: Aphididae]
- 2112 *Aphis craccivora* Koch (Cowpea aphid) [Homoptera: Aphididae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

- 2113 *Aphis citricola* Van der Goot
(Spiraea aphid) [Homoptera: Aphididae]
- 2114 *Asiphonaphis pruni* Wilson & Davis
[Homoptera: Aphididae]
- 2115 *Brachycaudus persicae* (Passerini)
(Black peach aphid) [Homoptera: Aphididae]
- 2116 *Rhopalosiphum cerasifoliae* (Fitch)
(Chokecherry aphid) [Homoptera: Aphididae]
- 2117 *Roepkea bakeri* [Homoptera: Aphididae]
- 2118 *Hyalopterus pruni* (Geoffroy) (Mealy plum aphid) [Homoptera: Aphididae]
- 2119 *Rhopalosiphum musae* (Schouteden)
[Homoptera: Aphididae]
- 2120 *Rhopalosiphum nymphaeae* (Linnaeus)
(Waterlily aphid) [Homoptera: Aphididae]
- 2121 *Rhopalosiphum padi* (Linnaeus)
[Homoptera: Aphididae]
- 2122 *Hoplochaitophorus quercicola* (Monell) (Honeysuckle and parsnip aphid)
[Homoptera: Aphididae]
- 2123 *Myzocallis discolor* (Monell)
(Eastern dusky-winged oak aphid)
[Homoptera: Aphididae]
- 2124 *Myzocallis punctatus* (Monell)
(Western dusky-winged oak aphid)
[Homoptera: Aphididae]
- 2125 *Neosymydobius albasiphus* (Davis)
[Homoptera: Aphididae]
- 2126 *Stegophylla quercifoliae* (Gillette)
(Woolly oak aphid) [Homoptera: Aphididae]
- 2127 *Thelaxes californica* (Davidson) (Oak bud aphid) [Homoptera: Aphididae]
- 2128 *Tuberculatus californicus* (Baker)
[Homoptera: Aphididae]
- 2129 *Tuberculatus maureri* (Swain)
[Homoptera: Aphididae]
- 2130 *Aphis ribiensis* Gillette & Palmer
[Homoptera: Aphididae]
- 2131 *Aphis ribigillettei* Knowlton & Allen
[Homoptera: Aphididae]
- 2132 *Hyperomyzus lactucae* (Linnaeus)
[Homoptera: Aphididae]
- 2133 *Hyperomyzus nigricornis* (Knowlton)
[Homoptera: Aphididae]
- 2134 *Hyperomyzus ribiellus* (Davis)
(Ornamental currant aphid) [Homoptera: Aphididae]
- 2135 *Kakimia cynosbati* (Oestlund)
[Homoptera: Aphididae]
- 2136 *Kakimia houghtonensis russellae* Heie. [Homoptera: Aphididae]
- 2137 *Kakimia houghtonensis occidentalis* Heie. [Homoptera: Aphididae]
- 2138 *Kakimia ribeuthahensis* Knowlton
[Homoptera: Aphididae]
- 2139 *Aphis neomexicana pacifica* Davidson
[Homoptera: Aphididae]
- 2140 *Capitophorus corambus* Hottes & Frison [Homoptera: Aphididae]
- 2141 *Acyrtosiphon dirhodum* (Walker)
(Rose grass aphid) [Homoptera: Aphididae]
- 2142 *Acyrtosiphon pentatrachopus* Hille Ris Lambers [Homoptera: Aphididae]
- 2143 *Chaetosiphon fragaefolii* (Cockerell)
(Strawberry aphid) [Homoptera: Aphididae]
- 2144 *Chaetosiphon minor* (Forbes)
[Homoptera: Aphididae]
- 2145 *Chaetosiphon potentillae* (Walker)
[Homoptera: Aphididae]
- 2146 *Chaetosiphon tetra-rhodum* (Walker)
[Homoptera: Aphididae]
- 2147 *Chaetosiphon thomasi* Hille Ris Lambers [Homoptera: Aphididae]
- 2148 *Eomacrosiphum nigromaculosum* (MacDougall) (Black and red rose aphid)
[Homoptera: Aphididae]
- 2149 *Maculolachnus submacula* (Walker)
(Hairy rose aphid) [Homoptera: Aphididae]
- 2150 *Rhodobium porosum* (Sanderson)
[Homoptera: Aphididae]
- 2151 *Whalgreneilla nervata* (Gillette)
(Rose and bearberry aphid) [Homoptera: Aphididae]
- 2152 *Acyrtosiphon titigula* (Hottes)
[Homoptera: Aphididae]
- 2153 *Chaetosiphon hottesi* Stroyan
[Homoptera: Aphididae]
- 2154 *Dysaphis plataginea* (Passerini)
(Rosy apple aphid) [Homoptera: Aphididae]
- 2155 *Amphorophora agathonica* Hottes
[Homoptera: Aphididae]
- 2156 *Amphorophora bonnevilla* Knowlton & Allen [Homoptera: Aphididae]
- 2157 *Amphorophora rubi* (Kaltenbach)
(European raspberry aphid) [Homoptera: Aphididae] Immature/Adult Guild: Sap feeder: shoots/Sap feeder: shoots

- 2158 *Amphorophora sensoriata* Mason
[Homoptera: Aphididae]
- 2159 *Amphorophora tigwatensa* Hottes
[Homoptera: Aphididae]
- 2160 *Macrosiphum californicum* (Clarke)
(California willow aphid) [Homoptera:
Aphididae]
- 2161 *Aphis farinosa* Gmelin [Homoptera:
Aphididae]
- 2162 *Aphis salicariae* Koch [Homoptera:
Aphididae]
- 2163 *Brevicoryne fraterna* (Strom.)
[Homoptera: Aphididae]
- 2164 *Cavariella aegopodii* (Scopoli)
[Homoptera: Aphididae]
- 2165 *Cavariella digitata* Hille Ris
Lambers [Homoptera: Aphididae]
- 2166 *Cavariella knowltoni* Hille Ris
Lambers [Homoptera: Aphididae]
- 2167 *Cavariella pastinacae* (Linnaeus)
[Homoptera: Aphididae]
- 2168 *Cavariella theobaldi* (Gillette &
Bragg) [Homoptera: Aphididae]
- 2169 *Chaitophorus abditus* (Hottes)
[Homoptera: Aphididae]
- 2170 *Chaitophorus eoessigi* Hille Ris
Lambers [Homoptera: Aphididae]
- 2171 *Chaitophorus intermedius* Hille Ris
Lambers [Homoptera: Aphididae]
- 2172 *Chaitophorus knowltoni* Hille Ris
Lambers [Homoptera: Aphididae]
- 2173 *Chaitophorus monelli* (Essig)
[Homoptera: Aphididae]
- 2174 *Chaitophorus salicicorticis* (Essig)
[Homoptera: Aphididae]
- 2175 *Chaitophorus saliciniger* (Knowlton)
[Homoptera: Aphididae]
- 2176 *Fullawaya saliciradicis* Essig
[Homoptera: Aphididae] Immature/Adult
Guild: Root feeder/Root feeder
- 2177 *Fullawaya terricola* (Hottes &
Frison) [Homoptera: Aphididae]
- 2178 *Myzus ornatus* Laing [Homoptera:
Aphididae]
- 2179 *Pterocomma pilosum* Buckton
[Homoptera: Aphididae]
- 2180 *Aphis fabae* Scopoli (Bean aphid)
[Homoptera: Aphididae]
- 2181 *Macrosiphum stanleyi* Wilson
[Homoptera: Aphididae]
- 2182 *Aphis sambuci* Linnaeus (Elder aphid)
[Homoptera: Aphididae]
- 2183 *Capitophorus shepherdiae* Gillette &
Bragg [Homoptera: Aphididae]
- 2184 *Myzus ascalonicus* Doncaster (Shallot
aphid) [Homoptera: Aphididae]
- 2185 *Aphthargelia symphoricarpi* (Thomas)
(Snowberry aphid) [Homoptera: Aphididae]
- 2186 *Cedoaphis incognita* Hottes & Friston
[Homoptera: Aphididae]
- 2187 *Pleotrichophorus tetradyimiae* Smith
[Homoptera: Aphididae] Immature/Adult
Guild: Sap feeder/Sap feeder
- 2188 *Ceruraphis viburnicola* (Gillette)
(Snowball aphid) [Homoptera: Aphididae]
- 2189 *Aphis gutierreziae* (Pack & Knowlton)
[Homoptera: Aphididae]
- 2190 *Uroleucon zeroquiterrezae* (Smith &
Knowlton) [Homoptera: Aphididae]
- 2191 *Drosophila pachea* Patterson &
Wheeler [Diptera: Drosophilidae]
- 2192 *Drosophila nigrospiracula* Patterson
& Wheeler [Diptera: Drosophilidae]
- 2193 *Drosophila mojavensis* Patterson &
Crow [Diptera: Drosophilidae]
- 2194 *Drosophila arizonensis* [Diptera:
Drosophilidae]
- 2195 *Drosophila longicornis* [Diptera:
Drosophilidae]
- 2196 *Drosophila aldrichi* [Diptera:
Drosophilidae]
- 2197 *Drosophila mulleri* [Diptera:
Drosophilidae]
- 2198 *Ctenolepisma longicaudata*
[Thysanura: Lepismatidae]
- 2199 *Arenivaga* spp. (Sand roaches)
[Orthoptera: Polyphagidae]
- 2200 *Chyphotes petiolatus* [Hymenoptera:
Mutillidae]
- 2201 *Photopsis* spp. [Hymenoptera:
Scoliidae]
- 2202 *Euryoros furtivus* [Hymenoptera:
Family?]
- 2203 *Stilbopogon* spp. [Hymenoptera:
Family?]

- 2204 *Pogonomyrmex barbatus* (F. Smith)
(Texas harvester ant) [Hymenoptera:
Formicidae]
- 2205 *Forelius* spp. [Hymenoptera:
Formicidae]
- 2206 *Veromessor pergandei* (Mayr)
(Harvester ant) [Hymenoptera: Formicidae]
- 2207 *Harpalus* spp. [Coleoptera:
Carabidae]
- 2208 *Stenolophus* spp. [Coleoptera:
Carabidae]
- 2209 *Araeoschizus* spp. [Coleoptera:
Tenebrionidae]
- 2210 *Triorophus laevis* [Coleoptera:
Tenebrionidae]
- 2211 *Cryptoglossa verrucosa* LeConte
[Coleoptera: Tenebrionidae]
- 2212 *Centrioptera muricata* LeConte
[Coleoptera: Tenebrionidae]
- 2213 *Centrioptera variolosa* [Coleoptera:
Tenebrionidae]
- 2214 *Argoporis bicolor* [Coleoptera:
Tenebrionidae]
- 2215 *Eleodes armata* LeConte (Armored
stink beetle) [Coleoptera: Tenebrionidae]
- 2216 *Nocibiotes granulatus* [Coleoptera:
Tenebrionidae]
- 2217 *Nocibiotes rubripes* [Coleoptera:
Tenebrionidae]
- 2218 *Drosophila victoria* [Diptera:
Drosophilidae]
- 2219 *Pogonomyrmex californicus estebanius*
Pergande [Hymenoptera: Formicidae]
- 2220 *Papilio indra fordi* Comstock &
Martin [Lepidoptera: Papilionidae]
- 2221 *Papilio rudkini* Comstock
[Lepidoptera: Papilionidae]
- 2222 *Gerstaeckeria turbida* [Coleoptera:
Curculionidae]
- 2223 *Feltia subterranea* (Granulate
cutworm) [Lepidoptera: Noctuidae]
- 2224 *Loxostege sticticalis* (Linnaeus)
(Beet webworm) [Lepidoptera: Pyralidae]
- 2225 *Calligrapha* spp. [Coleoptera:
Chrysomelidae]
- 2226 *Chalcoides* spp. [Coleoptera:
Chrysomelidae]
- 2227 *Trirhabda canadensis* (Kirby)
(Goldenrod beetle) [Coleoptera:
Chrysomelidae] Immature/Adult Guild:
Leaf feeder/Leaf feeder
- 2228 *Capitophorus magnatensis* Knowlton &
Smith [Homoptera: Aphididae]
- 2229 *Gnathium* spp. [Coleoptera:
Meloidae]
- 2230 *Malachius aeneus* Fabricius
[Coleoptera: Melyridae]
- 2231 *Coleophora* spp. [Lepidoptera:
Coleophoridae] Immature/Adult Guild:
Leaf feeder/?
- 2232 *Crambus* spp. [Lepidoptera:
Pyralidae]
- 2233 *Aroga* spp. [Lepidoptera:
Gelechiidae]
- 2234 *Cameraria* spp. [Lepidoptera:
Gracilariidae]
- 2235 *Nymphalis antiopa* (Linnaeus)
(Morning-cloak butterfly) [Lepidoptera:
Nymphalidae] Immature/Adult Guild:
Skeletonizer/?
- 2236 *Schinia* spp. [Lepidoptera:
Noctuidae]
- 2237 *Oidaematophorus grisescens*
Walsingham [Lepidoptera: Pterophoridae]
- 2238 *Sarcophaga planifrons* [Diptera:
Sarcophagidae]
- 2239 *Oecanthus nigricornis argentinus*
Saussure [Orthoptera: Gryllidae]
- 2240 *Capitophorus gregarius* Knowlton
[Homoptera: Aphididae]
- 2241 *Myzocallis maureni* Swain [Homoptera:
Aphididae]
- 2242 *Aphis rubifolii* Thomas [Homoptera:
Aphididae]
- 2243 *Calaphis annulata* (Koch.)
[Homoptera: Aphididae]
- 2244 *Ceruraphis eriophori* (Walker)
[Homoptera: Aphididae]
- 2245 *Myzocallis alhambra* Davidson
[Homoptera: Aphididae]
- 2246 *Thargelia symphoricarpi* (Thomas)
[Homoptera: Aphididae]
- 2247 *Empoasca neaspersa* Oman & Wheeler
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 2248 *Fieberiella florii* (Stal)
[Homoptera: Cicadellidae] Immature/Adult

Guild: Plant disease vector/Plant disease vector

2249 *Scolops uhleri* Ball [Homoptera: Dictyopharidae]

2250 *Telamonthe pulchella* (Ball) [Homoptera: Membracidae]

2251 *Pulvinaria bigeloviae* Cockerell [Homoptera: Coccidae]

2252 *Acmaeodera sparsa* Horn [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces

2253 *Chaleoides* spp. [Coleoptera: Chrysomelidae]

2254 *Trichodes simulator* Horn [Coleoptera: Chrysomelidae]

2255 *Coccinella nivicola monticola* Casey [Coleoptera: Coccinellidae]

2256 *Hyperaspis lateralis wellmani* Nun. [Coleoptera: Coccinellidae]

2257 *Cleonus vittatus* Kirby [Coleoptera: Curculionidae]

2258 *Eumecomera obscura* (LeConte) [Coleoptera: Oedemeridae]

2259 *Callitroga macellaria* (F.) [Diptera: Calliphoridae]

2260 *Eucalliphora lilaea* (Walker) [Diptera: Calliphoridae]

2261 *Paradejeania rutilioides* (Jean.) [Diptera: Tachinidae]

2262 *Trichodejeania vexatrix* (Osten Sacken) [Diptera: Tachinidae]

2263 *Sarcophaga hunteri* Hough [Diptera: Sarcophagidae]

2264 *Sarcophaga lherminiera* R.D. [Diptera: Sarcophagidae]

2265 *Sarcophaga rapax* Walker [Diptera: Sarcophagidae]

2266 *Senotainia trilineata* wdW. [Diptera: Sarcophagidae]

2267 *Mesograpta marginata* (Say) [Diptera: Syrphidae]

2268 *Tubifera tenax* (Linnaeus) [Diptera: Syrphidae]

2269 *Archytas apicifer* Walker [Diptera: Tachinidae]

2270 *Chaetophleps tarsalis* Tns. [Diptera: Tachinidae]

2271 *Exoristoides johnsoni* Coq. [Diptera: Tachinidae]

2272 *Fabriciella egula* Rnh. [Diptera: Tachinidae]

2273 *Fabriciella latigena* Tll. [Diptera: Tachinidae]

2274 *Leucostoma acirostre* Rnh. [Diptera: Tachinidae]

2275 *Lydina areos* Walker [Diptera: Tachinidae]

2276 *Peleteria campestris* Cn. [Diptera: Tachinidae]

2277 *Cucullia* spp. [Lepidoptera: Noctuidae]

2278 *Apterona crenulella* (Bruand) (Snailcase bagworm) [Lepidoptera: Psychidae] Immature/Adult Guild: Leaf feeder/?

2279 *Loxostege* spp. [Lepidoptera: Pyralidae]

2280 *Scythris* spp. [Lepidoptera: Scythridae] Immature/Adult Guild: Leaf feeder/?

2281 *Formica microgyna* [Hymenoptera: Formicidae]

2282 *Amauronematus* spp. [Hymenoptera: Tenthredinidae]

2283 *Climaciella brunnea occidentis* Banks (Western mantispid) [Neuroptera: Mantispidae]

2284 *Oecanthus californicus* Saussure (California tree cricket) [Orthoptera: Gryllidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

2285 *Oecanthus niveus* (DeGeer) (Snowy tree cricket) [Orthoptera: Gryllidae]

2286 *Macrosiphoniella sanborni* (Gillette) (Chrysanthemum aphid) [Homoptera: Aphididae]

2287 *Adalia binotata quadramaculata* (Scop.) [Coleoptera: Coccinellidae]

2288 *Eupagoderes* spp. [Coleoptera: Curculionidae]

2289 *Acyrtosiphon caraganae* Chol. [Homoptera: Aphididae]

2290 *Anoecia querci* (Fitch) [Homoptera: Aphididae]

2291 *Aphis bonnevillensis* Knowlton [Homoptera: Aphididae]

2292 *Aphis crypta* Pack & Knowlton [Homoptera: Aphididae]

2293 *Aphis filifoliae* Gillette & Palmer [Homoptera: Aphididae]

- 2294 *Aphis hermistonii* Wilson [Homoptera: Aphididae]
- 2295 *Brachyunguis gregalis* [Homoptera: Aphididae]
- 2296 *Aulacorthum solani* (Kalt.) [Homoptera: Aphididae]
- 2297 *Capitophorus xerozoous* Knowlton & Smith [Homoptera: Aphididae]
- 2298 *Epacmus* spp. [Diplura: Bombyliidae]
- 2299 *Craspedolepta minutissima* (Gillette & Palmer) [Homoptera: Aphididae]
- 2300 *Dactynotus ambrosiae* (=Macrosiphum ambrosiae) (Thomas) [Homoptera: Aphididae]
- 2301 *Drepanaphis spicata* Smith [Homoptera: Aphididae]
- 2302 *Masonaphis azaleae* (Mason) [Homoptera: Aphididae]
- 2303 *Masonaphis masoni* (Knowlton) [Homoptera: Aphididae]
- 2304 *Myzocallis bellus* (Walsh) [Homoptera: Aphididae]
- 2305 *Myzus calangei* Essig [Homoptera: Aphididae]
- 2306 *Oestlundia maxima* Mason [Homoptera: Aphididae]
- 2307 *Pentatrichopus thomasi* (H.R.L.) [Homoptera: Aphididae]
- 2308 *Pleotrichophorus utensus* (Pack & Knowlton) [Homoptera: Aphididae]
- 2309 *Pterocomma beulahensis* (Cockerell) [Homoptera: Aphididae]
- 2310 *Aspidiotus perniciosus* Comstock (San Jose scale) [Homoptera: Diaspididae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2311 *Orthezia sarcobati* Morrison [Homoptera: Ortheziidae]
- 2312 *Myrmex lineata knowltoni* Sleeper [Coleoptera: Curculionidae]
- 2313 *Carpophilus pallipennis* (Say) [Coleoptera: Nitidulidae] Immature/Adult Guild: ?/Bud, flower feeder
- 2314 *Meligethes dauricus* Mots. [Coleoptera: Nitidulidae]
- 2315 *Brachypterolus pulicarius* (Linnaeus) [Coleoptera: Nitidulidae]
- 2316 *Hyperaspis tetranensa* Casey [Coleoptera: Coccinellidae]
- 2317 *Hyperaspis fastidiosus* Casey [Coleoptera: Coccinellidae]
- 2318 *Scymnus uteanus* Casey [Coleoptera: Coccinellidae]
- 2319 *Olibrus rufipes* LeConte [Coleoptera: Phalacridae]
- 2320 *Monorchus bimaculatus* [Coleoptera: Cerambycidae]
- 2321 *Crossidius corallinus* [Coleoptera: Cerambycidae]
- 2322 *Crossidius allgewahri* LeConte [Coleoptera: Cerambycidae]
- 2323 *Centrodera nevadica* LeConte [Coleoptera: Cerambycidae]
- 2324 *Centrodera barri* [Coleoptera: Cerambycidae]
- 2325 *Technophilus croceicollis* Menc. [Coleoptera: Carabidae]
- 2326 *Lebia* spp. [Coleoptera: Carabidae]
- 2327 *Harpalus basilaris* Kirby [Coleoptera: Carabidae]
- 2328 *Harpalus fraternus* [Coleoptera: Carabidae]
- 2329 *Deronectes striatellus* LeConte [Coleoptera: Dytiscidae]
- 2330 *Aleocharinae* spp. [Coleoptera: Staphylinidae]
- 2331 *Agrilus malrostri* [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2332 *Acmaeodera variegata* LeConte [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2333 *Chrysobothris* spp. [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2334 *Pyropyga* spp. [Coleoptera: Lampyridae]
- 2335 *Cryptorhopalum uteanum* Casey [Coleoptera: Dermestidae]
- 2336 *Hydnocera* spp. [Coleoptera: Cleridae]
- 2337 *Collops* spp. [Coleoptera: Melyridae]
- 2338 *Collops bipunctatus* Say (Two-spotted collops) [Coleoptera: Melyridae] Immature/Adult Guild: Predator/Predator
- 2339 *Tanaops* spp. [Coleoptera: Malachiidae]

- 2340 *Anthocomus* spp. [Coleoptera: Malachiidae]
- 2341 *Anthocomus thevenetii* [Coleoptera: Malachiidae]
- 2342 *Attalus* spp. [Coleoptera: Malachiidae]
- 2343 *Malachiidae* spp. [Coleoptera: Malachiidae]
- 2344 *Dasytes cruralis* LeConte [Coleoptera: Dasytidae]
- 2345 *Mecomyceter* spp. [Coleoptera: Dasytidae]
- 2346 *Amecocerus luteipes* (LeConte) [Coleoptera: Dasytidae]
- 2347 *Lytta mejister* [Coleoptera: Meloidae]
- 2348 *Gnathius* spp. [Coleoptera: Meloidae]
- 2349 *Cryptocephalus confluentus* Say [Coleoptera: Chrysomelidae]
- 2350 *Pachybrachis bivittatus* (Say) [Coleoptera: Chrysomelidae]
- 2351 *Pachybrachis croftus* Bowditch [Coleoptera: Chrysomelidae]
- 2352 *Hispinae* spp. [Coleoptera: Chrysomelidae]
- 2353 *Chrysomelinae* spp. [Coleoptera: Chrysomelidae]
- 2354 *Calomicrus* spp. [Coleoptera: Chrysomelidae]
- 2355 *Crepidodera nana* Say [Coleoptera: Chrysomelidae]
- 2356 *Chaetocnema* nr. *brunnescens* Horn [Coleoptera: Chrysomelidae]
- 2357 *Disonycha latiovittata* Hatch (Five-striped flea beetle) [Coleoptera: Chrysomelidae] Immature/Adult Guild: Skeletonizer/Leaf feeder
- 2358 *Disonycha latifrons* Schaeffer [Coleoptera: Chrysomelidae] Immature/Adult Guild: Skeletonizer/Leaf feeder
- 2359 *Saxinis saucia* LeConte (Red-shouldered leaf beetle) [Coleoptera: Chrysomelidae] Immature/Adult Guild: ?/Leaf feeder
- 2360 *Paria quadriguttata* (LeConte) [Coleoptera: Chrysomelidae]
- 2361 *Longitarsus* spp. [Coleoptera: Chrysomelidae]
- 2362 *Monoxia grisea* Blake [Coleoptera: Chrysomelidae]
- 2363 *Monoxia obesula* Blake [Coleoptera: Chrysomelidae]
- 2364 *Monoxia angularis* (LeConte) [Coleoptera: Chrysomelidae]
- 2365 *Allopoda* spp. [Coleoptera: Chrysomelidae]
- 2366 *Anthonomus* spp. [Coleoptera: Curculionidae] Immature/Adult Guild: ?/Flower, leaf feeder
- 2367 *Cercopedius artemisiae* (Pierce) [Coleoptera: Curculionidae]
- 2368 *Dorytomus squamosus* LeConte [Coleoptera: Curculionidae]
- 2369 *Ophryastes sulcirostris* (Say) [Coleoptera: Curculionidae]
- 2370 *Leptoconops torrens* (Townsend) (No-see-um or bloodsucking gnat) [Diptera: Ceratopogonidae] Immature/Adult Guild: ?/Blood feeder
- 2371 *Bibio albipennis* (Say) (White-winged March fly) [Diptera: Bibionidae]
- 2372 *Syritta pipiens* (Linnaeus) [Diptera: Syrphidae]
- 2373 *Cryptochironomus* spp. [Diptera: Chironomidae]
- 2374 *Cricotopus* spp. [Diptera: Chironomidae]
- 2375 *Forcipomyia brevipennis* (Macq.) [Diptera: Ceratopogonidae]
- 2376 *Forcipomyia squamipes* (Coq.) [Diptera: Ceratopogonidae]
- 2377 *Leptoconops bertessi* [Diptera: Ceratopogonidae]
- 2378 *Culicoides* spp. (Punkies) [Diptera: Ceratopogonidae]
- 2379 *Dasyhelea mutabilis* Coquillett [Diptera: Ceratopogonidae]
- 2380 *Aedes vexan* (Adm.) (Vexatious mosquito) [Diptera: Culicidae]
- 2381 *Aedes* spp. [Diptera: Culicidae]
- 2382 *Docosia* spp. [Diptera: Mycetophilidae]
- 2383 *Neolasioptera* spp. [Diptera: Cecidomyiidae]
- 2384 *Ledomyia* spp. [Diptera: Cecidomyiidae]

- 2385 *Erioptera cana* (Walker) [Diptera: Tipulidae]
- 2386 *Simulium griseum* Coq. [Diptera: Simuliidae]
- 2387 *Scenopinidae* spp. (Window flies) [Diptera: Scenopinidae]
- 2388 *Allograpta obliqua* Say [Diptera: Syrphidae] Immature/Adult Guild: Predator/Nectar feeder
- 2389 *Baccha lemur* Osten Sacken (Lemur syrphid) [Diptera: Syrphidae]
- 2390 *Paragus tibialis* Fallen [Diptera: Syrphidae]
- 2391 *Volucella candata* Cwr. [Diptera: Syrphidae]
- 2392 *Xylota flavitibia* Big. [Diptera: Syrphidae]
- 2393 *Halophilus latifrons* Loew [Diptera: Syrphidae]
- 2394 *Nemotelus politus* Hanson [Diptera: Stratiomyidae]
- 2395 *Sargus cuprarius* (Linnaeus) [Diptera: Stratiomyidae]
- 2396 *Silvius quadrivitatus* Say [Diptera: Tabanidae]
- 2397 *Physocephala texana* (Williston) [Diptera: Conopidae]
- 2398 *Robertsonomyia parva* V.D. [Diptera: Conopidae]
- 2399 *Thecophora propinqua* (Adams) [Diptera: Conopidae]
- 2400 *Thecophora nigripes* Com. [Diptera: Conopidae]
- 2401 *Zodion americanum* [Diptera: Conopidae]
- 2402 *Zodion fulvifrons* Say [Diptera: Conopidae]
- 2403 *Zodion cinereiventri* V.D. [Diptera: Conopidae]
- 2404 *Pipunculus subopacus* Loew [Diptera: Pipunculidae]
- 2405 *Prothecus* spp. [Diptera: Pipunculidae]
- 2406 *Pipunculus* spp. [Diptera: Pipunculidae]
- 2407 *Mydas xanthopterus* [Diptera: Asilidae]
- 2408 *Efferia* spp. [Diptera: Asilidae]
- 2409 *Holopogon atrifrons* Cole [Diptera: Asilidae]
- 2410 *Mallophorina guildiana* Will. [Diptera: Asilidae]
- 2411 *Osprionotus vallensis* Martin [Diptera: Asilidae]
- 2412 *Promachus aldrichii* Hine [Diptera: Asilidae]
- 2413 *Stichopogon trifasciatus* Say [Diptera: Asilidae]
- 2414 *Wilcoxia painteri* Wilcox [Diptera: Asilidae]
- 2415 *Hemerodromia* spp. [Diptera: Empididae]
- 2416 *Hilara* spp. [Diptera: Empididae]
- 2417 *Platypalpus* spp. [Diptera: Empididae]
- 2418 *Dipalta serpentina* Osten Sacken [Diptera: Bombyliidae]
- 2419 *Exoprosopa doris* Osten Sacken [Diptera: Bombyliidae]
- 2420 *Exoprosopa calyptera* Say [Diptera: Bombyliidae]
- 2421 *Mythicomyia atra* Cresson [Diptera: Bombyliidae]
- 2422 *Toxophora virgata* Osten Sacken [Diptera: Bombyliidae]
- 2423 *Systoechus vulgaris* Loew [Diptera: Bombyliidae]
- 2424 *Villa lepidota* (Osten Sacken) [Diptera: Bombyliidae]
- 2425 *Villa syrtis* Coq. [Diptera: Bombyliidae]
- 2426 *Psilocephala costalis* Loew [Diptera: Therevidae]
- 2427 *Megaselia* spp. [Diptera: Phoridae]
- 2428 *Aphanotrigonum* spp. [Diptera: Chloropidae]
- 2429 *Lasiosina similis* (Mall.) [Diptera: Chloropidae]
- 2430 *Meromyza nigriventris* (Macq.) [Diptera: Chloropidae]
- 2431 *Olcella parva* (Ad.) [Diptera: Chloropidae]
- 2432 *Olcella projecta* (Mall.) [Diptera: Chloropidae]
- 2433 *Olcella provocans* (Becker) [Diptera: Chloropidae]

- 2434 *Olcella punctifrons* (Becker) [Diptera: Chloropidae]
- 2435 *Siphonella neglecta* (Mall.) [Diptera: Chloropidae]
- 2436 *Chamaemyia juncorum* Fallen [Diptera: Chamaemyiidae]
- 2437 *Desmometopa tarsalis* Loew [Diptera: Milichiidae]
- 2438 *Leptometopa latipes* Meigen [Diptera: Milichiidae]
- 2439 *Meoneura* nr. *wirthi* Collen [Diptera: Milichiidae]
- 2440 *Milichia* nr. *aethiops* Mall. [Diptera: Milichiidae]
- 2441 *Milichia* spp. [Diptera: Milichiidae]
- 2442 *Allotrichoma* spp. [Diptera: Ephydriidae]
- 2443 *Atissa pygmaea* Halid. [Diptera: Ephydriidae]
- 2444 *Ephydra cinerea* Jones [Diptera: Ephydriidae]
- 2445 *Hydrellia* spp. [Diptera: Ephydriidae]
- 2446 *Lamprosatella sibilans* Halid. [Diptera: Ephydriidae]
- 2447 *Mosillus tibialis* Cresson [Diptera: Ephydriidae]
- 2448 *Psilopa olga* Cresson [Diptera: Ephydriidae]
- 2449 *Scatella paludum* (Meigen) [Diptera: Ephydriidae]
- 2450 *Tethinidae* spp. [Diptera: Tethinidae]
- 2451 *Pelomyiella melanderi* (Start.) [Diptera: Tethinidae]
- 2452 *Myrmex lineolata* [Coleoptera: Curculionidae]
- 2453 *Cremastus* spp. [Hymenoptera: Ichneumonidae]
- 2454 *Irbisia brachycera* [Hemiptera: Miridae]
- 2455 *Conostethes americanus* [Hemiptera: Miridae]
- 2456 *Scaptomyza pallida* Zetterstedt [Diptera: Drosophilidae]
- 2457 *Malacosoma fragile* Stretch (Great Basin tent caterpillar) [Lepidoptera: Lasiocampidae] Immature/Adult Guild: Leaf feeder/? Overwintering Stage: Eggs Oviposition Medium: Twig surfaces
- 2458 *Hyalophora* spp. [Lepidoptera: Saturniidae]
- 2459 *Malacosoma californicum lutescens* (Newmoege & Dyar) [Lepidoptera: Lasiocampidae] Immature/Adult Guild: Leaf feeder/?
- 2460 *Malacosoma californicum pluviale* (Dyar) [Lepidoptera: Lasiocampidae] Immature/Adult Guild: Leaf feeder/?
- 2461 *Trishoromyia canadensis* Felt (Gall midge) [Diptera: Cecidomyiidae]
- 2462 *Hoplocampa* spp. (Sawfly) [Hymenoptera: Tenthredinidae]
- 2463 *Lepidosaphes ulmi* (Linnaeus) (Oystershell scale) [Homoptera: Diaspididae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2464 *Eurytoma squamosa* Bugbee [Hymenoptera: Eurytomidae] Immature/Adult Guild: Internal seed feeder/?
- 2465 *Lecanium* spp. [Homoptera: Coccidae]
- 2466 *Lecanium cerasifex* Fitch (Bitterbrush tortoise scale) [Homoptera: Coccidae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2467 *Hemileuca* spp. (Buck moths and day moths) [Lepidoptera: Saturniidae] Immature/Adult Guild: Leaf feeder/?
- 2468 *Pseudohazis* spp. (Buck moth) [Lepidoptera: Saturniidae]
- 2469 *Altica ambiens* (LeConte) [Coleoptera: Chrysomelidae] Immature/Adult Guild: Skeletonizer/Leaf perforator
- 2470 *Pelomyia coronata* Loew [Diptera: Tethinidae]
- 2471 *Homoneura* spp. [Diptera: Lauxaniidae]
- 2472 *Minettia* spp. [Diptera: Lauxaniidae]
- 2473 *Astiosoma* nr. *aridum* Sapr. [Diptera: Asteidae]
- 2474 *Phlebosotera setipalpis* Sapr. [Diptera: Asteidae]
- 2475 *Trixoscelis frontalis* Fallen [Diptera: Trixoscelididae]
- 2476 *Hemeromyia washingtona* Mel. [Diptera: Carnidae]

- 2477 *Meoneura polita* Sabr. [Diptera: Carnidae]
- 2478 *Meoneura* nr. *nigrifrons* Mall. [Diptera: Carnidae]
- 2479 *Aciurina lutea* Coq. (Gall forming fruit flies) [Diptera: Tephritidae]
Immature/Adult Guild: Gall former/Gall former
- 2480 *Aciurina trixa* Curran (Gall forming fruit flies) [Diptera: Tephritidae]
Immature/Adult Guild: Gall former/Gall former
- 2481 *Eutreta oregona* Curr. (Gall forming fruit flies) [Diptera: Tephritidae]
Immature/Adult Guild: Gall former/Gall former
- 2482 *Oxyna aterrima* Doane [Diptera: Tephritidae]
- 2483 *Paroxyna clathrata* Loew [Diptera: Tephritidae]
- 2484 *Trupanea nigricornis* (Coquillett) [Diptera: Tephritidae]
- 2485 *Mozena obtusa* Uhler [Hemiptera: Coreidae]
- 2486 *Oncideres putator* Thomson [Coleoptera: Cerambycidae]
- 2487 *Agrilus palmicollis* Horn [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2488 *Chauliognathus basilis* LeConte [Coleoptera: Cantharidae]
- 2489 *Batyle ignicollis* (Say) [Coleoptera: Cerambycidae]
- 2490 *Stenaspis solitaria* (Say) [Coleoptera: Cerambycidae]
- 2491 *Babia* spp. [Coleoptera: Chrysomelidae]
- 2492 *Chrysolina* spp. [Coleoptera: Chrysomelidae]
- 2493 *Coscinoptera* spp. [Coleoptera: Chrysomelidae]
- 2494 *Scymnus loewi* Mulsant [Coleoptera: Coccinellidae]
- 2495 *Colecerus marmoratus* (Say) [Coleoptera: Curculionidae]
- 2496 *Epicauta nigratarsis* (LeConte) [Coleoptera: Meloidae]
- 2497 *Phaenicia sericata* (Meigen) [Diptera: Calliphoridae]
- 2498 *Orthellia caesarion* (Meigen) [Diptera: Muscidae]
- 2499 *Euclytia flava* (Townsend) [Diptera: Tachinidae]
- 2500 *Nemorilla pyste* (Walker) [Diptera: Tachinidae]
- 2501 *Neacoryphus bicrucis* (Say) [Hemiptera: Lygaeidae]
- 2502 *Oncopeltus fasciatus* (Dallas) (Spotted milkweed bug) [Hemiptera: Lygaeidae]
- 2503 *Podisus acutissimus* (Stallings) [Hemiptera: Pentatomidae]
- 2504 *Gypona paupercula* Spangberg [Homoptera: Cicadellidae]
- 2505 *Thyanta accerra* McAtee [Hemiptera: Pentatomidae]
- 2506 *Norvellina texana* (Ball) [Homoptera: Cicadellidae]
- 2507 *Pacarina puella* Davis [Homoptera: Cicadidae]
- 2508 *Ormenis saucia* (Van Duzee) [Homoptera: Flatidae] Immature/Adult Guild: Stem feeder/Stem feeder
- 2509 *Tylocentrus reticulatus* (Van Duzee) [Homoptera: Membracidae]
- 2510 *Vanduzza* spp. [Homoptera: Membracidae]
- 2511 *Niesthrea sidae* (Fabricius) [Hemiptera: Rhopalidae]
- 2512 *Melissodes* nr. *ochraea* La Berge [Hymenoptera: Apidae]
- 2513 *Iphiaulax* spp. [Hymenoptera: Braconidae] Immature/Adult Guild: Ectoparasite/?
- 2514 *Colletes hyalinus* Provancher [Hymenoptera: Colletidae]
- 2515 *Euodynerus annulatus* (Say) [Hymenoptera: Eumenidae]
- 2516 *Polistes apachus* Saussure [Hymenoptera: Vespidae]
- 2517 *Compsus auricephalus* (Say) [Coleoptera: Curculionidae]
- 2518 *Enoclerus* spp. [Coleoptera: Cleridae]
- 2519 *Spilococcus viridula* (Cockerell) [Homoptera: Pseudococcidae]
- 2520 *Phenacoccus* spp. [Homoptera: Pseudococcidae]
- 2521 *Acmaeodera* spp. (Spotted flower buprestids) [Coleoptera: Buprestidae] Immature/Adult Guild: Wood

- borer/Flower, leaf feeder Oviposition
Medium: Bark surfaces
- 2522 *Melitara dentata* Grote (Blue cactus borer) [Lepidoptera: Pyralidae]
Immature/Adult Guild: Stem borer/?
- 2523 *Eumysia idahoensis* Mackie
[Lepidoptera: Pyralidae]
- 2524 *Phigalia plumogeraria* (Hulst)
(Walnut spanworm) [Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
- 2525 *Circotettix rabula* Rehn & Hebard
[Orthoptera: Acrididae]
- 2526 *Achorutes matorus* Folsom
[Collembola: Poduridae]
- 2527 *Achorutes armatus* (Nicolet) (Armed springtail) [Collembola: Poduridae]
Immature/Adult Guild: Saprophage/Saprophage
- 2528 *Neanura persimilis* Mills
[Collembola: Poduridae]
- 2529 *Microsynamma bohemani* (Fallen)
[Hemiptera: Miridae]
- 2530 *Deraeocoris nigrifrons* Knight
[Hemiptera: Miridae]
- 2531 *Halticus intermedius* Uhler
[Hemiptera: Miridae]
- 2532 *Lopidea ute* Knight [Hemiptera: Miridae]
- 2533 *Lygus distinguendus* Knight
[Hemiptera: Miridae]
- 2534 *Phytocoris interspersus* Uhler
[Hemiptera: Miridae]
- 2535 *Phytocoris laevis* (Uhler)
[Hemiptera: Miridae]
- 2536 *Psallus fuscopunctatus* [Hemiptera: Miridae]
- 2537 *Psallus cercocarpicola* [Hemiptera: Miridae]
- 2538 *Psallus vaccinicola* [Hemiptera: Miridae]
- 2539 *Capitophorus rusticatus* Knowlton & Smith [Homoptera: Aphididae]
- 2540 *Capitophorus feragaeus* Knowlton & Smith [Homoptera: Aphididae]
- 2541 *Capitophorus glandulosus*
(Kaltenbach) [Homoptera: Aphididae]
- 2542 *Capitophorus magnautensus* Knowlton & Smith [Homoptera: Aphididae]
- 2543 *Capitophorus utahensis* Pack & Knowlton [Homoptera: Aphididae]
- 2544 *Psiloptera webbi* LeConte
[Coleoptera: Buprestidae] Oviposition
Medium: Bark surfaces
- 2545 *Chrysobothris debilis* LeConte
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2546 *Chrysobothris axillaris* Horn
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2547 *Chrysobothris gemmata* LeConte
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2548 *Chrysobothris merkelii* Horn
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2549 *Actenodes calcarata* Chevrolat
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2550 *Tyndaris olneyae* Skinner
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2551 *Solenopsis molesta* Say (Bigelovia scale) [Hymenoptera: Formicidae]
- 2552 *Crematogaster lineolata* Say (Acrobat ant) [Hymenoptera: Formicidae]
Immature/Adult Guild: ?/Aphid farmer
- 2553 *Pheidole vinelandica longula* Emery
[Hymenoptera: Formicidae]
- 2554 *Camponotus hyatti* Emery
[Hymenoptera: Formicidae]
- 2555 *Lasius niger americanus* Emery
[Hymenoptera: Formicidae]
- 2556 *Solenopsis molesta validuscula* Emery
[Hymenoptera: Formicidae]
- 2557 *Camponotus maculatus vicinus-nitidiventris* Emery (Maculate carpenter ant) [Hymenoptera: Formicidae]
- 2558 *Formica neogagates neogagates* Emery
[Hymenoptera: Formicidae]
- 2559 *Leptothorax curvispinosus rugatulus* Emery [Hymenoptera: Formicidae]
- 2560 *Lasius umbratus mixtus aphidicola* Walsh [Hymenoptera: Formicidae]
- 2561 *Formica sanguinea subnuda* Emery
(Sanguinary ant) [Hymenoptera: Formicidae]

- 2562 *Trirhabda attenuata* (Say)
[Coleoptera: Chrysomelidae]
- 2563 *Filatima* spp. [Lepidoptera: Tortricidae]
- 2564 *Anacamptodes clivinaria*
[Lepidoptera: Geometridae]
- 2565 *Eutettix tenella* Baker (Sugar beet leafhopper) [Homoptera: Cicadellidae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 2566 *Macrosiphum longipes* Gillette & Palmer [Homoptera: Aphididae]
- 2567 *Macrosiphum glabrum* Gillette & Palmer [Homoptera: Aphididae]
- 2568 *Anuraphis minutissima* Gillette & Palmer [Homoptera: Aphididae]
- 2569 *Anuraphis filifoliae* Gillette & Palmer [Homoptera: Aphididae]
- 2570 *Anuraphis canae* Will. [Homoptera: Aphididae]
- 2571 *Anuraphis hermistonii* Wilson [Homoptera: Aphididae]
- 2572 *Xenylla maritima* Tullberg (Maritime springtail) [Collembola: Poduridae]
- 2573 *Pseudanurophorus* spp. [Collembola: Isotomidae]
- 2574 *Proisotoma decemoculata* Folsom [Collembola: Isotomidae]
- 2575 *Euthiscia tuberculata* Van Duzee [Homoptera: Fulgoridae]
- 2576 *Osbornia arborea* Ball [Homoptera: Fulgoridae]
- 2577 *Aphelonema solitaria* Ball [Homoptera: Fulgoridae]
- 2578 *Capitophorus brevinectarius* Gillette & Palmer [Homoptera: Aphididae]
- 2579 *Capitophorus heterohirsutus* Gillette & Palmer [Homoptera: Aphididae]
- 2580 *Capitophorus longinectarius* Gillette & Palmer [Homoptera: Aphididae]
- 2581 *Kakimia cerei* Gillette & Palmer [Homoptera: Aphididae]
- 2582 *Amphorophora brevitarsis* Gillette & Palmer [Homoptera: Aphididae]
- 2583 *Agrilus vittaticollis* (Randall) [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2584 *Magdalis salicis* Horn [Coleoptera: Curculionidae]
- 2585 *Prociphilus alnifoliae alnifoliae* (Williams) [Homoptera: Aphididae]
- 2586 *Phenacoccus dearnessi* King [Homoptera: Coccidae]
- 2587 *Apteronia helix* Siedbold [Lepidoptera: Psychidae]
- 2588 *Archips cerasivorana* (Fitch) (Cherry tree tortrix) [Lepidoptera: Tortricidae]
- 2589 *Acmaeodera nexa* Fall [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2590 *Acmaeodera angelica* Fall [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2591 *Acmaeodera mariposa* Horn [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2592 *Acmaeodera vandykei* Fall [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2593 *Acmaeodera sinuata sexnotata* Van Dyke [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2594 *Anthaxia deleta deleta* LeConte [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2595 *Anoplodera crassipes* LeConte [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2596 *Asphondylia ceanothi* Felt [Coleoptera: Cecidomyiidae]
- 2597 *Euschistus conspersus* Uhler (Conspense stink bug) [Hemiptera: Pentatomidae] Immature/Adult Guild: Fruit feeder/?
- 2598 *Holcostethus abbreviatus* (Uhler) [Hemiptera: Pentatomidae]
- 2599 *Corythucha obliqua* Osborn & Drake (Ceanothus tingid) [Hemiptera: Tingidae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2600 *Aphis ceanothi* Clarke (Ceanothus aphid) [Homoptera: Aphididae] Immature/Adult Guild: Sap feeder: leaves,limbs,twigs/Sap feeder: leaves,limbs,twigs
- 2601 *Clastoptera ovata* Doering [Homoptera: Cercopidae]
- 2602 *Pseudococcus maritimus* (Ehrhorn) (Baker's or grape mealybug) [Homoptera: Coccidae]

- 2603 *Puto albicans* McKenzie [Homoptera: Coccidae]
- 2604 *Rhizoecus bicirculus* McKenzie [Homoptera: Coccidae]
- 2605 *Spilococcus ceanothi* McKenzie [Homoptera: Coccidae]
- 2606 *Spilococcus quercinus* McKenzie [Homoptera: Coccidae]
- 2607 *Arytaina robusta* Crawford [Homoptera: Psyllidae]
- 2608 *Zaraea americana* Cresson [Hymenoptera: Cimbicidae]
- 2609 *Itame quadrilineata* (Packard) [Lepidoptera: Geometridae]
- 2610 *Nematocampa filamentaria* Gn. [Lepidoptera: Geometridae]
- 2611 *Scopula junctaria quinquelinearia* (Packard) [Lepidoptera: Geometridae]
- 2612 *Archips argyrospilus* (Walker) (Fruit tree leaf roller) [Lepidoptera: Tortricidae]
- 2613 *Acmaeodera knowltoni* Barr [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2614 *Acmaeodera idahoensis* Fall [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2615 *Anthaxia simiola* Casey [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2616 *Microphyllelus* spp. [Hemiptera: Miridae]
- 2617 *Psallus alnicola* Douglas & Scott [Hemiptera: Miridae]
- 2618 *Platypedia putnami* (Uhler) (Putnam's cicada) [Hemiptera: Pentatomidae]
- 2619 *Euphalerus adustus* Tuthill [Homoptera: Psyllidae]
- 2620 *Psylla acuta* Crawford [Homoptera: Psyllidae]
- 2621 *Psylla magna* Crawford [Homoptera: Psyllidae]
- 2622 *Marmopteryx animata* Pears. [Lepidoptera: Geometridae]
- 2623 *Acmaeodera purshiae* Fisher [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2624 *Chrysobothris deleta* LeConte [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2625 *Altica bimarginata* Say [Coleoptera: Chrysomelidae] Immature/Adult Guild: Skeletonizer/Bud feeder, leaf perforator Overwintering Stage: Adults Oviposition Medium: Leaf, stem surfaces Generations Per Year: 1
- 2626 *Cryptocephalus sanguinicollis sanguinicollis* Suffrian [Coleoptera: Chrysomelidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2627 *Chrysomela lineatopunctata* Forster [Coleoptera: Chrysomelidae]
- 2628 *Triglyphulus* spp. [Coleoptera: Curculionidae]
- 2629 *Dasineura* spp. [Coleoptera: Cecidomyiidae]
- 2630 *Platypedia* spp. (Woodland cicadas) [Homoptera: Cicadidae]
- 2631 *Nysius angustatus* Uhler (False chinch bug) [Hemiptera: Lygaeidae]
- 2632 *Geocoris pullens* Stal (Big-eyed bug) [Hemiptera: Lygaeidae] Immature/Adult Guild: Predator/Predator
- 2633 *Adelphocoris rapidus* (Say) [Hemiptera: Miridae]
- 2634 *Atractotomus purshiae* Froeschner [Hemiptera: Miridae]
- 2635 *Capsus simulan* (Stal) [Hemiptera: Miridae]
- 2636 *Ceratocapsus* spp. [Hemiptera: Miridae]
- 2637 *Deraeocoris fulgidus* (Van Duzee) [Hemiptera: Miridae]
- 2638 *Labops hirtus* Knight [Hemiptera: Miridae]
- 2639 *Psallus pilosulus* (Uhler) [Hemiptera: Miridae]
- 2640 *Apateticus crocatus* Uhler (Yellow bug) [Hemiptera: Pentatomidae]
- 2641 *Brochymena quadripustulata* (Fabricius) (Rough stink bug) [Hemiptera: Pentatomidae] Immature/Adult Guild: Predator/Predator
- 2642 *Zicrona caerulea* (Linnaeus) [Hemiptera: Pentatomidae]
- 2643 *Eurygaster* spp. [Hemiptera: Scutelleridae]
- 2644 *Homaemus bijugis* Uhler (Bijugate shield bug) [Hemiptera: Scutelleridae]
- 2645 *Gargaphia opacula* Uhler [Hemiptera: Tingidae] Immature/Adult Guild: Sap feeder/Sap feeder

- 2646 *Macrosiphum avenae* (Fabricius)
[Homoptera: Aphididae]
- 2647 *Macrosiphum purshiae* Palmer
[Homoptera: Aphididae]
- 2648 *Aphrophora permutata* Uhler (Rhubarb spittlebug) [Homoptera: Cercopidae]
- 2649 *Erhthroneura* spp. [Homoptera: Cicadellidae]
- 2650 *Gyponana* spp. [Homoptera: Cicadellidae]
- 2651 *Neocoelidia* spp. [Homoptera: Cicadellidae]
- 2652 *Osbornellus borealis* DeLong & Mohr
[Homoptera: Cicadellidae]
- 2653 *Paraphlepsius* spp. [Homoptera: Cicadellidae]
- 2654 *Scaphytopius* spp. [Homoptera: Cicadellidae] Immature/Adult Guild: Stem feeder/Stem feeder
- 2655 *Anisococcus quercus* (Ehrhorn)
[Homoptera: Coccidae]
- 2656 *Phenacoccus eriogoni* Ferris
[Homoptera: Coccidae]
- 2657 *Arytaina pubescens* Crawford
[Homoptera: Psyllidae]
- 2658 *Psylla hirsuta* (Tuthill) [Homoptera: Psyllidae]
- 2659 *Psylla media* Tuthill [Homoptera: Psyllidae]
- 2660 *Crambus plumbifimbriellus* Dyar
[Lepidoptera: Pyralidae]
- 2661 *Filatima* nr. *abactella*
[Lepidoptera: Gelechiidae]
- 2662 *Chlorosea margaretaria* Sperry
[Lepidoptera: Geometridae]
- 2663 *Chlorosea nevadaria* Packard
[Lepidoptera: Geometridae]
- 2664 *Itame colata* (Grote) [Lepidoptera: Geometridae]
- 2665 *Marmopteryx marmorata* Packard
[Lepidoptera: Geometridae]
- 2666 *Semiothisa californiaria* (Packard)
[Lepidoptera: Geometridae]
- 2667 *Semiothisa denticulata sexpuncta* Bates [Lepidoptera: Geometridae]
- 2668 *Ephesiodes erythrella* Ragonot
[Lepidoptera: Pyralidae]
- 2669 *Myelopsis conielia* (Ragonot)
[Lepidoptera: Pyralidae]
- 2670 *Choristoneura rosaceana* (Harr.)
[Lepidoptera: Tortricidae]
- 2671 *Sparganothis tunicana* (Wism.)
[Lepidoptera: Tortricidae]
- 2672 *Trachoma walsinghamiella* Bsk.
[Lepidoptera: Yponomeutidae]
- 2673 *Melanoplus sanguinipes sanguinipes* (Fabricius) [Orthoptera: Acrididae]
- 2674 *Oedaleonotus enigma* (Scudder)
(Valley grasshopper) [Orthoptera: Acrididae]
- 2675 *Schistocerca lineata* Scudder
[Orthoptera: Acrididae]
- 2676 *Agrilus politus* Say [Orthoptera: Acrididae]
- 2677 *Buprestis langi* Mann. [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2678 *Chrysobothris azurea* LeConte
[Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2679 *Chrysobothris femorata* Olivier
(Flat-headed apple tree borer)
[Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2680 *Poecilonota fraseri* Chamberlin
[Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 2681 *Anoplodera aspera* (LeConte)
[Coleoptera: Cerambycidae]
- 2682 *Dendrobias mandibularis reductus* Casey [Coleoptera: Cerambycidae]
- 2683 *Hyperplatys* spp. [Coleoptera: Cerambycidae]
- 2684 *Ipochus fasciatus* LeConte
[Coleoptera: Cerambycidae]
- 2685 *Malacopterus tenellus* (Fabricius)
[Coleoptera: Cerambycidae]
- 2686 *Necydalis diversicollis* Schaeffer
[Coleoptera: Cerambycidae]
- 2687 *Oberea quadricallosa* LeConte
(Cottonwood twig borer) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: live wood/?
- 2688 *Phymatodes blandus* (LeConte)
[Coleoptera: Cerambycidae] Immature/Adult Guild: Stem borer/?
- 2689 *Saperda* spp. [Coleoptera: Cerambycidae]
- 2690 *Stenosphenus nigricornis* Fisher
[Coleoptera: Cerambycidae]

- 2691 *Stenosphenus debilis* Horn
[Coleoptera: Cerambycidae]
- 2692 *Synaphaeta guexi* (LeConte) (Spotted tree borer) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer: dead, injured wood/?
- 2693 *Xylotrechus insignis* (LeConte)
[Coleoptera: Cerambycidae]
- 2694 *Xylotrechus mormonus* (LeConte)
[Coleoptera: Cerambycidae]
- 2695 *Xylotrechus nunenmacheri* Van Dyke
[Coleoptera: Cerambycidae]
- 2696 *Calligrapha verrucosa* (Suffr.)
[Coleoptera: Chrysomelidae]
- 2697 *Chrysomela confluens* Rogers
[Coleoptera: Chrysomelidae]
- 2698 *Anthonomus haematopus* Boh.
[Coleoptera: Curculionidae]
- 2699 *Magdalis gracilis* LeConte (Black fruit-tree weevil) [Coleoptera: Curculionidae] Immature/Adult Guild: Bud, flower, fruit feeder/?
- 2700 *Cryptarcha ampla* Er. [Coleoptera: Nitidulidae]
- 2701 *Lobiopa undulata* (Say) [Coleoptera: Nitidulidae]
- 2702 *Cryphalus nitidus* (Sw.) [Coleoptera: Scolytidae]
- 2703 *Xyleborus saxeseni* (Ratz.) (Lesser shothole borer) [Coleoptera: Scolytidae]
- 2704 *Xyleborus dispar* (Fabricius) (European shothole borer) [Coleoptera: Scolytidae]
- 2705 *Agromyza* spp. [Diptera: Agromyzidae]
- 2706 *Mayetiola rigidae* (Osten Sacken)
[Diptera: Cecidomyiidae]
- 2707 *Rhabdophaga* spp. [Diptera: Cecidomyiidae]
- 2708 *Corythucha salicata* Gibson (Western willow tingid) [Hemiptera: Tingidae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 2709 *Pseudococcus obscurus* Essig (Baker's or grape mealybug) [Homoptera: Coccidae]
- 2710 *Arge clavicornis* (Fabricius)
[Hymenoptera: Argidae]
- 2711 *Cimbex americana* Leach (Elm sawfly)
[Hymenoptera: Cimbicidae] Immature/Adult Guild: Girdler/? Overwintering Stage: Larvae
- 2712 *Caliroa labrata* MacGillivray
[Hymenoptera: Tenthredinidae]
- 2713 *Euura breweriae* E.L. Smith
[Hymenoptera: Tenthredinidae]
- 2714 *Euura exiguae* E.L. Smith
[Hymenoptera: Tenthredinidae]
- 2715 *Euura geyerianae* E.L. Smith
[Hymenoptera: Tenthredinidae]
- 2716 *Euura lasiolepis* E.L. Smith
[Hymenoptera: Tenthredinidae]
- 2717 *Euura lemmoniae* E.L. Smith
[Hymenoptera: Tenthredinidae]
- 2718 *Euura scoulerianae* E.L. Smith
[Hymenoptera: Tenthredinidae]
- 2719 *Messa wuestneii* (Kunow)
[Hymenoptera: Tenthredinidae]
- 2720 *Nematus chalceus* (Marlatt)
[Hymenoptera: Tenthredinidae]
- 2721 *Nematus occidentalis* (Marlatt)
[Hymenoptera: Tenthredinidae]
- 2722 *Nematus oligospilus* Foerster
[Hymenoptera: Tenthredinidae]
- 2723 *Phyllocolpa* spp. [Hymenoptera: Tenthredinidae]
- 2724 *Pontania californica* Marlatt (Willow leaf gall sawfly) [Hymenoptera: Tenthredinidae] Immature/Adult Guild: Gall former: leaves/?
- 2725 *Pontania pacifica* Marlatt
[Hymenoptera: Tenthredinidae]
- 2726 *Pristiphora* spp. [Hymenoptera: Tenthredinidae]
- 2727 *Trichiocampus irregularis* (Dyar)
[Hymenoptera: Tenthredinidae]
- 2728 *Aegeria tibialis pacifica* (Hy. Edw.) (Pacific poplar moth) [Lepidoptera: Sesiidae] Immature/Adult Guild: Wood borer/?
- 2729 *Synanthedon albicornis* (Hy. Edw.)
[Lepidoptera: Sesiidae]
- 2730 *Prionoxystus robiniae* (Peck) (Carpenter worm) [Lepidoptera: Cossidae]
Immature/Adult Guild: Wood borer/?
Generations Per Year: 1/3
- 2731 *Hemileuca maia* (Drury) (Buck moth)
[Lepidoptera: Saturniidae]
- 2732 *Hemileuca nevadensis* Stretch (Nevada buck moth) [Lepidoptera: Saturniidae]
Immature/Adult Guild: Leaf feeder/?
- 2733 *Puto yuccae* Coquillett (Yucca mealybug) [Homoptera: Coccidae]

- 2734 *Cimbex pacifica* Cresson (Pacific sawfly) [Hymenoptera: Cimbicidae]
- 2735 *Melanoplus bivittatus* (Say) (Two-striped grasshopper) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2736 *Anthaxia* spp. [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer, girdler/Flower, leaf feeder
Oviposition Medium: Bark surfaces
- 2737 *Eutreta* spp. (Gall forming fruit flies) [Diptera: Tephritidae]
Immature/Adult Guild: Gall former/Gall former
- 2738 *Hemileuca hera hera* (=Pseudohazis) (Harris) (Great Basin day moth) [Lepidoptera: Saturniidae]
Immature/Adult Guild: Leaf feeder/?
- 2739 *Hemileuca nuttalli nuttalli* (=Pseudohazis) (Strecker) (Nuttall's day moth) [Lepidoptera: Saturniidae]
Immature/Adult Guild: Leaf feeder/?
- 2740 *Trirhabda lewisii* Crotch [Coleoptera: Chrysomelidae]
Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2741 *Aciurina* spp. (Gall forming fruit flies) [Diptera: Tephritidae]
Immature/Adult Guild: Gall former/Gall former
- 2742 *Dicerca pectorosa* LeConte [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/Bark, leaf feeder
Oviposition Medium: Bark surfaces
- 2743 *Malacosoma constrictum* (Henry Edwards) (Pacific tent caterpillar) [Lepidoptera: Lasiocampidae]
Immature/Adult Guild: Leaf feeder/?
- 2744 *Desmocerus* spp. (Elderberry longhorned borers) [Coleoptera: Cerambycidae] Immature/Adult Guild: Root, stem borer/?
- 2745 *Melanoplus devastator* Scudder (Devastating grasshopper) [Orthoptera: Acrididae]
- 2746 *Anacamptodes* spp. [Lepidoptera: Geometridae]
- 2747 *Anthaxia aeneogaster* Castelnau & Gory (Common anthaxia) [Coleoptera: Buprestidae] Immature/Adult Guild: Girdler/? Oviposition Medium: Bark surfaces
- 2748 *Chlorochroa* spp. (Green stink bugs) [Hemiptera: Pentatomidae]
- 2749 *Hemerocampa* spp. [Lepidoptera: Liparidae]
- 2750 *Hemerocampa vetusta* Boisduvall [Lepidoptera: Liparidae] Immature/Adult Guild: Fruit, leaf feeder/? Overwintering Stage: Eggs Oviposition Medium: Bark, old cocoons Generations Per Year: 1
- 2751 *Bucculatrix tridenticola* Braun (Sagebrush leaf miner) [Lepidoptera: Lyonetiidae] Immature/Adult Guild: Leaf miner/?
- 2752 *Rhopalomyia navasi* Travares [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 2753 *Rhopalomyia ampullaris* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 2754 *Diarthronomyia occidentalis* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 2755 *Diarthronomyia artemisiae* Felt (Artemisia gall midge) [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 2756 *Cecidomyia* spp. [Diptera: Cecidomyiidae]
- 2757 *Metatephritis fenestrata* Foote [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 2758 *Melipotis fasciolaris* Hubner [Lepidoptera: Noctuidae]
- 2759 *Capnobotes fuliginosus* (Thomas) [Orthoptera: Tettigoniidae]
Immature/Adult Guild: Leaf feeder/?
- 2760 *Bruchus amicus* Horn [Coleoptera: Bruchidae] Immature/Adult Guild: Internal seed feeder/?
- 2761 *Aneflus protensus* LeConte (Mesquite branch borer) [Coleoptera: Buprestidae]
Immature/Adult Guild: Wood borer/?
Oviposition Medium: Bark surfaces
- 2762 *Kalotermea simplicornia* (Banks) (Desert damp-wood termite) [Isoptera: Kalotermitidae] Immature/Adult Guild: Termite/?
- 2763 *Toumeyella mirabilis* Cockerell [Homoptera: Coccidae] Immature/Adult Guild: Sap feeder/?
- 2764 *Amphicerus punctipennis* LeConte (Western twig borer) [Coleoptera: Bostrichidae] Immature/Adult Guild: Wood borer/?
- 2765 *Diapheromera veliei veliei* Walsh (Velie's walkingstick) [Orthoptera: Phasmatidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

- 2766 *Diapheromera covilleae* R. & H.
[Orthoptera: Phasmatidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 2767 *Boottettix argentatus argentinus*
Bruner (Creosote locust) [Orthoptera:
Acrididae] Immature/Adult Guild: Leaf
feeder/Leaf feeder
- 2768 *Tachardiella larreae* (Comstock)
(Creosote lac scale) [Homoptera:
Lacciferidae] Immature/Adult Guild: Sap
feeder/Sap feeder
- 2769 *Dactylopius coccus* Costa [Homoptera:
Dactylopiidae]
- 2770 *Melitara prodenialis* Walker
[Lepidoptera: Pyralidae]
- 2771 *Olycella junctolinea* (Hulst) (Blue
cactus borer) [Lepidoptera: Pyralidae]
Immature/Adult Guild: Stem borer/?
- 2772 *Chelinidea tabulata* (Burmeister)
(Cactus joint bug) [Hemiptera: Coreidae]
Immature/Adult Guild: Sap feeder/Sap
feeder Oviposition Medium: Cactus spines
- 2773 *Chelinidea vittiger* Uhler [Hamlin]
[Hemiptera: Coreidae] Immature/Adult
Guild: Sap feeder/Sap feeder
- 2774 *Moneilema annulata* Say [Coleoptera:
Cerambycidae] Immature/Adult Guild: Stem
borer/Cactus joint feeder
- 2775 *Gelechia* spp. [Lepidoptera:
Gelechiidae]
- 2776 *Tetrastichus nr. hibus*
[Hymenoptera: Eulophidae] Immature/Adult
Guild: Endoparasite/?
- 2777 *Eupelmus cyaniceps utahensis* Girault
[Hymenoptera: Eupelmidae] Immature/Adult
Guild: Endoparasite/?
- 2778 *Brachyrhinus ovatus* (Linnaeus)
(Strawberry root weevil) [Coleoptera:
Curculionidae] Immature/Adult Guild:
Root feeder/Fruit, leaf feeder
- 2779 *Tetrastichus diarthronomyiae* Gahan
[Hymenoptera: Eulophidae] Immature/Adult
Guild: Endoparasite/?
- 2780 *Torymus nr. hircinus* Ashmead
[Hymenoptera: Torymidae] Immature/Adult
Guild: Endoparasite/?
- 2781 *Drosophila pseudoobscura* [Diptera:
Drosophilidae]
- 2782 *Drosophila hamatofila* [Diptera:
Drosophilidae]
- 2783 *Schistocerca obscura* Fabricius
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 2784 *Asilus occidentalis* Hine [Diptera:
Asilidae]
- 2785 *Uclesia* spp. [Diptera: Tachinidae]
- 2786 *Emblethus vicarius* Horv. [Hemiptera:
Lygaeidae]
- 2787 *Spacophilus* spp. [Hymenoptera:
Argidae]
- 2788 *Xyalophora quinquelineata* (Say)
[Hymenoptera: Cynipidae]
- 2789 *Cratacanthus dubinus* Beauv.
[Coleoptera: Carabidae]
- 2790 *Cremastocheilus knocki* LeConte
[Coleoptera: Scarabaeidae]
- 2791 *Cicindella formosa formosa* Say
[Coleoptera: Cicindelidae]
- 2792 *Conoderus auritus* Hbst. [Coleoptera:
Elateridae]
- 2793 *Aleochara montanicus* Csy.
[Coleoptera: Staphylinidae]
- 2794 *Xenodusa reflexa* Walker [Coleoptera:
Staphylinidae]
- 2795 *Eleodes tricolorata robusta* Blais.
[Coleoptera: Tenebrionidae]
- 2796 *Bruchus cruentatus* Horn [Coleoptera:
Bruchidae]
- 2797 *Bruchus desertorum* LeConte
[Coleoptera: Bruchidae]
- 2798 *Bruchus discolor* Horn [Coleoptera:
Bruchidae]
- 2799 *Bruchus exiguus* Horn [Coleoptera:
Bruchidae]
- 2800 *Bruchus mimus* Horn [Coleoptera:
Bruchidae]
- 2801 *Bruchus prosopis* LeConte
[Coleoptera: Bruchidae]
- 2802 *Bruchus protractus* Horn [Coleoptera:
Bruchidae]
- 2803 *Bruchus sallaei* Shp. [Coleoptera:
Bruchidae]
- 2804 *Bruchus uniformis* LeConte
[Coleoptera: Bruchidae]
- 2805 *Bruchus* spp. [Coleoptera:
Bruchidae]
- 2806 *Dactylopius* spp. [Homoptera:
Dactylopiidae]
- 2807 *Morsea californica dumicola* Rehn &
Hebd. (Chaparral grasshopper)
[Orthoptera: Acrididae]

- 2808 *Anconia integra* Sc. (Alkali grasshopper) [Orthoptera: Acrididae]
- 2809 *Taeniopoda eques* Burm. (Colonel) [Orthoptera: Acrididae]
- 2810 *Aeoloplus chenopodii* Br. (Salt-bush grasshopper) [Orthoptera: Acrididae]
- 2811 *Aeoloplus tenuipennis* Sc. (Athletic grasshopper) [Orthoptera: Acrididae]
- 2812 *Poecilotettix sanguineus* Sc. (Red-lined grasshopper) [Orthoptera: Acrididae]
- 2813 *Perixerus gloriosus* Hebd. (Gloriosa grasshopper) [Orthoptera: Acrididae]
- 2814 *Bradynotes kaibab* Hebd. (Brownie grasshopper) [Orthoptera: Acrididae]
- 2815 *Melanoplus desultorius* Rehn (Red whiskers) [Orthoptera: Acrididae]
- 2816 *Melanoplus herbaceus* Br. (Arrow-weed grasshopper) [Orthoptera: Acrididae]
- 2817 *Chelinidea vittiger aequoris* McAtee [Hemiptera: Coreidae]
- 2818 *Chelinidea canyona* Hamlin [Hemiptera: Coreidae]
- 2819 *Oncideres texana* Horn (Texas twig girdler) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer, girdler/?
- 2820 *Oncideres quercus* Skinner (Arizona oak girdler) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer, girdler/?
- 2821 *Oncideres cingulata* (Say) (Twig girdler) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer, girdler/?
- 2822 *Poliaenus negundo* Schaeffer [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 2823 *Brachystola magna* (Girard) (Western lubber or jumbo grasshopper) [Orthoptera: Acrididae]
- 2824 *Aulocara deorum* (Scudder) [Orthoptera: Acrididae]
- 2825 *Schistocerca damnifica* (Saussure) [Orthoptera: Acrididae]
- 2826 *Schistocerca alutacea* (Harris) [Orthoptera: Acrididae]
- 2827 *Pterophylla* spp. [Orthoptera: Tettigoniidae]
- 2828 *Microcentrum rhombifolium* (Saussure) [Orthoptera: Tettigoniidae]
- 2829 *Apote notabilis* Scudder (Notable shield bearer) [Orthoptera: Tettigoniidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2830 *Trimerotropis caeruleipennis* Bruner [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2831 *Conozoa wallula* (Scudder) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2832 *Melanoplus cinereus* Scudder (Rusty locust) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2833 *Melanoplus yarrowii* (Thomas) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2834 *Aedes aegypti* (Linnaeus) (Yellow-fever mosquito) [Diptera: Culicidae] Immature/Adult Guild: ?/Animal disease vector
- 2835 *Acanthoscelides floridae* (Horn) [Coleoptera: Bruchidae] Immature/Adult Guild: Internal seed feeder/?
- 2836 *Walshia amorphella* (Clem.) (False indigo gall moth) [Lepidoptera: Pterophoridae] Immature/Adult Guild: Gall former/?
- 2837 *Microgaster ecdytolophae* Mues. [Hymenoptera: Braconidae] Immature/Adult Guild: Endoparasite/?
- 2838 *Prisotmerus euryptychiae* Ashmead [Hymenoptera: Ichneumonidae] Immature/Adult Guild: Endoparasite/?
- 2839 *Horismenus missouriensis* (Ashmead) [Hymenoptera: Eulophidae] Immature/Adult Guild: Endoparasite/?
- 2840 *Eupelmus cyaniceps amicus* (Gir.) [Hymenoptera: Eupelmidae] Immature/Adult Guild: Endoparasite/?
- 2841 *Dolichomitus messor sparsus* Townes [Hymenoptera: Ichneumonidae] Immature/Adult Guild: Endoparasite/?
- 2842 *Euderus argyresthiae* (Crawford) [Hymenoptera: Eulophidae] Immature/Adult Guild: Endoparasite/?
- 2843 *Odinia xanthocera* Collin [Diptera: Odiniidae]
- 2844 *Polycesta arizonica* Schaeffer [Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2845 *Arethaca ambulator* Hebard [Orthoptera: Tettigoniidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

- 2846 *Pediodes haldemanii* (Girard)
[Orthoptera: Tettigoniidae]
Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2847 *Drosophila melanogaster* [Diptera: Drosophilidae]
- 2848 *Chrysobothris cyanella* Horn
[Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 2849 *Melanoplus ponderosus ponderosus* Scudder [Orthoptera: Acrididae]
Immature/Adult Guild: Flower, fruit feeder/Flower, fruit feeder
- 2850 *Campylacantha olivacea olivacea* (Scudder) [Orthoptera: Acrididae]
Immature/Adult Guild: Flower, fruit feeder/Flower, fruit feeder
- 2851 *Trimerotropis pistrinaria* Saussure [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2852 *Paraidemona punctata* (Stal) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2853 *Melanoplus texanus* Scudder [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2854 *Dactylotum pictum* (Thomas) (Barber pole grasshopper) [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2855 *Hesperotettix speciosus* (Scudder) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2856 *Hypochlora alba* (Dodge) [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2857 *Dasyneura lupini* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 2858 *Asphondylia shepherdiae* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 2859 *Glaucopsyche lygdamus* (Doubleday) [Lepidoptera: Lycaenidae] Immature/Adult Guild: Flower feeder/?
- 2860 *Phaonia* spp. [Diptera: Muscidae]
- 2861 *Thoracaphis distyliifoliae* Takahashi [Homoptera: Aphididae]
- 2862 *Thoracaphis cuspidata* (Essig & Kuwana) [Homoptera: Aphididae]
- 2863 *Thoracaphis quercicola* Takahashi [Homoptera: Aphididae]
- 2864 *Thoracaphis umbellulariae* Essig [Homoptera: Aphididae]
- 2865 *Papilio eurymedon* Boisduvall or Lucas (?) (Eurymedon) [Lepidoptera: Papilionidae]
- 2866 *Papilio indra indra* Reakirt [Lepidoptera: Papilionidae]
- 2867 *Papilio bairdii* W.H. Edwards [Lepidoptera: Papilionidae]
- 2868 *Papilio oregonius* Edwards [Lepidoptera: Papilionidae]
- 2869 *Halictus aberrans* Crawford [Hymenoptera: Halictidae]
- 2870 *Asterolecanium arabidis* (Signoret) (Pit-making pittosporum scale) [Homoptera: Coccidae]
- 2871 *Periploca ceanothiella* (Cosens) (Ceanothus stem-gall moth) [Lepidoptera: Gelechiidae]
- 2872 *Pristomerus baumhoferi* Cush. [Hymenoptera: Ichneumonidae]
Immature/Adult Guild: Endoparasite/?
- 2873 *Scambus aplopappi* (Ashmead) [Hymenoptera: Ichneumonidae]
Immature/Adult Guild: Endoparasite/?
- 2874 *Apistephialtes nucicola* (Cush.) [Hymenoptera: Ichneumonidae]
Immature/Adult Guild: Endoparasite/?
- 2875 *Gargaphia angulata* Heidemann (Angulate tingid) [Hemiptera: Tingidae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 2876 *Gargaphia solani* Heidemann (Eggplant lacebug) [Hemiptera: Tingidae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 2877 *Gargaphia iridescens* Champion (Iridescent lacebug) [Hemiptera: Tingidae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2878 *Pelecyphorus* spp. (Darkling beetles) [Coleoptera: Tenebrionidae]
- 2879 *Stenomorpha puncticollis* LeConte [Coleoptera: Tenebrionidae]
- 2880 *Schizura ipomaeae* Doubleday [Lepidoptera: Notodontidae]
Immature/Adult Guild: Leaf feeder/?
- 2881 *Psylla uncatoides* (Ferris & Klyver) [Homoptera: Psyllidae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2882 *Metcalfa pruinosa* (Say) [Homoptera: Flatidae] Immature/Adult Guild: Sap feeder/Sap feeder

2883 *Psilodryinus typhlocybae* (Ashmead)
[Hymenoptera: Dryinidae] Immature/Adult
Guild: Endoparasite/?

2884 *Labeo typhlocybae* Ashmead
[Hymenoptera: Dryinidae] Immature/Adult
Guild: Endoparasite/?

2885 *Nepticula ceanothi* Braun (*Ceanothus*
leaf miner) [Lepidoptera: Nepticulidae]
Immature/Adult Guild: Leaf miner/?

2886 *Plebejus icarioides* (Boisduval)
(Blue butterfly) [Lepidoptera:
Lycaenidae] Immature/Adult Guild: Leaf
feeder/?

2887 *Eumysia* spp. (Snout moth)
[Lepidoptera: Pyralidae]

2888 *Parabacillus coloradus* (Scudder)
[Orthoptera: Phasmatidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

2889 *Pseudosermyle straminea* (Scudder)
[Orthoptera: Phasmatidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

2890 *Derotmema haydenii haydenii* (Walsh)
[Orthoptera: Phasmatidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

2891 *Mestobregma plattei corrugata*
(Scudder) [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder

2892 *Trimerotropis texana* (Bruner)
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

2893 *Trimerotropis gracilis gracilis*
(Thomas) [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder

2894 *Trimerotropis laticincta* Saussure
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

2895 *Trimerotropis sparsa* (Thomas)
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

2896 *Hesperotettix viridis viridis*
(Thomas) [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder

2897 *Melanoplus bowditchi bowditchi*
Scudder [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder

2898 *Eremopedes scudderi* Cockerell
[Orthoptera: Tettigoniidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder

2899 *Oecanthus californicus pictipennis*
Hebard [Orthoptera: Gryllidae]

Immature/Adult Guild: Leaf feeder/Leaf
feeder

2900 *Epochra canadensis* (Loew) (Currant
or gooseberry fruit fly) [Diptera:
Tephritidae] Immature/Adult Guild: Fruit
feeder/? Overwintering Stage: Pupae in
soil Oviposition Medium: Fruit
Generations Per Year: 1

2901 *Rhagoletis pomonella* (Walsh) (Apple
maggot or blueberry maggot) [Diptera:
Tephritidae] Immature/Adult Guild: Fruit
feeder/?

2902 *Cryptorrhynchus lapathi* Linnaeus
(Poplar and willow borer) [Coleoptera:
Curculionidae] Immature/Adult Guild:
Wood borer/?

2903 *Spharagemon inornatum* Morse
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder

2904 *Evyllaesus galpinsiae* Cockerell
[Hymenoptera: Halictidae] Immature/Adult
Guild: ?/Nectar, pollen feeder

2905 *Desmocerus piperi* Webb [Coleoptera:
Cerambycidae] Immature/Adult Guild:
Root, stem borer/?

2906 *Stictocephala festina* Say (Three-
cornered alfalfa hopper) [Homoptera:
Membracidae] Immature/Adult Guild: Sap
feeder/Sap feeder

2907 *Archips negundanus* (Dyar)
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?

2908 *Drosophila* spp. [Diptera:
Drosophilidae]

2909 *Coleophora atriplicivora* Cockerell
(*Atriplex* case-bearing moth)
[Lepidoptera: Coleophoridae]

2910 *Choristoneura fractivittana* Clemens
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?

2911 *Archips georgianus* Walker
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?

2912 *Choristoneura parallela* Robinson
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?

2913 *Choristoneura obsoletana* Walker
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?

2914 *Pandemus pyrusana* Kearfott
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?

2915 *Clepsis persicana* Fitch
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?

- 2916 *Eutettix tenellus* (Baker) (Sugar beet leafhopper) [Homoptera: Cicadellidae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2917 *Orthezia* spp. [Homoptera: Ortheziidae] Immature/Adult Guild: Sap feeder/Sap feeder
- 2918 *Trissolcus* spp. [Hymenoptera: Scelionidae]
- 2919 *Dorymyrmex pyramicus* (Roger) [Hymenoptera: Formicidae]
- 2920 *Formica lasioides* Emery [Hymenoptera: Formicidae]
- 2921 *Agathis gibbosa* (Say) [Hymenoptera: Braconidae]
- 2922 *Coleophora sacramenta* (Heinrich) (California case-bearer) [Lepidoptera: Coleophoridae] Overwintering Stage: Larvae Generations Per Year: 1
- 2923 *Anacamptodes animata profanata* (Guen.) (Mountain mahogany looper) [Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
- 2924 *Eremopedes covillae* [Orthoptera: Tettigoniidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2925 *Paracyrtophyllus excelsus* (Rehn & Hebard) [Orthoptera: Tettigoniidae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 2926 *Scaphytopius acutus* (Say) [Homoptera: Cicadellidae] Immature/Adult Guild: Plant disease vector/Plant disease vector
- 2927 *Keonolla confluens* (Uhler) [Homoptera: Cicadellidae] Immature/Adult Guild: Plant disease vector/Plant disease vector
- 2928 *Platylyra californica* Scudder [Orthoptera: Tettigoniidae]
- 2929 *Forficula auricularis* Linnaeus [Dermaptera: Forficulidae]
- 2930 *Psocus confraternus* Banks [Psocoptera: Psocidae]
- 2931 *Caecilius* spp. [Psocoptera: Pseudocaeciliidae]
- 2932 *Liposcelis* spp. [Psocoptera: Trogiidae]
- 2933 *Taeniothrips ehrhorni* Moulton [Thysanoptera: Thripidae]
- 2934 *Isoneurothrips australis* Bagnall [Thysanoptera: Thripidae]
- 2935 *Leptothrips mali* (Fitch) [Thysanoptera: Phlaeothripidae]
- 2936 *Thyantia custator* (Fabricius) [Hemiptera: Pentatomidae]
- 2937 *Perillus splendidus* Uhler [Hemiptera: Pentatomidae]
- 2938 *Arhyssus crassus* Horvath [Hemiptera: Coreidae]
- 2939 *Rhyparochromus chiragra californica* Van Duzee [Hemiptera: Lygaeidae]
- 2940 *Pselliopus spinicollis* Champion [Hemiptera: Reduviidae]
- 2941 *Irbisia solani* Heidemann [Hemiptera: Miridae]
- 2942 *Irbisia californica* Van Duzee [Hemiptera: Miridae]
- 2943 *Irbisia* spp. [Hemiptera: Miridae]
- 2944 *Lygus sallei* Stal [Hemiptera: Miridae]
- 2945 *Parthenicus brunneus* Van Duzee [Hemiptera: Miridae]
- 2946 *Danepteryx manca* Uhler [Homoptera: Issidae]
- 2947 *Dictyobia* spp. [Homoptera: Issidae]
- 2948 *Oecleus* spp. [Homoptera: Cixiidae]
- 2949 *Cixius cultus* Ball (Cult fulgorid) [Homoptera: Cixiidae]
- 2950 *Okanagana vanduzeei* Distant [Homoptera: Cicadidae]
- 2951 *Ceresa franciscana* Stal [Homoptera: Membracidae]
- 2952 *Ceresa albidosparsa* Stal [Homoptera: Membracidae]
- 2953 *Stictocephalus pacifica* Van Duzee [Homoptera: Membracidae]
- 2954 *Philya californica* (Goding) [Homoptera: Membracidae]
- 2955 *Aphrophora* spp. [Homoptera: Cercopidae]
- 2956 *Tiaja californica* (Ball) [Homoptera: Cicadellidae]
- 2957 *Cochlorhinus pluto* Uhler [Homoptera: Cicadellidae]
- 2958 *Lystridea uhleri* (Baker) [Homoptera: Cicadellidae]
- 2959 *Pagaronia triunata* Ball [Homoptera: Cicadellidae]

- 2960 *Neokolla gothica* (Signoret)
[Homoptera: Cicadellidae]
- 2961 *Aceratagallia californica* (Baker)
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 2962 *Neocoelidia obscura* Baker
[Homoptera: Cicadellidae]
- 2963 *Empoasca cerea* DeLong [Homoptera:
Cicadellidae]
- 2964 *Stragania franciscana* (Baker)
[Homoptera: Cicadellidae]
- 2965 *Ballana mera* DeLong [Homoptera:
Cicadellidae]
- 2966 *Colladonus montanus* (Van Duzee)
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 2967 *Deltocephalus fuscinnervosus* Van
Duzee [Homoptera: Cicadellidae]
- 2968 *Euscelis schenkii* (Kirschbaum)
[Homoptera: Cicadellidae]
- 2969 *Paraphlepsius apertinus* Osborn &
Lathrop [Homoptera: Cicadellidae]
- 2970 *Paraphlepsius occidentalis* (Baker)
[Homoptera: Cicadellidae]
- 2971 *Trioza collaris* Crawford [Homoptera:
Chermidae]
- 2972 *Aleyrodes amnicola* Bemis [Homoptera:
Aleyrodidae]
- 2973 *Agalliopsis oculata* (Van Duzee)
[Homoptera: Cicadellidae]
- 2974 *Aleyrodes spiraeoides* Bemis or
Quaintance (Iris whitefly) [Homoptera:
Aleyrodidae]
- 2975 *Tetraleurodes errans* (Bemis) (Laurel
whitefly) [Homoptera: Aleyrodidae]
- 2976 *Lecanium corni* Bouche (Brown apricot
scale) [Homoptera: Coccidae]
- 2977 *Saissetia oleae* (Bernard) (Black
scale) [Homoptera: Coccidae]
- 2978 *Hemerobius pacificus* Banks
[Neuroptera: Hemerobiidae]
- 2979 *Eremochrysa californica* Banks
[Neuroptera: Chrysopidae]
- 2980 *Chrysopa cockerelli* Banks
[Neuroptera: Chrysopidae]
- 2981 *Chrysopa ploripunda* Fitch
[Neuroptera: Chrysopidae]
- 2982 *Mantispilla* spp. [Neuroptera:
Mantispidae]
- 2983 *Agulla adnixa* Hagen [Neuroptera:
Raphididae]
- 2984 *Agulla assimilis* (Albarda)
[Neuroptera: Raphididae]
- 2985 *Apterobittacus apterus* (McLachlan)
[Mecoptera: Bittacidae]
- 2986 *Peridroma margaritosa* (Haworth)
[Lepidoptera: Noctuidae]
- 2987 *Adelphagrotis indeterminata* Walker
[Lepidoptera: Noctuidae]
- 2988 *Tricholita chipeta endiva* Smith
[Lepidoptera: Noctuidae]
- 2989 *Dryotype opina* (Grote) [Lepidoptera:
Noctuidae]
- 2990 *Merochlora faseolaria* (Guenee)
[Lepidoptera: Geometridae]
- 2991 *Elpiste marcescaria* (Guenee)
[Lepidoptera: Geometridae]
- 2992 *Sablodes caberata* (Guenee)
[Lepidoptera: Geometridae]
- 2993 *Synaxis fuscata* Hulst [Lepidoptera:
Geometridae]
- 2994 *Prochoerodes truxaliata* (Guenee)
[Lepidoptera: Geometridae]
- 2995 *Oidaematophorus confusus* Braun
[Lepidoptera: Pterophoridae]
- 2996 *Oidaematophorus grandis* (Fish)
[Lepidoptera: Pterophoridae]
- 2997 *Argyrotaenia citrana* Fernald
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?
- 2998 *Henricus saxicolanus* (Walsingham)
[Lepidoptera: Phaloniidae]
- 2999 *Aristotelia argentifera* Busck
[Lepidoptera: Gelechiidae]
- 3000 *Recurvaria bacchariella* Keifer
[Lepidoptera: Gelechiidae]
- 3001 *Gnorimoschema baccharisella* Busck
(Strawberry crown miner) [Lepidoptera:
Gelechiidae] Immature/Adult Guild: Gall
former: stems/?
- 3002 *Coleophora viscidiflorella*
Walsingham [Lepidoptera: Coleophoridae]
- 3003 *Coleophora lynosyridella* Walsingham
[Lepidoptera: Coleophoridae]
- 3004 *Cremastobombycia solidaginis* (Frey &
Boll) [Lepidoptera: Gracilariidae]
- 3005 *Bucculatrix variabilis* Braun
[Lepidoptera: Lyonetiidae]

- 3006 *Oinophila v-flavum* (Haworth)
[Lepidoptera: Oinophilidae]
- 3007 *Lebia cyanipennis* DeJean
[Coleoptera: Carabidae]
- 3008 *Lebia cyanipennis ruficollis* LeConte
[Coleoptera: Carabidae]
- 3009 *Podabrus pruinosus* LeConte
[Coleoptera: Cantharidae]
- 3010 *Podabrus macer* LeConte [Coleoptera:
Cantharidae]
- 3011 *Podabrus modulatus* Fall [Coleoptera:
Cantharidae]
- 3012 *Cantharis divisus* LeConte
[Coleoptera: Cantharidae]
- 3013 *Cantharis ochropus* LeConte
[Coleoptera: Cantharidae]
- 3014 *Malachius horni* Fall [Coleoptera:
Melyridae]
- 3015 *Microlipus franciscanus* Fall
[Coleoptera: Melyridae]
- 3016 *Pseudebaeus bicolor* LeConte
[Coleoptera: Melyridae]
- 3017 *Attalus glabrellus* Fall [Coleoptera:
Melyridae]
- 3018 *Attalus lobulatus* LeConte
[Coleoptera: Melyridae]
- 3019 *Listus pardalis* Casey [Coleoptera:
Melyridae]
- 3020 *Phyllobaenus scabra* (LeConte)
[Coleoptera: Cleridae]
- 3021 *Phyllobaenus occidentalis* (Chapin)
[Coleoptera: Cleridae]
- 3022 *Pedius inconspicuus flavidus* Fall
[Coleoptera: Pedilidae]
- 3023 *Lappus nitidulus* LeConte
[Coleoptera: Anthicidae]
- 3024 *Limonius maculicollis* Motschulsky
[Coleoptera: Elateridae]
- 3025 *Dolopius lateralis* Eschscholtz
[Coleoptera: Elateridae]
- 3026 *Agriotes imperfectus* LeConte
[Coleoptera: Elateridae]
- 3027 *Cardiophorus tenebrosus flavipes*
LeConte [Coleoptera: Elateridae]
- 3028 *Dascillus davidsoni* LeConte
(Davidson's beetle) [Coleoptera:
Dascillidae] Immature/Adult Guild: Root
feeder/?
- 3029 *Cyphon concinnus* (LeConte)
[Coleoptera: Helodidae]
- 3030 *Byturus grisescens* Jayne
[Coleoptera: Byturidae]
- 3031 *Perimegatoma jaynei* Casey
[Coleoptera: Dermestidae]
- 3032 *Melanophthalma villosa* Zimmermann
[Coleoptera: Lathridiidae]
- 3033 *Hyperaspis quadriloculatus*
Motschulsky [Coleoptera: Coccinellidae]
- 3034 *Scymnus guttulatus* LeConte
[Coleoptera: Coccinellidae]
- 3035 *Scymnus nebulosus* LeConte
[Coleoptera: Coccinellidae]
- 3036 *Rhizobius ventralis* (Erichson)
[Coleoptera: Coccinellidae]
- 3037 *Psyllobora vigintimaculata taedata*
LeConte [Coleoptera: Coccinellidae]
- 3038 *Coccinella trifasciata juliana*
Mulsant [Coleoptera: Coccinellidae]
- 3039 *Coccinella californica* Mannerheim
[Coleoptera: Coccinellidae]
- 3040 *Cycloneda munda polita* Casey
[Coleoptera: Coccinellidae]
- 3041 *Chilocorus bivulnerus* Mulsant
[Coleoptera: Coccinellidae]
- 3042 *Chrysobothris bacchari* Van Dyke
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer: dead wood/?
Oviposition Medium: Bark surfaces
- 3043 *Exochomus quatuorpusculus*
quadrifasciatus Barovsky [Coleoptera:
Coccinellidae]
- 3044 *Stenochidus gracilis* LeConte
[Coleoptera: Alleculidae]
- 3045 *Ptinus cognata* Fall [Coleoptera:
Ptinidae]
- 3046 *Ozognathus cornutus* (LeConte)
[Coleoptera: Anobiidae]
- 3047 *Psoa maculata* LeConte (Spotted limb
borer) [Coleoptera: Bostrichidae]
Immature/Adult Guild: Wood borer: dead
wood/?
- 3048 *Pachybrachis hybridus* Suffrian
[Coleoptera: Chrysomelidae]
- 3049 *Cryptocephalus sanguinicollis*
nigerrimus Crotch [Coleoptera:
Chrysomelidae]
- 3050 *Trirhabda flavolimbata* (Mannerheim)
[Coleoptera: Chrysomelidae]

- 3051 *Acalymma trivittata* (Mannerheim)
[Coleoptera: Chrysomelidae]
- 3052 *Mylabris pruininus* Horn (Pruinose weevil) [Coleoptera: Bruchidae]
Immature/Adult Guild: ?/Pollen feeder
- 3053 *Sciopithes obscurus* Horn
[Coleoptera: Curculionidae]
- 3054 *Sciopithes arcuatus* Casey
[Coleoptera: Curculionidae]
- 3055 *Smicronyx cinereus* Motschulsky
[Coleoptera: Curculionidae]
- 3056 *Camploplegidea* spp. [Hymenoptera: Ichneumonidae]
- 3057 *Cryptohelcostizus alamedensis* (Ashmead) [Hymenoptera: Ichneumonidae]
- 3058 *Diplazon laetatorius* (Fabricius)
[Hymenoptera: Ichneumonidae]
- 3059 *Horogenes eureka* (Ashmead)
[Hymenoptera: Ichneumonidae]
- 3060 *Horogenes pterophorae* (Ashmead)
[Hymenoptera: Ichneumonidae]
- 3061 *Iseropus* spp. [Hymenoptera: Ichneumonidae]
- 3062 *Mesochorus* spp. [Hymenoptera: Ichneumonidae]
- 3063 *Phoeogenes* spp. [Hymenoptera: Ichneumonidae]
- 3064 *Pimplopterus* spp. [Hymenoptera: Ichneumonidae]
- 3065 *Scambus pterophori* (Ashmead)
[Hymenoptera: Ichneumonidae]
- 3066 *Apanteles aristoteliae* Viereck
[Hymenoptera: Braconidae]
- 3067 *Aphidius rosae* Haliday [Hymenoptera: Braconidae]
- 3068 *Bucculatriplex* spp. [Hymenoptera: Braconidae]
- 3069 *Eubadizon* spp. [Hymenoptera: Braconidae]
- 3070 *Hormius pallidipes* (Ashmead)
[Hymenoptera: Braconidae]
- 3071 *Microbracon melanaspis* (Ashmead)
[Hymenoptera: Braconidae]
- 3072 *Microbracon* spp. [Hymenoptera: Braconidae]
- 3073 *Torymus baccharidis* (Huber)
[Hymenoptera: Torymidae]
- 3074 *Amblymerus* spp. [Hymenoptera: Pteromalidae]
- 3075 *Bothriencyrtus planiformis* (Howard)
[Hymenoptera: Encyrtidae]
- 3076 *Copidosoma* spp. [Hymenoptera: Encyrtidae]
- 3077 *Eupelmus inyoensis* Girault
[Hymenoptera: Eupelmidae]
- 3078 *Eupelmus cyaniceps* Ashmead
[Hymenoptera: Eupelmidae]
- 3079 *Sympiesis stigmatus* Girault
[Hymenoptera: Eulophidae]
- 3080 *Goniozus* spp. [Hymenoptera: Bethylinidae]
- 3081 *Crematogaster coarctata* Mayr
[Hymenoptera: Formicidae]
- 3082 *Iridomyrmex humilis* Mayr
[Hymenoptera: Formicidae]
- 3083 *Prenolepsis imparis* (Say)
[Hymenoptera: Formicidae]
- 3084 *Formica rufibarbis occidua* Wheeler
[Hymenoptera: Formicidae]
- 3085 *Rhopalomyia californica* Felt
[Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former: shoots/?
- 3086 *Clinodiplosus pucciniae* Pritchard
[Diptera: Cecidomyiidae]
- 3087 *Stratiomya maculosa* Loew [Diptera: Stratiomyidae]
- 3088 *Aciurina thoracica* Curran [Diptera: Tephritidae]
- 3089 *Drosophila obscura* Fallen [Diptera: Drosophilidae]
- 3090 *Liriomyza pusilla* (Meigen) [Diptera: Agromyzidae]
- 3091 *Leptogaster brevicornis* Loew
[Diptera: Asilidae]
- 3092 *Paramuscopteryx genalis* Townsend
[Diptera: Tachinidae]
- 3093 *Voria ruralis* Fallen [Diptera: Tachinidae]
- 3094 *Xanthophyto* spp. [Diptera: Tachinidae]
- 3095 *Diabrotica undecimpunctata* (Mannerheim) [Coleoptera: Chrysomelidae]
Immature/Adult Guild: ?/Flower, leaf feeder
- 3096 *Coenonycha bowlesi* Cazier
[Coleoptera: Scarabaeidae]
Immature/Adult Guild: ?/Leaf feeder

3097 *Coenonycha testacea* Cazier
[Coleoptera: Scarabaeidae]
Immature/Adult Guild: ?/Leaf feeder

3098 *Plebejus icarioides pheres*
(Boisduvall) [Lepidoptera: Lycaenidae]

3099 *Plebejus icarioides missionensis*
Esch. [Lepidoptera: Lycaenidae]

3100 *Aglais californica* Boisduvall
(California tortoise-shell) [Lepidoptera:
Nymphalidae] Immature/Adult Guild: Leaf
feeder/Nectar feeder

3101 *Camnula pellucida* (Clearwinged
grasshopper) [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder

3102 *Dissosteira spurcata* [Orthoptera:
Acrididae] Immature/Adult Guild: Leaf
feeder/Leaf feeder

3103 *Pterochlorus rosae* (Cholodkovsky)
[Homoptera: Aphididae] Immature/Adult
Guild: Bark feeder/Bark feeder

3104 *Aphis chrysothamnicola infrequens*
Knowlton [Homoptera: Aphididae]
Immature/Adult Guild: Sap feeder/Sap
feeder

3105 *Amphorophora accidentalis* Knowlton
[Homoptera: Aphididae] Immature/Adult
Guild: Sap feeder/Sap feeder

3106 *Amphorophora aridus* Knowlton
[Homoptera: Aphididae] Immature/Adult
Guild: Sap feeder/Sap feeder

3107 *Mucrotrichaphis toti* Knowlton &
Allen [Homoptera: Aphididae]
Immature/Adult Guild: Sap feeder/Sap
feeder

3108 *Mucrotrichaphis albicornus* Knowlton
& Allen [Homoptera: Aphididae]

3109 *Mucrotrichaphis anomellus* (Knowlton
& Allen) [Homoptera: Aphididae]

3110 *Mucrotrichaphis zerohypsi* Knowlton &
Allen [Homoptera: Aphididae]

3111 *Mucrotrichaphis flavilla* Knowlton &
Allen [Homoptera: Aphididae]

3112 *Cacama crepitans* Van Duzee
(Crackling cicada) [Homoptera: Cicadidae]

3113 *Clidophelps pallida* Van Duzee
[Homoptera: Cicadidae]

3114 *Okanagana gracilis* Davis [Homoptera:
Cicadidae]

3115 *Okanagana bella* Davis [Homoptera:
Cicadidae]

3116 *Okanagana luteobasalis* Davis
[Homoptera: Cicadidae]

3117 *Okanagana utahensis* Davis
[Homoptera: Cicadidae]

3118 *Okanagana fumipennis* Davis
[Homoptera: Cicadidae]

3119 *Neoplatypedia constricta* Davis
[Homoptera: Cicadidae]

3120 *Merobruchus major* (Horn)
[Coleoptera: Bruchidae]

3121 *Microsiphum acophorum* Smith &
Knowlton [Homoptera: Aphididae]

3122 *Microsiphum artemisiae* (Gillette)
[Homoptera: Aphididae]

3123 *Asphondylia opuntiae* Felt [Diptera:
Cecidomyiidae]

3124 *Narnia inornata* Distant [Hemiptera:
Coreidae] Immature/Adult Guild: Cactus
joint feeder/Cactus joint feeder

3125 *Ozamia fuscomaculella* (Wright)
[Lepidoptera: Pyralidae]

3126 *Marmara opuntiella* Busck
[Lepidoptera: Gracilariidae]

3127 *Volucella marginata* Say [Diptera:
Syrphidae]

3128 *Volucella lutzi* Curran [Diptera:
Syrphidae]

3129 *Volucella mexicana* Macquart
[Diptera: Syrphidae]

3130 *Volucella nigra* Greene [Diptera:
Syrphidae]

3131 *Volucella tau* Bigot [Diptera:
Syrphidae]

3132 *Melitara* spp. [Lepidoptera:
Pyralidae]

3133 *Onodiplosis sarcobati* Felt [Diptera:
Cecidomyiidae]

3134 *Asphondylia adenostoma* Felt
[Diptera: Cecidomyiidae]

3135 *Asteromyia gutierreziae* Felt
[Diptera: Cecidomyiidae]

3136 *Rhopalomyia salviae* Felt [Diptera:
Cecidomyiidae]

3137 *Rhopalomyia ampullaria* Felt
[Diptera: Cecidomyiidae]

3138 *Rhopalomyia utahensis* Felt [Diptera:
Cecidomyiidae]

3139 *Rhopalomyia chrysothamni* Felt
[Diptera: Cecidomyiidae]

- 3140 *Rhopalomyia glutinosa* Felt [Diptera: Cecidomyiidae]
- 3141 *Phytophaga wellsi* Felt [Diptera: Cecidomyiidae]
- 3142 *Phytophaga timberlakei* Felt [Diptera: Cecidomyiidae]
- 3143 *Forda olivacea* Rohrer [Homoptera: Aphididae]
- 3144 *Zygogramma conjuncta* Rogers [Coleoptera: Scarabaeidae]
- 3145 *Corizus tuberculatus* Hambl. [Hemiptera: Coreidae]
- 3146 *Jalysus spinosus* (Say) [Hemiptera: Berytidae]
- 3147 *Phlepsius extremus* Ball [Homoptera: Cicadellidae]
- 3148 *Opsius clarivatus* (Van Duzee) [Homoptera: Cicadellidae]
- 3149 *Neothomasia salicinigra* Knowlton [Homoptera: Aphididae]
- 3150 *Neothomasia utahensis* Knowlton [Homoptera: Aphididae]
- 3151 *Neothomasia populicola* (Thomas) [Homoptera: Aphididae]
- 3152 *Cacoecia rosaceana* (Harris) (Oblique-banded leafroller) [Lepidoptera: Olethreutidae]
- 3153 *Bruchus major* Fall [Coleoptera: Bruchidae]
- 3154 *Meloe tinctus* LeConte [Coleoptera: Meloidae]
- 3155 *Tanarthrus salicola* LeConte [Coleoptera: Anthicidae]
- 3156 *Hyperaspis postica* LeConte [Coleoptera: Coccinellidae]
- 3157 *Amphorophora crastleae* Smith & Knowlton [Homoptera: Aphididae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 3158 *Neltumius gibbothorax* [Homoptera: Aphididae]
- 3159 *Neltumius arizonensis* [Coleoptera: Bruchidae]
- 3160 *Acmaeodera pulchella* Herbst [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 3161 *Tischeria immaculata* (Braun) [Lepidoptera: Tischeriidae]
Immature/Adult Guild: Leaf miner/?
- 3162 *Myzocallis discolor coloradensis* [Homoptera: Aphididae]
- 3163 *Euceraphis brevis* [Homoptera: Aphididae]
- 3164 *Aphis minutissima* (G. & P.) [Homoptera: Aphididae]
- 3165 *Macrosiphum laevigatae* Essig [Homoptera: Aphididae]
- 3166 *Corythucha contaminata* Gibson [Hemiptera: Tingidae]
- 3167 *Corythucha piercei* Gibson [Hemiptera: Tingidae]
- 3168 *Macrosiphum anomellus* Knowlton & Allen [Homoptera: Aphididae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 3169 *Macrosiphum artemisvulgaris* Knowlton & Allen [Homoptera: Aphididae]
- 3170 *Macrosiphum essigi* (Soliman) [Homoptera: Aphididae]
- 3171 *Macrosiphum zerothermus* Knowlton & Allen [Homoptera: Aphididae]
- 3172 *Macrosiphum chrysanthemi* Oestlund [Homoptera: Aphididae]
- 3173 *Macrosiphum escalantii* (Knowlton) [Homoptera: Aphididae]
- 3174 *Macrosiphum ambrosiae* (Thomas) [Homoptera: Aphididae] Immature/Adult Guild: Sap feeder/Sap feeder
- 3175 *Capitophorus decampus* Knowlton & Smith [Homoptera: Aphididae]
- 3176 *Capitophorus infrequens* Knowlton & Smith [Homoptera: Aphididae]
- 3177 *Capitophorus spatulavillus* Knowlton & Smith [Homoptera: Aphididae]
- 3178 *Capitophorus acanthovillus* Knowlton & Smith [Homoptera: Aphididae]
- 3179 *Capitophorus chlorophainus* Knowlton & Smith [Homoptera: Aphididae]
- 3180 *Capitophorus utensus* Pack & Knowlton [Homoptera: Aphididae]
- 3181 *Kakimia muesebecki* Knowlton & Allen [Homoptera: Aphididae]
- 3182 *Kakimia ribifolii* (Dvds.) [Homoptera: Aphididae]
- 3183 *Kakimia houghtonensis* (Troop) [Homoptera: Aphididae]
- 3184 *Kakimia ceri* Gillette & Palmer [Homoptera: Aphididae]

- 3185 *Hippodamia ambigua* LeConte
[Coleoptera: Coccinellidae]
Immature/Adult Guild: Predator/Predator
- 3186 *Oedopa capito* [Diptera:
Agromyzidae]
- 3187 *Ophomyia* spp. [Diptera:
Agromyzidae]
- 3188 *Napomyza* spp. [Diptera:
Agromyzidae]
- 3189 *Melanagromyza* spp. [Diptera:
Agromyzidae]
- 3190 *Haplomyza togata* [Diptera:
Agromyzidae]
- 3191 *Paraphytomyza* spp. [Diptera:
Agromyzidae]
- 3192 *Deopalpus hirsutus* Ths. [Diptera:
Tachinidae]
- 3193 *Chaetonodexodes vanderwulpi* Ths.
[Diptera: Tachinidae]
- 3194 *Bonnetia comta* Fallen [Diptera:
Tachinidae]
- 3195 *Aphantorhapha* spp. [Diptera:
Tachinidae]
- 3196 *Metopotachis* spp. [Diptera:
Tachinidae]
- 3197 *Gymnosoma fuliginosum* R.D. [Diptera:
Tachinidae]
- 3198 *Gonia* spp. [Diptera: Tachinidae]
- 3199 *Eryciini* spp. [Hymenoptera:
Tachinidae]
- 3200 *Periscepsia cinerosa* (Coq.)
[Diptera: Tachinidae]
- 3201 *Periscepsia helymus* (Walker)
[Diptera: Tachinidae]
- 3202 *Pararchytas decius* (Walker)
[Diptera: Tachinidae]
- 3203 *Paradidyma singularis* (Ths.)
[Diptera: Tachinidae]
- 3204 *Nowickia latipacies* Tuthill
[Diptera: Tachinidae]
- 3205 *Microchaetina* nr. *valida* (Ths.)
[Diptera: Tachinidae]
- 3206 *Stomatomyia parvipalpi* Will. (Wulp.)
[Diptera: Tachinidae]
- 3207 *Sitophaga* nr. *sordicolor* (Ths.)
[Diptera: Tachinidae]
- 3208 *Reinhardiana petiolata* (Townsend)
[Diptera: Tachinidae]
- 3209 *Psalidopteryx* spp. [Diptera:
Tachinidae]
- 3210 *Pseudoperichaeta erecta* (Coq.)
[Diptera: Tachinidae]
- 3211 *Promasiphya confusa* (Ald.) [Diptera:
Tachinidae]
- 3212 *Promasiphya* spp. [Diptera:
Tachinidae]
- 3213 *Calliphora coloradensis* Hgh.
[Diptera: Calliphoridae]
- 3214 *Amobia floridensis* (Townsend)
[Diptera: Sarcophagidae]
- 3215 *Blaesoxipha opifera* (Aldrich)
(Coquillett) [Diptera: Sarcophagidae]
- 3216 *Opsidia oblata* (Townsend) [Diptera:
Sarcophagidae]
- 3217 *Ptychoneura aristalis* (Coq.)
[Diptera: Sarcophagidae]
- 3218 *Eumacronychia montana* Allen
[Diptera: Sarcophagidae]
- 3219 *Miltogramminae* spp. [Diptera:
Sarcophagidae]
- 3220 *Helina troene* (Walker) [Diptera:
Muscidae]
- 3221 *Senotainia* nr. *trilineata* (Wulp)
[Diptera: Sarcophagidae]
- 3222 *Taxigramma heteroneura* (Mg.)
[Diptera: Sarcophagidae]
- 3223 *Senotainia flavicornis* (Townsend)
[Diptera: Sarcophagidae]
- 3224 *Sarcophaga bishoppi* Ald. [Diptera:
Sarcophagidae]
- 3225 *Sarcophaga bullata* Parker [Diptera:
Sarcophagidae]
- 3226 *Leucophora* spp. [Diptera:
Sarcophagidae]
- 3227 *Limosia* spp. [Diptera:
Sarcophagidae]
- 3228 *Hylemya cinerella* (Fallen) [Diptera:
Sarcophagidae]
- 3229 *Tetramerinx* nr. *unica* (Stein)
[Diptera: Sarcophagidae]
- 3230 *Spilogona* spp. [Diptera:
Sarcophagidae]
- 3231 *Spilogona argentiventris* (Malloch)
[Diptera: Sarcophagidae]
- 3232 *Schoenomyza* spp. [Diptera:
Sarcophagidae]

- 3233 *Pegomya* spp. [Diptera: Sarcophagidae]
- 3234 *Calythea micropteryx* Thomas [Diptera: Muscidae]
- 3235 *Haematobia irritans* (Linnaeus) [Diptera: Muscidae]
- 3236 *Acyrtosiphon purshiae* Palmer [Homoptera: Aphididae]
- 3237 *Zagogramini* spp. [Hymenoptera: Eulophidae]
- 3238 *Leucospis affinis* Say [Hymenoptera: Leucospididae]
- 3239 *Chrysophagus* spp. [Hymenoptera: Encyrtidae]
- 3240 *Cheiloneurus* spp. [Hymenoptera: Encyrtidae]
- 3241 *Chalcaspis* spp. [Hymenoptera: Encyrtidae]
- 3242 *Chrysopophagus* spp. [Hymenoptera: Encyrtidae]
- 3243 *Blastothrix* spp. [Hymenoptera: Encyrtidae]
- 3244 *Bothriothorax* spp. [Hymenoptera: Encyrtidae]
- 3245 *Apoanagris* spp. [Hymenoptera: Encyrtidae]
- 3246 *Erythrophagus* spp. [Hymenoptera: Encyrtidae]
- 3247 *Encyrtus* spp. [Hymenoptera: Encyrtidae]
- 3248 *Dicarnosis* spp. [Hymenoptera: Encyrtidae]
- 3249 *Discodes* spp. [Hymenoptera: Encyrtidae]
- 3250 *Homalotylus* spp. [Hymenoptera: Encyrtidae]
- 3251 *Oenocyrtus* spp. [Hymenoptera: Encyrtidae]
- 3252 *Larhopalis* spp. [Hymenoptera: Encyrtidae]
- 3253 *Litomastix* spp. [Hymenoptera: Encyrtidae]
- 3254 *Eupelminae* spp. [Hymenoptera: Encyrtidae]
- 3255 *Calosota metallica* Gah. [Hymenoptera: Encyrtidae]
- 3256 *Eupelmus alynii* French [Hymenoptera: Encyrtidae]
- 3257 *Trechnites* spp. [Hymenoptera: Encyrtidae]
- 3258 *Melanophyeus* spp. [Hymenoptera: Encyrtidae]
- 3259 *Mercetencyrtus* spp. [Hymenoptera: Encyrtidae]
- 3260 *Pachyneuron allograptae* Ashmead [Hymenoptera: Pteromalidae]
- 3261 *Rhizomalus* spp. [Hymenoptera: Pteromalidae]
- 3262 *Ceroplastes irregularis* Cockerell (Irregular wax scale) [Homoptera: Coccidae]
- 3263 *Coccophagus* spp. [Hymenoptera: Encyrtidae]
- 3264 *Rhodaenus tredecimpunctatus* Illiger [Coleoptera: Curculionidae]
- 3265 *Dibrachys* spp. [Hymenoptera: Pteromalidae]
- 3266 *Cephalothrips hesperus* Hood [Thysanoptera: Phlaeothripidae]
- 3267 *Cryptothrips rectangularis* Hood [Thysanoptera: Phlaeothripidae]
- 3268 *Cryptothrips sordidatus* Hood [Thysanoptera: Phlaeothripidae]
- 3269 *Liothrips gaviotae* (Moulton) [Thysanoptera: Phlaeothripidae]
- 3270 *Liothrips xanthocerus* Hood [Thysanoptera: Phlaeothripidae]
- 3271 *Liothrips corni* Moulton [Thysanoptera: Phlaeothripidae]
- 3272 *Liothrips illex* (Moulton) [Thysanoptera: Phlaeothripidae]
- 3273 *Liothrips dumosa* (Moulton) [Thysanoptera: Phlaeothripidae]
- 3274 *Liothrips lepidus* Cott [Thysanoptera: Phlaeothripidae]
- 3275 *Rhynchothrips invisus* Cott [Thysanoptera: Phlaeothripidae]
- 3276 *Poecilothrips albopictus* Uzel [Thysanoptera: Phlaeothripidae]
- 3277 *Priesneriella citricauda* Hood [Thysanoptera: Phlaeothripidae]
- 3278 *Rhopalothrips bicolor* Hood [Thysanoptera: Phlaeothripidae]
- 3279 *Bagnalliella desertae* Hood [Thysanoptera: Phlaeothripidae]
- 3280 *Bagnalliella yuccae* (Hinds) [Thysanoptera: Phlaeothripidae]

- 3281 *Bagnalliella mojave* Hood
[Thysanoptera: Phlaeothripidae]
- 3282 *Haplothrips distalis* Hood
[Thysanoptera: Phlaeothripidae]
- 3283 *Haplothrips niger* (Osborn)
[Thysanoptera: Phlaeothripidae]
- 3284 *Leptothrips heliomanes* Hood
[Thysanoptera: Phlaeothripidae]
- 3285 *Leptothrips larreae* Hood
[Thysanoptera: Phlaeothripidae]
- 3286 *Neoheegeria verbasci* (Osborn)
[Thysanoptera: Phlaeothripidae]
- 3287 *Neurothrips magnafemoralis* (Hinds)
[Thysanoptera: Phlaeothripidae]
- 3288 *Phlaeothrips nodicornis* O.M. Reuter
[Thysanoptera: Phlaeothripidae]
- 3289 *Phlaeothrips armiger* P.R. Jones
[Thysanoptera: Phlaeothripidae]
- 3290 *Phlaeothrips salicacearum* (Hood)
[Thysanoptera: Phlaeothripidae]
- 3291 *Phlaeothrips lissonotus* (Hood)
[Thysanoptera: Phlaeothripidae]
- 3292 *Phlaeothrips costano* (Hood)
[Thysanoptera: Phlaeothripidae]
- 3293 *Phlaeothrips coriaceus* Haliday
[Thysanoptera: Phlaeothripidae]
- 3294 *Megalothrips picticornis* Hood
[Thysanoptera: Phlaeothripidae]
- 3295 *Megathrips hesperus* (Moulton)
[Thysanoptera: Phlaeothripidae]
- 3296 *Oedaleothrips jacksoni* Hood
[Thysanoptera: Phlaeothripidae]
Immature/Adult Guild: ?/Epidermal feeder
- 3297 *Stephanothrips bradleyi* Hood
[Thysanoptera: Urothripidae]
- 3298 *Protolaccus* spp. [Hymenoptera:
Pteromalidae]
- 3299 *Coelopisthia* spp. [Hymenoptera:
Pteromalidae]
- 3300 *Hobbya* spp. [Hymenoptera:
Pteromalidae]
- 3301 *Chlorocistrus* spp. [Hymenoptera:
Pteromalidae]
- 3302 *Merisus* spp. [Hymenoptera:
Pteromalidae]
- 3303 *Dianlinopsis callichroma* Crawford
[Hymenoptera: Eulophidae]
- 3304 *Notanisomorpha* spp. [Hymenoptera:
Eulophidae]
- 3305 *Chrysocharini* spp. [Hymenoptera:
Eulophidae]
- 3306 *Chrysontomyia* spp. [Hymenoptera:
Eulophidae]
- 3307 *Astichus* spp. [Hymenoptera:
Eulophidae]
- 3308 *Diglyphus nautali* Gordh.
[Hymenoptera: Eulophidae]
- 3309 *Diglyphus* spp. [Hymenoptera:
Eulophidae]
- 3310 *Tetracneminae* spp. [Hymenoptera:
Eulophidae]
- 3311 *Closterocerus* spp. [Hymenoptera:
Eulophidae]
- 3312 *Neochrysocharis* spp. [Hymenoptera:
Eulophidae]
- 3313 *Cirrospilus* spp. [Hymenoptera:
Eulophidae]
- 3314 *Elachertus* spp. [Hymenoptera:
Eulophidae]
- 3315 *Hyssopus* spp. [Hymenoptera:
Eulophidae]
- 3316 *Megastigmus* spp. [Hymenoptera:
Eurytomidae]
- 3317 *Harmoleta* spp. [Hymenoptera:
Eurytomidae]
- 3318 *Torymus potamnius* Grissel
[Hymenoptera: Torymidae]
- 3319 *Torymus occidentalis* Hub.
[Hymenoptera: Torymidae]
- 3320 *Torymus solitarius* Osten Sacken
[Hymenoptera: Torymidae]
- 3321 *Torymus dasyneurae* Hub.
[Hymenoptera: Torymidae]
- 3322 *Torymus kinseyi* Hub. [Hymenoptera:
Torymidae]
- 3323 *Torymus denticulatus* [Hymenoptera:
Torymidae]
- 3324 *Torymus fagopyrum* Osten Sacken
[Hymenoptera: Torymidae]
- 3325 *Torymus atheatus* Grissell
[Hymenoptera: Torymidae]
- 3326 *Pseudotorymus* spp. [Hymenoptera:
Torymidae]
- 3327 *Microdontomerus* spp. [Hymenoptera:
Torymidae]
- 3328 *Torymus* nr. *aea* Walker [Hymenoptera:
Torymidae]

- 3329 *Hybothoracicini* spp. [Hymenoptera: Chalcididae]
- 3330 *Brachymeria tegularis* (Cresson) [Hymenoptera: Chalcididae]
- 3331 *Schwarziella* spp. [Hymenoptera: Chalcididae]
- 3332 *Idris* spp. [Hymenoptera: Scelionidae]
- 3333 *Dissolcus* spp. [Hymenoptera: Scelionidae]
- 3334 *Gyron myrmecophilus* Ashmead [Hymenoptera: Scelionidae]
- 3335 *Gyron pennsylvanius* Ashmead [Hymenoptera: Scelionidae]
- 3336 *Scelio opacus* Provancher [Hymenoptera: Scelionidae]
- 3337 *Psilomma* spp. [Hymenoptera: Proctotrupidae]
- 3338 *Proctotrupes* spp. [Hymenoptera: Proctotrupidae]
- 3339 *Ceraphron* spp. [Hymenoptera: Ceraphronidae]
- 3340 *Idiocerus apache* Ball & Parker [Homoptera: Cicadellidae]
- 3341 *Platygaster rohweri* Fouts [Hymenoptera: Platygasteridae]
- 3342 *Aphanogmus* spp. [Hymenoptera: Ceraphronidae]
- 3343 *Diapria* spp. [Hymenoptera: Diapriidae]
- 3344 *Spilomicrus* spp. [Hymenoptera: Diapriidae]
- 3345 *Metaclisis* spp. [Hymenoptera: Platygasteridae]
- 3346 *Anacharis* spp. [Hymenoptera: Eucoilidae]
- 3347 *Gonaspidium* spp. [Hymenoptera: Eucoilidae]
- 3348 *Hypodiranchus* spp. [Hymenoptera: Eucoilidae]
- 3349 *Hexacola* spp. [Hymenoptera: Eucoilidae]
- 3350 *Kleidotoma* spp. [Hymenoptera: Eucoilidae]
- 3351 *Eucoila* spp. [Hymenoptera: Eucoilidae]
- 3352 *Neralcia* spp. [Hymenoptera: Figitidae]
- 3353 *Blacus* spp. [Hymenoptera: Braconidae]
- 3354 *Aphidius* spp. [Hymenoptera: Braconidae]
- 3355 *Bracon hyslopi* (Viereck) [Hymenoptera: Braconidae]
- 3356 *Bracon caulicola* (Gahan) [Hymenoptera: Braconidae]
- 3357 *Cantharoctonus* spp. [Hymenoptera: Braconidae]
- 3358 *Chelonus altitudinis* Vier. [Hymenoptera: Braconidae]
- 3359 *Cremnops californicus* (Morrison) [Hymenoptera: Braconidae]
- 3360 *Elasmosoma* spp. [Hymenoptera: Braconidae]
- 3361 *Gnaptodon nepticulae* (Rah.)? [Hymenoptera: Braconidae]
- 3362 *Leiophron* spp. [Hymenoptera: Braconidae]
- 3363 *Lysaphidius* spp. [Hymenoptera: Braconidae]
- 3364 *Meteorus leviventris* (Wesw.) [Hymenoptera: Braconidae]
- 3365 *Microplitis brassicae* Mues. [Hymenoptera: Braconidae]
- 3366 *Mirax* spp. [Hymenoptera: Braconidae]
- 3367 *Microctonus eleodes* Vier. [Hymenoptera: Braconidae]
- 3368 *Orgilus ferus* Mues. [Hymenoptera: Braconidae]
- 3369 *Parahormius pallidipes* (Ashmead) [Hymenoptera: Braconidae]
- 3370 *Troxys* spp. [Hymenoptera: Braconidae]
- 3371 *Troxys bonnevillensis* Smith [Hymenoptera: Braconidae]
- 3372 *Anomalon* spp. [Hymenoptera: Ichneumonidae]
- 3373 *Diadegma* spp. [Hymenoptera: Ichneumonidae]
- 3374 *Cryptus albitarsis* Cresson [Hymenoptera: Ichneumonidae]
- 3375 *Buathra laborator altonii* (D.T.) [Hymenoptera: Ichneumonidae]
- 3376 *Venturia* spp. [Hymenoptera: Ichneumonidae]

- 3377 *Temelucha* spp. [Hymenoptera: Ichneumonidae]
- 3378 *Pristomerus* spp. [Hymenoptera: Ichneumonidae]
- 3379 *Omalus* spp. [Hymenoptera: Chrysididae]
- 3380 *Hedychridium taylori* (Bod.) [Hymenoptera: Chrysididae]
- 3381 *Hedychridium violaceum* Brulle [Hymenoptera: Chrysididae]
- 3382 *Chrysis astralia* [Hymenoptera: Chrysididae]
- 3383 *Aphelopus* spp. [Hymenoptera: Dryinidae]
- 3384 *Epyris clarimontis* Kieffer [Hymenoptera: Sapygidae]
- 3385 *Epyris rufipes* Say [Hymenoptera: Sapygidae]
- 3386 *Epyris sculleni* Say [Hymenoptera: Sapygidae]
- 3387 *Sapyga pumila* Coq. [Hymenoptera: Sapygidae]
- 3388 *Anisopyris occidentalis* Ashmead [Hymenoptera: Bethyridae]
- 3389 *Ammophila varipes* Cresson [Hymenoptera: Sphecidae]
- 3390 *Ammophila azteca* Cameron [Hymenoptera: Sphecidae]
- 3391 *Ammophila cleopatra* Menke [Hymenoptera: Sphecidae]
- 3392 *Ammophila breviceps* F. Smith [Hymenoptera: Sphecidae]
- 3393 *Ammophila macra* Cresson [Hymenoptera: Sphecidae]
- 3394 *Ammophila unita* Menke [Hymenoptera: Sphecidae]
- 3395 *Ammophila dysmica* Menke [Hymenoptera: Sphecidae]
- 3396 *Ammophila aberti* Hald. [Hymenoptera: Sphecidae]
- 3397 *Astata bechteli* Parker [Hymenoptera: Sphecidae]
- 3398 *Bembix americanus comata* Parker [Hymenoptera: Sphecidae]
- 3399 *Bembix amoena* Handlirsch [Hymenoptera: Sphecidae]
- 3400 *Belomicrus* spp. [Hymenoptera: Sphecidae]
- 3401 *Bethynostethus* spp. [Hymenoptera: Sphecidae]
- 3402 *Bicyrtes capnoptera* Handl. [Hymenoptera: Sphecidae]
- 3403 *Cerceris echo* Mickel [Hymenoptera: Sphecidae]
- 3404 *Cerceris conifrons* Mickel [Hymenoptera: Sphecidae]
- 3405 *Cerceris californica* Cresson [Hymenoptera: Sphecidae]
- 3406 *Cerceris minax* Mickel [Hymenoptera: Sphecidae]
- 3407 *Chlorion aerarium* Patton [Hymenoptera: Sphecidae]
- 3408 *Dryudella* spp. [Hymenoptera: Sphecidae]
- 3409 *Dryudella immigrans* Wm. [Hymenoptera: Sphecidae]
- 3410 *Ectemnius besseyae* (Roh.) [Hymenoptera: Sphecidae]
- 3411 *Ectemnius continuus* (F.) [Hymenoptera: Sphecidae]
- 3412 *Ectemnius* spp. [Hymenoptera: Sphecidae]
- 3413 *Epinysson bellus* (Cresson) [Hymenoptera: Sphecidae]
- 3414 *Eucerceris vittatifrons* Cresson [Hymenoptera: Sphecidae]
- 3415 *Eucerceris canaliculata* (Say) [Hymenoptera: Sphecidae]
- 3416 *Fernaldina lucae* (Sauss.) [Hymenoptera: Sphecidae]
- 3417 *Gorytes provancheri* Handl. [Hymenoptera: Sphecidae]
- 3418 *Hoplisoides punctifrons* (Cam.) [Hymenoptera: Sphecidae]
- 3419 *Isodontia elegans* Sm. [Hymenoptera: Sphecidae]
- 3420 *Mimesa* spp. [Hymenoptera: Sphecidae]
- 3421 *Motes argentata* [Hymenoptera: Sphecidae]
- 3422 *Oxybelus packardii* Robt. [Hymenoptera: Sphecidae]
- 3423 *Oxybelus parvus* Cresson [Hymenoptera: Sphecidae]
- 3424 *Palmodes dimidintus* DeGeer [Hymenoptera: Sphecidae]

- 3425 *Philanthus gibbosus* (F.)
[Hymenoptera: Sphecidae]
- 3426 *Chalicodoma subexilis* Cockerell
[Hymenoptera: Megachilidae]
- 3427 *Coelioxys* spp. [Hymenoptera:
Megachilidae]
- 3428 *Dianthidium ulkei* Cresson
[Hymenoptera: Megachilidae]
- 3429 *Dianthidium pudicum decorum*
Timberlake [Hymenoptera: Megachilidae]
- 3430 *Heriades varidosa* Cresson
[Hymenoptera: Megachilidae]
- 3431 *Megachile augustini* Cockerell
[Hymenoptera: Megachilidae]
- 3432 *Megachile pacifica* [Hymenoptera:
Megachilidae]
- 3433 *Osmia lignaria* Cresson [Hymenoptera:
Megachilidae]
- 3434 *Anthophora maculifrons* Cresson
[Hymenoptera: Megachilidae]
- 3435 *Anthophora occidentalis* Cresson
[Hymenoptera: Megachilidae]
- 3436 *Anthophora urbana* Cresson
[Hymenoptera: Megachilidae]
- 3437 *Anthophora ursina* Cresson
[Hymenoptera: Megachilidae]
- 3438 *Anthophora portera* Cockerell
[Hymenoptera: Megachilidae]
- 3439 *Anthophora edwardsii* Cresson
[Hymenoptera: Megachilidae]
- 3440 *Anthophora* nr. *edwardsii* Cresson
[Hymenoptera: Megachilidae]
- 3441 *Ceratina nanula* [Hymenoptera:
Megachilidae]
- 3442 *Epeolus* spp. [Hymenoptera:
Megachilidae]
- 3443 *Melissodes utahensis* LaB.
[Hymenoptera: Megachilidae]
- 3444 *Melissodes glenwoodensis* Cockerell
[Hymenoptera: Megachilidae]
- 3445 *Melissodes bimatrix* LaB.
[Hymenoptera: Megachilidae]
- 3446 *Melissodes menuachis* Cresson
[Hymenoptera: Megachilidae]
- 3447 *Melissodes subagilus* Cockerell
[Hymenoptera: Megachilidae]
- 3448 *Melissodes agilis* Cresson
[Hymenoptera: Megachilidae]
- 3449 *Neolarra* spp. [Hymenoptera:
Megachilidae]
- 3450 *Nomada fragilis* Cresson
[Hymenoptera: Megachilidae]
- 3451 *Triepeolus* spp. [Hymenoptera:
Megachilidae]
- 3452 *Bombus morrisoni* Cresson
[Hymenoptera: Apidae]
- 3453 *Melanoplus mexicanus* Saussure
[Orthoptera: Acrididae]
- 3454 *Conozoa carinata* Rehn. [Orthoptera:
Acrididae]
- 3455 *Trimerotropis* spp. [Orthoptera:
Acrididae]
- 3456 *Trimerotropis bilobata* Rehn. & Hess.
[Orthoptera: Acrididae]
- 3457 *Agulla* spp. [Neuroptera:
Raphididae]
- 3458 *Micromus variolosus* Hag.
[Neuroptera: Hemerobiidae]
- 3459 *Coniopterygidae* spp. (Dusty-wings)
[Neuroptera: Coniopterygidae]
Immature/Adult Guild: Predator/?
- 3460 *Isoperla longiseta* Bk. [Plecoptera:
Perlodidae]
- 3461 *Isogenoides colubrinus* Hag.
[Plecoptera: Perlodidae]
- 3462 *Codophila remota* Horn [Hemiptera:
Pentatomidae]
- 3463 *Holcostethus limbolarius* (Stal)
[Hemiptera: Pentatomidae]
- 3464 *Cymus luridus* Stal [Hemiptera:
Lygaeidae]
- 3465 *Emblethis vicarius* Horn [Hemiptera:
Lygaeidae]
- 3466 *Kleidocerys resedae* (Panz.)
[Hemiptera: Lygaeidae]
- 3467 *Corizus punctiventris* Dallas
[Hemiptera: Coreidae]
- 3468 *Corizus* spp. [Hemiptera: Coreidae]
- 3469 *Stictopleurus viridicatus* (Uhler)
[Hemiptera: Coreidae]
- 3470 *Ploiaria denticauda* M. & M.
[Hemiptera: Reduviidae]
- 3471 *Piesma incisa* McA. [Hemiptera:
Piesmatidae]
- 3472 *Phymata fasciata* (Gray) [Hemiptera:
Phymatidae]

- 3473 *Physatocheila variegata* Parshley
[Hemiptera: Tingidae]
- 3474 *Pilophorus* spp. [Hemiptera: Miridae]
- 3475 *Clivinema* spp. [Hemiptera: Miridae]
- 3476 *Lopidea media* (Say) [Hemiptera: Miridae]
- 3477 *Plagiognathus* spp. [Hemiptera: Miridae]
- 3478 *Dichroascytus* spp. [Hemiptera: Miridae]
- 3479 *Beckocoris laticephalus* Knight
[Hemiptera: Miridae]
- 3480 *Chlamydatus associatus* Uhler
[Hemiptera: Miridae] Immature/Adult
Guild: Flower, leaf feeder/Bud, flower, leaf feeder
- 3481 *Chlamydatus* spp. [Hemiptera: Miridae]
- 3482 *Adelphocoris superbus* (Uhler)
[Hemiptera: Miridae]
- 3483 *Orectoderus* spp. [Hemiptera: Miridae]
- 3484 *Hadrodema* spp. [Hemiptera: Miridae]
- 3485 *Stenedema virens* Linnaeus
[Hemiptera: Miridae]
- 3486 *Lopidea* spp. [Hemiptera: Miridae]
- 3487 *Teleorhinus* spp. [Hemiptera: Miridae]
- 3488 *Melanotrachus albocostatus*
[Hemiptera: Miridae]
- 3489 *Homoscellis* spp. [Hemiptera: Miridae]
- 3490 *Sympetrum obtrusum* (Hagen) [Odonata: Libellulidae]
- 3491 *Sympetrum* spp. [Odonata: Libellulidae]
- 3492 *Enallagma caruneulatum* Morse
[Odonata: Coenagrionidae]
- 3493 *Agrilus* nr. *gibbicollis* Fallen
[Coleoptera: Buprestidae] Oviposition
Medium: Bark surfaces
- 3494 *Pieris protodice* [Lepidoptera: Pieridae]
- 3495 *Agapostemon femoratus* Crawford
[Hymenoptera: Halictidae]
- 3496 *Halictus virgatellus* Cockerell
[Hymenoptera: Halictidae]
- 3497 *Sphecodes* spp. [Hymenoptera: Halictidae]
- 3498 *Andrena nigrae* R.H. [Hymenoptera: Andrenidae]
- 3499 *Andrena ramaleyi* Cockerell
[Hymenoptera: Andrenidae]
- 3500 *Andrena prunorum* Cockerell
[Hymenoptera: Andrenidae]
- 3501 *Nomadopsis scitula* Cresson
[Hymenoptera: Andrenidae]
- 3502 *Perdita stottleri* Cockerell
[Hymenoptera: Andrenidae]
- 3503 *Perdita caloneura* Cockerell
[Hymenoptera: Andrenidae]
- 3504 *Perdita cortifoliae* Cockerell
[Hymenoptera: Andrenidae]
- 3505 *Perdita nuda* Cockerell [Hymenoptera: Andrenidae]
- 3506 *Perdita zebrata* Cresson
[Hymenoptera: Andrenidae]
- 3507 *Colletes dissoptus* Timberlake
[Hymenoptera: Colletidae]
- 3508 *Colletes simulans* Cresson
[Hymenoptera: Colletidae]
- 3509 *Hylaeus stevensi* Crawford
[Hymenoptera: Colletidae]
- 3510 *Hylaeus affinis* F. Smith
[Hymenoptera: Colletidae]
- 3511 *Hylaeus cressoni* (Cockerell)
[Hymenoptera: Colletidae] Immature/Adult
Guild: ?/Nectar, pollen feeder
- 3512 *Hylaeus* nr. *calvus* Metz
[Hymenoptera: Colletidae]
- 3513 *Dasymutilla vestita* (Lep.)
[Hymenoptera: Mutillidae]
- 3514 *Ephuta* spp. [Hymenoptera: Mutillidae]
- 3515 *Clastoptera arborina* Ball
[Homoptera: Cercopidae]
- 3516 *Campsoscolia alcione* [Hymenoptera: Scoliididae]
- 3517 *Ancistrocerus* spp. [Hymenoptera: Vespidae]
- 3518 *Ancistrocerus adiabatus* (Say)
(Saussure) [Hymenoptera: Vespidae]
- 3519 *Euodynerus auranus* (Cameron)
[Hymenoptera: Eumenidae]
- 3520 *Eumenus bollii* Cresson [Hymenoptera: Eumenidae]

- 3521 *Euodynerus exoglyphus albovittatus*
R. Bohart [Hymenoptera: Eumenidae]
- 3522 *Euodynerus foraminalus blandinus*
(Roh.) [Hymenoptera: Eumenidae]
- 3523 *Euodynerus* spp. [Hymenoptera:
Eumenidae]
- 3524 *Microdynerus bakirianus* Carn.
[Hymenoptera: Vespidae]
- 3525 *Parancistrocerus minimoferus* R.
Bohart [Hymenoptera: Vespidae]
- 3526 *Pterocheilus quinquefasciatus* Say
[Hymenoptera: Vespidae]
- 3527 *Pterocheilus* spp. [Hymenoptera:
Vespidae]
- 3528 *Stenodynerus anormis* (Say)
[Hymenoptera: Vespidae]
- 3529 *Stenodynerus apache* R. Bohart
[Hymenoptera: Vespidae]
- 3530 *Pisonopsis* spp. [Hymenoptera:
Sphecidae]
- 3531 *Plenoculus* spp. [Hymenoptera:
Sphecidae]
- 3532 *Podalonia mexicana* (Saussure)
[Hymenoptera: Sphecidae]
- 3533 *Podalonia sericea* Murray
[Hymenoptera: Sphecidae]
- 3534 *Solierella* spp. [Hymenoptera:
Sphecidae]
- 3535 *Steniolia elegans* J. Parker
[Hymenoptera: Sphecidae]
- 3536 *Stictiella nubilosa* Gillasp
[Hymenoptera: Sphecidae]
- 3537 *Stictiella plana* Fox [Hymenoptera:
Sphecidae]
- 3538 *Stizoides unicinctus* Say
[Hymenoptera: Sphecidae]
- 3539 *Tachysphex alpestris* Roh.
[Hymenoptera: Sphecidae]
- 3540 *Tachysphex tarsatus* Say
[Hymenoptera: Sphecidae]
- 3541 *Tachysphex* spp. [Hymenoptera:
Sphecidae]
- 3542 *Tachytes hesperus* Bes. [Hymenoptera:
Sphecidae]
- 3543 *Tachytes distinctus* Smith
[Hymenoptera: Sphecidae]
- 3544 *Tachytes nevadensis* R. Bohart
[Hymenoptera: Sphecidae]
- 3545 *Tachytes ermineus* Banks
[Hymenoptera: Sphecidae]
- 3546 *Zanysson texanus* (Cresson)
[Hymenoptera: Sphecidae]
- 3547 *Ageniella euphorbiae* Vier.
[Hymenoptera: Pompilidae]
- 3548 *Ageniella conflicta* (Banks)
[Hymenoptera: Pompilidae]
- 3549 *Ageniella* spp. [Hymenoptera:
Pompilidae]
- 3550 *Agenioideus biedermani* (Banks)
[Hymenoptera: Pompilidae]
- 3551 *Anoplius insolens* (Banks)
[Hymenoptera: Pompilidae]
- 3552 *Anoplius americanus ambiuguus* (Dlb.)
[Hymenoptera: Pompilidae]
- 3553 *Anoplius relativus* (Fox)
[Hymenoptera: Pompilidae]
- 3554 *Anoplius illinoensis* [Hymenoptera:
Pompilidae]
- 3555 *Aporinellus fasciatus* (Smith)
[Hymenoptera: Pompilidae]
- 3556 *Aporinellus yucatanensis* (Cameron)
[Hymenoptera: Pompilidae]
- 3557 *Aporinellus medianus* Banks
[Hymenoptera: Pompilidae]
- 3558 *Ceropales brevicornis* Patton
[Hymenoptera: Pompilidae]
- 3559 *Evagetes padrinus padrinus* (Vier.)
[Hymenoptera: Pompilidae]
- 3560 *Evagetes hyacinthinus* (Cresson)
[Hymenoptera: Pompilidae]
- 3561 *Aporus luxus* (Banks) [Hymenoptera:
Pompilidae]
- 3562 *Eusimulium* spp. [Diptera:
Simuliidae]
- 3563 *Euxoriste occidentalis* Coq.
[Diptera: Sciaridae]
- 3564 *Stragania rufoscutellata* (Baker)
[Homoptera: Cicadellidae]
- 3565 *Bibio* spp. [Diptera: Bibionidae]
- 3566 *Apolysis* spp. [Diptera:
Bombyliidae]
- 3567 *Poecilanthrax halycon* Say [Diptera:
Bombyliidae]
- 3568 *Leptogaster* spp. [Diptera:
Bombyliidae]
- 3569 *Holopogon* spp. [Diptera: Asilidae]

- 3570 *Chrysops discalis* Will. [Diptera: Tabanidae]
- 3571 *Scenopinus* spp. [Diptera: Scenopinidae]
- 3572 *Thrypticus* spp. [Diptera: Empididae]
- 3573 *Philophuga uteana* Csy. [Coleoptera: Carabidae]
- 3574 *Pseudoluperus longulus* LeConte [Coleoptera: Chrysomelidae]
- 3575 *Glyptoscelis* spp. [Coleoptera: Chrysomelidae]
- 3576 *Idiocerus amoenus* Van Duzee [Homoptera: Cicadellidae]
- 3577 *Ceutorhyncus adpersulus* Dietz [Coleoptera: Curculionidae]
- 3578 *Hippodamia tredecimpunctata* Linnaeus [Coleoptera: Coccinellidae]
- 3579 *Hyperaspidium vettigera* Leconte [Coleoptera: Coccinellidae]
- 3580 *Limonius* spp. [Coleoptera: Elateridae]
- 3581 *Cardiophorus* spp. [Coleoptera: Elateridae]
- 3582 *Chalarus* spp. [Diptera: Pipunculidae]
- 3583 *Zodion intermedium* Bks. [Diptera: Pipunculidae]
- 3584 *Chrysotoxum coloradense* Gr. [Diptera: Syrphidae]
- 3585 *Sphaerophoria* spp. [Diptera: Syrphidae]
- 3586 *Ocyptamus lemur* (Osten Sacken) [Diptera: Syrphidae]
- 3587 *Prorates claripennis* Mel. [Diptera: Syrphidae]
- 3588 *Allotricophora* spp. [Diptera: Ephydriidae]
- 3589 *Chamaemyia varipes* Coq. [Diptera: Chamaemyiidae]
- 3590 *Calycomyza* spp. [Diptera: Milichiidae]
- 3591 *Melanagromyza nr. virescens* Loew [Diptera: Agromyzidae]
- 3592 *Eutreta pollinosa* Curran [Diptera: Tephritidae]
- 3593 *Neaspilota finalis* (Linnaeus) [Diptera: Tephritidae]
- 3594 *Stylia steyskali* (Novak) [Diptera: Tephritidae]
- 3595 *Hemiglyptus basalis* (Crotch) (Rose flea beetle) [Coleoptera: Chrysomelidae]
- 3596 *Trirhabda diducta* Horn [Coleoptera: Chrysomelidae]
- 3597 *Ophiomyia atriplicis* Spencer & Hawkins [Diptera: Agromyzidae]
- 3598 *Pnigalio flavipes* Ashmead [Hymenoptera: Eulophidae]
- 3599 *Periploca atrata* Hodges [Lepidoptera: Gelechiidae]
- 3600 *Epinotia kasloana* McDunnough [Lepidoptera: Tortricidae]
Immature/Adult Guild: Internal fruit feeder/?
- 3601 *Platygaster pini* Fouts [Hymenoptera: Platygasteridae] Immature/Adult Guild: Endoparasite/?
- 3602 *Aphis schuhi* Robinson [Homoptera: Aphididae]
- 3603 *Aphis holodisci* Robinson [Homoptera: Aphididae]
- 3604 *Ulophora timberlakei* Blanc. & Foote [Diptera: Tephritidae]
- 3605 *Piophila* spp. [Diptera: Piophilidae]
- 3606 *Aphaniosoma* spp. [Diptera: Chyromyidae]
- 3607 *Aceratagallia arida* Oman [Homoptera: Cicadellidae]
- 3608 *Ceratagallia* spp. [Homoptera: Cicadellidae]
- 3609 *Macropsis* spp. [Homoptera: Cicadellidae]
- 3610 *Idiocerus snowi* [Homoptera: Cicadellidae]
- 3611 *Idiocerus nervatus* Van Duzee [Homoptera: Cicadellidae]
- 3612 *Idiocerus ramentosus* (Uhler) [Homoptera: Cicadellidae]
- 3613 *Idiocerus rotundens* DeLong & Cald. [Homoptera: Cicadellidae]
- 3614 *Gypona melanota* (Spangb.) [Homoptera: Cicadellidae]
- 3615 *Pachyopsis laetus* Uhler [Homoptera: Cicadellidae]
- 3616 *Graphocephala confluens* (Uhler) [Homoptera: Cicadellidae]

- 3617 *Empoasca eniguae* Ross [Homoptera: Cicadellidae]
- 3618 *Erythroneura aspersa* [Homoptera: Cicadellidae]
- 3619 *Acinopterus viridis* Ball [Homoptera: Cicadellidae]
- 3620 *Balclutha impicta* (Van Duzee) [Homoptera: Cicadellidae]
- 3621 *Balclutha punctata* (Thunb.) [Homoptera: Cicadellidae]
- 3622 *Macrosteles snowi* [Homoptera: Cicadellidae]
- 3623 *Colladonus belli* (Uhler) [Homoptera: Cicadellidae]
- 3624 *Twiningia blanda* (Ball) [Homoptera: Cicadellidae]
- 3625 *Aligia oculea* (Ball) [Homoptera: Cicadellidae]
- 3626 *Norvellina* spp. [Homoptera: Cicadellidae]
- 3627 *Aplanus albidus* (Ball) [Homoptera: Cicadellidae]
- 3628 *Aplanus pauperculus* (Ball) [Homoptera: Cicadellidae]
- 3629 *Scleroracis plutonius* (Uhler) [Homoptera: Cicadellidae]
- 3630 *Idiodonus* spp. [Homoptera: Cicadellidae]
- 3631 *Hebecephalus sagittatus* [Homoptera: Cicadellidae]
- 3632 *Laevincephalus exiguus* Knull [Homoptera: Cicadellidae]
- 3633 *Mormoria bisignata* (Ball) [Homoptera: Cicadellidae]
- 3634 *Sorhoanus debilis* (Uhler) [Homoptera: Cicadellidae]
- 3635 *Cabrulus labeculus* (DeLong) [Homoptera: Cicadellidae]
- 3636 *Leptoglossus occidentalis* Heid. [Hemiptera: Coreidae]
- 3637 *Rhynocoris ventralis* (Say) [Hemiptera: Reduviidae]
- 3638 *Nabis vanduzeei* [Hemiptera: Nabidae]
- 3639 *Capsus cinctus* Kol. [Hemiptera: Miridae]
- 3640 *Hadronema princeps* Uhler [Hemiptera: Miridae]
- 3641 *Rhagoletis zephyria* Snow (Snowberry maggot) [Diptera: Tephritidae]
Immature/Adult Guild: Fruit feeder/?
- 3642 *Neolasioptera willistoni* (Cockerell) [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 3643 *Lasioptera tibialis* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 3644 *Lasioptera* spp. [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 3645 *Asphondylia atriplicis* Cockerell [Hymenoptera: Eulophidae]
- 3646 *Platygaster californica* (Ashmead) [Hymenoptera: Platygasteridae]
- 3647 *Platygaster lampronota* Fouts [Hymenoptera: Platygasteridae]
- 3648 *Zatropis capitis* Burks [Hymenoptera: Pteromalidae]
- 3649 *Gonioctena americana* (Schaeffer) [Coleoptera: Chrysomelidae]
Immature/Adult Guild: Leaf feeder/Leaf feeder
- 3650 *Tripedia nova* (Smith) [Lepidoptera: Noctuidae] Immature/Adult Guild: Defoliator, seed eater/?
- 3651 *Trichoclea antica* [Lepidoptera: Noctuidae]
- 3652 *Multareis cornutus* Goding [Homoptera: Membracidae]
- 3653 *Centrodontus atlas* Goding [Homoptera: Membracidae]
- 3654 *Multareoides bifurcatus* Cook [Homoptera: Membracidae]
- 3655 *Euphydryas gilletti* Barnes [Lepidoptera: Nymphalidae]
- 3656 *Eupelmella* spp. [Hymenoptera: Eupelmidae]
- 3657 *Olycella subumbrella* Dyar [Lepidoptera: Pyralidae]
- 3658 *Tetrastichus cecidobroter* Gordh & Hawkins [Hymenoptera: Eulophidae]
- 3659 *Lopidea dakota* Knight [Hemiptera: Miridae]
- 3660 *Melanotrichus althaea* Huss. [Hemiptera: Miridae]
- 3661 *Arhyssus* spp. [Hemiptera: Rhopalidae]
- 3662 *Stictopleurus* spp. [Hemiptera: Rhopalidae]

- 3663 *Clastoptera juniperina* Ball
[Homoptera: Cercopidae] Immature/Adult Guild: Leafroller/?
Oviposition Medium: Twig surfaces
- 3664 *Clastoptera delicata* Uhler
[Homoptera: Cercopidae] Immature/Adult Guild: Leafroller/?
- 3665 *Aphis* spp. [Homoptera: Aphididae]
- 3666 *Pseudoepameibaphis* spp.
[Homoptera: Aphididae]
- 3667 *Aphalonema* spp. [Homoptera: Issidae]
- 3668 *Hysteroptera cornutatum* (Melich)
[Homoptera: Issidae]
- 3669 *Thionia cornutatum* Van Duzee
[Homoptera: Issidae]
- 3670 *Petrova albicapitana arizonensis* (Heinrich) [Lepidoptera: Olethreutidae]
Immature/Adult Guild: Wood borer/?
- 3671 *Oeme costata* LeConte [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer/?
- 3672 *Pityogenes knechteli* Swaine
[Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle
- 3673 *Chrysobothris trinervia* (Kirby)
[Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 3674 *Melanophila piniedulis* Burke
[Coleoptera: Buprestidae] Immature/Adult Guild: Wood borer/? Oviposition Medium: Bark surfaces
- 3675 *Stephanophachys sobrinus* (Paykull)
[Coleoptera: Bostrichidae] Immature/Adult Guild: Wood borer/?
- 3676 *Chrysomela crotchii* Brown
[Coleoptera: Chrysomelidae] Immature/Adult Guild: ?/Leaf feeder
- 3677 *Acronicta lepusculina* Guenee (Cottonwood dagger moth) [Lepidoptera: Noctuidae] Immature/Adult Guild: Leaf feeder/?
- 3678 *Orthosia hibisci* (Guenee)
[Lepidoptera: Noctuidae] Immature/Adult Guild: Leaf feeder/?
- 3679 *Anacampsis niveopulvella* (Chambers)
[Lepidoptera: Gelechiidae] Immature/Adult Guild: Leaf feeder/?
- 3680 *Choristoneura conflictana* (Walker) (Large aspen tortrix) [Lepidoptera: Tortricidae] Immature/Adult Guild: Defoliator, leafroller/?
- 3681 *Epinotia criddleana* (Kearfott)
[Lepidoptera: Olethreutidae]
- 3682 *Pandemis canadana* Kearfott
[Lepidoptera: Tortricidae] Immature/Adult Guild: Leafroller/?
- 3683 *Pseudexentera oregonana* (Walsingham)
[Lepidoptera: Olethreutidae] Immature/Adult Guild: Leafroller/?
Overwintering Stage: Pupae Generations Per Year: 1
- 3684 *Alsophila pometaria* (Harris)
[Lepidoptera: Geometridae] Immature/Adult Guild: Skeletonizer/?
Oviposition Medium: Twig, branch surfaces
- 3685 *Biston cognataria* (Guenee) (Pepper-and-salt moth) [Lepidoptera: Geometridae]
Immature/Adult Guild: Leaf feeder/?
- 3686 *Erannis vancouverensis* Hulst
[Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
- 3687 *Itame loricaria* (Eversmann)
[Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
- 3688 *Operophtera bruceata* (Hulst) (Bruce spanworm) [Lepidoptera: Geometridae]
Immature/Adult Guild: Leaf feeder/?
Overwintering Stage: Eggs Oviposition Medium: Bark crevices
- 3689 *Lithocolletis tremuloidiella* Braun (Aspen blotchminer) [Lepidoptera: Gracilariidae] Immature/Adult Guild: Leaf miner/?
- 3690 *Phyllocnistis populiella* Chambers (Aspen leafminer) [Lepidoptera: Gracilariidae] Immature/Adult Guild: Leaf miner/?
Overwintering Stage: Adults Generations Per Year: 1
- 3691 *Procryphalus mucronatus* (LeConte)
[Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle
- 3692 *Trypophloeus populi* (Hopkins)
[Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle
- 3693 *Trypophloeus thatcheri* Wood
[Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle
- 3694 *Laspeyresia populana* Busck
[Lepidoptera: Olethreutidae]
- 3695 *Trypodendron retusum* (LeConte)
[Coleoptera: Scolytidae] Immature/Adult Guild: Bark beetle/Bark beetle
- 3696 *Saperda calcarata* Say (Poplar borer) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer: live wood/?
Overwintering Stage: Pupae Oviposition Medium: Bark surfaces
Generations Per Year: 1/2

- 3697 *Sthenopis quadriguttatus* Grote
(Ghost moth) [Lepidoptera: Hepialidae]
Immature/Adult Guild: Root borer/?
- 3698 *Desertana* spp. [Homoptera:
Dictyopharidae]
- 3699 *Avidia compressus* [Homoptera:
Dictyopharidae]
- 3700 *Andricus stellulus* Burnett
[Hymenoptera: Cynipidae] Immature/Adult
Guild: Gall former/?
- 3701 *Aciurina bigeloviae* (Cockerell)
[Diptera: Tephritidae] Immature/Adult
Guild: Gall former/?
- 3702 *Aciurina maculata* (Cole) [Diptera:
Tephritidae] Immature/Adult Guild: Gall
former/?
- 3703 *Crematogaster opuntiae* Buren
[Hymenoptera: Formicidae]
- 3704 *Pogonomyrmex desertorum*
[Hymenoptera: Formicidae]
- 3705 *Acanthoscelides submuticus* (Sharp)
[Coleoptera: Bruchidae] Immature/Adult
Guild: Internal seed feeder/?
- 3706 *Sennius celatus* (Sharp) [Coleoptera:
Bruchidae] Immature/Adult Guild:
Internal seed feeder/?
- 3707 *Chionanthobius autumnalis* Clark
[Coleoptera: Curculionidae]
Immature/Adult Guild: Internal seed
feeder/?
- 3708 *Lepturges vogti* Hovore [Coleoptera:
Cerambycidae] Immature/Adult Guild: Leaf
miner/?
- 3709 *Lepturges yucca* [Coleoptera:
Cerambycidae]
- 3710 *Synhalonia amoena* Zavortink
[Hymenoptera: Anthophoridae]
- 3711 *Synhalonia venusta* [Hymenoptera:
Anthophoridae]
- 3712 *Caliroa aethiops* Fabricius
(European rose slug) [Hymenoptera:
Tenthredinidae] Immature/Adult Guild:
Skeletonizer/? Overwintering Stage:
Pupae Generations Per Year: 1
- 3713 *Philolithus densicollis* (Horn)
[Coleoptera: Tenebrionidae]
- 3714 *Chionanthobius* spp. [Coleoptera:
Curculionidae]
- 3715 *Cradytes serricollis* (LeConte)
[Coleoptera: Melyridae] Immature/Adult
Guild: ?/Nectar,pollen feeder
- 3716 *Colletes phaceliae* Cockerell
[Hymenoptera: Colletidae] Immature/Adult
Guild: ?/Nectar,pollen feeder
- 3717 *Euxoa siccata* (Smith) [Lepidoptera:
Noctuidae] Immature/Adult Guild:
?/Nectar,pollen feeder
- 3718 *Schinia unimacula* Smith
[Lepidoptera: Noctuidae] Immature/Adult
Guild: ?/Nectar,pollen feeder
- 3719 *Crambus vulgivagellus* Clemens
[Lepidoptera: Olethreutidae]
Immature/Adult Guild: ?/Nectar,pollen
feeder
- 3720 *Epilachna varivestris* Mulsant
[Coleoptera: Chrysomelidae]
Immature/Adult Guild: ?/Petal feeder
- 3721 *Urophora timberlakei* Blanc & Foote
[Diptera: Tephritidae] Immature/Adult
Guild: Internal seed feeder/?
- 3722 *Calythea monticola* Bigot [Diptera:
Anthomyiidae] Immature/Adult Guild:
?/Nectar,pollen feeder
- 3723 *Bombus* spp. [Hymenoptera: Apidae]
Immature/Adult Guild: ?/Nectar,pollen
feeder
- 3724 *Cremnops vulgaris* (Cresson)
[Hymenoptera: Braconidae] Immature/Adult
Guild: ?/Nectar,pollen feeder
- 3725 *Trielis* spp. [Hymenoptera:
Scoliidae] Immature/Adult Guild:
?/Nectar,pollen feeder
- 3726 *Neotiphia* spp. [Hymenoptera:
Tiphidae] Immature/Adult Guild:
?/Nectar,pollen feeder
- 3727 *Diabrotica virgifera* LeConte
[Coleoptera: Chrysomelidae]
Immature/Adult Guild: ?/Pollen feeder
- 3728 *Amara idahoana* Casey [Coleoptera:
Carabidae] Immature/Adult Guild: ?/Seed
feeder
- 3729 *Osmia integra* [Hymenoptera:
Megachilidae] Immature/Adult Guild:
?/Leafcutter bee
- 3730 *Lopidea confluenta* (Say) [Hemiptera:
Miridae] Immature/Adult Guild: ?/Sap
feeder
- 3731 *Tegeticula yuccasella* (Riley)
[Lepidoptera: Incurvariidae]
Immature/Adult Guild: ?/Nectar,pollen
feeder
- 3732 *Diadasia* spp. [Hymenoptera:
Anthophoridae] Immature/Adult Guild:
?/Nectar,pollen feeder

- 3733 *Chirothrips* spp. [Thysanoptera: Thripidae]
- 3734 *Craspedolepta artemisiae* Forester [Homoptera: Psyllidae]
- 3735 *Crophius disconotus* [Hemiptera: Lygaeidae]
- 3736 *Phyllobaenus subfasciatus* (LeConte) [Coleoptera: Cleridae]
- 3737 *Epimechus gracilis* Fall [Coleoptera: Curculionidae]
- 3738 *Macrorhoptrus hispidus* Dietz [Coleoptera: Curculionidae]
- 3739 *Platypedia putnami lutea* Davis [Homoptera: Cicadidae]
- 3740 *Okanagana rimosa* Say [Homoptera: Cicadidae]
- 3741 *Tibicen* spp. [Homoptera: Cicadidae]
- 3742 *Schistocerca emarginata* [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 3743 *Schistocerca americana* [Orthoptera: Acrididae] Immature/Adult Guild: Leaf feeder/Leaf feeder
- 3744 *Eurytoma compressa* Bugbee [Hymenoptera: Eurytomidae] Immature/Adult Guild: Internal seed feeder/?
- 3745 *Eurytoma scabriterga* Bugbee [Hymenoptera: Eurytomidae]
- 3746 *Euphydryas chalcedona* Doubleday (Checkerspot or chalcedon) [Lepidoptera: Nymphalidae] Overwintering Stage: Larvae in webs Generations Per Year: Several
- 3747 *Megacheuma brevipennis tiemanni* Hovore [Coleoptera: Cerambycidae] Immature/Adult Guild: Root, stem borer/? Oviposition Medium: Soil, plant crowns
- 3748 *Serica* spp. [Coleoptera: Scarabaeidae]
- 3749 *Dichelonyx* spp. [Coleoptera: Scarabaeidae]
- 3750 *Ctenicera pruinina* [Coleoptera: Elateridae]
- 3751 *Dalopius* spp. [Coleoptera: Elateridae]
- 3752 *Dyslobus simplex* [Coleoptera: Curculionidae]
- 3753 *Hesperumia sulphuraria* Packard [Lepidoptera: Geometridae]
- 3754 *Tetanops myopaeformis* (Roder) (Sugarbeet root maggot) [Diptera: Otitidae] Immature/Adult Guild: Root feeder/?
- 3755 *Asidopsis opaca* (Say) [Coleoptera: Tenebrionidae]
- 3756 *Asidopsis polita* (Say) [Coleoptera: Tenebrionidae]
- 3757 *Gonosida elata* (LeConte) [Coleoptera: Tenebrionidae]
- 3758 *Eleodes nigrinis* LeConte [Coleoptera: Tenebrionidae]
- 3759 *Eleodes obscurus* (Say) [Coleoptera: Tenebrionidae]
- 3760 *Eleodes sponsus* LeConte [Coleoptera: Tenebrionidae]
- 3761 *Eleodes tricostatus* (Say) [Coleoptera: Tenebrionidae]
- 3762 *Embaphion contractum* LeConte [Coleoptera: Tenebrionidae]
- 3763 *Embaphion contusum* LeConte [Coleoptera: Tenebrionidae]
- 3764 *Leptura pacifica* (Linsley) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer/? Generations Per Year: 1/3
- 3765 *Purpuricenus dimidiatus* LeConte [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer/?
- 3766 *Vespa mima* spp. [Lepidoptera: Sesiidae]
- 3767 *Petrova* spp. [Lepidoptera: Olethreutidae]
- 3768 *Phyllotrox canyonaceris* Warner [Coleoptera: Curculionidae] Immature/Adult Guild: Internal seed feeder/? Overwintering Stage: Larvae Oviposition Medium: Seed surfaces
- 3769 *Incisitermes fruticavus* Rust [Isoptera: Kalotermitidae] Immature/Adult Guild: Stem borer/Stem borer
- 3770 *Hippomelas* spp. [Coleoptera: Buprestidae] Immature/Adult Guild: Stem borer/? Oviposition Medium: Bark surfaces
- 3771 *Metaponium convexicollis* (LeConte) [Coleoptera: Tenebrionidae] Immature/Adult Guild: Stem borer/?
- 3772 *Eleodes nigrina* [Coleoptera: Tenebrionidae]
- 3773 *Eleodes humeralis* [Coleoptera: Tenebrionidae]

- 3774 *Eleodes novoverrucula* [Coleoptera: Tenebrionidae]
- 3775 *Coniontis ovalis* [Coleoptera: Tenebrionidae]
- 3776 *Gloveria medusa editha* Johnson [Lepidoptera: Lasiocampidae]
Immature/Adult Guild: Leaf feeder/?
- 3777 *Anambodera luksani* Walters [Coleoptera: Buprestidae] Oviposition
Medium: Bark surfaces
- 3778 *Diplolepis ashmeadi* (Beutenmueller) [Hymenoptera: Cynipidae] Immature/Adult
Guild: Gall former/?
- 3779 *Diplolepis inconspicuis* Dailey & Campbell [Hymenoptera: Cynipidae]
Immature/Adult Guild: Gall former/?
- 3780 *Parandra marginicollis marginicollis* Schaeffer [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3781 *Prionus lecontei* Lameere [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3782 *Ergates pauper* Linsley [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 3783 *Tragosoma depsarius* (Linnaeus) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3784 *Xylosteus ornatus* LeConte [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3785 *Pyrotrichus vitticollis* LeConte [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer: injured
wood/?
- 3786 *Cortodera stolidus* (Casey) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3787 *Orthochoriolaus chihuahuae* (Bates) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3788 *Eudistenia costipennis* Fall [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3789 *Paranoplium gracile gracile* (LeConte) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3790 *Eburia falli* Linsley [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 3791 *Eburia ovicollis* LeConte [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3792 *Hesperanoplium antennatum* (Linsley) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3793 *Gnaphalodes trachyderoides* Thompson [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3794 *Osmidus guttatus* LeConte [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3795 *Knulliana cincta cincta* (Drury) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3796 *Tragidion coquus* (Linnaeus) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3797 *Tragidion peninsulare californicum* Linsley [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3798 *Tragidion gracilipes* Linsley [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3799 *Crossidius humeralis quadrivittatus* Penrose [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3800 *Crossidius militaris* Bates [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3801 *Deltaspis cruentus* (LeConte) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3802 *Chrotoma dunniana* Casey [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 3803 *Dendrobias mandibularis mandibularis* Audinet & Serville [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 3804 *Stenosphenus texanus* Knull [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3805 *Eustromula validum* (Horn) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3806 *Anelaphus inflaticollis* Chemsak [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3807 *Anelaphus debilis* (LeConte) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3808 *Poecilobrium chalybeum* (LeConte) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?

- 3809 *Molorchus bimaculatus californicus* Linsley [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3810 *Phymatodes decussatus decussatus* (LeConte) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3811 *Placosternus erythropus* (Chevrolat) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3812 *Tanyochraethes tildeni* Chemsak & Linsley [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3813 *Triodoclytus lanifer* (LeConte) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3814 *Rhopalophora angustata* Schaeffer [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3815 *Rhopalophora prorubra* Knull [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3816 *Rhopalophora bicolorella* Knull [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3817 *Lochmaoeclis marmoratus* Casey [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3818 *Tigrinestola tigrina* (Skinner) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3819 *Enaphalodes seminitidus* (Horn) [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3820 *Aneflus paracalvatus* Knull [Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 3821 *Pronuba yuccasella* Riley [Lepidoptera: Incurvariidae]
- 3822 *Tegeticula maculata* (Riley) [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Seed pod feeder/Nectar, pollen feeder
Oviposition Medium: Flowers, seed pods
- 3823 *Prodoxus aenescens* Riley [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Stem borer/?
- 3824 *Pronuba cinereus* Riley [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Stem borer/?
- 3825 *Pronuba marginatus* Riley [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Seed pod feeder/?
- 3826 *Tegeticula synthetica* (Riley) [Lepidoptera: Incurvariidae]
- Immature/Adult Guild: ?/Nectar, pollen feeder
- 3827 *Prodoxus sordidus* Riley [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Seed pod feeder/?
- 3828 *Prodoxus* spp. [Lepidoptera: Incurvariidae]
- 3829 *Prodoxus coloradensis* [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Stem borer/?
- 3830 *Parategeticula pollenifera* Davis [Lepidoptera: Incurvariidae]
Immature/Adult Guild: ?/Nectar, pollen feeder
- 3831 *Prodoxus ochrocarus* Davis [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Stem borer/?
- 3832 *Prodoxus y-inversus* Riley [Lepidoptera: Incurvariidae]
Immature/Adult Guild: Seed pod feeder/?
- 3833 *Heterospilus koebelei* (Ashmead) [Hymenoptera: Braconidae]
Immature/Adult Guild: Ectoparasite/?
Generations Per Year: Several
- 3834 *Eusandalum* spp. [Hymenoptera: Eupelmidae]
- 3835 *Eudecatoma flamminneiventris* (Girault) [Hymenoptera: Eupelmidae]
Immature/Adult Guild: Endoparasite/?
Generations Per Year: 1
- 3836 *Telenomus clisiocampae* Riley [Hymenoptera: Scelionidae]
Immature/Adult Guild: Egg parasite/?
- 3837 *Tetrastichus silvaticus* Gahan [Hymenoptera: Eulophidae]
Immature/Adult Guild: Egg parasite/?
- 3838 *Ooencyrtus clisiocampae* (Ashmead) [Hymenoptera: Encyrtidae]
Immature/Adult Guild: Egg parasite/?
- 3839 *Microrhopala rubrolineata rubrolineata* (Mannerheim) [Coleoptera: Chrysomelidae]
- 3840 *Microrhopala rubrolineata signaticollis* LeConte [Coleoptera: Chrysomelidae]
- 3841 *Microrhopala rubrolineata militaris* Van Dyke [Coleoptera: Chrysomelidae]
- 3842 *Rhopalomyia subhumilis* Gagne [Diptera: Cecidomyiidae]
- 3843 *Chrysolina flavomarginata* (Say) [Coleoptera: Chrysomelidae]
- 3844 *Tetrastichus cecidophagus* Wangberg [Hymenoptera: Eulophidae]

- 3845 *Tachypterellus quadrigibbus* Say
[Coleoptera: Curculionidae]
Immature/Adult Guild: Fruit feeder/Fruit feeder
- 3846 *Acmaeodera lanata* Horn [Coleoptera: Buprestidae] Oviposition Medium: Bark surfaces
- 3847 *Bembidion* spp. [Coleoptera: Carabidae]
- 3848 *Calosoma triste* LeConte [Coleoptera: Carabidae]
- 3849 *Calosoma* spp. [Coleoptera: Carabidae]
- 3850 *Harpalus corpulentus* (Csy.)
[Coleoptera: Carabidae]
- 3851 *Harpalus furtivus* (LeConte)
[Coleoptera: Carabidae]
- 3852 *Rhadine jejuna* LeConte [Coleoptera: Carabidae]
- 3853 *Rhadine* spp. [Coleoptera: Carabidae]
- 3854 *Selenophorus aeneopiceus* Csy.
[Coleoptera: Carabidae]
- 3855 *Moneilema obtusa* LeConte
[Coleoptera: Cerambycidae]
- 3856 *Prionus* spp. [Coleoptera: Cerambycidae]
- 3857 *Disonycha fumata* (LeConte)
[Coleoptera: Chrysomelidae]
- 3858 *Cymatodera fuchsi* Schaffer
[Coleoptera: Cleridae]
- 3859 *Cimbocera buchanani* Ting.
[Coleoptera: Curculionidae]
- 3860 *Cimbocera conspersa* Fall
[Coleoptera: Curculionidae]
- 3861 *Cimbocera petersoni* Tanner
[Coleoptera: Curculionidae]
- 3862 *Dinocleus angularis* (LeConte)
[Coleoptera: Curculionidae]
- 3863 *Eucyllus unicolor* Van Dyke
[Coleoptera: Curculionidae]
- 3864 *Eupagoderes varius* (LeConte)
[Coleoptera: Curculionidae]
- 3865 *Ophryastes sordidus* LeConte
[Coleoptera: Curculionidae]
- 3866 *Saprinus lugens* Et. [Coleoptera: Histeridae]
- 3867 *Pyrota mulabrina* Cher. [Coleoptera: Meloidae]
- 3868 *Collops femoratus* (Schaeffer)
[Coleoptera: Melyridae]
- 3869 *Ptinus* spp. [Coleoptera: Ptinidae]
- 3870 *Conotus lanchesteri* Van Dyke
[Coleoptera: Salpingidae]
- 3871 *Aphodius rubidus* (LeConte)
[Coleoptera: Scarabaeidae]
- 3872 *Polyphylla decemlineata* (Csy.)
[Coleoptera: Scarabaeidae]
- 3873 *Araeoschizus diciptiens* (Horn)
[Coleoptera: Tenebrionidae]
- 3874 *Chilometopon abnorme* Horn
[Coleoptera: Tenebrionidae]
- 3875 *Coniontis opacus* Horn [Coleoptera: Tenebrionidae]
- 3876 *Coniontis* spp. Doyen [Coleoptera: Tenebrionidae]
- 3877 *Edrotes leechi* Doyen [Coleoptera: Tenebrionidae]
- 3878 *Eleodes caudifera* LeConte
[Coleoptera: Tenebrionidae]
- 3879 *Eleodes hispilabris sculptilis* Blais. [Coleoptera: Tenebrionidae]
- 3880 *Eleodes immunis interstitialis* Blais. [Coleoptera: Tenebrionidae]
- 3881 *Eleodes leechi* Tanner [Coleoptera: Tenebrionidae]
- 3882 *Eleodes omissa pygmaea* Blais.
[Coleoptera: Tenebrionidae]
- 3883 *Eleodes porcata* Csy. [Coleoptera: Tenebrionidae]
- 3884 *Exchatomoxys tanneri* Sorenson & Stones [Coleoptera: Tenebrionidae]
- 3885 *Glyptasida* spp. (LeConte)
[Coleoptera: Tenebrionidae]
- 3886 *Hylocrinus delicatulus* Csy.
[Coleoptera: Tenebrionidae]
- 3887 *Metaponium* spp. [Coleoptera: Tenebrionidae]
- 3888 *Pelecyporus haruspex* Csy.
[Coleoptera: Tenebrionidae]
- 3889 *Sphaeriontis muricata* LeConte
[Coleoptera: Tenebrionidae]
- 3890 *Triorophus lariversi* Blais.
[Coleoptera: Tenebrionidae]
- 3891 *Triorophus tenebratulus* Csy.
[Coleoptera: Tenebrionidae]

- 3892 *Trogloclerus tuberculatus* Blais.
[Coleoptera: Tenebrionidae]
- 3893 *Schistocerca alutacea shoshone*
(Thomas) [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 3894 *Dactuliothrips spinosus* Moulton
[Thysanoptera: Aeolothripidae]
Immature/Adult Guild: Flower
feeder/Flower feeder
- 3895 *Scirtothrips ewarti* Bailey
[Thysanoptera: Thripidae] Immature/Adult
Guild: Flower feeder/Flower feeder
- 3896 *Amitermes minimus* Light [Isoptera:
Termitidae] Immature/Adult Guild: Stem
borer/Stem borer
- 3897 *Crophius* spp. [Hemiptera:
Lygaeidae]
- 3898 *Irbisia setosa* (Van Duzee)
[Hemiptera: Miridae]
- 3899 *Homalodisca lacerta* (Fowler)
[Homoptera: Cicadellidae]
- 3900 *Dictyssa marginepunctata* (Melich.)
[Homoptera: Issidae]
- 3901 *Dictyssa fenestrata* Ball [Homoptera:
Issidae]
- 3902 *Aspidiotus nerii* Bouche [Homoptera:
Diaspididae] Immature/Adult Guild: Leaf
feeder/Leaf feeder
- 3903 *Disaspis simmondsiae* Ferris
[Homoptera: Diaspididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 3904 *Situlaspis yuccae* (Cockerell)
[Homoptera: Diaspididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 3905 *Phenacoccus alleni* McKenzie
[Homoptera: Pseudococcidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 3906 *Phenacoccus solenopsis* Tinsley
[Homoptera: Pseudococcidae]
Immature/Adult Guild: Leaf, stem
feeder/Leaf, stem feeder
- 3907 *Puto simmondsiae* McKenzie
[Homoptera: Pseudococcidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 3908 *Spilococcus pressus* Ferris
[Homoptera: Pseudococcidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 3909 *Megorama frontalis* (LeConte)
[Coleoptera: Anobiidae]
- 3910 *Tricorynus obsoletus* (LeConte)
[Coleoptera: Anobiidae] Immature/Adult
Guild: Seed feeder/Seed feeder
- 3911 *Amphicerus simplex* (Horn)
[Coleoptera: Bostrichidae]
Immature/Adult Guild: Stem borer/Stem
borer
- 3912 *Acmaeodera dolorosa* Fall [Coleoptera:
Buprestidae] Immature/Adult Guild: Stem
borer/? Oviposition Medium: Bark
surfaces
- 3913 *Chrysobothris lucana* Horn
[Coleoptera: Buprestidae] Immature/Adult
Guild: Stem borer/? Oviposition Medium:
Bark surfaces
- 3914 *Trichinorhipis knulli* Barr
[Coleoptera: Buprestidae] Immature/Adult
Guild: Stem borer/? Oviposition Medium:
Bark surfaces
- 3915 *Pseudomethia arida* Linsley
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Stem borer/?
- 3916 *Anacamptodes sanctissima* (B. & McD.)
[Lepidoptera: Geometridae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 3917 *Holocera* spp. [Lepidoptera:
Blastobasidae] Immature/Adult Guild:
Decayed fruit feeder/?
- 3918 *Anacamptodes clivinaria impia* Rindge
[Lepidoptera: Geometridae]
Immature/Adult Guild: Leaf feeder/?
- 3919 *Pero mcdunnoughi* C. & S.
[Lepidoptera: Geometridae]
Immature/Adult Guild: Leaf feeder/?
- 3920 *Synaxis hirsutaria* B. & McD.
[Lepidoptera: Geometridae]
Immature/Adult Guild: Leaf feeder/?
- 3921 *Xylomyges curialis* Grote
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Leaf feeder/?
- 3922 *Sosipatra thurberiae* (Dyar)
[Lepidoptera: Pyralidae] Immature/Adult
Guild: Decayed fruit feeder/?
- 3923 *Hemileuca electra* Wright
[Lepidoptera: Saturniidae]
Immature/Adult Guild: Leaf feeder/?
- 3924 *Periploca* spp. [Lepidoptera:
Walshiidae] Immature/Adult Guild: Leaf
miner/?
- 3925 *Orgyia vetusta* (Boisduvall)
[Lepidoptera: Lymantriidae]
Immature/Adult Guild: Leaf feeder/?
- 3926 *Aeoloplides turnbulli turnbulli*
(Thomas) [Orthoptera: Acrididae]

Immature/Adult Guild: Leaf feeder/Leaf feeder

3927 *Arphia* spp. [Orthoptera: Acrididae]

3928 *Boopedon nubilum* (Say) [Orthoptera: Acrididae]

3929 *Dactylotum bicolor pictum* (Thomas) [Orthoptera: Acrididae]

3930 *Hippiscus rugosus* (Scudder) [Orthoptera: Acrididae]

3931 *Melanoplus borealis junius* (Dodge) [Orthoptera: Acrididae]

3932 *Melanoplus dawsoni* (Scudder) [Orthoptera: Acrididae]

3933 *Melanoplus femurrubrum femurrubrum* (DeGeer) [Orthoptera: Acrididae]

3934 *Melanoplus flavidus* (Scudder) [Orthoptera: Acrididae]

3935 *Melanoplus keeleri* (Thomas) [Orthoptera: Acrididae]

3936 *Melanoplus scudderi scudderi* (Uhler) [Orthoptera: Acrididae]

3937 *Orphulella speciosa* (Scudder) [Orthoptera: Acrididae]

3938 *Pardalophora haldemanii* (Scudder) [Orthoptera: Acrididae]

3939 *Phoetaliotes nebrascensis* (Thomas) [Orthoptera: Acrididae]

3940 *Spharagemon* spp. [Orthoptera: Acrididae]

3941 *Melanoplus bowditchi canus* (Hebard) [Orthoptera: Acrididae]

3942 *Ageneotettix deorum deorum* (Scudder) [Orthoptera: Acrididae]

3943 *Chorthippus longicornis* (Latreille) [Orthoptera: Acrididae]

3944 *Cordillacris occipitalis cinerea* (Bruner) [Orthoptera: Acrididae]

3945 *Hesperotettix viridis pratensis* (Scudder) [Orthoptera: Acrididae]

3946 *Melanoplus flavidus flavidus* (Scudder) [Orthoptera: Acrididae]

3947 *Melanoplus keeleri luridus* (Dodge) [Orthoptera: Acrididae]

3948 *Melanoplus borealis* (Fieber) [Orthoptera: Acrididae]

3949 *Termes flavipes* Kollar [Isoptera: Family?] Immature/Adult Guild: Dead stem borer/Dead stem borer

3950 *Liotropis contaminatus* Uhler [Hemiptera: Family?] Immature/Adult Guild: Fruit feeder/Fruit feeder

3951 *Chelinidea* spp. Burmeister [Hemiptera: Coreidae]

3952 *Largus succinctus* Linnaeus [Hemiptera: Largidae]

3953 *Lopidea cuneata* Van Duzee [Hemiptera: Miridae]

3954 *Ocerometopus nigriclavus* Reuter [Hemiptera: Family?]

3955 *Hadronema robusta* Uhler [Hemiptera: Miridae]

3956 *Stylopidea picta* Uhler [Hemiptera: Family?]

3957 *Sixeonotus luteiceps* Reuter [Hemiptera: Miridae]

3958 *Macrotylus verticalis* Uhler [Hemiptera: Miridae]

3959 *Corythucha decens* Stal [Hemiptera: Tingidae]

3960 *Proarna valvata* Uhler [Homoptera: Cicadidae]

3961 *Narnia femorata* Stal [Hemiptera: Coreidae] Immature/Adult Guild: Fruit feeder/Fruit feeder

3962 *Dendrocoris contaminatus* Uhler [Hemiptera: Pentatomidae]

3963 *Narnia pallidicornis* Stal [Hemiptera: Coreidae]

3964 *Narnia snowi* Van Duzee [Hemiptera: Coreidae]

3965 *Platymetopius fuseifrons* Van Duzee [Homoptera: Cicadellidae]

3966 *Dictyobia permutata* Uhler [Homoptera: Issidae]

3967 *Margarodes* spp. [Homoptera: Margarodidae]

3968 *Eriococcus coccineus* Cockerell [Homoptera: Eriococcidae]

3969 *Dactylopius confusus* Cockerell (Cottony cochineal scale) [Homoptera: Dactylopiidae]

3970 *Dactylopius tomentosus* Lamarck (Cottony cochineal scale) [Homoptera: Dactylopiidae]

3971 *Pseudococcus virgatus* Cockerell [Homoptera: Pseudococcidae]

3972 *Myzus ribis* Linnaeus (Currant aphid) [Homoptera: Aphididae]

Overwintering Stage: Eggs Oviposition
Medium: Bark surfaces

3973 *Ripersia* spp. [Homoptera:
Pseudococcidae]

3974 *Diaspis cacti* Comstock [Homoptera:
Diaspididae]

3975 *Trichochrous texanus* LeConte
[Coleoptera: Melyridae]

3976 *Allorhina mutabilis* Gory or G. & P.
(Green fruit or peach beetle)
[Coleoptera: Scarabaeidae]

3977 *Moneilema crassum* Horn [Coleoptera:
Cerambycidae]

3978 *Moneilema annulatum* Say [Coleoptera:
Cerambycidae]

3979 *Moneilema semipunctatum* LeConte
[Coleoptera: Cerambycidae]

3980 *Moneilema spoliatum* Horn
[Coleoptera: Cerambycidae]

3981 *Coenopoeus palmeri* LeConte
[Coleoptera: Cerambycidae]

3982 *Disonycha varicornis* Horn
[Coleoptera: Curculionidae]

3983 *Gerstaeckeria bifasciata* Gerstaecker
[Coleoptera: Curculionidae]

3984 *Gerstaeckeria nobilis* LeConte
[Coleoptera: Curculionidae]

3985 *Gerstaeckeria porosa* LeConte
[Coleoptera: Curculionidae]

3986 *Gerstaeckeria clathrata* LeConte
[Coleoptera: Curculionidae]

3987 *Gerstaeckeria opuntiae* Pierce
[Coleoptera: Curculionidae]

3988 *Gerstaeckeria cactophaga* Pierce
[Coleoptera: Curculionidae]

3989 *Onychobaris mystica* Casey
[Coleoptera: Curculionidae]

3990 *Cactophagus spinolae* Gyllenhal
[Coleoptera: Family?]

3991 *Cactopinus hubbardi* Schwarz
[Coleoptera: Scolytidae]

3992 *Apantes arge* Drury [Lepidoptera:
Arctiidae]

3993 *Chorizagrotis soror* Smith
[Lepidoptera: Noctuidae]

3994 *Mimorista flavidissimalis* Grote
[Lepidoptera: Pyralidae]

3995 *Cornifrons elautalis* Grote
[Lepidoptera: Pyralidae]

3996 *Dicymolomia opuntialis* Dyar
[Lepidoptera: Pyralidae]

3997 *Dicymolomia julianalis* Walker
[Lepidoptera: Pyralidae]

3998 *Ozamia lucidalis* Walker
[Lepidoptera: Pyralidae]

3999 *Melitara junctolinella* Hulst
[Lepidoptera: Pyralidae]

4000 *Melitara fernaldialis* Hulst
[Lepidoptera: Pyralidae]

4001 *Dyotopasta yumaella* Kearfott
[Lepidoptera: Tineidae]

4002 *Polistes rubiginosus* Lepeletier
[Hymenoptera: Vespidae]

4003 *Polistes flavus* Cresson
[Hymenoptera: Vespidae]

4004 *Polistes texanus* Cresson
[Hymenoptera: Vespidae]

4005 *Asphondylia betheli* Cockerell
[Diptera: Cecidomyiidae]

4006 *Asphondylia arizonensis* Felt
[Diptera: Cecidomyiidae]

4007 *Sesia tipuliformis* Clerck (Currant
cane borer) [Lepidoptera: Sesiidae]
Immature/Adult Guild: Stem borer/?
Overwintering Stage: Larvae Oviposition
Medium: Bark surfaces Generations Per
Year: 1

4008 *Xylocrius cribratus* Lax.
[Coleoptera: Family?]

4009 *Kaloterms arizonensis* Snyder
[Isoptera: Kalotermitidae]
Immature/Adult Guild: Termite/Termite

4010 *Kaloterms lighti* Snyder [Isoptera:
Kalotermitidae] Immature/Adult Guild:
Termite/Termite

4011 *Euaresta bellula* [Diptera:
Tephritidae]

4012 *Euaresta stigmatica* [Diptera:
Tephritidae]

4013 *Tomoplagia cressoni* [Diptera:
Tephritidae]

4014 *Orellia occidentalis* [Diptera:
Tephritidae]

4015 *Tephritis araneosa* (Coquillett)
[Diptera: Tephritidae]

4016 *Euaresta aequalis* [Diptera:
Tephritidae]

- 4017 *Eutreta pacifica* [Diptera: Tephritidae]
- 4018 *Euarestoides acutangula* (Thomson) [Diptera: Tephritidae]
- 4019 *Tephritis ovatipennis* [Diptera: Tephritidae]
- 4020 *Trypeta angustigena* [Diptera: Tephritidae]
- 4021 *Orellia undosa* [Diptera: Tephritidae]
- 4022 *Neaspilota brunneostigmata* [Diptera: Tephritidae]
- 4023 *Trupanea californica* [Diptera: Tephritidae]
- 4024 *Valentibulla californica* [Diptera: Tephritidae]
- 4025 *Trupanea pseudovicina* [Diptera: Tephritidae]
- 4026 *Euaresta bullans* [Diptera: Tephritidae]
- 4027 *Trupanea wheeleri* [Diptera: Tephritidae]
- 4028 *Acinia fucata* [Diptera: Tephritidae]
- 4029 *Tephritis californica* [Diptera: Tephritidae]
- 4030 *Eutreta baccharis* [Diptera: Tephritidae]
- 4031 *Euarestoides arnaudi* Foote [Diptera: Tephritidae]
- 4032 *Paracantha cultaris* [Diptera: Tephritidae]
- 4033 *Tephritis rufipennis* [Diptera: Tephritidae]
- 4034 *Tephritis arizonensis* [Diptera: Tephritidae]
- 4035 *Aciurina aplopappi* [Diptera: Tephritidae]
- 4036 *Tephritis signatipennis* [Diptera: Tephritidae]
- 4037 *Rhagoletis berberis* [Diptera: Tephritidae]
- 4038 *Neaspilota signifera* [Diptera: Tephritidae]
- 4039 *Aciurina trilitura* [Diptera: Tephritidae]
- 4040 *Eutreta hespera* [Diptera: Tephritidae]
- 4041 *Paracantha gentilis* [Diptera: Tephritidae]
- 4042 *Tephritis opacipennis* [Diptera: Tephritidae]
- 4043 *Trupanea imperfecta* [Diptera: Tephritidae]
- 4044 *Euaresta tapetis* [Diptera: Tephritidae]
- 4045 *Euarestoides flava* [Diptera: Tephritidae]
- 4046 *Procecidochares anthracina* [Diptera: Tephritidae]
- 4047 *Procecidochares stonei* Blanc & Foote [Diptera: Tephritidae] Immature/Adult Guild: Gall former/? Generations Per Year: 1
- 4048 *Tephritis labecula* [Diptera: Tephritidae]
- 4049 *Tephritis stigmatica* (Coquillett) [Diptera: Tephritidae] Immature/Adult Guild: Flower feeder/?
- 4050 *Rhagoletis tabellaria* [Diptera: Tephritidae]
- 4051 *Trupanea conjuncta* [Diptera: Tephritidae]
- 4052 *Dioxyna picciola* [Diptera: Tephritidae]
- 4053 *Paroxyna corpulenta* [Diptera: Tephritidae]
- 4054 *Paroxyna americana* [Diptera: Tephritidae]
- 4055 *Rhagoletis cingulata* indifferens [Diptera: Tephritidae]
- 4056 *Rhagoletis fausta* [Diptera: Tephritidae]
- 4057 *Rhagoletis ribicola* [Diptera: Tephritidae]
- 4058 *Rhagoletis basiola* (Osten Sacken) [Diptera: Tephritidae]
- 4059 *Orellia ruficauda* [Diptera: Tephritidae]
- 4060 *Pityokteines ornatus* [Coleoptera: Scolytidae]
- 4061 *Pityophthorus modicus* [Coleoptera: Scolytidae]
- 4062 *Cactopinus koebeli* [Coleoptera: Scolytidae]
- 4063 *Cactopinus pini* [Coleoptera: Scolytidae]

- 4064 *Carphoborus frontalis* [Coleoptera: Scolytidae]
- 4065 *Carphoborus simplex* [Coleoptera: Scolytidae]
- 4066 *Dendroctonus valens* [Coleoptera: Scolytidae]
- 4067 *Myeloborus keeni* [Coleoptera: Scolytidae]
- 4068 *Pityophthorus blandus* [Coleoptera: Scolytidae]
- 4069 *Pityophthorus confertus* [Coleoptera: Scolytidae]
- 4070 *Pityophthorus digestus* [Coleoptera: Scolytidae]
- 4071 *Pityophthorus grandis* [Coleoptera: Scolytidae]
- 4072 *Pityophthorus monophyllae* [Coleoptera: Scolytidae]
- 4073 *Pityophthorus punctifrons* [Coleoptera: Scolytidae]
- 4074 *Pityophthorus singularis* [Coleoptera: Scolytidae]
- 4075 *Pityophthorus tuberculatus* [Coleoptera: Scolytidae]
- 4076 *Aonidiella aurantii* (Maskell) [Homoptera: Diaspididae]
- 4077 *Aspidiotus hederae* (Vallot) (Ivy or oleander scale) [Homoptera: Diaspididae]
Immature/Adult Guild: Sap feeder/Sap feeder
- 4078 *Parlatoria proteus* (Curtis) [Homoptera: Diaspididae]
- 4079 *Clavaspis covilleae* (Ferris) [Homoptera: Diaspididae]
- 4080 *Chrysomphalus bifasciculatus* Ferris [Homoptera: Diaspididae]
- 4081 *Fiorinia fiorinae* (Targioni) [Homoptera: Diaspididae]
- 4082 *Parlatoreopsis chinensis* (Marlatt) [Homoptera: Diaspididae]
- 4083 *Dynaspidiotus britannicus* (Newstead) [Homoptera: Diaspididae]
- 4084 *Parlatoria camelliae* (Comstock) [Homoptera: Diaspididae]
- 4085 *Chionaspis furfura* (Fitch) (Scurfy scale) [Homoptera: Diaspididae]
- 4086 *Chionaspis wistariae* Cooley [Homoptera: Diaspididae]
- 4087 *Diaspidiotus aesculi* (Johnson) [Homoptera: Diaspididae]
- 4088 *Aonidiella citrina* (Coquillett) [Homoptera: Diaspididae]
- 4089 *Aspidaspis densiflorae* (Bremner) [Homoptera: Diaspididae]
- 4090 *Parlatoria oleae* (Colvee) [Homoptera: Diaspididae]
- 4091 *Chrysomphalus dictyosperimi* (Morgan) (Spanish red or dictyospermum scale) [Homoptera: Diaspididae]
- 4092 *Diaspis boisduvalii* Signoret [Homoptera: Diaspididae]
- 4093 *Hemiberlesia cyanophyllii* (Signoret) [Homoptera: Diaspididae]
- 4094 *Unaspis euonymi* (Comstock) [Homoptera: Diaspididae]
- 4095 *Aonidomytilus variabilis* Ferris [Homoptera: Diaspididae]
- 4096 *Parlatoria pittospori* Maskell [Homoptera: Diaspididae]
- 4097 *Aonidomytilus bilobis* Ferris [Homoptera: Diaspididae]
- 4098 *Aonidomytilus concolor* (Cockerell) (Concolor scale) [Homoptera: Diaspididae]
- 4099 *Situlaspis atriplicis* (Ferris) [Homoptera: Diaspididae]
- 4100 *Nilotaspis halli* (Green) [Homoptera: Diaspididae]
- 4101 *Rhizaspidiotus dearnessi* (Cockerell) [Homoptera: Diaspididae]
- 4102 *Lindingaspis rossi* (Maskell) [Homoptera: Diaspididae]
- 4103 *Hemiberlesia popularum* (Marlatt) [Homoptera: Diaspididae]
- 4104 *Targionia bigeloviae* (Cockerell) [Homoptera: Diaspididae]
- 4105 *Lepidosaphes machili* (Maskell) [Homoptera: Diaspididae]
- 4106 *Diaspidiotus osborni* (Newell & Cockerell) [Homoptera: Diaspididae]
- 4107 *Chionaspis corni* Cooley [Homoptera: Diaspididae]
- 4108 *Chionaspis salicisnigrae* (Walsh) (Black willow scale) [Homoptera: Diaspididae]
Immature/Adult Guild: Sap feeder: bark/Sap feeder: bark
- 4109 *Clavaspis disclusa* Ferris [Homoptera: Diaspididae]

- 4110 *Melanaspis obscura* (Comstock)
[Homoptera: Diaspididae]
- 4111 *Parlatoria theae* Cockerell
[Homoptera: Diaspididae]
- 4112 *Quadraspidiotus juglans-regiae*
(Comstock) [Homoptera: Diaspididae]
- 4113 *Aspidaspis arctostaphyli* (Cockerell
& Robbins) [Homoptera: Diaspididae]
- 4114 *Diaspis manzanitae* (Whitney)
[Homoptera: Diaspididae]
- 4115 *Pallulaspis ephedrae* Ferris
[Homoptera: Diaspididae]
- 4116 *Neopinnaspis harperi* McKenzie
[Homoptera: Diaspididae]
- 4117 *Rugaspidotus arizonicus* (Cockerell)
[Homoptera: Diaspididae]
- 4118 *Pinnaspis strachani* (Cooley)
[Homoptera: Diaspididae]
- 4119 *Hemiberlesia lataniae* (Signoret)
[Homoptera: Diaspididae]
- 4120 *Pinnaspis aspidistrae* (Signoret)
(Aspidistra scale) [Homoptera:
Diaspididae]
- 4121 *Pinnaspis buxi* (Bouche) [Homoptera:
Diaspididae]
- 4122 *Situlaspis daleae* Ferris [Homoptera:
Diaspididae]
- 4123 *Xerophilaspis prosopidis* (Cockerell)
[Homoptera: Diaspididae]
- 4124 *Parlatoria pergandii* Comstock
[Homoptera: Diaspididae]
- 4125 *Diaspidiotus ancylus* (Putnam)
[Homoptera: Diaspididae]
- 4126 *Diaspidiotus uvae* (Comstock)
[Homoptera: Diaspididae]
- 4127 *Hemiberlesia howardi* (Cockerell)
[Homoptera: Diaspididae]
- 4128 *Chionaspis americana* (Johnson)
[Homoptera: Diaspididae]
- 4129 *Pseudaulacaspis pentagona* (Targioni)
[Homoptera: Diaspididae]
- 4130 *Fiorinia juniperi* (Bouche)
[Homoptera: Diaspididae]
- 4131 *Diaspidiotus coniferarum* (Cockerell)
[Homoptera: Diaspididae]
- 4132 *Lineaspis cupressi* (Coleman)
[Homoptera: Diaspididae]
- 4133 *Aonidia shastae* (Coleman)
[Homoptera: Diaspididae]
- 4134 *Carulaspis minima* (Targioni)
[Homoptera: Diaspididae]
- 4135 *Carulaspis visci* (Schrank) (Juniper
scale) [Homoptera: Diaspididae]
- 4136 *Lepidosaphes maskelli* (Cockerell)
[Homoptera: Diaspididae]
- 4137 *Rugaspidotus nebulosus* Ferris
[Homoptera: Diaspididae]
- 4138 *Aonidomytilus ceanothi* (Ferris)
[Homoptera: Diaspididae]
- 4139 *Chionaspis sassceri* Cockerell &
Robbins [Homoptera: Diaspididae]
- 4140 *Quadraspidiotus forbesi* (Johnson)
[Homoptera: Diaspididae]
- 4141 *Aspidiotus spinosus* Comstock
[Homoptera: Diaspididae]
- 4142 *Aulacaspis rosae* (Bouche) (Rose
scale) [Homoptera: Diaspididae]
- 4143 *Selenaspis articulatus* (Morgan)
[Homoptera: Diaspididae]
- 4144 *Epidiaspis salicicola* Ferris
[Homoptera: Diaspididae]
- 4145 *Lepidosaphes gloverii* (Packard)
[Homoptera: Diaspididae]
- 4146 *Chrysomphalus ficus* Ashmead
[Homoptera: Diaspididae]
- 4147 *Palonica pyramidata* Uhler
[Homoptera: Membracidae]
- 4148 *Oncideres trinodatus* Casey
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer: dead
wood/Girdler Oviposition Medium: Bark
incisions Generations Per Year: 1
- 4149 *Oncideres pustulatus* LeConte
[Coleoptera: Buprestidae]
- 4150 *Cinara edulis* Wilson [Homoptera:
Aphididae]
- 4151 *Thecodiplosis cockerelli* Felt
[Diptera: Cecidomyiidae] Immature/Adult
Guild: Gall former/?
- 4152 *Oligotrophus betheli* Felt [Diptera:
Cecidomyiidae] Immature/Adult Guild:
Gall former/?
- 4153 *Halisidota maculata* Hy. Edw.
[Lepidoptera: Arctiidae] Immature/Adult
Guild: Leaf feeder/?
- 4154 *Notolophus antiqua* Linnaeus
[Lepidoptera: Liparidae] Immature/Adult
Guild: Leaf feeder/?

- 4155 *Stilpontia salicis* Linnaeus
[Lepidoptera: Liparidae] Immature/Adult
Guild: Leaf feeder/? Overwintering
Stage: Larvae, pupae Oviposition Medium:
Bark surfaces Generations Per Year: 1
- 4156 *Malacosoma californica* (Packard)
(California tent caterpillar)
[Lepidoptera: Lasiocampidae]
Immature/Adult Guild: Leaf feeder/?
- 4157 *Malacosoma pluvialis* Dyar (Western
or coast tent caterpillar) [Lepidoptera:
Lasiocampidae] Immature/Adult Guild:
Leaf feeder/?
- 4158 *Phyllonorycter salicifoliella*
Chambers [Lepidoptera: Gracilariidae]
Immature/Adult Guild: Leaf miner/?
- 4159 *Phyllonorycter apicinigrella* Braun
[Lepidoptera: Gracilariidae]
Immature/Adult Guild: Leaf miner/?
- 4160 *Phyllonorycter incanella* Walsingham
[Lepidoptera: Gracilariidae]
Immature/Adult Guild: Leaf miner/?
- 4161 *Cameraria umbellulariae* Walsingham
[Lepidoptera: Gracilariidae]
Immature/Adult Guild: Leaf miner/?
- 4162 *Neodiprion rowheri* Midd.
[Hymenoptera: Diprionidae]
Immature/Adult Guild: Leaf feeder/?
- 4163 *Cimbex rubida* Cresson [Hymenoptera:
Cimbridae] Immature/Adult Guild: Leaf
feeder/?
- 4164 *Trichiosoma lanuginosa* Norton
[Hymenoptera: Cimbridae] Immature/Adult
Guild: Leaf feeder/?
- 4165 *Galerucella decora* Say (Western
willow leaf beetle) [Coleoptera:
Chrysomelidae] Immature/Adult Guild:
Leaf feeder/?
- 4166 *Lina lapponica* Linnaeus [Coleoptera:
Chrysomelidae] Immature/Adult Guild:
Leaf feeder/?
- 4167 *Phloeosinus utahensis* Sw.
[Coleoptera: Scolytidae] Immature/Adult
Guild: Bark beetle/Bark beetle
- 4168 *Phloeosinus scopulorum* Sw.
[Coleoptera: Scolytidae]
- 4169 *Alniphagus aspericollis* LeConte
(Alder bark beetle) [Coleoptera:
Scolytidae] Immature/Adult Guild: Bark
beetle/Bark beetle Oviposition Medium:
Galleries Generations Per Year: 2
- 4170 *Aegeria americana* Beut. (Alder
borer) [Lepidoptera: Sesiidae]
Immature/Adult Guild: Wood borer/?
- 4171 *Aegeria tibialis* Harr. [Lepidoptera:
Sesiidae] Immature/Adult Guild: Wood
borer/?
- 4172 *Aegeria pacifica* Hy. Edw.
[Lepidoptera: Sesiidae] Immature/Adult
Guild: Wood borer/?
- 4173 *Alcathoe apiformis* Clerck
[Lepidoptera: Sesiidae] Immature/Adult
Guild: Wood borer/?
- 4174 *Gnathotrichus alni* Blkm.
[Coleoptera: Scolytidae] Immature/Adult
Guild: Ambrosia beetle/Ambrosia beetle
- 4175 *Trypodendron cavifrons* Mann.
[Coleoptera: Scolytidae] Immature/Adult
Guild: Ambrosia beetle/Ambrosia beetle
- 4176 *Trypodendron retusus* Lee
[Coleoptera: Scolytidae] Immature/Adult
Guild: Ambrosia beetle/Ambrosia beetle
- 4177 *Buprestis viridisuturalis* Nicolay &
Weiss [Coleoptera: Buprestidae]
Immature/Adult Guild: Wood borer: dead
wood/?
- 4178 *Dicerca divaricata* Say [Coleoptera:
Buprestidae] Immature/Adult Guild: Wood
borer/?
- 4179 *Prionus californicus* Mots.
(California prionus) [Coleoptera:
Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 4180 *Necydalis cavipennis* LeConte
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4181 *Cyllene antennata* White [Coleoptera:
Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 4182 *Ephedrodoma* spp. Polhemus & Polhemus
[Hemiptera: Miridae]
- 4183 *Ephedrodoma multilineata* Polhemus &
Polhemus [Hemiptera: Miridae]
- 4184 *Agrilus anxius* Gory [Coleoptera:
Buprestidae] Immature/Adult Guild: Wood
borer/Wood borer Oviposition Medium:
Bark surfaces
- 4185 *Lina interrupta* Fabricius (Willow
leaf beetle) [Coleoptera: Chrysomelidae]
Immature/Adult Guild: Skeletonizer/?
- 4186 *Lina californica* Rogers (California
willow beetle) [Coleoptera:
Chrysomelidae]
- 4187 *Procryphalus utahensis* Hopkins
[Coleoptera: Scolytidae] Immature/Adult
Guild: Bark beetle/Bark beetle
- 4188 *Asphondylia ambrosiae* Gagne
[Diptera: Cecidomyiidae] Immature/Adult
Guild: Gall former/?

- 4189 *Contarinia partheniicola* (Cockerell)
[Diptera: Cecidomyiidae] Immature/Adult
Guild: Gall former/?
- 4190 *Adaina ambrosiae* (Murtfeldt)
[Lepidoptera: Pterophoridae]
Immature/Adult Guild: Leaf feeder/?
Oviposition Medium: Leaf surfaces
Generations Per Year: Several
- 4191 *Rehnia cerberus* [Orthoptera:
Tettigoniidae]
- 4192 *Eremopedes bilineatus* [Orthoptera:
Tettigoniidae]
- 4193 *Ateloplus splendidus* [Orthoptera:
Tettigoniidae]
- 4194 *Anoplodusa arizonensis*
[Orthoptera: Tettigoniidae]
- 4195 *Idiostatus inyo* [Orthoptera:
Tettigoniidae]
- 4196 *Idiostatus inermis* [Orthoptera:
Tettigoniidae]
- 4197 *Idiostatus elegans* [Orthoptera:
Tettigoniidae]
- 4198 *Idiostatus nevadensis* [Orthoptera:
Tettigoniidae]
- 4199 *Idiostatus magnificus* [Orthoptera:
Tettigoniidae]
- 4200 *Idiostatus varegatus* [Orthoptera:
Tettigoniidae]
- 4201 *Idiostatus hendersoni* [Orthoptera:
Tettigoniidae]
- 4202 *Neduba carinata* [Orthoptera:
Tettigoniidae]
- 4203 *Aglaothorax segnis* [Orthoptera:
Tettigoniidae]
- 4204 *Ateloplus hesperus* [Orthoptera:
Tettigoniidae]
- 4205 *Rehnia victoria* [Orthoptera:
Tettigoniidae]
- 4206 *Rehnia* spp. [Orthoptera:
Tettigoniidae]
- 4207 *Eremopedes* spp. [Orthoptera:
Tettigoniidae]
- 4208 *Eremopedes ephippiatus*
[Orthoptera: Tettigoniidae]
- 4209 *Ateloplus schwartzi* [Orthoptera:
Tettigoniidae]
- 4210 *Aglaothorax armiger* [Orthoptera:
Tettigoniidae]
- 4211 *Neduba castanea* [Orthoptera:
Tettigoniidae]
- 4212 *Ateloplus minor* [Orthoptera:
Tettigoniidae]
- 4213 *Pediodes* spp. [Orthoptera:
Tettigoniidae]
- 4214 *Pediodes bruneri* [Orthoptera:
Tettigoniidae]
- 4215 *Capnobotes occidentalis*
[Orthoptera: Tettigoniidae]
- 4216 *Zycloptera atripennis* [Orthoptera:
Tettigoniidae]
- 4217 *Ateloplus luteus* [Orthoptera:
Tettigoniidae]
- 4218 *Trogloderus costanus* LeConte
[Coleoptera: Tenebrionidae]
- 4219 *Philolithus pantex* (Casey)
[Coleoptera: Tenebrionidae]
- 4220 *Asidina semilaevis* (Horn)
[Coleoptera: Tenebrionidae]
- 4221 *Leptalia macilenta* (Mannerheim)
[Coleoptera: Cerambycidae]
- 4222 *Neoclytus resplendens* Linsley
[Coleoptera: Cerambycidae]
- 4223 *Ammanus vittigera* LeConte
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4224 *Crossidius discoideus blandi* Casey
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4225 *Neoclytus balteatus* LeConte
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4226 *Prionus integer* LeConte [Coleoptera:
Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 4227 *Semanotus juniperi* (Fisher)
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4228 *Semanotus ligneus conformis* (Casey)
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4229 *Toxotus obtusus* LeConte [Coleoptera:
Cerambycidae] Immature/Adult Guild: Wood
borer/?
- 4230 *Typocerus balteatus* Horn
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4231 *Megacheuma brevipennis* (LeConte)
[Coleoptera: Cerambycidae]
Immature/Adult Guild: Wood borer/?
- 4232 *Neotylopterus pallidus* (LeConte)
[Coleoptera: Curculionidae]

- Immature/Adult Guild: Internal seed feeder/? Generations Per Year: 1
- 4233 *Colias meadii* Edwards [Lepidoptera: Pieridae]
- 4234 *Colias eurytheme* Boisduvall [Lepidoptera: Pieridae]
- 4235 *Centrodontus atlas atlas* Cook [Homoptera: Membracidae]
- 4236 *Centrodontus atlas paucivenosus* Cook [Homoptera: Membracidae]
- 4237 *Centrodontus atlas reticulatus* Cook [Homoptera: Membracidae]
- 4238 *Moneilema crassa* LeConte [Coleoptera: Cerambycidae]
- 4239 *Eurytoma brevitergis* Bugbee [Hymenoptera: Eurytomidae]
Immature/Adult Guild:
Ectoparasite, phytophagous/?
- 4240 *Diastrophus kincaidii* Gillette [Hymenoptera: Cynipidae] Immature/Adult Guild: Gall former: stems/?
Overwintering Stage: Prepupae
Oviposition Medium: Xylem, phloem, cortex
Generations Per Year: 1
- 4241 *Eurytoma chrysothamni* Bugbee [Hymenoptera: Eurytomidae]
Immature/Adult Guild: Endoparasite/?
- 4242 *Dioryctria* spp. [Lepidoptera: Pyralidae]
- 4243 *Rhyacionia neomexicana* Dyar [Lepidoptera: Olethreutidae]
- 4244 *Chionaspis pinifoliae* (Fitch) [Homoptera: Diaspididae]
- 4245 *Matsucoccus paucitrices* Mor. [Homoptera: Margarodidae]
- 4246 *Cinara atra* Gillette & Palmer [Homoptera: Aphididae]
- 4247 *Liometopum apiculatum luctuosum* Whlr. [Hymenoptera: Formicidae]
- 4248 *Coloradia* spp. [Lepidoptera: Saturniidae]
- 4249 *Gloveria* spp. [Lepidoptera: Lasiocampidae]
- 4250 *Neodiprion* spp. [Hymenoptera: Diprionidae]
- 4251 *Okanagana magnifica* Davis [Homoptera: Cicadidae]
- 4252 *Cinara terminalis* (Gillette & Palmer) [Homoptera: Aphididae]
- 4253 *Dendroctonus barberi* Hopkins [Coleoptera: Scolytidae]
- 4254 *Pityophthorus agnatus* Blackm. [Coleoptera: Scolytidae]
- 4255 *Pityophthorus comptus* Blackm. [Coleoptera: Scolytidae]
- 4256 *Pityophthorus deletus* LeConte [Coleoptera: Scolytidae]
- 4257 *Pityophthorus immanis* Blackm. [Coleoptera: Scolytidae]
- 4258 *Pityophthorus infulatus* Blackm. [Coleoptera: Scolytidae]
- 4259 *Pityophthorus inquietus* Blackm. [Coleoptera: Scolytidae]
- 4260 *Pityophthorus mollis* Blackm. [Coleoptera: Scolytidae]
- 4261 *Pityophthorus ornatus* Blackm. [Coleoptera: Scolytidae]
- 4262 *Pityophthorus schwarzi* Blackm. [Coleoptera: Scolytidae]
- 4263 *Pityophilus barbatus* Blackm. [Coleoptera: Scolytidae]
- 4264 *Ips* spp. [Coleoptera: Scolytidae]
- 4265 *Ips lecontei* Sw. [Coleoptera: Scolytidae]
- 4266 *Acanthocinus* spp. [Coleoptera: Cerambycidae]
- 4267 *Acanthocinus spectabilis* LeConte [Coleoptera: Cerambycidae]
- 4268 *Monochamus* spp. [Coleoptera: Cerambycidae]
- 4269 *Temnochila* spp. [Coleoptera: Trogositidae]
- 4270 *Aulonium longum* LeConte [Coleoptera: Colydiidae]
- 4271 *Platysoma punctigerum* LeConte [Coleoptera: Histeridae]
- 4272 *Hypophloeus* spp. [Coleoptera: Tenebrionidae]
- 4273 *Conotrachelus* spp. [Coleoptera: Curculionidae]
- 4274 *Xyela* spp. [Hymenoptera: Xyelidae]
- 4275 *Xyela minor* Nort. [Hymenoptera: Xyelidae]
- 4276 *Eurytoma ceanothi* Bugbee [Hymenoptera: Eurytomidae]
Immature/Adult Guild: Internal seed feeder/?
- 4277 *Orthopelma californicum* Ashmead [Hymenoptera: Ichneumonidae]

- 4278 *Artholytus* spp. [Hymenoptera: Pteromalidae]
- 4279 *Eupelmella vesicularis* (Retz.) [Hymenoptera: Eupelmidae]
- 4280 *Ormyrus* spp. [Hymenoptera: Ormyridae]
- 4281 *Lachnus salignus* (Gm.) [Homoptera: Aphididae]
- 4282 *Clavigerus smithae* (Mon.) [Homoptera: Aphididae]
- 4283 *Aphis sorenseni* Knowlton [Homoptera: Aphididae]
- 4284 *Aphis saliceti* Kaltenbach [Homoptera: Aphididae]
- 4285 *Aphis vorabonnevillus* Knowlton & Smtih [Homoptera: Aphididae]
- 4286 *Cavariella essigi* (Gillette) [Homoptera: Aphididae]
- 4287 *Chrysobothris ignicollis* Horn [Coleoptera: Buprestidae]
- 4288 *Agrilus angelicus* Horn (Oak twig girdler) [Coleoptera: Buprestidae]
Immature/Adult Guild: Girdler/Leaf feeder
Oviposition Medium: Twig surfaces
Generations Per Year: 1/2
- 4289 *Toxotus uteanus* Casey [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer/?
- 4290 *Leptacmaeops cubitalis* (LeConte) [Coleoptera: Cerambycidae]
- 4291 *Callidium antennatum hesperum* Casey [Coleoptera: Cerambycidae]
- 4292 *Xylotrechus annosus* (Say) [Coleoptera: Cerambycidae]
- 4293 *Oxoplus jocosus* Horn [Coleoptera: Cerambycidae]
- 4294 *Phytophaga painteri* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/? Generations Per Year: 1
- 4295 *Phytophaga texana* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/? Generations Per Year: 1
- 4296 *Sackenomyia packardi* Felt [Diptera: Cecidomyiidae]
- 4297 *Asphondylia clematidis* Felt [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 4298 *Asphondylia prosopidis* Cockerell [Diptera: Cecidomyiidae] Immature/Adult Guild: Gall former/?
- 4299 *Phaeogenes walshiae walshiae* Ashmead [Hymenoptera: Ichneumonidae]
Immature/Adult Guild: Endoparasite/?
- 4300 *Coelopencyrtus hylaei* Burks [Hymenoptera: Encyrtidae]
- 4301 *Trypoxylon frigidum* Smith [Hymenoptera: Sphecidae]
- 4302 *Rhydinofoenus* spp. [Hymenoptera: Gasteruptiidae]
- 4303 *Rhydinofoenus floridanus bradleyi* Townes [Hymenoptera: Gasteruptiidae]
- 4304 *Tubulifera* spp. [Thysanoptera: Family?]
- 4305 *Leptothorax curvispinosus* Mayr [Hymenoptera: Formicidae]
- 4306 *Tetralonia venusta* Timberlake [Hymenoptera: Anthophoridae]
- 4307 *Coniontis setosa* [Coleoptera: Tenebrionidae]
- 4308 *Eleodes* spp. [Coleoptera: Tenebrionidae]
- 4309 *Stenodontes dasystemus* Say [Coleoptera: Cerambycidae]
- 4310 *Smodicum cucujiforme* Say [Coleoptera: Cerambycidae]
- 4311 *Achryson surinamum* (Linnaeus) [Coleoptera: Cerambycidae]
- 4312 *Chion cinctus* Drury [Coleoptera: Cerambycidae]
- 4313 *Eburia stigmatica* Chev. [Coleoptera: Cerambycidae]
- 4314 *Eburia mutica* LeConte [Coleoptera: Cerambycidae]
- 4315 *Elaphidion incertum* Newm. [Coleoptera: Cerambycidae]
- 4316 *Elaphidion mimeticum* Schaeffer [Coleoptera: Cerambycidae]
- 4317 *Anoplium moestum* LeConte [Coleoptera: Cerambycidae]
- 4318 *Leptura gigas* LeConte [Coleoptera: Cerambycidae]
- 4319 *Megacyllene caryae* Gahan [Coleoptera: Cerambycidae]
- 4320 *Neoclytus mucronatus* (Fabricius) [Coleoptera: Cerambycidae]
- 4321 *Neoclytus abbreviatus* Schaeffer [Coleoptera: Cerambycidae]
- 4322 *Euderces exilis* Casey [Coleoptera: Cerambycidae]

- 4323 *Rhopalophora laevicollis* LeConte
[Coleoptera: Cerambycidae]
- 4324 *Aphis zonassa* Knowlton [Homoptera:
Aphididae]
- 4325 *Poecilonota ferrea* Melsh.
[Coleoptera: Buprestidae]
- 4326 *Trachykele blondeli* Mars.
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/?
- 4327 *Polycesta elata* LeConte [Coleoptera:
Buprestidae]
- 4328 *Polycesta velasco* L. & G. or Cast.
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer: dead, injured wood/?
- 4329 *Acmaeodera amabilis* Horn
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer: dead wood/?
- 4330 *Acmaeodera plagiaticauda* Horn
[Coleoptera: Buprestidae]
- 4331 *Acmaeodera cuneata* Fall [Coleoptera:
Buprestidae] Immature/Adult Guild: Wood
borer: dead, injured wood/?
- 4332 *Chrysophana placida* LeConte
[Coleoptera: Buprestidae]
- 4333 *Agrilus niveiventris* Horn
[Coleoptera: Buprestidae]
- 4334 *Agrilus granulatus* Say [Coleoptera:
Buprestidae]
- 4335 *Agrilus acutipennis* Mann.
[Coleoptera: Buprestidae]
- 4336 *Volucella esuriens* (Fabricius)
(Mexican cactus fly) [Diptera: Syrphidae]
Immature/Adult Guild: Scavenger/Flower
feeder
- 4337 *Eurytoma rubribacca* Bugbee
[Hymenoptera: Eurytomidae]
- 4338 *Lonchaea striatifrons* Malloch.
[Diptera: Lonchaeidae]
- 4339 *Desmometopa* spp. [Diptera:
Milichiidae]
- 4340 *Volucella isabellina* Williston
[Diptera: Syrphidae]
- 4341 *Volucella apicifera* Townsend
[Diptera: Syrphidae]
- 4342 *Culicoides copiosus* Root & Hoffman
[Diptera: Ceratopogonidae]
- 4343 *Spongovostox apicedentatus* (Caudell)
[Dermaptera: Labiidae]
- 4344 *Belonuchus punctiventris* Casey
[Coleoptera: Staphylinidae]
- 4345 *Aleochara ponderosa* Casey
[Coleoptera: Staphylinidae]
- 4346 *Xanthopygus cacti* Horn [Coleoptera:
Staphylinidae]
- 4347 *Stilomedon* spp. [Coleoptera:
Staphylinidae]
- 4348 *Physetoporus grossulus* (LeConte)
[Coleoptera: Staphylinidae]
- 4349 *Hololepta yucateca* Marseuil
[Coleoptera: Histeridae]
- 4350 *Hololepta* spp. [Coleoptera:
Histeridae]
- 4351 *Carcinops* spp. [Coleoptera:
Histeridae]
- 4352 *Cynaesus angustus* (LeConte)
[Coleoptera: Tenebrionidae]
- 4353 *Lithurgus echinocacti* Cockerell
[Hymenoptera: Megachilidae]
- 4354 *Lithurgus gibbosus* Smith
[Hymenoptera: Megachilidae]
- 4355 *Lithurgus apicalis* Cresson
[Hymenoptera: Megachilidae]
- 4356 *Heriades gracilior* Cockerell
[Hymenoptera: Megachilidae]
- 4357 *Ashmeadiella opuntiae* (Cockerell)
[Hymenoptera: Megachilidae]
- 4358 *Ashmeadiella cactorum* (Cockerell)
[Hymenoptera: Megachilidae]
- 4359 *Augochlora neglectula* Cockerell
[Hymenoptera: Halictidae]
- 4360 *Idiocerus femoratus* Ball [Homoptera:
Cicadellidae]
- 4361 *Erythroneura ziczac* Walsh
[Homoptera: Cicadellidae]
- 4362 *Oecanthus argentinus* Saussure
[Orthoptera: Gryllidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4363 *Chlamydatus suavis* (Reuter)
[Hemiptera: Miridae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4364 *Lygus atriflavus* Knight [Hemiptera:
Miridae] Immature/Adult Guild:
Flower, leaf, stem feeder/Flower, leaf, stem
feeder
- 4365 *Murgantia histrionica* (Hahn)
[Hemiptera: Pentatomidae] Immature/Adult
Guild: Leaf, stem feeder/Leaf, stem feeder
- 4366 *Trialeurodes abutilonea* (Haldeman)
[Homoptera: Aleyrodidae]

- 4367 *Dactynotus katonkae* (Hottes)
[Homoptera: Aphididae]
- 4368 *Aceratagallia nitidula* Oman
[Homoptera: Cicadellidae]
- 4369 *Gyponana hasta* DeLong [Homoptera:
Cicadellidae] Immature/Adult Guild: Leaf
feeder/Leaf feeder
- 4370 *Stobaera caldwelli* Kramer
[Homoptera: Delphacidae] Immature/Adult
Guild: Leaf, stem feeder/Leaf, stem feeder
- 4371 *Stobaera concinna* (Stal) [Homoptera:
Delphacidae] Immature/Adult Guild:
Leaf, stem feeder/Leaf, stem feeder
- 4372 *Icerya purchasi* Maskell (Cottony
cushion scale or fluted scale)
[Homoptera: Margarodidae] Immature/Adult
Guild: Stem feeder/Stem feeder
- 4373 *Spissistilus franciscans nigricans*
(Van Duzee) [Homoptera: Membracidae]
Immature/Adult Guild: Stem feeder/Stem
feeder
- 4374 *Tortistilus pacificus* (Van Duzee)
[Homoptera: Membracidae] Immature/Adult
Guild: Stem feeder/Stem feeder
- 4375 *Vanduzea triguttata* (Burmeister)
[Homoptera: Membracidae] Immature/Adult
Guild: Stem feeder/Stem feeder
- 4376 *Phenacoccus solani* Ferris
[Homoptera: Pseudococcidae]
Immature/Adult Guild: Crown, root, stem
feeder/Crown, root, stem feeder
- 4377 *Spilococcus eriogoni* (Ehrhorn)
[Homoptera: Pseudococcidae]
Immature/Adult Guild: Root, stem
feeder/Root, stem feeder
- 4378 *Brachmia subalbusella* (Chambers)
[Lepidoptera: Gelechiidae]
Immature/Adult Guild: Leaf feeder/?
- 4379 *Gnorimoschema sapharinella*
(Chambers) [Lepidoptera: Gelechiidae]
Immature/Adult Guild: Leaf feeder/?
- 4380 *Heliothis virescens* (Fabricius)
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Flower feeder/?
- 4381 *Schinia sexplagiata* Smith
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Flower feeder/?
- 4382 *Spodoptera ornithogalli* (Guenee)
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Leaf feeder/?
- 4383 *Tarachidia candefacta* (Hubner)
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Leaf feeder/?
- 4384 *Phalonia* spp. [Lepidoptera:
Phaloniidae] Immature/Adult Guild: Stem
feeder/?
- 4385 *Frechinia laetalis* (Barnes &
McDunnough) [Lepidoptera: Pyralidae]
Immature/Adult Guild: Leaf feeder/?
- 4386 *Platynota stultana* (Walsingham)
[Lepidoptera: Tortricidae]
Immature/Adult Guild: Leaf feeder/?
- 4387 *Trigonorhinus tomentosus* (Say)
[Coleoptera: Anthribidae] Immature/Adult
Guild: ?/Flower feeder
- 4388 *Trirhabda* spp. [Coleoptera:
Chrysomelidae] Immature/Adult Guild:
?/Leaf feeder
- 4389 *Baris dilatata* Casey [Coleoptera:
Curculionidae] Immature/Adult Guild:
?/Leaf, stem feeder
- 4390 *Cleonus albovestitus* Casey
[Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 4391 *Cleonus lobigerinus* Casey
[Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 4392 *Microtharus lareynii* (DuVal)
[Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 4393 *Smicronyx abnormis* Dietz
[Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Flower, leaf, stem
feeder
- 4394 *Calycomyza ambrosiae* (Frick)
[Diptera: Agromyzidae]
- 4395 *Contarinia* spp. [Diptera:
Cecidomyiidae]
- 4396 *Microtharus lypriformis* (Wollaston)
[Coleoptera: Curculionidae]
- 4397 *Schistocerca vaga vaga* (Scudder)
[Orthoptera: Acrididae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4398 *Haplothrips robustus* Bagnell
[Thysanoptera: Thripidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4399 *Ceratocapsus fuscusignatus* Knight
[Hemiptera: Miridae] Immature/Adult
Guild: Leaf, stem feeder/Leaf, stem feeder
- 4400 *Irbisia pacifica* (Uhler) [Hemiptera:
Miridae] Immature/Adult Guild: Leaf, stem
feeder/Leaf, stem feeder
- 4401 *Lygus shulli* Knight [Hemiptera:
Miridae] Immature/Adult Guild: Leaf, stem
feeder/Leaf, stem feeder

- 4402 *Phytocoris canescens* Reuter
[Hemiptera: Miridae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4403 *Pseudatomoscelis seriatus* (Reuter)
[Hemiptera: Miridae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4404 *Thyanta rugulosus* (Say) [Hemiptera:
Pentatomidae] Immature/Adult Guild:
Leaf,stem feeder/Leaf,stem feeder
- 4405 *Piesma cinereum* (Say) [Hemiptera:
Piesmatidae] Immature/Adult Guild: Leaf
feeder/Leaf feeder
- 4406 *Sphycorhis punctellus* (Stal)
[Hemiptera: Scutelleridae]
Immature/Adult Guild: Stem feeder/Stem
feeder
- 4407 *Aceratagallia lyrata* (Baker)
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4408 *Aceratagallia vulgaris* Oman
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4409 *Draeculacephala minerva* Ball
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4410 *Hordinia circellata* (Baker)
[Homoptera: Cicadellidae] Immature/Adult
Guild: Stem feeder/Stem feeder
- 4411 *Stobaera tricarinata* (Say)
[Homoptera: Delphacidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4412 *Campylenchia curvata* (Fabricius)
[Homoptera: Membracidae] Immature/Adult
Guild: Stem feeder/Stem feeder
- 4413 *Tortistilus albidosparsa* (Stal)
[Homoptera: Membracidae] Immature/Adult
Guild: Stem feeder/Stem feeder
- 4414 *Puto mimicus* McKenzie [Homoptera:
Pseudococcidae] Immature/Adult Guild:
Flower,leaf feeder/Flower,leaf feeder
- 4415 *Eupithecia* spp. [Lepidoptera:
Geometridae]
- 4416 *Autographa* spp. [Lepidoptera:
Noctuidae]
- 4417 *Peridroma saucia* (Hubner)
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Leaf feeder/?
- 4418 *Martyrhilda gracilis* (Walsingham)
[Lepidoptera: Oecophoridae]
- 4419 *Epiblema strenuana* Walker
[Lepidoptera: Olethreutidae]
Immature/Adult Guild: Stem feeder/?
- 4420 *Frechinia* spp. [Lepidoptera:
Pyralidae] Immature/Adult Guild: Leaf
feeder/?
- 4421 *Microthripa xerene* Newman
[Coleoptera: Chrysomelidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 4422 *Ceutorhynchus* spp. [Coleoptera:
Chrysomelidae]
- 4423 *Cleonus jacobinus* (Casey)
[Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 4424 *Cylindrocopturus adspersus* (LeConte)
[Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 4425 *Lixus perforatus* LeConte (Wormwood
weevil) [Coleoptera: Curculionidae]
Immature/Adult Guild: Stem borer/Leaf
feeder
- 4426 *Pantomorus cervinus* Boheman
[Coleoptera: Curculionidae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 4427 *Smicronyx californicus* Dietz
[Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Leaf feeder
- 4428 *Liriomyza brassicae* (Riley)
[Diptera: Agromyzidae]
- 4429 *Liriomyza munda* (Frick) [Diptera:
Agromyzidae]
- 4430 *Melanagromyza splendida* Frick
[Diptera: Agromyzidae]
- 4431 *Phytobia jucunda* (Wulp) [Diptera:
Agromyzidae]
- 4432 *Phytomyza synegenesiae* (Hardy)
[Diptera: Agromyzidae]
- 4433 *Harmostes fraterculus* (Say)
[Hemiptera: Rhopalidae] Immature/Adult
Guild: Leaf,stem feeder/Leaf,stem feeder
- 4434 *Spyhyrocoris obliquus* (Germar)
[Hemiptera: Scutelleridae]
Immature/Adult Guild: Leaf,stem
feeder/Leaf,stem feeder
- 4435 *Empoasca lauta* DeLong [Homoptera:
Cicadellidae] Immature/Adult Guild: Leaf
feeder/Leaf feeder
- 4436 *Lystridea nuda* Oman [Homoptera:
Cicadellidae] Immature/Adult Guild: Leaf
feeder/?
- 4437 *Dictyssa obliqua* Ball [Homoptera:
Issidae] Immature/Adult Guild: Stem
feeder/Stem feeder
- 4438 *Tischeria* spp. [Lepidoptera:
Tischeriidae]

4439 *Exema deserti* Pierce [Coleoptera: Chrysomelidae] Immature/Adult Guild: Leaf feeder/?

4440 *Ceratagallia lobata* Oman [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

4441 *Steatococcus* spp. [Homoptera: Margarodidae]

4442 *Zygogramma tortuosa* Rogers [Coleoptera: Chrysomelidae]

4443 *Smicronyx imbricatus* Casey [Coleoptera: Curculionidae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

4444 *Dicyphus elongatus* Van Duzee [Hemiptera: Miridae] Immature/Adult Guild: Flower, leaf feeder/Flower, leaf feeder

4445 *Helicococcus deserticola* Miller [Homoptera: Pseudococcidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

4446 *Trichoptilus californicus* (Walsingham) [Lepidoptera: Pterophoridae] Immature/Adult Guild: Flower, fruit, leaf feeder/?

4447 *Trupanea* spp. [Diptera: Tephritidae]

4448 *Platyptilia* spp. [Lepidoptera: Pterophoridae]

4449 *Trialeurodes colcordae* Russell [Homoptera: Aleyrodidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

4450 *Dactynotus* spp. [Homoptera: Aphididae]

4451 *Aceratagallia truncata* Oman [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

4452 *Ceratagallia longipes* Oman [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf feeder/Leaf feeder

4453 *Orthezia ferrisi* Morrison [Homoptera: Ortheziidae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

4454 *Recurvaria* spp. [Lepidoptera: Gelechiidae]

4455 *Animmonmyia smithi* (Pearsall) [Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?

4456 *Glaucina ochrofuscaria* (Grossbeck) [Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?

4457 *Synchlora frondaria avidaria* Pearsall [Lepidoptera: Geometridae] Immature/Adult Guild: Flower feeder/?

4458 *Conochares arizonae* (Henry Edwards) [Lepidoptera: Noctuidae] Immature/Adult Guild: Leaf feeder/?

4459 *Oidaematophorus inconditus* (Walsingham) [Lepidoptera: Pterophoridae] Immature/Adult Guild: Stem feeder/?

4460 *Trigonorhinus tomentosus irregularis* (Tanaro) [Coleoptera: Anthribidae] Immature/Adult Guild: ?/Flower, leaf feeder

4461 *Cortodera falsa* (LeConte) [Coleoptera: Cerambycidae]

4462 *Altica torquata* LeConte [Coleoptera: Chrysomelidae] Immature/Adult Guild: ?/Flower, leaf feeder

4463 *Baris* spp. [Coleoptera: Curculionidae]

4464 *Encyllus* spp. [Coleoptera: Curculionidae]

4465 *Lygus communis* Knight [Hemiptera: Miridae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

4466 *Lygus nigrosignatus* (Knight) [Hemiptera: Miridae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

4467 *Aceratagallia pallida* Oman [Homoptera: Cicadellidae] Immature/Adult Guild: ?/Stem feeder

4468 *Ballana vesca* (Ball) [Homoptera: Cicadellidae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

4469 *Stobaera muiri* Kramer [Homoptera: Delphacidae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder

4470 *Stictocephala basalis* (Walker) [Homoptera: Membracidae] Immature/Adult Guild: ?/Stem feeder

4471 *Chorizococcus abroniae* McKenzie [Homoptera: Pseudococcidae] Immature/Adult Guild: ?/Crown feeder

4472 *Apantesis proxima autholea* (Boisduval) [Lepidoptera: Arctiidae] Immature/Adult Guild: Leaf feeder/?

4473 *Cosymbia serrulata* Packard [Lepidoptera: Geometridae] Immature/Adult Guild: Flower feeder/?

4474 *Heliothis phloxiphaga* (Grote & Robinson) [Lepidoptera: Noctuidae] Immature/Adult Guild: Flower feeder/?

- 4475 *Lacinipolia olivacea* (Morris)
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Leaf feeder/?
- 4476 *Trigonoscuta* spp. [Coleoptera:
Curculionidae]
- 4477 *Liriomyza langei* Frick [Diptera:
Agromyzidae]
- 4478 *Helobia hybrida* Meigen [Diptera:
Tipulidae]
- 4479 *Tipula dejecta* Walker [Diptera:
Tipulidae]
- 4480 *Scatopse* spp. [Diptera:
Bibionidae]
- 4481 *Platypalpus trivialis* Loew [Diptera:
Bombyliidae]
- 4482 *Copestylum marginatum* (Say)
[Diptera: Syrphidae]
- 4483 *Lucilia sericata* Mg. [Diptera:
Muscidae]
- 4484 *Helina lucorum* Fall [Diptera:
Anthomyiidae]
- 4485 *Hylemya cilicrura* Rondani [Diptera:
Anthomyiidae]
- 4486 *Scatophaga stercoraria* (Linnaeus)
[Diptera: Anthomyiidae]
- 4487 *Euaresta abstersa* Loew [Diptera:
Tephritidae]
- 4488 *Drosophila repleta* Woll. [Diptera:
Drosophilidae]
- 4489 *Zenillia confinis* Fall [Diptera:
Tachinidae]
- 4490 *Formica pilicornis* Emery
[Hymenoptera: Formicidae]
- 4491 *Mutilla orcus* Cresson [Hymenoptera:
Mutillidae]
- 4492 *Bembix comata* Parker [Hymenoptera:
Sphecidae]
- 4493 *Xylocopa varipuncta* Patton
[Hymenoptera: Anthophoridae]
- 4494 *Culicella impatiens* Walker [Diptera:
Culicidae]
- 4495 *Melanostoma stegnum* Say [Diptera:
Syrphidae]
- 4496 *Syrphus opinator* Osten Sacken
[Diptera: Syrphidae]
- 4497 *Aemosyrphus mexicanus* Macq.
[Diptera: Syrphidae]
- 4498 *Admontia degreeioides* Coquillett
[Diptera: Tachinidae]
- 4499 *Admontia pergandei* Coquillett
[Diptera: Tachinidae]
- 4500 *Sarcophaga quadrisetosa* Coquillett
[Diptera: Sarcophagidae]
- 4501 *Suillia limbata* Thombs. [Diptera:
Anthomyiidae]
- 4502 *Toxomerus* spp. [Diptera:
Syrphidae]
- 4503 *Crabro* spp. [Hymenoptera:
Sphecidae]
- 4504 *Sphacrophoria melanosa* Will.
[Diptera: Syrphidae]
- 4505 *Toxomerus geminatus* Say [Diptera:
Family?]
- 4506 *Solenopsis geminata* Say
[Hymenoptera: Formicidae]
- 4507 *Pseudomasaris edwardsii* (Cresson)
[Hymenoptera: Vespidae]
- 4508 *Psammophila luctuosa* (Smith)
[Hymenoptera: Family?]
- 4509 *Halictus robustus* Crawford
[Hymenoptera: Halictidae]
- 4510 *Halictoides mulleri* Cockerell
[Hymenoptera: Family?]
- 4511 *Colletes californicus* Provancher
[Hymenoptera: Colletidae]
- 4512 *Xylocopa orpifex* Smith [Hymenoptera:
Anthophoridae]
- 4513 *Ceratina punctigena* Cockerell
[Hymenoptera: Megachilidae]
- 4514 *Bombus californicus* Smith
[Hymenoptera: Apidae]
- 4515 *Andrena mimetica* Cockerell
[Hymenoptera: Andrenidae]
- 4516 *Lispa tentaculata* DeG. [Diptera:
Anthomyiidae]
- 4517 *Discocerina* spp. [Diptera:
Ephydriidae]
- 4518 *Pepsis formosa* Say [Hymenoptera:
Pompilidae]
- 4519 *Polistes aurifer* [Hymenoptera:
Vespidae]
- 4520 *Sminthurus* spp. [Collembola:
Sminthuridae]
- 4521 *Aeoloplus tenuipennis tenuipennis*
Scudder [Orthoptera: Acrididae]
- 4522 *Trimerotropis pallidipennis*
pallidipennis (Burmeister) [Orthoptera:
Acrididae]

- 4523 *Xanthippus lateritius* Saussure
[Orthoptera: Acrididae]
- 4524 *Ceratagallia artemisia* Oman
[Homoptera: Cicadellidae]
- 4525 *Errhomus aridus* (Ball) [Homoptera:
Cicadellidae]
- 4526 *Eutettix insanus* Ball [Homoptera:
Cicadellidae]
- 4527 *Exitianus obscurinervis* (Stal.)
[Homoptera: Cicadellidae]
- 4528 *Deserta bipunctata* Ball [Homoptera:
Fulgoridae]
- 4529 *Oecleus fulvidorsum* Ball [Homoptera:
Fulgoridae]
- 4530 *Orgerius minor* Ball [Homoptera:
Fulgoridae]
- 4531 *Scolops uhleri marginatus* Ball
[Homoptera: Fulgoridae]
- 4532 *Monoxia* spp. [Coleoptera:
Chrysomelidae]
- 4533 *Pachybrachis* spp.(=*Pachybrachys*
spp.) [Coleoptera: Chrysomelidae]
- 4534 *Hydnocera discoidea* LeConte
[Coleoptera: Cleridae]
- 4535 *Hyperaspis pleuralis aterrima* Casey
[Coleoptera: Coccinellidae]
- 4536 *Dasytastes ruficollis* (Ulke)
[Coleoptera: Melyridae]
- 4537 *Mordellistena aspersa* Meish.
[Coleoptera: Mordellidae]
- 4538 *Euxesta nitidiventris* Lw. [Diptera:
Otitidae]
- 4539 *Euxesta* spp. [Diptera: Otitidae]
- 4540 *Caliope variceps* (Cog.) [Diptera:
Lauxaniidae]
- 4541 *Halictus sparsus* Robt. [Hymenoptera:
Halictidae]
- 4542 *Crematogaster* spp. [Hymenoptera:
Formicidae]
- 4543 *Myrmecocystus mexicanus navajo*
Wheeler [Hymenoptera: Formicidae]
- 4544 *Myrmecocystus* spp. [Hymenoptera:
Formicidae]
- 4545 *Deuterosminthurus* spp.
[Collembola: Sminthuridae]
- 4546 *Anaphothrips* spp. [Thysanoptera:
Thripidae]
- 4547 *Thrips* spp. [Thysanoptera:
Thripidae]
- 4548 *Megalopsallus* spp. [Hemiptera:
Miridae]
- 4549 *Psallus pictipes* (Van Duzee)
[Hemiptera: Miridae]
- 4550 *Strongylocoris* spp. [Hemiptera:
Miridae]
- 4551 *Ceratagallia dondia* (Oman)
[Homoptera: Cicadellidae]
- 4552 *Neosteles neglectus* (DeL. & D.)
[Homoptera: Cicadellidae]
- 4553 *Listus* spp. [Coleoptera:
Melyridae]
- 4554 *Ethmiidae* spp. [Lepidoptera:
Ethmiidae]
- 4555 *Madiza* spp. [Diptera: Chloropidae]
- 4556 *Chrysopilus* spp. [Diptera:
Rhagionidae]
- 4557 *Eumacronychia* spp. [Diptera:
Sarcophagidae]
- 4558 *Callimome* spp. [Hymenoptera:
Torymidae]
- 4559 *Rileya* spp. [Hymenoptera:
Eurytomidae]
- 4560 *Megalopsallus rubropictus* Knight
[Hemiptera: Miridae]
- 4561 *Sthenarus humeralis* Van Duzee
[Hemiptera: Miridae]
- 4562 *Pisema depressa* McAtee [Hemiptera:
Piesmatidae]
- 4563 *Piesma explanata* McAtee [Hemiptera:
Piesmatidae]
- 4564 *Sinea* spp. [Hemiptera: Reduviidae]
- 4565 *Saissetia nigra* (Nietner) (Nigra
scale) [Homoptera: Family?]
- 4566 *Norvellina clarivada* (Van Duzee)
[Homoptera: Cicadellidae]
- 4567 *Ophiola clavata* (Ball) [Homoptera:
Cicadellidae]
- 4568 *Platypedia lutea* Dan's. [Homoptera:
Cicadellidae]
- 4569 *Cryptorhopalum* spp. [Coleoptera:
Dermestidae]
- 4570 *Mordellistena commata* LeConte
[Coleoptera: Mordellidae]

- 4571 *Culicoides variipennis* (Coquillett)
[Diptera: Ceratopogonidae]
- 4572 *Spaniotoma* spp. [Diptera:
Chironomidae]
- 4573 *Scaptomyza graminum* Fallen [Diptera:
Drosophilidae]
- 4574 *Plagia americana* Coquillett
[Diptera: Tachinidae]
- 4575 *Zenillia* spp. [Diptera:
Tachinidae]
- 4576 *Chalcaspis phenacocci* Ashmead
[Hymenoptera: Encyrtidae]
- 4577 *Formica neogagates lasioides*
[Hymenoptera: Formicidae]
- 4578 *Melanoplus complanatus canonicus*
Scudder [Orthoptera: Acrididae]
- 4579 *Corizus viridicatus* Uhler
[Hemiptera: Rhopalidae]
- 4580 *Athysanus frigidus* Ball [Homoptera:
Cicadellidae]
- 4581 *Empoasca nigra typhlocyboides* G. &
B. [Homoptera: Cicadellidae]
- 4582 *Hippodamia* spp. [Coleoptera:
Coccinellidae]
- 4583 *Promecotarsus densus* Casey
[Coleoptera: Curculionidae]
- 4584 *Cyrtopogon* spp. [Diptera:
Asilidae]
- 4585 *Iridomyrmex* spp. [Hymenoptera:
Formicidae]
- 4586 *Caliothrips fasciatus* (Pergande)
[Thysanoptera: Thripidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4587 *Cuerna occidentalis* Oman & Beamer
[Homoptera: Cicadellidae] Immature/Adult
Guild: Stem feeder/Stem feeder
- 4588 *Scleroracis bullatus* (Ball)
[Homoptera: Cicadellidae] Immature/Adult
Guild: Leaf feeder/Leaf feeder
- 4589 *Stictocephala* spp. [Homoptera:
Membracidae]
- 4590 *Ponometia sutrix* (Grote)
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Leaf feeder/?
- 4591 *Epiblema sosana* Kearfott
[Lepidoptera: Olethreutidae]
Immature/Adult Guild: Stem feeder/?
- 4592 *Altica carinata* Germar [Coleoptera:
Chrysomelidae] Immature/Adult Guild:
?/Leaf feeder
- 4593 *Aeoloplus turnbulli turnbulli*
(Thomas) [Orthoptera: Acrididae]
Immature/Adult Guild: Leaf feeder/Leaf
feeder
- 4594 *Fenusa pusilla* (Lepelletier) (Birch
leafminer) [Hymenoptera: Tenthredinidae]
Immature/Adult Guild: Leaf miner/?
Generations Per Year: Several
- 4595 *Scirtothrips citri* (Moulton)
[Thysanoptera: Thripidae]
- 4596 *Scirtothrips solaris* Bailey
[Thysanoptera: Thripidae]
- 4597 *Scirtothrips tehachapi* Bailey
[Thysanoptera: Thripidae]
- 4598 *Trirhabda luteocincta* (LeConte)
[Coleoptera: Chrysomelidae]
- 4599 *Trirhabda confusa* Blake [Coleoptera:
Chrysomelidae]
- 4600 *Trirhabda labrata* Fall [Coleoptera:
Chrysomelidae]
- 4601 *Anthophora* spp. [Hymenoptera:
Megachilidae]
- 4602 *Osmia* spp. [Hymenoptera:
Megachilidae]
- 4603 *Nomia* spp. [Hymenoptera:
Halictidae]
- 4604 *Tegeticula* spp. [Lepidoptera:
Incurvariidae]
- 4605 *Gertaekeria* spp. [Coleoptera:
Curculionidae]
- 4606 *Prodoxus marginatus* Riley
[Lepidoptera: Incurvariidae]
- 4607 *Prodoxus cinereus* Riley
[Lepidoptera: Incurvariidae]
- 4608 *Deoclana yuccasella* Busck
[Lepidoptera: Gelechiidae]
- 4609 *Holocera gigantella* Chambers
[Lepidoptera: Blastobasidae]
- 4610 *Sosipatra rileyella* (Ragonot)
[Lepidoptera: Pyralidae]
- 4611 *Tritogenaphis kosacaudis* Knowlton
[Homoptera: Aphididae]
- 4612 *Tritogenaphis escalantis* Knowlton
[Homoptera: Aphididae]
- 4613 *Tritogenaphis ambrosiae* (Thomas)
[Homoptera: Aphididae]
- 4614 *Tritogenaphis erigeronensis* (Thomas)
[Homoptera: Aphididae]
- 4615 *Acyrtosiphon californica* (Clarke)
[Homoptera: Aphididae]

- 4616 *Coccidomyia erii* Felt [Diptera: Cecidomyiidae]
- 4617 *Lasioptera diplaci* Felt [Diptera: Cecidomyiidae]
- 4618 *Asphondylia diplaci* Felt [Diptera: Cecidomyiidae]
- 4619 *Asphondylia enceliae* Felt [Diptera: Cecidomyiidae]
- 4620 *Trirhabda sericotrachyla* Blake [Coleoptera: Chrysomelidae]
- 4621 *Trirhabda geminata* Horn [Coleoptera: Chrysomelidae]
- 4622 *Disholcaspis chrysolepidis* (Beutenm.) [Hymenoptera: Cynipidae]
- 4623 *Andricus crystallinus* Bassett [Hymenoptera: Cynipidae] Immature/Adult Guild: Gall former/?
- 4624 *Periclistus piceus* Fullaway [Hymenoptera: Cynipidae]
- 4625 *Rhodites politus* Ashmaed [Hymenoptera: Cynipidae]
- 4626 *Rhodites bicolor* (W. Harr.) [Hymenoptera: Cynipidae]
- 4627 *Disholcaspis truckeensis* (Ashmead) [Hymenoptera: Cynipidae]
- 4628 *Andricus chrysolepidis* Ashmead [Hymenoptera: Cynipidae]
- 4629 *Andricus congregatus* Ashmead [Hymenoptera: Cynipidae]
- 4630 *Andricus pacificus* Ashmead [Hymenoptera: Cynipidae]
- 4631 *Andricus dasydactyli* Ashmead [Hymenoptera: Cynipidae]
- 4632 *Callirhytis lasia* Ashmead [Hymenoptera: Cynipidae]
- 4633 *Callirhytis quercussuttoni* (Bass.) [Hymenoptera: Cynipidae]
- 4634 *Callirhytis bakeri* Kieff. [Hymenoptera: Cynipidae]
- 4635 *Callirhytis rossi* Kieff. [Hymenoptera: Cynipidae]
- 4636 *Callirhytis guadaloupensis* Fullaway [Hymenoptera: Cynipidae]
- 4637 *Callirhytis sanctaeclarae* Fullaway [Hymenoptera: Cynipidae]
- 4638 *Anoploclera jacintata* Linsley [Coleoptera: Cerambycidae]
- 4639 *Olyca junctolinea* (Hulst) [Lepidoptera: Pyralidae]
- 4640 *Rhinomalus texanus* Schaeffer [Coleoptera: Family?]
- 4641 *Actenodes flexicaulis* Schaeffer [Coleoptera: Buprestidae]
- 4642 *Cymatodera obliquefasciata* Schaeffer [Coleoptera: Cleridae]
- 4643 *Tetranodes niveicollis* Linell. [Coleoptera: Family?]
- 4644 *Cryptocephalus quatuodecimpustulatus* Suffrian [Coleoptera: Chrysomelidae]
- 4645 *Bruchus julianus* Horn [Coleoptera: Bruchidae]
- 4646 *Stigmella aurella* (Fabricius) [Lepidoptera: Nepticulidae]
- 4647 *Stigmella splendidissimella* (H.S.) [Lepidoptera: Nepticulidae]
- 4648 *Frankliniella canadensis* Morgan [Thysanoptera: Thripidae]
- 4649 *Frankliniella claripennis* Morgan [Thysanoptera: Thripidae]
- 4650 *Frankliniella trehernei* Morgan [Thysanoptera: Thripidae]
- 4651 *Frankliniella yuccae* Moulton [Thysanoptera: Thripidae]
- 4652 *Mermiria texana* Bruner [Orthoptera: Acrididae]
- 4653 *Mermiria maculipennis maculipennis* [Orthoptera: Acrididae]
- 4654 *Empoasca fabae* (Harris) [Homoptera: Cicadellidae]
- 4655 *Clastoptera atrapicata* [Homoptera: Cercopidae]
- 4656 *Capitophorus rosarum* (Walker) [Homoptera: Aphididae]
- 4657 *Dasyneura gemmae* Felt [Diptera: Cecidomyiidae]
- 4658 *Mcateeana sexnotata* (Van Duzee) [Homoptera: Cicadellidae]
- 4659 *Typhlocyba melite* McAtee [Homoptera: Cicadellidae]
- 4660 *Empoa spinosa* (Beamer) [Homoptera: Cicadellidae]
- 4661 *Edwardsiana commissuralis* (Stal) [Homoptera: Cicadellidae]
- 4662 *Edwardsiana ariste* (McAtee) [Homoptera: Cicadellidae]
- 4663 *Edwardsiana euphrante* (McAtee) [Homoptera: Cicadellidae]

- 4664 *Macrosiphum rubiellum harpagorubus* Knowlton [Homoptera: Aphididae]
- 4665 *Myzus convolvuli* (Kaltenbach) [Homoptera: Aphididae]
- 4666 *Cerosipha rubifolii* (Thomas) [Homoptera: Aphididae]
- 4667 *Hermetia hunteri* Cockerell [Diptera: Stratiomyidae]
- 4668 *Chelinidea hunteri* Hamlin [Hemiptera: Coreidae]
- 4669 *Empoasca obtusa* Walsh [Homoptera: Cicadellidae]
- 4670 *Empoasca recurvata* DeLong [Homoptera: Cicadellidae]
- 4671 *Ethmia arctostaphylella* (Walsingham) [Lepidoptera: Ethmiidae] Oviposition Medium: Leaf surfaces
- 4672 *Ethmia semitenebrella* Dyar [Lepidoptera: Ethmiidae]
- 4673 *Gracilaria syringella* Fabricius (Lilac leafminer or leafroller) [Lepidoptera: Gracilariidae] Immature/Adult Guild: Leaf miner, leaf roller/? Overwintering Stage: Larvae, pupae in soil, leaves Oviposition Medium: Leaf undersides Generations Per Year: 2-3
- 4674 *Cylindromyia armata* Ald. [Diptera: Tachinidae]
- 4675 *Gymnosoma fuliginosa* Des. [Diptera: Tachinidae]
- 4676 *Phorocera claripennis* Mcq. [Diptera: Tachinidae]
- 4677 *Agromyza platyptera jucunda* V.d.W. [Diptera: Agromyzidae]
- 4678 *Agromyza reptans* Fall [Diptera: Agromyzidae]
- 4679 *Napomyza lateralis* Fall [Diptera: Agromyzidae]
- 4680 *Phytomyza albiceps* Meig. [Diptera: Agromyzidae]
- 4681 *Phytomyza chrysanthemi* Kowarz [Diptera: Agromyzidae]
- 4682 *Brachyrhinus* spp. [Coleoptera: Curculionidae]
- 4683 *Dyslobus* spp. [Coleoptera: Curculionidae]
- 4684 *Stegophylla quercicola* (Baker) Oestlund [Homoptera: Aphididae]
- 4685 *Megachile sidalceae* Cockerell [Hymenoptera: Megachilidae]
- 4686 *Chlorochroa congrua* Uhler [Hemiptera: Pentatomidae]
- 4687 *Euschistus inflatus* Van Duzee [Hemiptera: Pentatomidae]
- 4688 *Euschistus variolarius* (Palisot & Beauvois) (Onespot stink bug) [Hemiptera: Pentatomidae]
- 4689 *Eysarcoris intergressus* Uhler [Hemiptera: Family?]
- 4690 *Amphorophora nigricornis* Knowlton [Homoptera: Aphididae]
- 4691 *Amphorophora halli* Knowlton [Homoptera: Aphididae]
- 4692 *Rhynchites bicolor wickhami* Cockerell (Western rose curculio) [Coleoptera: Curculionidae] Immature/Adult Guild: Bud feeder/Bud, leaf, stem feeder Overwintering Stage: Larvae Oviposition Medium: Bud punctures Generations Per Year: 1
- 4693 *Brevicoryne salixutis* Smith & Knowlton [Homoptera: Aphididae]
- 4694 *Stobaera bilobata* Van Duzee [Homoptera: Delphacidae]
- 4695 *Stobaera giffardi* Van Duzee [Homoptera: Delphacidae]
- 4696 *Deraeocoris navajo* Knight [Hemiptera: Miridae]
- 4697 *Lygus robustus* (Uhler) [Hemiptera: Miridae]
- 4698 *Misa cosyra* (Druce) [Lepidoptera: Noctuidae]
- 4699 *Raphia frater* Grote [Lepidoptera: Noctuidae]
- 4700 *Charadra deridens* (Gn.) [Lepidoptera: Noctuidae]
- 4701 *Acronycta leporina* (Linnaeus) [Lepidoptera: Noctuidae]
- 4702 *Acronycta dactylina* (Grote) [Lepidoptera: Noctuidae]
- 4703 *Acronycta interrupta* Gn. [Lepidoptera: Noctuidae]
- 4704 *Acronycta grisea* Walker [Lepidoptera: Noctuidae]
- 4705 *Acronycta impleta* Walker [Lepidoptera: Noctuidae]
- 4706 *Acronycta distans* (Grote) [Lepidoptera: Noctuidae]
- 4707 *Acronycta perdita* Grote [Lepidoptera: Noctuidae]

- 4708 *Acronycta impressa* Walker
[Lepidoptera: Noctuidae]
- 4709 *Acronycta barnesi* Sm. [Lepidoptera: Noctuidae]
- 4710 *Acronycta lanceolaria* (Grote)
[Lepidoptera: Noctuidae]
- 4711 *Simyra henrici* (Grote) [Lepidoptera: Noctuidae]
- 4712 *Schinia marginata* Haw. [Lepidoptera: Noctuidae]
- 4713 *Schinia thoreau* G. & R.
[Lepidoptera: Noctuidae]
- 4714 *Dasyspoudaea lucens* (Morrison)
[Lepidoptera: Noctuidae]
- 4715 *Canthylidia scutosa* (Denis & Schiff.) [Lepidoptera: Noctuidae]
- 4716 *Oxycnemis* spp. Grote [Lepidoptera: Noctuidae]
- 4717 *Lathosea* spp. Grote [Lepidoptera: Noctuidae]
- 4718 *Lathosea dammersi* McD. [Lepidoptera: Noctuidae]
- 4719 *Cucullia laetifica* Lint.
[Lepidoptera: Noctuidae]
- 4720 *Feralia februalis* Grote
[Lepidoptera: Noctuidae]
- 4721 *Homohadena stabilis* Sm.
[Lepidoptera: Noctuidae]
- 4722 *Oncocnemis* spp. Led. [Lepidoptera: Noctuidae]
- 4723 *Marathyssa inficita* (Walker)
[Lepidoptera: Noctuidae]
- 4724 *Hemieuxoa rudens* (Harv.)
[Lepidoptera: Noctuidae]
- 4725 *Spaelotis havilae* (Grote)
[Lepidoptera: Noctuidae]
- 4726 *Pseudospaelotis haruspica* (Grote)
[Lepidoptera: Noctuidae]
- 4727 *Setagrotis planifrons* (Sm.)
[Lepidoptera: Noctuidae]
- 4728 *Setagrotis piscipellis* (Grote)
[Lepidoptera: Noctuidae]
- 4729 *Eurois occulta* (Linnaeus)
[Lepidoptera: Noctuidae]
- 4730 *Eurois astricta* Morrison
[Lepidoptera: Noctuidae]
- 4731 *Anomogyna infimatis* (Grote)
[Lepidoptera: Noctuidae]
- 4732 *Graphiphora smithi* (Snell.)
[Lepidoptera: Noctuidae]
- 4733 *Graphiphora normaniana* (Grote)
[Lepidoptera: Noctuidae]
- 4734 *Protolampra brunneicollis* (Grote)
[Lepidoptera: Noctuidae]
- 4735 *Anaplectoides prasina* (Denis & Schiff.) [Lepidoptera: Noctuidae]
- 4736 *Hemigraphiphora plebeia* (Sm.)
[Lepidoptera: Noctuidae]
- 4737 *Protolampra rufipectus* (Morrison)
[Lepidoptera: Noctuidae]
- 4738 *Abagrotis erratica* (Sm.)
[Lepidoptera: Noctuidae]
- 4739 *Rhynchagrotis cupida* (Grote)
[Lepidoptera: Noctuidae]
- 4740 *Abagrotis nanalis* (Grote)
[Lepidoptera: Noctuidae]
- 4741 *Abagrotis forbesi* (Benj.)
[Lepidoptera: Noctuidae]
- 4742 *Abagrotis discoidalis* (Grote)
[Lepidoptera: Noctuidae]
- 4743 *Abagrotis nefascia* (Sm.)
[Lepidoptera: Noctuidae]
- 4744 *Abagrotis barnesi* (Benj.)
[Lepidoptera: Noctuidae]
- 4745 *Abagrotis* spp. [Lepidoptera: Noctuidae]
- 4746 *Abagrotis apposita* (Grote)
[Lepidoptera: Noctuidae]
- 4747 *Protorthodes curtica* (Sm.)
[Lepidoptera: Noctuidae]
- 4748 *Lacinipolia patalis* (Grote)
[Lepidoptera: Noctuidae]
- 4749 *Lacinipolia pensilis* (Grote)
[Lepidoptera: Noctuidae]
- 4750 *Lacinipolia stricta* (Walker)
[Lepidoptera: Noctuidae]
- 4751 *Lacinipolia quadrilineata* (Grote)
[Lepidoptera: Noctuidae]
- 4752 *Lasionycta perplexa* (Sm.)
[Lepidoptera: Noctuidae]
- 4753 *Polia detracta* (Walker)
[Lepidoptera: Noctuidae]
- 4754 *Miodera stigmata* Sm. [Lepidoptera: Noctuidae]
- 4755 *Zosteropoda hirtipes* Grote
[Lepidoptera: Noctuidae]

- 4756 *Orthodes crenulata* (Butl.)
[Lepidoptera: Noctuidae]
- 4757 *Pseudorthodes irrorata* (Sm.)
[Lepidoptera: Noctuidae]
- 4758 *Lophoceramia artega* (Barnes)
[Lepidoptera: Noctuidae]
- 4759 *Homorthodes communis* (Dyar)
[Lepidoptera: Noctuidae]
- 4760 *Protorthodes texana* (Sm.)
[Lepidoptera: Noctuidae]
- 4761 *Homorthodes perbrunnea* (Grote)
[Lepidoptera: Noctuidae]
- 4762 *Polia delecta* B. & McD.
[Lepidoptera: Noctuidae]
- 4763 *Stretchia muricina* (Grote)
[Lepidoptera: Noctuidae]
- 4764 *Polia nugatis* (Sm.) [Lepidoptera:
Noctuidae]
- 4765 *Polia pulverulenta* (Sm.)
[Lepidoptera: Noctuidae]
- 4766 *Polia grandis* (Boisduvall)
[Lepidoptera: Noctuidae]
- 4767 *Polia nimbose* (Gn.) [Lepidoptera:
Noctuidae]
- 4768 *Polia invalida* (Sm.) [Lepidoptera:
Noctuidae]
- 4769 *Polia adjuncta* (Boisduvall)
[Lepidoptera: Noctuidae]
- 4770 *Polia subjuncta* (G. & R.)
[Lepidoptera: Noctuidae]
- 4771 *Polia lutra* (Gn.) [Lepidoptera:
Noctuidae]
- 4772 *Polia atlantica* (Grote)
[Lepidoptera: Noctuidae]
- 4773 *Xylomania crucialis* (Harv.)
[Lepidoptera: Noctuidae]
- 4774 *Xylomania* spp. Hamp. [Lepidoptera:
Noctuidae]
- 4775 *Xylomania hiemalis* (Grote)
[Lepidoptera: Noctuidae]
- 4776 *Orthosia praeses* (Grote)
[Lepidoptera: Noctuidae]
- 4777 *Acerra normalis* (Grote)
[Lepidoptera: Noctuidae]
- 4778 *Xylomyges rubrica* (Harv.)
[Lepidoptera: Noctuidae]
- 4779 *Ufeus hulsti* Sm. [Lepidoptera:
Noctuidae]
- 4780 *Ufeus faunus* Stkr. [Lepidoptera:
Noctuidae]
- 4781 *Andropolia diversilineata* (Grote)
[Lepidoptera: Noctuidae]
- 4782 *Lithomoia solidaginis* (Hubner)
[Lepidoptera: Noctuidae]
- 4783 *Xylena brucei* (Sm.) [Lepidoptera:
Noctuidae]
- 4784 *Xylena nupera* (Lint.) [Lepidoptera:
Noctuidae]
- 4785 *Xylena curvimacula* (Morrison)
[Lepidoptera: Noctuidae]
- 4786 *Pseudoglaea olivata* (Harv.)
[Lepidoptera: Noctuidae]
- 4787 *Platypolia contadina* (Sm.)
[Lepidoptera: Noctuidae]
- 4788 *Hillia maida* (Dyar) [Lepidoptera:
Noctuidae]
- 4789 *Fishia evelina* (French)
[Lepidoptera: Noctuidae]
- 4790 *Fishia yosemitae* (Grote)
[Lepidoptera: Noctuidae]
- 4791 *Graptolitha dilatocula* (Sm.)
[Lepidoptera: Noctuidae]
- 4792 *Lithophane georgii* Grote
[Lepidoptera: Noctuidae]
- 4793 *Lithophane antennata* (Walker)
[Lepidoptera: Noctuidae]
- 4794 *Lithophane unimoda* (Lint.)
[Lepidoptera: Noctuidae]
- 4795 *Homohadena fifia* Dyar [Lepidoptera:
Noctuidae]
- 4796 *Tricholita chipeta* Barnes
[Lepidoptera: Noctuidae]
- 4797 *Stretchia plusiaeformis* Hy. Edw.
[Lepidoptera: Noctuidae]
- 4798 *Lithophane pertorrida* (McD.)
[Lepidoptera: Noctuidae]
- 4799 *Lithophane disposita* Morrison
[Lepidoptera: Noctuidae]
- 4800 *Lithophane innominata* (Sm.)
[Lepidoptera: Noctuidae]
- 4801 *Eupsilia tristigmata* (Grote)
[Lepidoptera: Noctuidae]
- 4802 *Eupsilia fringata* (B. & McD.)
[Lepidoptera: Noctuidae]
- 4803 *Eupsilia devia* (Grote) [Lepidoptera:
Noctuidae]

- 4804 *Litholomia napaea* (Morrison)
[Lepidoptera: Noctuidae]
- 4805 *Brachylomia populi* (Stkr.)
[Lepidoptera: Noctuidae]
- 4806 *Hyppa brunneicrista* Sm.
[Lepidoptera: Noctuidae]
- 4807 *Euplexia benesimilis* McD.
[Lepidoptera: Noctuidae]
- 4808 *Zotheca tranquilla* Grote
[Lepidoptera: Noctuidae]
- 4809 *Aseptis characta* (Grote)
[Lepidoptera: Noctuidae]
- 4810 *Aseptis fumeola* (Hamp.)
[Lepidoptera: Noctuidae]
- 4811 *Aseptis perfumosa* (Hamp.)
[Lepidoptera: Noctuidae]
- 4812 *Aseptis binotata* (Walker)
[Lepidoptera: Noctuidae]
- 4813 *Ogdoconta cinereola* (Gn.)
[Lepidoptera: Noctuidae]
- 4814 *Platysenta discistriga* (Sm.)
[Lepidoptera: Noctuidae]
- 4815 *Platysenta* spp. Grote [Lepidoptera:
Noctuidae]
- 4816 *Plagiomimicus pityochromus* Grote
[Lepidoptera: Noctuidae]
- 4817 *Sunira verberata* (Sm.) [Lepidoptera:
Noctuidae]
- 4818 *Sunira straminea* (Sm.) [Lepidoptera:
Noctuidae]
- 4819 *Xanthia lutea* (Strom.) [Lepidoptera:
Noctuidae]
- 4820 *Amphipyra pyramidoides* Gn.
[Lepidoptera: Noctuidae]
- 4821 *Papaipema pertincta* Dyar
[Lepidoptera: Noctuidae]
- 4822 *Plusia aereoides* Grote [Lepidoptera:
Noctuidae]
- 4823 *Syngrapha orophila* (Hamp.)
[Lepidoptera: Noctuidae]
- 4824 *Autographa ampla* Walker
[Lepidoptera: Noctuidae]
- 4825 *Autographa corusca* (Stkr.)
[Lepidoptera: Noctuidae]
- 4826 *Sarrothripus frigidana* (Walker)
[Lepidoptera: Noctuidae]
- 4827 *Characoma nilotica* (Rogenh.)
[Lepidoptera: Noctuidae]
- 4828 *Synedoida divergens* (Behr.)
[Lepidoptera: Noctuidae]
- 4829 *Drasteria mirifica* (Hy. Edw.)
[Lepidoptera: Noctuidae]
- 4830 *Synedoida howlandi* (Grote)
[Lepidoptera: Noctuidae]
- 4831 *Bulia deducta* (Morrison)
[Lepidoptera: Noctuidae]
- 4832 *Melipotis novanda* (Gn.)
[Lepidoptera: Noctuidae]
- 4833 *Melipotis jucunda* Hubner
[Lepidoptera: Noctuidae]
- 4834 *Zaleops umbrina* (Grote)
[Lepidoptera: Noctuidae]
- 4835 *Yrias volucris* (Grote) [Lepidoptera:
Noctuidae]
- 4836 *Yrias crudelis* Grote [Lepidoptera:
Noctuidae]
- 4837 *Yrias repentis* (Grote) [Lepidoptera:
Noctuidae]
- 4838 *Heteranassa mima* (Harv.)
[Lepidoptera: Noctuidae]
- 4839 *Otosema odora* (L.) [Lepidoptera:
Noctuidae]
- 4840 *Zale lunata* (Drury) [Lepidoptera:
Noctuidae]
- 4841 *Zale minerea* (Gn.) [Lepidoptera:
Noctuidae]
- 4842 *Toxocampa victoria* Grote
[Lepidoptera: Noctuidae]
- 4843 *Catocala relictata* Walker
[Lepidoptera: Noctuidae]
- 4844 *Catocala amatrix* (Hubner)
[Lepidoptera: Noctuidae]
- 4845 *Catocala unijuga* Walker
[Lepidoptera: Noctuidae]
- 4846 *Catocala luciana* Stkr. [Lepidoptera:
Noctuidae]
- 4847 *Catocala allusa* Hlst. [Lepidoptera:
Noctuidae]
- 4848 *Catocala irene* Behr. [Lepidoptera:
Noctuidae]
- 4849 *Catocala babayaga* Stkr.
[Lepidoptera: Noctuidae]
- 4850 *Catocala arizonae* Grote
[Lepidoptera: Noctuidae]
- 4851 *Catocala hermia* Hy. Edw.
[Lepidoptera: Noctuidae]

- 4852 *Catocala chelidonia* Grote
[Lepidoptera: Noctuidae]
- 4853 *Catocala gracilis* Edw. [Lepidoptera: Noctuidae]
- 4854 *Scoliopteryx libatrix* (L.)
[Lepidoptera: Noctuidae]
- 4855 *Palthis angulalis* Hubner
[Lepidoptera: Noctuidae]
- 4856 *Zale rubi* (Hy. Edw.) [Lepidoptera: Noctuidae]
- 4857 *Phlogophora periculosa* Gn.
[Lepidoptera: Noctuidae]
- 4858 *Lycanades pulchella* (Grote)
[Lepidoptera: Noctuidae]
- 4859 *Tischeria ceanothi* Walsingham
[Lepidoptera: Tischeriidae]
Immature/Adult Guild: Leaf miner/?
- 4860 *Tischeria ambigua* Braun
[Lepidoptera: Tischeriidae]
Immature/Adult Guild: Leaf miner/?
- 4861 *Tischeria bifurcata* Braun
[Lepidoptera: Tischeriidae]
Immature/Adult Guild: Leaf miner/?
- 4862 *Pulvinaria innumerabilis* (Cottony
maple scale) [Homoptera: Coccidae]
Oviposition Medium: Twig surfaces
- 4863 *Rhopalomyzus grabhami* (Cockerell)
[Homoptera: Aphididae]
- 4864 *Sitobion frageriae* Walker
[Homoptera: Aphididae]
- 4865 *Stegophylla essigi* H.R. Lambers
[Homoptera: Aphididae]
- 4866 *Braggia deserticola* H.R. Lambers
[Homoptera: Aphididae]
- 4867 *Braggia eriogoni* (Cowen) [Homoptera: Aphididae]
- 4868 *Braggia urovaneta* (Hottes)
[Homoptera: Aphididae]
- 4869 *Euthoracaphis umbellulariae* (Essig)
[Homoptera: Aphididae]
- 4870 *Fimbriaphis gentneri* (Mason)
[Homoptera: Aphididae]
- 4871 *Glabromyzus schlingeri* H.R. Lambers
[Homoptera: Aphididae]
- 4872 *Macrosiphum raysmithi* H.R. Lambers
[Homoptera: Aphididae]
- 4873 *Pleotrichophorus obscuratus* H.R.
Lambers [Homoptera: Aphididae]
- 4874 *Papilio dardanus* [Lepidoptera: Papilionidae]
- 4875 *Papilio glaucus* [Lepidoptera: Papilionidae]
- 4876 *Papilio* spp. [Lepidoptera: Papilionidae]
- 4877 *Gonepteryx* spp. [Lepidoptera: Family?]
- 4878 *Acanthoscelides daleae* Johnson
[Coleoptera: Bruchidae]
- 4879 *Caupolicana yarrowi* (Cresson)
[Hymenoptera: Colletidae]
- 4880 *Ptiloglossa arizonensis* Timberlake
[Hymenoptera: Colletidae]
- 4881 *Ptiloglossa jonesi* Timberlake
[Hymenoptera: Colletidae]
- 4882 *Colletes clypeonitens* Swenk
[Hymenoptera: Colletidae]
- 4883 *Colletes covilleae* Timberlake
[Hymenoptera: Colletidae]
- 4884 *Colletes larreae* Timberlake
[Hymenoptera: Colletidae]
- 4885 *Colletes louisae* Cockerell
[Hymenoptera: Colletidae]
- 4886 *Colletes stepheni* Cockerell
[Hymenoptera: Colletidae]
- 4887 *Colletes wootoni* Cockerell
[Hymenoptera: Colletidae]
- 4888 *Ancylandrena larreae* Timberlake
[Hymenoptera: Andrenidae]
- 4889 *Megandrena enceliae* Cockerell
[Hymenoptera: Andrenidae]
- 4890 *Perdita flavipes* Timberlake
[Hymenoptera: Andrenidae]
- 4891 *Perdita covilleae* Timberlake
[Hymenoptera: Andrenidae]
- 4892 *Perdita punctulata* Timberlake
[Hymenoptera: Andrenidae]
- 4893 *Perdita semiaerulea* Cockerell
[Hymenoptera: Andrenidae]
- 4894 *Perdita eremica* Timberlake
[Hymenoptera: Andrenidae]
- 4895 *Perdita luciae decora* Timberlake
[Hymenoptera: Andrenidae]
- 4896 *Perdita lateralis lateralis*
Timberlake [Hymenoptera: Andrenidae]
- 4897 *Perdita larreae* Cockerell
[Hymenoptera: Andrenidae]
- 4898 *Perdita marcialis* Cockerell
[Hymenoptera: Andrenidae]

- 4899 *Perdita turgiceps* Timberlake
[Hymenoptera: Andrenidae]
- 4900 *Nomadopsis foleyi* Timberlake
[Hymenoptera: Andrenidae]
- 4901 *Nomadopsis larreae* Timberlake
[Hymenoptera: Andrenidae]
- 4902 *Protoxaea gloriosa* (Fox)
[Hymenoptera: Oxaeidae]
- 4903 *Lasioglossum sisymbrii* (Cockerell)
[Hymenoptera: Halictidae]
- 4904 *Evylaeus amicus* (Cockerell)
[Hymenoptera: Halictidae]
- 4905 *Dialictus alius* (Sandhouse)
[Hymenoptera: Halictidae]
- 4906 *Dialictus clarissimus* (Ellis)
[Hymenoptera: Halictidae]
- 4907 *Dialictus microlepoides* (Ellis)
[Hymenoptera: Halictidae]
- 4908 *Dialictus perparvum* (Ellis)
[Hymenoptera: Halictidae]
- 4909 *Dialictus pruinisiformis* (Crawford)
[Hymenoptera: Halictidae]
- 4910 *Agapostemon angelicus* Cockerell
[Hymenoptera: Halictidae]
- 4911 *Agapostemon cockerelli* Crawford
[Hymenoptera: Halictidae]
- 4912 *Agapostemon tyleri* Cockerell
[Hymenoptera: Halictidae]
- 4913 *Nomia mesillensis* Cockerell
[Hymenoptera: Halictidae]
- 4914 *Nomia tetrazonata tetrazonata*
Cockerell [Hymenoptera: Halictidae]
- 4915 *Hesperapis arida* Michener
[Hymenoptera: Melittidae]
- 4916 *Hesperapis larreae* Cockerell
[Hymenoptera: Melittidae]
- 4917 *Heteranthidium larreae* (Cockerell)
[Hymenoptera: Megachilidae]
- 4918 *Anthidium cockerelli* Schwarz
[Hymenoptera: Megachilidae]
- 4919 *Anthidium jocosum* Cresson
[Hymenoptera: Megachilidae]
- 4920 *Anthidium paroselae* Cockerell
[Hymenoptera: Megachilidae]
- 4921 *Anthidium sonorensis* Cockerell
[Hymenoptera: Megachilidae]
- 4922 *Anthidiellum ehrhorni* (Cockerell)
[Hymenoptera: Megachilidae]
- 4923 *Ashmeadiella breviceps* Michener
[Hymenoptera: Megachilidae]
- 4924 *Hoplitis biscutellae* (Cockerell)
[Hymenoptera: Megachilidae]
- 4925 *Osmia clarescens* Cockerell
[Hymenoptera: Megachilidae]
- 4926 *Osmia marginata* Michener
[Hymenoptera: Megachilidae]
- 4927 *Osmia titusi* Cockerell [Hymenoptera:
Megachilidae]
- 4928 *Megachile gentilis* Cresson
[Hymenoptera: Megachilidae]
- 4929 *Megachile lippiae* Cockerell
[Hymenoptera: Megachilidae]
- 4930 *Megachile fucata* Cockerell
[Hymenoptera: Megachilidae]
- 4931 *Megachile policularis* Say
[Hymenoptera: Megachilidae]
- 4932 *Chalicodoma chilopsidis* (Cockerell)
[Hymenoptera: Megachilidae]
- 4933 *Chalicodoma discorhina* (Cockerell)
[Hymenoptera: Megachilidae]
- 4934 *Chalicodoma occidentalis* (Fox)
[Hymenoptera: Megachilidae]
- 4935 *Chalicodoma spinotulata* (Mitchell)
[Hymenoptera: Megachilidae]
- 4936 *Exomalopsis solani* Cockerell
[Hymenoptera: Anthophoridae]
- 4937 *Martinapis luteicornis* (Cockerell)
[Hymenoptera: Anthophoridae]
- 4938 *Melissodes paroselae* Cockerell
[Hymenoptera: Anthophoridae]
- 4939 *Melissodes tristis* Cockerell
[Hymenoptera: Anthophoridae]
- 4940 *Xenoglossodes eriocarpi* (Cockerell)
[Hymenoptera: Anthophoridae]
- 4941 *Synhalonia albescens* Timberlake
[Hymenoptera: Anthophoridae]
- 4942 *Synhalonia angustifrons* Timberlake
[Hymenoptera: Anthophoridae]
- 4943 *Synhalonia primiveris* Timberlake
[Hymenoptera: Anthophoridae]
- 4944 *Synhalonia venusta venusta*
(Timberlake) [Hymenoptera: Anthophoridae]
- 4945 *Anthophora linsleyi* Timberlake
[Hymenoptera: Anthophoridae]

- 4946 *Anthophora urbana urbana* Cresson
[Hymenoptera: Anthophoridae]
- 4947 *Anthophora californica albomarginata* Timberlake [Hymenoptera: Anthophoridae]
- 4948 *Anthophora hololeuca* Cockerell
[Hymenoptera: Anthophoridae]
- 4949 *Emphoropsis pallida* Timberlake
[Hymenoptera: Anthophoridae]
- 4950 *Centris hoffmanseggiae* Cockerell
[Hymenoptera: Anthophoridae]
- 4951 *Centris pallida* Fox [Hymenoptera: Anthophoridae]
- 4952 *Centris atripes* Mocsary
[Hymenoptera: Anthophoridae]
- 4953 *Centris cockerelli resoluta* Cockerell [Hymenoptera: Anthophoridae]
- 4954 *Centris rhodopus* Cockerell
[Hymenoptera: Anthophoridae]
- 4955 *Ceratina apacheorum* Daly
[Hymenoptera: Anthophoridae]
- 4956 *Xylocopa californica arizonensis* Cresson [Hymenoptera: Anthophoridae]
- 4957 *Xylocopa tabaniformis androleuca* Michener [Hymenoptera: Anthophoridae]
- 4958 *Bombus pennsylvanicus sonorus* Say
[Hymenoptera: Apidae]
- 4959 *Multareoides digitatus* (Van Duzee)
[Homoptera: Membracidae]
- 4960 *Multareoides planifrons* (Van Duzee)
[Homoptera: Membracidae]
- 4961 *Callosobruchus maculatus* (Fabricius)
[Coleoptera: Bruchidae] Immature/Adult
Guild: Internal seed feeder/?
Oviposition Medium: Seed surfaces
- 4962 *Adelphocoris lineolatus*
[Hemiptera: Miridae]
- 4963 *Orthezia juniperi* Morrison
[Homoptera: Ortheziidae]
- 4964 *Arctorthezia pseudoccidentalis* Morrison [Homoptera: Ortheziidae]
- 4965 *Asterolecanium agavis* (Russell)
[Homoptera: Coccidae]
- 4966 *Asterolecanium grandicolum* (Russell)
[Homoptera: Coccidae]
- 4967 *Aphis incognita* H. & F. [Homoptera: Aphididae]
- 4968 *Plagiomerus diaspidis* Crawford
[Hymenoptera: Encyrtidae] Immature/Adult
Guild: Endoparasite/?
- 4969 *Microsiphum oregonensis* Wilson
[Homoptera: Aphididae]
- 4970 *Lachnus edulis* Wilson [Homoptera: Aphididae]
- 4971 *Lachnus burrilli* Wilson [Homoptera: Aphididae]
- 4972 *Tuberolachnus viminalis* (Boyer)
[Homoptera: Aphididae]
- 4973 *Chrysobothris prosopidis* Fisher
[Coleoptera: Buprestidae]
- 4974 *Chrysobothris cuprascens* LeConte
[Coleoptera: Buprestidae]
- 4975 *Chrysobothris helferi* Fisher
[Coleoptera: Buprestidae]
- 4976 *Chrysobothris speculifer* Horn
[Coleoptera: Buprestidae]
- 4977 *Chrysobothris iris* Van Dyke
[Coleoptera: Buprestidae]
- 4978 *Chrysobothris viridicyanea* Horn
[Coleoptera: Buprestidae]
- 4979 *Chrysobothris carmelita* Fall
[Coleoptera: Buprestidae]
- 4980 *Chrysobothris piuta* Wickham
[Coleoptera: Buprestidae]
- 4981 *Actenodes mendax* Horn [Coleoptera: Buprestidae]
- 4982 *Chrysobothris arizonica* Chamberlain
[Coleoptera: Buprestidae]
- 4983 *Chrysobothris chamberlini* Fisher
[Coleoptera: Buprestidae]
- 4984 *Chrysobothris deserta* Horn
[Coleoptera: Buprestidae]
- 4985 *Chrysobothris atriplexae* Fisher
[Coleoptera: Buprestidae]
- 4986 *Chrysobothris pubescens* Fall
[Coleoptera: Buprestidae]
- 4987 *Chrysobothris beyeri* Schaeffer
[Coleoptera: Buprestidae]
- 4988 *Chrysobothris aeneola* LeConte
[Coleoptera: Buprestidae]
- 4989 *Chrysobothris humulus* Horn
[Coleoptera: Buprestidae]
- 4990 *Chrysobothris purpureoplagiata* Schaeffer [Coleoptera: Buprestidae]
- 4991 *Chrysobothris lilaceous* Chamberlain
[Coleoptera: Buprestidae]
- 4992 *Chrysobothris juniperus* Chamberlain
[Coleoptera: Buprestidae]

- 4993 *Chrysobothris quadrilineata* LeConte
[Coleoptera: Buprestidae]
- 4994 *Chrysobothris nixa* Horn [Coleoptera: Buprestidae]
- 4995 *Chrysobothris acuminata* LeConte
[Coleoptera: Buprestidae]
- 4996 *Chrysobothris serripes* Schaeffer
[Coleoptera: Buprestidae]
- 4997 *Chrysobothris atrifasciata* LeConte
[Coleoptera: Buprestidae]
- 4998 *Chrysobothris platti* Cazier
[Coleoptera: Buprestidae]
- 4999 *Melissodes pallidicincta* Cockerell
[Hymenoptera: Anthophoridae]
- 5000 *Chlosyne lacinia* (Geyer)
[Lepidoptera: Nymphalidae]
- 5001 *Polygonia comma* (Harris)
[Lepidoptera: Nymphalidae]
- 5002 *Limenitis weidemeyerii* W.H. Edwards
[Lepidoptera: Nymphalidae]
- 5003 *Zerene cesonia* (Stoll) [Lepidoptera: Pieridae]
- 5004 *Incisalia augustinus* (Westwood)
[Lepidoptera: Lycaenidae]
- 5005 *Incisalia polios* Cook & Watson
[Lepidoptera: Lycaenidae]
- 5006 *Heteropsis alpheus* (W.H. Edwards)
[Lepidoptera: Hesperidae]
- 5007 *Heteropsis graciellae* (MacNeil)
[Lepidoptera: Hesperidae]
- 5008 *Calephelis nemesis* (W.H. Edwards)
[Lepidoptera: Riodinidae]
- 5009 *Limenitis arthemis* (Drury)
[Lepidoptera: Nymphalidae]
- 5010 *Polygonia faunus* (W.H. Edwards)
[Lepidoptera: Nymphalidae]
- 5011 *Polygonia progne* (Cramer)
[Lepidoptera: Nymphalidae]
- 5012 *Anteos clorinde* (Godart)
[Lepidoptera: Pieridae]
- 5013 *Abaeis nicippe* (Cramer)
[Lepidoptera: Pieridae]
- 5014 *Eurema mexicana* (Boisduval)
[Lepidoptera: Pieridae]
- 5015 *Phoebis sennae* (Linnaeus)
[Lepidoptera: Pieridae]
- 5016 *Pyrisitia lisa* (Boisduvall & LeConte) [Lepidoptera: Pieridae]
- 5017 *Phoebis philea* (Johanson)
[Lepidoptera: Pieridae]
- 5018 *Papilio indra* W.H. Edwards
[Lepidoptera: Papilionidae]
- 5019 *Apodemia nais* (W.H. Edwards)
[Lepidoptera: Riodinidae]
- 5020 *Satyrium saepium* (Boisduval)
[Lepidoptera: Lycaenidae]
- 5021 *Celastrina argiolus cinerea* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5022 *Erynnis martialis* (Scudder)
[Lepidoptera: Hesperidae]
- 5023 *Erynnis pacuvius* Lintner
[Lepidoptera: Hesperidae]
- 5024 *Satyrium californica* (W.H. Edwards)
[Lepidoptera: Lycaenidae]
- 5025 *Asterocampa celtis* (Boisduvall & LeConte) [Lepidoptera: Nymphalidae]
- 5026 *Asterocampa clyton* (Boisduvall & LeConte) [Lepidoptera: Nymphalidae]
- 5027 *Libytheana bachmanii* (Kirtland)
[Lepidoptera: Nymphalidae]
- 5028 *Polygonia interrogationis* (Fabricius) [Lepidoptera: Nymphalidae]
- 5029 *Callipsyche behrii* (W.H. Edwards)
[Lepidoptera: Lycaenidae]
- 5030 *Charidryas acastus* (W.H. Edwards)
[Lepidoptera: Nymphalidae]
- 5031 *Charidryas palla* (Boisduval)
[Lepidoptera: Nymphalidae]
- 5032 *Incisalia fotis* (Strecker)
[Lepidoptera: Lycaenidae]
- 5033 *Limenitis lorquini* (Boisduval)
[Lepidoptera: Nymphalidae]
- 5034 *Satyrium liparops* (LeConte)
[Lepidoptera: Lycaenidae]
- 5035 *Clossiana frigga* (Thunberg)
[Lepidoptera: Nymphalidae]
- 5036 *Clossiana alberta* (W.H. Edwards)
[Lepidoptera: Nymphalidae]
- 5037 *Apodemia mormo* Felder & Felder
[Lepidoptera: Riodinidae]
- 5038 *Euphilotes battoides ellisi* (Shields) [Lepidoptera: Lycaenidae]
- 5039 *Euphilotes rita coloradensis* (Matoni) [Lepidoptera: Lycaenidae]
- 5040 *Euphilotes battoides centralis* (Barnes & McDunnough) [Lepidoptera: Lycaenidae]

- 5041 *Euphilotes rita pallescens* (Tilden & Downey) [Lepidoptera: Lycaenidae]
- 5042 *Euphilotes rita emmeli* (Shields) [Lepidoptera: Lycaenidae]
- 5043 *Euphilotes spaldingi* (Barnes & McDunnough) [Lepidoptera: Lycaenidae]
- 5044 *Chalceria heteronea* (Boisduval) [Lepidoptera: Lycaenidae]
- 5045 *Callophrys affinis* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5046 *Callophrys apama* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5047 *Callophrys comstocki* Henne [Lepidoptera: Lycaenidae]
- 5048 *Callophrys sheridanii* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5049 *Euphilotes battoides glaucon* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5050 *Euphilotes enoptes ancilla* (Barnes & McDunnough) [Lepidoptera: Lycaenidae]
- 5051 *Colias peldine* Boisduvall & LeConte [Lepidoptera: Pieridae]
- 5052 *Plebejus acmon* (Westwood & Hewitson) [Lepidoptera: Lycaenidae]
- 5053 *Mitoura siva* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5054 *Phyciodes phaon* (W.H. Edwards) [Lepidoptera: Nymphalidae]
- 5055 *Junonia coenia* (Hubner) [Lepidoptera: Nymphalidae]
- 5056 *Hypodryas gillettii* (Barnes) [Lepidoptera: Nymphalidae]
- 5057 *Glaucopsyche piasus daunia* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5058 *Lycaeides argyrognomon sublivens* Nabokov [Lepidoptera: Lycaenidae]
- 5059 *Colias philodoce* Godart [Lepidoptera: Pieridae]
- 5060 *Erynnis afranius* (Lintner) [Lepidoptera: Hesperidae]
- 5061 *Glaucopsyche piasus* (Boisduvall) [Lepidoptera: Lycaenidae]
- 5062 *Lycaeides argyrognomon* (Bergstrasser) [Lepidoptera: Lycaenidae]
- 5063 *Lycaeides melissa* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5064 *Plebejus shasta* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5065 *Satyrium fuliginosum* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5066 *Vanessa annabella* (Field) [Lepidoptera: Nymphalidae]
- 5067 *Ministrymon leda* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5068 *Apodemia palmerii* (W.H. Edwards) [Lepidoptera: Riodinidae]
- 5069 *Hemiargus ceraunus* Fabricius [Lepidoptera: Lycaenidae]
- 5070 *Euphroeades eurymedon* (Lucas) [Lepidoptera: Papilionidae]
- 5071 *Euphroeades glaucus* (Linnaeus) [Lepidoptera: Papilionidae]
- 5072 *Euphroeades multicaudatus* (Kirby) [Lepidoptera: Papilionidae]
- 5073 *Euphroeades rutulus* (Lucas) [Lepidoptera: Papilionidae]
- 5074 *Harkenclenus titus* (Fabricius) [Lepidoptera: Lycaenidae]
- 5075 *Limenitis archippus* (Cramer) [Lepidoptera: Nymphalidae]
- 5076 *Heraclides cresphontes* (Cramer) [Lepidoptera: Papilionidae]
- 5077 *Habrodais grunus* (Boisduval) [Lepidoptera: Lycaenidae]
- 5078 *Erynnis brizo burgessi* (Skinner) [Lepidoptera: Hesperidae]
- 5079 *Erynnis horatius* (Scudder & Burgess) [Lepidoptera: Hesperidae]
- 5080 *Erynnis telemachus* Burns [Lepidoptera: Hesperidae]
- 5081 *Hapaurotis crysalus* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5082 *Satyrium calanus* (Hubner) [Lepidoptera: Lycaenidae]
- 5083 *Polygonia oreas oreas* (W.H. Edwards) [Lepidoptera: Papilionidae]
- 5084 *Tharsalea arota* (Boisduval) (Arota) [Lepidoptera: Lycaenidae]
- 5085 *Clossiana freiya* (Thunberg) [Lepidoptera: Nymphalidae]
- 5086 *Satyrium acadica* (W.H. Edwards) [Lepidoptera: Lycaenidae]
- 5087 *Satyrium sylvinus* (Boisduval) [Lepidoptera: Lycaenidae]
- 5088 *Clossiana acrocneuma* (Gall & Sperling) [Lepidoptera: Nymphalidae]

- 5089 *Colias gigantea* Strecker
[Lepidoptera: Pieridae]
- 5090 *Colias scudderii* Reakirt
[Lepidoptera: Pieridae]
- 5091 *Erynnis icelus* (Scudder & Burgess)
[Lepidoptera: Hesperidae]
- 5092 *Nymphalis vaualbum* (Denis & Schiffermul.) [Lepidoptera: Nymphalidae]
- 5093 *Procllossiana eunomia* (Esper)
[Lepidoptera: Nymphalidae]
- 5094 *Occidryas chalcedona paradoxa*
(McDunnough) [Lepidoptera: Nymphalidae]
- 5095 *Colias interior* Scudder
[Lepidoptera: Pieridae]
- 5096 *Megathymus streckeri streckeri*
[Lepidoptera: Hesperidae]
- 5097 *Megathymus coloradensis navajo*
Skinner [Lepidoptera: Hesperidae]
- 5098 *Megathymus streckeri texanus*
[Lepidoptera: Hesperidae]
- 5099 *Megathymus coloradensis* Riley
[Lepidoptera: Hesperidae]
- 5100 *Megathymus streckeri* (Skinner)
[Lepidoptera: Hesperidae]
- 5101 *Megathymus coloradensis browni*
[Lepidoptera: Hesperidae]
- 5102 *Lestes unguiculatus* Hagen [Odonata:
Lestidae]
- 5103 *Amphiagrion abbreviatum* (Selys)
[Odonata: Coenagrionidae]
- 5104 *Enallagma boreale* Selys [Odonata:
Coenagrionidae]
- 5105 *Trimerotropis arenacea* Rehn
[Orthoptera: Acrididae]
- 5106 *Trimerotropis cyaneipennis* Brunner
[Orthoptera: Acrididae]
- 5107 *Oedaleothrips yosemitae* (Moulton)
[Thysanoptera: Phlaeothripidae]
- 5108 *Deraeocoris nubilus* Knight
[Hemiptera: Miridae]
- 5109 *Deraeocoris schwartzii* (Uhler)
[Hemiptera: Miridae]
- 5110 *Dicyphus cucurbitaceus* (Spinola)
[Hemiptera: Miridae]
- 5111 *Hadronema militare* (Uhler)
[Hemiptera: Miridae]
- 5112 *Hadronema simplex* Knight [Hemiptera:
Miridae]
- 5113 *Labopidea* spp. [Hemiptera:
Miridae]
- 5114 *Dichroascytus irroratus* Van Duzee
[Hemiptera: Miridae]
- 5115 *Lygus desertus* Knight [Hemiptera:
Miridae]
- 5116 *Lygus nigropallidus* Knight
[Hemiptera: Miridae]
- 5117 *Orthops scutellatus* Uhler
[Hemiptera: Miridae]
- 5118 *Proba sallei* (Stal) [Hemiptera:
Miridae]
- 5119 *Leptopterna ferrugata* (Fallen)
[Hemiptera: Miridae]
- 5120 *Stenodema virens* (Linnaeus)
[Hemiptera: Miridae]
- 5121 *Phymata americana coloradensis* Melin
[Hemiptera: Phymatidae]
- 5122 *Sinea spinicollis* (Champion)
[Hemiptera: Reduviidae]
- 5123 *Hesperotingis occidentalis* Drake
[Hemiptera: Tingidae]
- 5124 *Neides muticus* (Say) [Hemiptera:
Berytidae]
- 5125 *Lygaeus kalmii kalmii* Stal
[Hemiptera: Lygaeidae]
- 5126 *Melanocoryphus bicrucis* (Say)
[Hemiptera: Lygaeidae]
- 5127 *Ortholomus scolopax* Say [Hemiptera:
Lygaeidae]
- 5128 *Kleidocerys franciscanus* (Stal)
[Hemiptera: Lygaeidae]
- 5129 *Geocoris pallens pallens* Stal
[Hemiptera: Lygaeidae]
- 5130 *Coriomeris humilis* (Uhler)
[Hemiptera: Coreidae]
- 5131 *Arhyssus barberi* Harris [Hemiptera:
Rhopalidae]
- 5132 *Homaemus aeneifrons consors* Uhler
[Hemiptera: Scutelleridae]
- 5133 *Aelia americana* Dallas [Hemiptera:
Pentatomidae]
- 5134 *Carpocoris remotus* Horvath
[Hemiptera: Pentatomidae]
- 5135 *Pitedia linguata* (Say) [Hemiptera:
Pentatomidae]
- 5136 *Pitedia uhleri* (Stal) [Hemiptera:
Pentatomidae]

- 5137 *Peribalus limbolaris* (Stal)
[Hemiptera: Pentatomidae]
- 5138 *Perillus* spp. [Hemiptera: Pentatomidae]
- 5139 *Thyanta pallidovirens pallidovirens* Stal [Hemiptera: Pentatomidae]
- 5140 *Phymata pennsylvanica* Handlirsch [Hemiptera: Phymatidae]
- 5141 *Macrosteles* spp. [Homoptera: Cicadellidae]
- 5142 *Scolops abnormalis* Ball [Homoptera: Dictyopharidae]
- 5143 *Psylla galeaformis* Patch [Homoptera: Psyllidae]
- 5144 *Aphis eriogoni* Cowen [Homoptera: Aphididae]
- 5145 *Amonostherium lichtensioides* (Cockerell) (Artemisia scale)
[Homoptera: Pseudococcidae]
- 5146 *Chorizococcus abortivus* McKenzie [Homoptera: Pseudococcidae]
- 5147 *Chorizococcus aphyllonis* (Cockerell)
[Homoptera: Pseudococcidae]
- 5148 *Heliococcus stachyos* (Ehrhorn)
[Homoptera: Pseudococcidae]
- 5149 *Phenacoccus colemani* Ehrhorn [Homoptera: Pseudococcidae]
- 5150 *Phenacoccus eschscholtziae* McKenzie [Homoptera: Pseudococcidae]
- 5151 *Rhizoecus gracilis* McKenzie [Homoptera: Pseudococcidae]
- 5152 *Aleuropteryx* spp. [Neuroptera: Coniopterygidae]
- 5153 *Hemerobius neadelphus* Gurney [Neuroptera: Hemerobiidae]
- 5154 *Kimminsia coloradensis* (Banks)
[Neuroptera: Hemerobiidae]
- 5155 *Chrysopa oculata* Say [Neuroptera: Chrysopidae]
- 5156 *Eremochrysa fraterna* Banks [Neuroptera: Chrysopidae]
- 5157 *Bembidion nebraskense* LeConte [Coleoptera: Carabidae]
- 5158 *Lebia guttula* LeConte [Coleoptera: Carabidae]
- 5159 *Carpelimus diffusus* (Casey)
[Coleoptera: Staphylinidae]
- 5160 *Pelecomalium puberulum* Fauvel
[Coleoptera: Staphylinidae]
- 5161 *Philonthus politus* Linnaeus
[Coleoptera: Staphylinidae]
- 5162 *Philonthus* spp. [Coleoptera: Staphylinidae]
- 5163 *Saprinus lubricus* LeConte
[Coleoptera: Histeridae]
- 5164 *Platycerus piceus marginalis* Casey
[Coleoptera: Lucanidae]
- 5165 *Dicerca frosti* Nelson [Coleoptera: Buprestidae]
- 5166 *Anthaxia helferi* Cobos [Coleoptera: Buprestidae]
- 5167 *Chrysobothris horningi* Barr
[Coleoptera: Buprestidae]
- 5168 *Chrysobothris idahoensis* Barr
[Coleoptera: Buprestidae]
- 5169 *Chrysobothris oregona* Chamberlin
[Coleoptera: Buprestidae]
- 5170 *Athous rufiventris* Eschscholtz
[Coleoptera: Elateridae]
- 5171 *Dalopius fuscatus* Brown [Coleoptera: Elateridae]
- 5172 *Podabrus falli* R. & G. Hopping
[Coleoptera: Cantharidae]
- 5173 *Podabrus pruinosus diversipes* Fall
[Coleoptera: Cantharidae]
- 5174 *Orphilus niger* Rossi [Coleoptera: Dermestidae]
- 5175 *Phyllobaenus scaber* (LeConte)
[Coleoptera: Cleridae]
- 5176 *Tanaops ignitus* [Coleoptera: Melyridae]
- 5177 *Attalus morulus smithi* Hopping
[Coleoptera: Melyridae]
- 5178 *Attalus oregonensis* Horn
[Coleoptera: Melyridae]
- 5179 *Eurelymis atra* (LeConte)
[Coleoptera: Melyridae]
- 5180 *Hoppingiana nitida* Hatch
[Coleoptera: Melyridae]
- 5181 *Cardiophorus tenebrosus* LeConte
[Coleoptera: Elateridae]
- 5182 *Mecomycer omalinus* Horn
[Coleoptera: Melyridae]
- 5183 *Amecocerus quadricollis* Hatch
[Coleoptera: Melyridae]
- 5184 *Amecocerus suckeri* Hatch
[Coleoptera: Melyridae]

- 5185 *Lytta vulnerata cooperi* LeConte
[Coleoptera: Meloidae]
- 5186 *Epicauta puncticollis* (Mannerheim)
[Coleoptera: Meloidae]
- 5187 *Linsleya sphaericollis* (Say)
[Coleoptera: Meloidae]
- 5188 *Nemognatha lutea dichroa* LeConte
[Coleoptera: Meloidae]
- 5189 *Nemognatha nigripennis* LeConte
[Coleoptera: Meloidae]
- 5190 *Mordella atrata* Melsheimer
[Coleoptera: Mordellidae]
- 5191 *Mordellistena sericans* Fall
[Coleoptera: Mordellidae]
- 5192 *Coniontellus subglaber* Casey
[Coleoptera: Tenebrionidae]
- 5193 *Pentaria trifasciata* Melsheimer
[Coleoptera: Melandryidae]
- 5194 *Anaspis rufa* Say [Coleoptera:
Melandryidae]
- 5195 *Notoxus serratus* LeConte
[Coleoptera: Pedilidae]
- 5196 *Brachypterus troglodytes* Murray
[Coleoptera: Nitidulidae]
- 5197 *Cucujus clavipes puniceus* Mannerheim
[Coleoptera: Cucujidae]
- 5198 *Brachyacantha ursina uteella* Casey
[Coleoptera: Coccinellidae]
- 5199 *Scymnus caurinus* Horn [Coleoptera:
Coccinellidae]
- 5200 *Scymnus lacustris* LeConte
[Coleoptera: Coccinellidae]
- 5201 *Coccinella prolongata* Casey
[Coleoptera: Coccinellidae]
- 5202 *Brumus septentrionis* Weise
[Coleoptera: Coccinellidae]
- 5203 *Phalacrus penicillatus* Say
[Coleoptera: Phalacridae]
- 5204 *Grammoptera* spp. [Coleoptera:
Cerambycidae]
- 5205 *Anoplodera serpentina* (Casey)
[Coleoptera: Cerambycidae]
- 5206 *Cortodera* spp. [Coleoptera:
Cerambycidae]
- 5207 *Stenocorus utenaus* Casey
[Coleoptera: Cerambycidae]
- 5208 *Brachyacantha dentipes* (Fabricius)
[Coleoptera: Coccinellidae]
- 5209 *Pachybrachis caelatus* LeConte
[Coleoptera: Chrysomelidae]
- 5210 *Pachybrachis mercurialis* Fall
[Coleoptera: Chrysomelidae]
- 5211 *Pachybrachis vacillatus* Fall
[Coleoptera: Chrysomelidae]
- 5212 *Cryptocephalus confluentus*
confluentus Say [Coleoptera:
Chrysomelidae]
- 5213 *Leptinotarsa decemlineata* (Say)
(Colorado potato beetle) [Coleoptera:
Chrysomelidae]
- 5214 *Galerucella luteola* Muller
[Coleoptera: Chrysomelidae]
- 5215 *Luperodes nigrovirescens* Fall
[Coleoptera: Chrysomelidae]
- 5216 *Altica prasina* LeConte [Coleoptera:
Chrysomelidae]
- 5217 *Glyptina atriventris* Horn
[Coleoptera: Chrysomelidae]
- 5218 *Dibolia borealis* Chevrolat
[Coleoptera: Chrysomelidae]
- 5219 *Acanthoscelides pauperculus* LeConte
[Coleoptera: Bruchidae]
- 5220 *Myrmex lineata lineata* (Pascoe)
[Coleoptera: Curculionidae]
- 5221 *Tachypterellus consors* Dietz
[Coleoptera: Curculionidae]
- 5222 *Tychius tectus* LeConte [Coleoptera:
Curculionidae]
- 5223 *Ochlodes sylvanoides sylvanoides*
(Boisduval) [Lepidoptera: Hesperidae]
- 5224 *Hesperia harpalus harpalus* (Edwards)
[Lepidoptera: Hesperidae]
- 5225 *Pholisora catallus* (Fabricius)
[Lepidoptera: Hesperidae]
- 5226 *Mitoura spinetorum* (Hewitson)
[Lepidoptera: Lycaenidae]
- 5227 *Strymon titus titus* (Fabricius)
[Lepidoptera: Lycaenidae]
- 5228 *Strymon californica* (Edwards)
[Lepidoptera: Lycaenidae]
- 5229 *Lycaena heteronea heteronea*
Boisduvall [Lepidoptera: Lycaenidae]
- 5230 *Philotes battoides* (Behr)
[Lepidoptera: Lycaenidae]
- 5231 *Macrosiagon dimidiatum* (Fabricius)
[Coleoptera: Mordellidae]

- 5232 *Monoxia debilis* LeConte [Coleoptera: Chrysomelidae]
- 5233 *Euphydryas anicia* (Doubleday) [Lepidoptera: Nymphalidae]
- 5234 *Speyeria marmonia eurynome* (Edwards) [Lepidoptera: Nymphalidae]
- 5235 *Speyeria zerene cynna* dos Passos & Grey [Lepidoptera: Nymphalidae]
- 5236 *Speyeria callippe nevadensis* (Edwards) [Lepidoptera: Nymphalidae]
- 5237 *Danaus plexippus* (Linnaeus) [Lepidoptera: Danaidae]
- 5238 *Cercyonis oetus oetus* (Boisduval) [Lepidoptera: Satyridae]
- 5239 *Pseudohazis eglanderina nuttalli* Strecker [Lepidoptera: Saturniidae]
- 5240 *Copablepharon canariana* McDunnough [Lepidoptera: Noctuidae]
- 5241 *Schinia albafascia* Smith [Lepidoptera: Noctuidae]
- 5242 *Gyros muii* (Henry Edwards) [Lepidoptera: Pyralidae]
- 5243 *Ethmia monticola* (Walsingham) [Lepidoptera: Ethmiidae]
- 5244 *Chrysopora* spp. [Lepidoptera: Gelechiidae]
- 5245 *Tipula pellucida* Doane [Diptera: Tipulidae]
- 5246 *Limonia candensis* (Westwood) [Diptera: Tipulidae]
- 5247 *Pericoma californica* Kincaid [Diptera: Psychodidae]
- 5248 *Thereva pseudoculata* Cole [Diptera: Therevidae]
- 5249 *Simulium vittatum* Zetterstedt [Diptera: Simuliidae]
- 5250 *Bibio albipennis albipennis* Say [Diptera: Bibionidae]
- 5251 *Bibio vestitus* Walker [Diptera: Bibionidae]
- 5252 *Anatella* spp. [Diptera: Mycetophilidae]
- 5253 *Thereva* spp. [Diptera: Therevidae]
- 5254 *Apachekolos confusio* Martin [Diptera: Leptogastridae]
- 5255 *Cophura brevicornis* (Williston) [Diptera: Asilidae]
- 5256 *Cyrtopogon willistoni* Curran [Diptera: Asilidae]
- 5257 *Dicolonus simplex* Loew [Diptera: Asilidae]
- 5258 *Stenopogon inquinatus* Loew [Diptera: Asilidae]
- 5259 *Stenopogon martini* Bromley [Diptera: Asilidae]
- 5260 *Laphria fernaldi* (Back) [Diptera: Asilidae]
- 5261 *Asilus auriannulatus* (Hine) [Diptera: Asilidae]
- 5262 *Machimus occidentalis* (Hine) [Diptera: Asilidae]
- 5263 *Mallophorina martinorum* Cole [Diptera: Asilidae]
- 5264 *Acrocera melanderi* Cole [Diptera: Acroceridae]
- 5265 *Bombylius facialis* Cresson [Diptera: Bombyliidae]
- 5266 *Anastoechus* spp. [Diptera: Bombyliidae]
- 5267 *Lordotus gibbus striatus* Painter [Diptera: Bombyliidae]
- 5268 *Thevenemyia muricata* (Osten Sacken) [Diptera: Bombyliidae]
- 5269 *Villa agrippina* (Osten Sacken) [Diptera: Bombyliidae]
- 5270 *Villa alternata alternata* (Say) [Diptera: Bombyliidae]
- 5271 *Villa lateralis lateralis* (Say) [Diptera: Bombyliidae]
- 5272 *Villa morio* (Linnaeus) [Diptera: Bombyliidae]
- 5273 *Villa nugator* (Coquillett) [Diptera: Bombyliidae]
- 5274 *Lepidanthrax* spp. [Diptera: Bombyliidae]
- 5275 *Chrysotus* spp. [Diptera: Dolichopodidae]
- 5276 *Dasysyrphus amalopis* (Osten Sacken) [Diptera: Syrphidae]
- 5277 *Sphaerophoria robusta* Curran [Diptera: Syrphidae]
- 5278 *Melanostoma* spp. [Diptera: Syrphidae]
- 5279 *Chrysotoxum integre* Williston [Diptera: Syrphidae]

- 5280 *Helophilus latifrons* Loew [Diptera: Syrphidae]
- 5281 *Aemosyrphus polygrammus* (Loew) [Diptera: Syrphidae]
- 5282 *Eristalis arbustorum* (Linnaeus) [Diptera: Syrphidae]
- 5283 *Physoconops fronto* (Williston) [Diptera: Conopidae]
- 5284 *Physocephala burgessi* (Williston) [Diptera: Conopidae]
- 5285 *Zodion americanus* Weidemann [Diptera: Conopidae]
- 5286 *Thecophora modesta* (Williston) [Diptera: Conopidae]
- 5287 *Psila dimidiata* Loew [Diptera: Psilidae]
- 5288 *Volucella bomylans rufomaculata* Jones [Diptera: Syrphidae]
- 5289 *Paracantha gentilis* Hering [Diptera: Tephritidae]
- 5290 *Sepsis biflexuosa* Strobl [Diptera: Sepsidae]
- 5291 *Pherbellia vitalis* (Cresson) [Diptera: Sciomyzidae]
- 5292 *Pallopthera jucunda* Loew [Diptera: Pallopteridae]
- 5293 *Leptocera limosa* (Fallen) [Diptera: Sphaeroceridae]
- 5294 *Hydrellia griseola* (Fallen) [Diptera: Ephydriidae]
- 5295 *Parydra nitida* Cresson [Diptera: Ephydriidae]
- 5296 *Ochthera mantis* (DeGeer) [Diptera: Ephydriidae]
- 5297 *Oscinella nitidissima* (Meigen) [Diptera: Chloropidae]
- 5298 *Goniopsita* spp. [Diptera: Chloropidae]
- 5299 *Meromyza pratorum* Meigen [Diptera: Chloropidae]
- 5300 *Meromyza saltatrix* (Linnaeus) [Diptera: Chloropidae]
- 5301 *Psuedoleria robusta* Garrett [Diptera: Heleomyzidae]
- 5302 *Hylemya variata* (Fallen) [Diptera: Anthomyiidae]
- 5303 *Hylemya brassicae* (Bouche) [Diptera: Anthomyiidae]
- 5304 *Mosillus bidentatus* (Cresson) [Diptera: Ephydriidae]
- 5305 *Hylemya ceralis* (Huckett) [Diptera: Anthomyiidae]
- 5306 *Hylemya femorata* Huckett [Diptera: Anthomyiidae]
- 5307 *Hylemya lamellicauda* Huckett [Diptera: Anthomyiidae]
- 5308 *Hylemya montana* Malloch [Diptera: Anthomyiidae]
- 5309 *Hylemya neomexicana* Malloch [Diptera: Anthomyiidae]
- 5310 *Hylemya setiventris setiventris* Stein [Diptera: Anthomyiidae]
- 5311 *Pegomya hyoscyami betae* (Curtis) [Diptera: Anthomyiidae]
- 5312 *Hydrophoria divisa* (Meigen) [Diptera: Anthomyiidae]
- 5313 *Hydrophoria wierzejskii* (Mik) [Diptera: Anthomyiidae]
- 5314 *Lispe patellata* Aldrich [Diptera: Muscidae]
- 5315 *Helina bohemani* (Ringdahl) [Diptera: Muscidae]
- 5316 *Quadrularia laetifica* (Robineau-Desvoidy) [Diptera: Muscidae]
- 5317 *Pogonomyia minor* Malloch [Diptera: Muscidae]
- 5318 *Lasiops septentrionalis* (Stein) [Diptera: Muscidae]
- 5319 *Muscina assimilis* (Fallen) [Diptera: Muscidae]
- 5320 *Muscina stabulans* (Fallen) [Diptera: Muscidae]
- 5321 *Graphomya maculata* (Scopoli) [Diptera: Muscidae]
- 5322 *Protophormia terraenovae* (Robineau-Desvoidy) [Diptera: Calliphoridae]
- 5323 *Protocalliphora* spp. [Diptera: Calliphoridae]
- 5324 *Helina duplicata* (Meigen) [Diptera: Muscidae]
- 5325 *Calliphora livida* Hall [Diptera: Calliphoridae]
- 5326 *Senotainia vigilans* Allen [Diptera: Sarcophagidae]
- 5327 *Wohlfahrtia vigil* (Walker) [Diptera: Sarcophagidae]

- 5328 *Blaesoxipha aculeata* (Aldrich)
[Diptera: Sarcophagidae]
- 5329 *Blaesoxipha atlanis* (Aldrich)
[Diptera: Sarcophagidae]
- 5330 *Blaesoxipha kellyi* (Aldrich)
[Diptera: Sarcophagidae]
- 5331 *Ravinia querula* (Walker) [Diptera:
Sarcophagidae]
- 5332 *Sarcophaga cooleyi* Parker [Diptera:
Sarcophagidae]
- 5333 *Gymnosoma filiola* Loew [Diptera:
Tachinidae]
- 5334 *Xanthomelanodes californicus*
Townsend [Diptera: Tachinidae]
- 5335 *Cylindromyia californica* (Bigot)
[Diptera: Tachinidae]
- 5336 *Cylindromyia decora* Aldrich
[Diptera: Tachinidae]
- 5337 *Cylindromyia fumipennis* (Bigot)
[Diptera: Tachinidae]
- 5338 *Steneniopsis rubidiapex* (Townsend)
[Diptera: Tachinidae]
- 5339 *Arctophyto gillettei* (Townsend)
[Diptera: Tachinidae]
- 5340 *Mochlosoma illocale* Reinhard
[Diptera: Tachinidae]
- 5341 *Nowickia latigena* (Tothill)
[Diptera: Tachinidae]
- 5342 *Nowickia piceifrons* (Townsend)
[Diptera: Tachinidae]
- 5343 *Nowickia nitida* (Wulp) [Diptera:
Tachinidae]
- 5344 *Peleteria bryanti* Curran [Diptera:
Tachinidae]
- 5345 *Peleteria malleola* (Bigot) [Diptera:
Tachinidae]
- 5346 *Deopalpus contiguus* (Reinhard)
[Diptera: Tachinidae]
- 5347 *Melanophrys flavipennis* Williston
[Diptera: Tachinidae]
- 5348 *Chaetophlepsis eudryae* (Smith)
[Diptera: Tachinidae]
- 5349 *Paradidyma singularis* (Townsend)
[Diptera: Tachinidae]
- 5350 *Blondelia polita* (Townsend)
[Diptera: Tachinidae]
- 5351 *Eribella polita* (Coquillett)
[Diptera: Tachinidae]
- 5352 *Clausicella setigera* (Coquillett)
[Diptera: Tachinidae]
- 5353 *Clastoneuriopsis deceptor* (Curran)
[Diptera: Tachinidae]
- 5354 *Onychogonia magna* Brooks [Diptera:
Tachinidae]
- 5355 *Spallanzania hebes* (Fallen)
[Diptera: Tachinidae]
- 5356 *Siphosturmia melitaeae* (Coquillett)
[Diptera: Tachinidae]
- 5357 *Frontiniella parancilla* Townsend
[Diptera: Tachinidae]
- 5358 *Aphilodyctium fidum* (Cresson)
[Hymenoptera: Tenthredinidae]
- 5359 *Tenthredo xantha* Norton
[Hymenoptera: Tenthredinidae]
- 5360 *Meteorus hyphantriae* Riley
[Hymenoptera: Braconidae]
- 5361 *Apanteles monticola* Ashmead
[Hymenoptera: Braconidae]
- 5362 *Microgaster comptanae* Viereck
[Hymenoptera: Braconidae]
- 5363 *Bracon tychii* (Muesebeck)
[Hymenoptera: Braconidae]
- 5364 *Noserus* spp. [Hymenoptera:
Braconidae]
- 5365 *Pimpla sanguinipes erythropus*
Viereck [Hymenoptera: Ichneumonidae]
- 5366 *Zatypota percontatoria* (Muller)
[Hymenoptera: Ichneumonidae]
- 5367 *Exenterus tsugae* Cushman
[Hymenoptera: Ichneumonidae]
- 5368 *Gelis* spp. [Hymenoptera:
Ichneumonidae]
- 5369 *Phygadeuon* spp. [Hymenoptera:
Ichneumonidae]
- 5370 *Cryptus genatus* (Pratt)
[Hymenoptera: Ichneumonidae]
- 5371 *Cryptus* spp. [Hymenoptera:
Ichneumonidae]
- 5372 *Mesostenus gracilis* Cresson
[Hymenoptera: Ichneumonidae]
- 5373 *Phaeogenes arogae* Gittins & Henry
[Hymenoptera: Ichneumonidae]
- 5374 *Centeterus* spp. [Hymenoptera:
Ichneumonidae]
- 5375 *Dicaelotus* spp. [Hymenoptera:
Ichneumonidae]

- 5376 *Anisobas coloradensis* (Cresson)
[Hymenoptera: Ichneumonidae]
- 5377 *Cratichneumon* spp. [Hymenoptera: Ichneumonidae]
- 5378 *Pseudamblyteles ormenus* (Cresson)
[Hymenoptera: Ichneumonidae]
- 5379 *Pseudamblyteles* spp. [Hymenoptera: Ichneumonidae]
- 5380 *Ichneumon* spp. [Hymenoptera: Ichneumonidae]
- 5381 *Catadelphops buccatus* (Cresson)
[Hymenoptera: Ichneumonidae]
- 5382 *Glypta* spp. [Hymenoptera: Ichneumonidae]
- 5383 *Exetastes rufipes* Cresson
[Hymenoptera: Ichneumonidae]
- 5384 *Exetastes* spp. [Hymenoptera: Ichneumonidae]
- 5385 *Homotropus nigritarsus fuscitarsus*
(Provancher) [Hymenoptera: Ichneumonidae]
- 5386 *Chorinaeus* spp. [Hymenoptera: Ichneumonidae]
- 5387 *Triclistus* spp. [Hymenoptera: Ichneumonidae]
- 5388 *Hypsicera* spp. [Hymenoptera: Ichneumonidae]
- 5389 *Cymodusopsis aristoteliae* Viereck
[Hymenoptera: Ichneumonidae]
- 5390 *Campoletis* spp. [Hymenoptera: Ichneumonidae]
- 5391 *Dimorpha prima* (Cushman)
[Hymenoptera: Ichneumonidae]
- 5392 *Barycnemis* spp. [Hymenoptera: Ichneumonidae]
- 5393 *Ophion* spp. [Hymenoptera: Ichneumonidae]
- 5394 *Genophion costalis* (Cresson)
[Hymenoptera: Ichneumonidae]
- 5395 *Trichionotus* spp. [Hymenoptera: Ichneumonidae]
- 5396 *Sympiesis stigmatipennis* Girault
[Hymenoptera: Eulophidae]
- 5397 *Monodontomerus montivagus* Ashmead
[Hymenoptera: Torymidae]
- 5398 *Pseudotorymus lazulellus* (Ashmead)
[Hymenoptera: Torymidae]
- 5399 *Asaphes* spp. [Hymenoptera: Pteromalidae]
- 5400 *Amblymerus bruchophagi* (Gahan)
[Hymenoptera: Pteromalidae]
- 5401 *Amblymerus verdifer* (Norton)
[Hymenoptera: Pteromalidae]
- 5402 *Caenacis* spp. [Hymenoptera: Pteromalidae]
- 5403 *Habrocytus coloradensis* (Ashmead)
[Hymenoptera: Pteromalidae]
- 5404 *Habrocytus medicaginis* Gahan
[Hymenoptera: Pteromalidae]
- 5405 *Habrocytus piercei* Crawford
[Hymenoptera: Pteromalidae]
- 5406 *Eurytoma juniperina* Marcovitch
[Hymenoptera: Eurytomidae]
- 5407 *Brachymeria compsiluræ* (Crawford)
[Hymenoptera: Chalcididae]
- 5408 *Leucospis affinis affinis* Say
[Hymenoptera: Leucospidae]
- 5409 *Gasteruption* spp. [Hymenoptera: Gasteruptionidae]
- 5410 *Belyta* spp. [Hymenoptera: Diapriidae]
- 5411 *Hedychrum nigropilosum* Mocsary
[Hymenoptera: Chrysididae]
- 5412 *Chrysura densa* (Cresson)
[Hymenoptera: Chrysididae]
- 5413 *Chrysis coerulans* Fabricius
[Hymenoptera: Chrysididae]
- 5414 *Chrysis coloradensis* R. Bohart
[Hymenoptera: Chrysididae]
- 5415 *Chrysis snowi* Viereck [Hymenoptera: Chrysididae]
- 5416 *Cleptes purpuratus* Cresson
[Hymenoptera: Chrysididae]
- 5417 *Perisierola cellularis* (Say)
[Hymenoptera: Bethyridae]
- 5418 *Sierolomorpha nigrescens* Evans
[Hymenoptera: Sierolomorphidae]
- 5419 *Odontophotopsis pudica* (Melandar)
[Hymenoptera: Mutillidae]
- 5420 *Leptothorax nevadensis eldoradensis*
Wheeler [Hymenoptera: Formicidae]
- 5421 *Leptothorax rugatulus rugatulus*
Emery [Hymenoptera: Formicidae]
- 5422 *Camponotus laevigatus* F. Smith
[Hymenoptera: Formicidae]
- 5423 *Formica integroides coloradensis*
Wheeler [Hymenoptera: Formicidae]

5424 *Formica neorufibarbis* *neorufibarbis*
Emery [Hymenoptera: Formicidae]

5425 *Formica whymperei alpina* Wheeler
[Hymenoptera: Formicidae]

5426 *Pseudomasaris zonalis* (Cresson)
[Hymenoptera: Vespidae]

5427 *Lasius niger* (Linnaeus)
[Hymenoptera: Formicidae]

5428 *Eumenes verticalis coloradensis*
Cresson [Hymenoptera: Eumenidae]

5429 *Euodynerus discogaster* (Bequaert)
[Hymenoptera: Eumenidae]

5430 *Euodynerus leucomelas* (Saussure)
[Hymenoptera: Eumenidae]

5431 *Euodynerus tempiferus eldoradensis*
(Rohwer) [Hymenoptera: Eumenidae]

5432 *Ancistrocerus antilope antilope*
(Panzer) [Hymenoptera: Eumenidae]

5433 *Ancistrocerus catskill*
albophaleratus (Saussure) [Hymenoptera:
Eumenidae]

5434 *Ancistrocerus catskill catskill*
(Saussure) [Hymenoptera: Eumenidae]

5435 *Ancistrocerus lineativentris*
lineativentris Cameron [Hymenoptera:
Eumenidae]

5436 *Parancistrocerus* spp.
[Hymenoptera: Eumenidae]

5437 *Maricopdynerus rudiceps* R. Bohart
[Hymenoptera: Eumenidae]

5438 *Chirodamus pyrrhomelas* (Walker)
[Hymenoptera: Pompilidae]

5439 *Tachypompilus unicolor unicolor*
(Banks) [Hymenoptera: Pompilidae]

5440 *Astata leuthstromi* Ashmead
[Hymenoptera: Sphecidae]

5441 *Dryudella aspersa* (Fox)
[Hymenoptera: Sphecidae]

5442 *Dryudella caerulea* (Cresson)
[Hymenoptera: Sphecidae]

5443 *Tachytes fulviventris fulviventris*
Cresson [Hymenoptera: Sphecidae]

5444 *Mimesa gregaria* (Fox) [Hymenoptera:
Sphecidae]

5445 *Prionyx atratus* (Lepelletier)
[Hymenoptera: Sphecidae]

5446 *Podalonia communis* (Cresson)
[Hymenoptera: Sphecidae]

5447 *Podalonia luctuosa* (Smith)
[Hymenoptera: Sphecidae]

5448 *Podalonia occidentalis* Murray
[Hymenoptera: Sphecidae]

5449 *Ammophila extremitata* Cresson
[Hymenoptera: Sphecidae]

5450 *Ammophila juncea* Cresson
[Hymenoptera: Sphecidae]

5451 *Ammophila stangei* Dahlbom
[Hymenoptera: Sphecidae]

5452 *Gorytes albosignatus* Fox
[Hymenoptera: Sphecidae]

5453 *Steniolia obliqua* (Cresson)
[Hymenoptera: Sphecidae]

5454 *Stictiella megacera* Parker
[Hymenoptera: Sphecidae]

5455 *Bembix spinolae* Lepelletier
[Hymenoptera: Sphecidae]

5456 *Philanthus anna* Dunning
[Hymenoptera: Sphecidae]

5457 *Philanthus politus pacificus* Cresson
[Hymenoptera: Sphecidae]

5458 *Aphilanthops subfrigidus* Dunning
[Hymenoptera: Sphecidae]

5459 *Cerceris californica californica*
Cresson [Hymenoptera: Sphecidae]

5460 *Eucerceris flavocincta* Cresson
[Hymenoptera: Sphecidae]

5461 *Crabro latipes* Smith [Hymenoptera:
Sphecidae]

5462 *Crossocerus* spp. [Hymenoptera:
Sphecidae]

5463 *Ectemnius dilectus dilectus*
(Cresson) [Hymenoptera: Sphecidae]

5464 *Oxybelus argenteopilosum* Cameron
[Hymenoptera: Sphecidae]

5465 *Oxybelus similis* Cresson
[Hymenoptera: Sphecidae]

5466 *Colletes consors pascoensis*
Cockerell [Hymenoptera: Colletidae]

5467 *Colletes fulgidus fulgidus* Swenk
[Hymenoptera: Colletidae]

5468 *Colletes kincaidii* Cockerell
[Hymenoptera: Colletidae]

5469 *Colletes lutzi interior* Timberlake
[Hymenoptera: Colletidae]

5470 *Hylaeus rudbeckiae* (Cockerell &
Casad) [Hymenoptera: Colletidae]

- 5471 *Hylaeus wootoni* (Cockerell)
[Hymenoptera: Colletidae]
- 5472 *Hylaeus lunicraterius* Snelling
[Hymenoptera: Colletidae]
- 5473 *Hylaeus rugulosus episcopalis*
(Cockerell) [Hymenoptera: Colletidae]
- 5474 *Andrena colletina* Cockerell
[Hymenoptera: Andrenidae]
- 5475 *Andrena surda* Cockerell
[Hymenoptera: Andrenidae]
- 5476 *Philanthus politus* [Hymenoptera:
Sphecidae]
- 5477 *Andrena transnigra transnigra*
Viereck [Hymenoptera: Andrenidae]
- 5478 *Andrena chapmanae* Viereck
[Hymenoptera: Andrenidae]
- 5479 *Andrena cressoni* Robertson
[Hymenoptera: Andrenidae]
- 5480 *Andrena knuthiana* Cockerell
[Hymenoptera: Andrenidae]
- 5481 *Andrena w-scripta* Viereck
[Hymenoptera: Andrenidae]
- 5482 *Perdita aemula* Timberlake
[Hymenoptera: Andrenidae]
- 5483 *Lasioglossum trizonatum* (Cresson)
[Hymenoptera: Halictidae]
- 5484 *Lasioglossum cooleyi* (Crawford)
[Hymenoptera: Halictidae]
- 5485 *Lasioglossum ruficorne* (Crawford)
[Hymenoptera: Halictidae]
- 5486 *Dialictus actinosus* (Sandhouse)
[Hymenoptera: Halictidae]
- 5487 *Dialictus albohirtus* (Crawford)
[Hymenoptera: Halictidae]
- 5488 *Dialictus pruinosus* (Robertson)
[Hymenoptera: Halictidae]
- 5489 *Dialictus ruidosenis* (Cockerell)
[Hymenoptera: Halictidae]
- 5490 *Agapostemon texanus texanus* Cresson
[Hymenoptera: Halictidae]
- 5491 *Anthidium emarginatum* (Say)
[Hymenoptera: Megachilidae]
- 5492 *Anthidium tenuiflorae tenuiflorae*
Cockerell [Hymenoptera: Megachilidae]
- 5493 *Perdita wyomingensis segona*
Timberlake [Hymenoptera: Andrenidae]
- 5494 *Callanthidium formosum* (Cresson)
[Hymenoptera: Megachilidae]
- 5495 *Dianthidium subparvum subparvum*
Swenk [Hymenoptera: Megachilidae]
- 5496 *Dianthidium ulkei perterritum*
Cockerell [Hymenoptera: Megachilidae]
- 5497 *Dianthidium ulkei ulkei* (Cresson)
[Hymenoptera: Megachilidae]
- 5498 *Anthidiellum notatum robertsoni*
(Cockerell) [Hymenoptera: Megachilidae]
- 5499 *Stelis montana* Cresson [Hymenoptera:
Megachilidae]
- 5500 *Stelis subemarginata* (Cresson)
[Hymenoptera: Megachilidae]
- 5501 *Chelostoma phaceliae* Michener
[Hymenoptera: Megachilidae]
- 5502 *Ashmeadiella buconis denticultata*
(Cresson) [Hymenoptera: Megachilidae]
- 5503 *Ashmeadiella californica californica*
(Ashmead) [Hymenoptera: Megachilidae]
- 5504 *Hoplitis albifrons argentifrons*
(Cresson) [Hymenoptera: Megachilidae]
- 5505 *Hoplitis louisae* (Cockerell)
[Hymenoptera: Megachilidae]
- 5506 *Osmia marginipennis* Cresson
[Hymenoptera: Megachilidae]
- 5507 *Osmia montana montana* Cresson
[Hymenoptera: Megachilidae]
- 5508 *Osmia indepressa* (Sandhouse)
[Hymenoptera: Megachilidae]
- 5509 *Osmia brevis brevis* Cresson
[Hymenoptera: Megachilidae]
- 5510 *Megachile manifesta* Cresson
[Hymenoptera: Megachilidae]
- 5511 *Megachile nevadensis* Cresson
[Hymenoptera: Megachilidae]
- 5512 *Megachile parallela parallela* Smith
[Hymenoptera: Megachilidae]
- 5513 *Megachile perihirta* Cockerell
[Hymenoptera: Megachilidae]
- 5514 *Megachile mellitarsis* Cresson
[Hymenoptera: Megachilidae]
- 5515 *Megachile pugnata pugnata* Say
[Hymenoptera: Megachilidae]
- 5516 *Nomada* spp. [Hymenoptera:
Anthophoridae]
- 5517 *Epeolus compactus* Cresson
[Hymenoptera: Anthophoridae]
- 5518 *Diadasia australis australis*
(Cresson) [Hymenoptera: Anthophoridae]

- 5519 *Anthophora ursina simillima* Cresson
[Hymenoptera: Anthophoridae]
- 5520 *Anthophora flexipes* Cresson
[Hymenoptera: Anthophoridae]
- 5521 *Ceratina nanula nanula* Cockerell
[Hymenoptera: Anthophoridae]
- 5522 *Bombus nevadensis nevadensis* Cresson
[Hymenoptera: Apidae]
- 5523 *Bombus appositus* Cresson
[Hymenoptera: Apidae]
- 5524 *Bombus occidentalis occidentalis*
Greene [Hymenoptera: Apidae]
- 5525 *Bombus centralis* Cresson
[Hymenoptera: Apidae]
- 5526 *Bombus huntii* Greene [Hymenoptera:
Apidae]
- 5527 *Anthidium placitum placitum* Cresson
[Hymenoptera: Megachilidae]
- 5528 *Ancistrocerus catskill halophilus*
Viereck [Hymenoptera: Eumenidae]
- 5529 *Ancistrocerus spilogaster* Cameron
[Hymenoptera: Eumenidae]
- 5530 *Ancistrocerus tigris cytainus*
(Cameron) [Hymenoptera: Eumenidae]
- 5531 *Euodynerus foraminatus scutellaris*
(Saussure) [Hymenoptera: Eumenidae]
- 5532 *Leptochilus rufoinodus* (Cresson)
[Hymenoptera: Eumenidae]
- 5533 *Parancistrocerus acarigaster* Bohart
[Hymenoptera: Eumenidae]
- 5534 *Parancistrocerus acarophorus* Bohart
[Hymenoptera: Eumenidae]
- 5535 *Parancistrocerus toltecus* (Saussure)
[Hymenoptera: Eumenidae]
- 5536 *Stenodynerus conoides* Bohart
[Hymenoptera: Eumenidae]
- 5537 *Symmorhpus meridionalis* Viereck
[Hymenoptera: Eumenidae]
- 5538 *Symmorhpus cristatus nevadensis*
(Cameron) [Hymenoptera: Eumenidae]
- 5539 *Symmorhpus projectus* Bohart
[Hymenoptera: Eumenidae]
- 5540 *Auplopus nigrellus* (Banks)
[Hymenoptera: Pompilidae]
- 5541 *Dipogon calipterus nubifer* (Cresson)
[Hymenoptera: Pompilidae]
- 5542 *Stenodynerus blandus* (Saussure)
[Hymenoptera: Eumenidae]
- 5543 *Ancistrocerus antilope* (Panzer)
[Hymenoptera: Eumenidae]
- 5544 *Ancistrocerus lineativentris* Cameron
[Hymenoptera: Eumenidae]
- 5545 *Crossocerus fergusonii* Pate
[Hymenoptera: Sphecidae]
- 5546 *Psenulus alienus* (Krombein)
[Hymenoptera: Sphecidae]
- 5547 *Crossocerus isolens* (Fox)
[Hymenoptera: Sphecidae]
- 5548 *Euplilis arapaho* Pate [Hymenoptera:
Sphecidae]
- 5549 *Pemphredon errans* Rohwer
[Hymenoptera: Sphecidae]
- 5550 *Pemphredon giffardi* (Rohwer)
[Hymenoptera: Sphecidae]
- 5551 *Pisonopsis birkmanni* Rohwer
[Hymenoptera: Sphecidae]
- 5552 *Solierella blaisdelli* (Bridwell)
[Hymenoptera: Sphecidae]
- 5553 *Solierella similis* (Bridwell)
[Hymenoptera: Sphecidae]
- 5554 *Stigmus inordinatus* Fox
[Hymenoptera: Sphecidae]
- 5555 *Tracheliodes foveolineatus* (Viereck)
[Hymenoptera: Sphecidae]
- 5556 *Trypoxylon tridentatum* Packard
[Hymenoptera: Sphecidae]
- 5557 *Trypoxylon bidentatum* Fox
[Hymenoptera: Sphecidae]
- 5558 *Trypoxylon sculleni* Sandhouse
[Hymenoptera: Sphecidae]
- 5559 *Hylaeus verticalis* (Cresson)
[Hymenoptera: Colletidae]
- 5560 *Anthidium maculosum* Cresson
[Hymenoptera: Megachilidae]
- 5561 *Ashmeadiella aridula* Cockerell
[Hymenoptera: Megachilidae]
- 5562 *Ashmeadiella inyoensis* Michener
[Hymenoptera: Megachilidae]
- 5563 *Ashmeadiella timberlakei* Michener
[Hymenoptera: Megachilidae]
- 5564 *Hoplitis colei* (Crawford)
[Hymenoptera: Megachilidae]
- 5565 *Hoplitis fulgida platyura*
(Cockerell) [Hymenoptera: Megachilidae]
- 5566 *Hoplitis hypocrita* (Cockerell)
[Hymenoptera: Megachilidae]

- 5567 *Hoplitis producta gracilis* (Michener) [Hymenoptera: Megachilidae]
Overwintering Stage: Adults Oviposition Medium: Stems, petioles
- 5568 *Hoplitis sambuci* Titus [Hymenoptera: Megachilidae]
5586 *Rhizaecus terrestris* (Newstead) (Ground mealybug) [Homoptera: Eriococcidae]
- 5569 *Megachile brevis* Say [Hymenoptera: Megachilidae]
5587 *Aeolothrips kuwanai* Moulton (Kuwana's thrips) [Thysanoptera: Aeolothripidae]
- 5570 *Megachile concinna* Smith [Hymenoptera: Megachilidae]
5588 *Eriococcus adenostomae* Ehrhorn [Homoptera: Eriococcidae]
- 5571 *Megachile gemula* Cresson [Hymenoptera: Megachilidae]
5589 *Pseudococcus crawi* (Coquillett) (White sage mealybug) [Homoptera: Pseudococcidae] Immature/Adult Guild: Sap feeder: leaves, stems/Sap feeder: leaves, stems
- 5572 *Megachile montivaga* Cresson [Hymenoptera: Megachilidae]
5590 *Lecaniodiaspis rufescens* (Cockerell) (Chamise scale) [Homoptera: Asterolecaniidae]
- 5573 *Megachile rotundata* (Fabricius) [Hymenoptera: Megachilidae]
5591 *Hoplia callipyge* LeConte (Grapevine hoplia) [Coleoptera: Scarabaeidae] Immature/Adult Guild: ?/Bud, flower feeder
- 5574 *Osmia kincaidii* Cockerell [Hymenoptera: Megachilidae]
5592 *Haltica foliacea* LeConte (Apple flea beetle) [Coleoptera: Chrysomelidae]
- 5575 *Proteriades bullifacies* (Michener) [Hymenoptera: Megachilidae]
5593 *Amitermes arizonensis* Banks (Arizona termite) [Isoptera: Termitidae] Immature/Adult Guild: Termite/Termite
- 5576 *Proteriades mojavnensis* (Michener) [Hymenoptera: Megachilidae]
5594 *Parthenothrips dracaenae* (Heeger) (Dracaena thrips) [Thysanoptera: Thripidae]
- 5577 *Aspidiotus camelliae* Signoret (Greedy scale) [Homoptera: Diaspididae]
5595 *Scyphophorus yuccae* Horn (Yucca weevil) [Coleoptera: Curculionidae] Immature/Adult Guild: Stem borer/Sap feeder
- 5578 *Chrysomphalus aurantii* (Maskell) (Red scale) [Homoptera: Diaspididae]
5596 *Zerene eurydice* Boisduvall (California dog-face, flying pansy) [Lepidoptera: Pieridae]
- 5579 *Tetraleurodes acaciae* (Quaintance) (Acacia whitefly) [Homoptera: Aleyrodidae]
5597 *Aeolothrips longiceps* Crawford (Artemisia thrips) [Thysanoptera: Aeolothripidae]
- 5580 *Scobicia suturalis* (Horn) [Coleoptera: Bostrichidae] Immature/Adult Guild: Wood borer/?
5598 *Aphalara calthae* Linnaeus (Knotweed psyllid) [Homoptera: Psyllidae]
- 5581 *Polycaon confertus* LeConte (Branch and twig borer) [Coleoptera: Bostrichidae] Immature/Adult Guild: Wood borer/Wood borer
5599 *Chaitophorus artemisiae* Gillette [Homoptera: Aphididae]
- 5582 *Pantomorus godmani* (Crotch) (Fuller's rose weevil) [Coleoptera: Curculionidae] Immature/Adult Guild: Root feeder/? Oviposition Medium: Bark crevices
5600 *Macrosiphum artemisiae* (Fonsc.) (Artemisia aphid) [Homoptera: Aphididae]
- 5583 *Sabulodes caberata* Guenee (Omnivorous looper) [Lepidoptera: Geometridae] Overwintering Stage: Adults, eggs, larvae Oviposition Medium: Leaf surfaces Generations Per Year: Several
5601 *Phenacoccus artemisiae* Ehrhorn [Homoptera: Pseudococcidae]
- 5584 *Tortrix citrana* Fernald (Orange tortrix) [Lepidoptera: Tortricidae] Immature/Adult Guild: Fruit, leaf feeder/? Oviposition Medium: Leaf surfaces
5602 *Chrysomphalus rossi* (Maskell) (Black aurucaria scale) [Homoptera: Diaspididae]
- 5585 *Taeniothrips inconsequens* (Uzel) (Pear thrips) [Thysanoptera: Thripidae] Immature/Adult Guild: Bud, flower, leaf feeder/Bud, flower, leaf feeder
5603 *Cryptocephalus castaneus* LeConte (Castaneous beetle) [Coleoptera: Chrysomelidae] Immature/Adult Guild: ?/Leaf feeder

- 5604 *Colaspidea smaragdula* (LeConte)
[Coleoptera: Chrysomelidae]
- 5605 *Eupagoderes geminatus* Horn (White bud weevil) [Coleoptera: Curculionidae]
- 5606 *Eriococcus tinsleyi* Cockerell
[Homoptera: Eriococcidae] Immature/Adult Guild: Root feeder/Root feeder
- 5607 *Lepidosaphes concolor* Cockerell
[Homoptera: Diaspididae]
- 5608 *Monoxia puncticollis* (Say)
[Coleoptera: Chrysomelidae]
- 5609 *Oidematomorphus monodactylus* (Linnaeus) (Morning glory plume moth)
[Lepidoptera: Pterophoridae]
- 5610 *Platypedia minor* Uhler (Minor cicada) [Homoptera: Cicadidae]
- 5611 *Anuraphis helichrysi* Kaltenbach (Leaf curl plum aphid) [Homoptera: Aphididae]
- 5612 *Macrosiphum rudbeckiae* Fitch (Cone flower aphid) [Homoptera: Aphididae]
- 5613 *Lygus praetensis* (Linnaeus) (Tarnished plant bug) [Hemiptera: Miridae]
- 5614 *Bemisia berbericola* (Cockerell) (Barberry whitefly) [Homoptera: Aleyrodidae]
- 5615 *Tetraleurodes usorum* (Cockerell) (Bearberry whitefly) [Homoptera: Aleyrodidae]
- 5616 *Pterophorus tenuidactylus* (Fitch) (Berry plume moth) [Lepidoptera: Pterophoridae] Immature/Adult Guild: Bud, leaf feeder/?
- 5617 *Agromyza pruinosa* Coquillett [Diptera: Agromyzidae] Immature/Adult Guild: Cambium miner/?
- 5618 *Aphis gossypii* Glover (Cotton or melon aphid) [Homoptera: Aphididae]
- 5619 *Tortrix franciscana* (Walsingham) (Apple skin worm) [Lepidoptera: Tortricidae]
- 5620 *Cossonus hubbardi* Schwartz [Coleoptera: Curculionidae] Immature/Adult Guild: Stem borer: dead stems/?
- 5621 *Kaloterme hubbardi* Caudell (Hubbard's termite) [Isoptera: Kalotermitidae]
- 5622 *Spongovostox apicedentata* Caudell [Dermaptera: Labiidae]
- 5623 *Ankothrips robustus* Crawford (Robust thrips) [Thysanoptera: Aeolothripidae]
- 5624 *Myzus circumflexus* (Buckton) (Lily aphid) [Homoptera: Aphididae] Immature/Adult Guild: Sap feeder: buds, leaves, shoots/Sap feeder: buds, leaves, shoots
- 5625 *Tetraleurodes dorseyi* (Kirkaldy) (Laurel whitefly) [Homoptera: Aleyrodidae]
- 5626 *Tetraleurodes nigrans* (Bemis) (Black aleyrodid) [Homoptera: Aleyrodidae]
- 5627 *Hedrobia granosa* LeConte (Oak limb beetle) [Coleoptera: Anobiidae] Immature/Adult Guild: Wood borer: dead wood/?
- 5628 *Platycerus oregonensis* Westwood (Oregon stag beetle) [Coleoptera: Lucanidae] Immature/Adult Guild: Wood borer: dead wood/?
- 5629 *Xestoleptura crassipes* (LeConte) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer/?
- 5630 *Coccus hesperidum* Linnaeus (Soft brown scale) [Homoptera: Coccidae] Generations Per Year: Several
- 5631 *Orothrips kelloggi* Moulton (Kellogg's thrips) [Thysanoptera: Aeolothripidae]
- 5632 *Clastoptera obtusa* (Say) (Ceanothus spittlebug) [Homoptera: Cercopidae]
- 5633 *Paratrioza maculipennis* (Crawford) (Spotted-winged psyllid) [Homoptera: Psyllidae]
- 5634 *Arytaina ceanothi* Crawford (Ceanothus psyllid) [Homoptera: Psyllidae]
- 5635 *Lepidosaphes ceanothi* Ferris [Homoptera: Diaspididae]
- 5636 *Chionaspis lintneri* Comstock (Lintner's scale) [Homoptera: Diaspididae]
- 5637 *Anthrenus scrophulariae* (Linnaeus) (Buffalo carpet beetle) [Coleoptera: Dermestidae]
- 5638 *Pachybrachys lustrans* LeConte [Coleoptera: Chrysomelidae]
- 5639 *Adaleres ovipennis* Casey (Adaleres) [Coleoptera: Curculionidae]
- 5640 *Samia gloveri* Strecker (Glover's silk moth) [Lepidoptera: Saturniidae]

- 5641 *Aegeria mellinipennis* (Boisduvall)
(Western sycamore borer) [Lepidoptera:
Sesiidae] Immature/Adult Guild: Wood
borer: live wood/?
- 5642 *Nepticula punctulata* Braun
[Lepidoptera: Nepticulidae]
Immature/Adult Guild: Leaf miner/?
- 5643 *Pachypsylla celtidismamma* Riley
(Hackberry gall psyllid) [Homoptera:
Psyllidae] Immature/Adult Guild: Gall
former: leaves/?
- 5644 *Pulvinaria vitis* Linnaeus (Cottony
maple or vine scale) [Homoptera:
Coccidae]
- 5645 *Pseudohazis eglanterina* (Boisduvall)
(Brown day moth) [Lepidoptera:
Saturniidae] Overwintering Stage:
Larvae, pupae Oviposition Medium: Twig
surfaces
- 5646 *Anthaxia deleta* LeConte [Coleoptera:
Buprestidae]
- 5647 *Lyonetia speculella* Clemens
[Lepidoptera: Lyonetiidae]
Immature/Adult Guild: Leaf feeder/?
- 5648 *Aspidiotus ancylus* (Putnam)
(Putnam's scale) [Homoptera: Diaspididae]
- 5649 *Aspidiotus forbesi* Johnson (Cherry
scale) [Homoptera: Diaspididae]
- 5650 *Papilio daunus* Boisduvall (Daunus)
[Lepidoptera: Papilionidae]
Immature/Adult Guild: Leaf feeder/?
- 5651 *Aegeria opalescens* Henry Edwards
(Pacific peach tree borer) [Lepidoptera:
Sesiidae] Immature/Adult Guild: Wood
borer/? Oviposition Medium: Bark
crevices, surfaces
- 5652 *Scolytus rugulosus* Ratzeburg (Shot
hole borer, fruit tree bark beetle)
[Coleoptera: Scolytidae]
- 5653 *Sciara pauciesta* Felt [Diptera:
Sciaridae]
- 5654 *Pteronidea thoracica* (Harrington)
[Hymenoptera: Tenthredinidae]
Immature/Adult Guild: Epidermal feeder/?
- 5655 *Taeniopteryx pacifica* Banks
(Salmonfly) [Plecoptera: Nemouridae]
Immature/Adult Guild: ?/Flower, fruit
feeder
- 5656 *Lyctus linearis* (Goeze) (European
lyctus) [Coleoptera: Lyctidae]
Immature/Adult Guild: Wood borer: dead
wood/?
- 5657 *Dasyneura pergandei* Felt [Diptera:
Cecidomyiidae] Immature/Adult Guild:
Gall former: fruit/?
- 5658 *Sphinx drupiferarum* A. & S. (Wild
cherry or plum sphinx) [Lepidoptera:
Sphingidae]
- 5659 *Sphinx sequoia* Boisduvall (Sequoia
sphinx) [Lepidoptera: Sphingidae]
Oviposition Medium: Leaf undersides
- 5660 *Smerinthus jamaicensis* Drury (Twin-
spot sphinx) [Lepidoptera: Sphingidae]
- 5661 *Halisidota maculata alni* Henry
Edwards (Woolly bear) [Lepidoptera:
Arctiidae]
- 5662 *Phyllonorycter crataegella* (Clemens)
(Apple leaf blotch miner) [Lepidoptera:
Gracilariidae]
- 5663 *Hoplocampa cookei* (Clarke) (Cherry
fruit sawfly) [Hymenoptera:
Tenthredinidae]
- 5664 *Pseudococcus cockerelli* King
[Homoptera: Pseudococcidae]
- 5665 *Coccothorus scutellaris* LeConte
(Plum gouger) [Coleoptera: Curculionidae]
- 5666 *Laspeyresia prunivora* Walsingham
(Lesser apple worm) [Lepidoptera:
Olethreutidae]
- 5667 *Tachardia fulgens* Cockerell
[Homoptera: Lacciferidae]
- 5668 *Bemisia inconspicua* (Quaintance)
(Inconspicuous whitefly) [Homoptera:
Aleyrodidae]
- 5669 *Trialeurodes glacialis* (Bemis)
(Glacial whitefly) [Homoptera:
Aleyrodidae]
- 5670 *Trialeurodes tentaculatus* (Bemis)
(Tentacular whitefly) [Homoptera:
Aleyrodidae]
- 5671 *Ficana apicalis* (Dallas) (Clematis
bug) [Hemiptera: Coreidae]
- 5672 *Tachardiella larrae* (Comstock)
(Creosote bush lac scale) [Homoptera:
Lacciferidae]
- 5673 *Gypona octolineata* (Say) (Eight-
lined leafhopper) [Homoptera:
Cicadellidae]
- 5674 *Empoa rosae* Linnaeus (Rose
leafhopper) [Homoptera: Cicadellidae]
- 5675 *Archips rosaceana* (Harris)
(Oblique-banded leafroller) [Lepidoptera:
Tortricidae] Immature/Adult Guild:
Defoliator, leafroller/? Overwintering
Stage: Eggs Oviposition Medium: Branch
surfaces Generations Per Year: 1
- 5676 *Myzus braggi* Gillette (Artichoke
aphid) [Homoptera: Aphididae]

- 5677 *Cicadella circellata* (Baker) (Blue sharpshooter) [Homoptera: Cicadellidae]
- 5678 *Anuraphis sambucifoliae* (Fitch) (Elder aphid) [Homoptera: Aphididae]
- 5679 *Illinoia stanleyi* (Wilson) (Elderberry aphid) [Homoptera: Aphididae]
- 5680 *Epitrix cucumeris* Harris (Potato flea beetle) [Coleoptera: Chrysomelidae]
Immature/Adult Guild: Root feeder/Leaf feeder Generations Per Year: 1-2
- 5681 *Luceria tranquilla* (Grote) [Lepidoptera: Noctuidae]
- 5682 *Aeolothrips annectans* Hood (Annectant thrips) [Thysanoptera: Aeolothripidae] Immature/Adult Guild: Predator/Predator
- 5683 *Agallia oculata* Van Duzee [Homoptera: Cicadellidae]
- 5684 *Desmocerus auripennis* Chev. (Golden-winged elder borer) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: live wood/? Generations Per Year: 1/2
- 5685 *Timema californica* Scudder (California timema) [Orthoptera: Timemidae]
- 5686 *Xylocrius agassizi* (LeConte) (Black gooseberry borer) [Coleoptera: Cerambycidae] Immature/Adult Guild: Root, stem borer/?
- 5687 *Zelleria gracilariella* Busck [Lepidoptera: Yponomeutidae]
- 5688 *Amphorophora lactucae* (Kaltenbach) [Homoptera: Aphididae]
- 5689 *Trialeurodes diasemus* (Bemis) (Snowberry whitefly) [Homoptera: Aleyrodidae]
- 5690 *Orthezia nigrocincta* Cockerell [Homoptera: Ortheziidae]
- 5691 *Anaphothrips arizonensis* (Morgan) (Arizona cotton thrips) [Thysanoptera: Thripidae]
- 5692 *Phymatodes fasciapilosus* Van Dyke [Coleoptera: Cerambycidae]
Immature/Adult Guild: Stem borer/?
- 5693 *Pholus achemon* (Drury) (Achemon sphinx) [Lepidoptera: Sphingidae]
Overwintering Stage: Pupae in soil
Oviposition Medium: Leaf uppersides
- 5694 *Alpyia octomaculata* (Fabricius) (Eight-spotted forester) [Lepidoptera: Agaristidae]
- 5695 *Harrisiana brillians* B. & McD. (Western grape skeletonizer)
- [Lepidoptera: Pyromorphidae]
Immature/Adult Guild: Skeletonizer/?
- 5696 *Harrisiana coracina* Clemens (Western grape skeletonizer) [Lepidoptera: Pyromorphidae]
Immature/Adult Guild: Skeletonizer/?
- 5697 *Harrisiana metallica* Stretch (Western grape skeletonizer) [Lepidoptera: Pyromorphidae]
Immature/Adult Guild: Skeletonizer/?
- 5698 *Desmia funeralis* Hubner (Grape leaf folder) [Lepidoptera: Pyralidae]
Overwintering Stage: Pupae Oviposition Medium: Leaf undersides Generations Per Year: 2
- 5699 *Pterophorus delawaricus* (Zeller) (Wild grape plume moth) [Lepidoptera: Pterophoridae]
- 5700 *Coptodisca arbutiella* Busck (Madrona shield bearer) [Lepidoptera: Heliozelidae]
- 5701 *Spermophagus vitis* Schaeffer (Wild grape seed weevil) [Coleoptera: Bruchidae] Immature/Adult Guild: Internal seed feeder/?
- 5702 *Anuraphis bakeri* (Cowen) (Clover aphid) [Homoptera: Aphididae]
- 5703 *Anuraphis crataegifoliae* (Fitch) (Hawthorn aphid) [Homoptera: Aphididae]
- 5704 *Eriosoma lanigera* (Hausmann) (Woolly apple aphid) [Homoptera: Aphididae]
- 5705 *Lecanium pruinosum* Coquillett (Frosted scale) [Homoptera: Coccidae]
- 5706 *Saperda candida* Fabricius (Round-headed apple tree borer) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: live wood/? Oviposition Medium: Bark incisions Generations Per Year: 1/3
- 5707 *Anisandrus dispar* (Fabricius) (European shot hole borer) [Coleoptera: Scolytidae] Immature/Adult Guild: Ambrosia beetle/Ambrosia beetle
- 5708 *Strymon melinus* (Hubner) (Bean lycaenid) [Lepidoptera: Lycaenidae]
Immature/Adult Guild: Fruit, leaf feeder/?
- 5709 *Spilonota ocellana* (Denis & Schiffermuller) (Bud moth) [Lepidoptera: Olethreutidae] Immature/Adult Guild: Bud, leaf feeder/? Overwintering Stage: Larvae Oviposition Medium: Leaf undersides
- 5710 *Carpocapsa pomonella* (Linnaeus) (Codling moth) [Lepidoptera: Olethreutidae] Immature/Adult Guild: Fruit, leaf feeder/? Overwintering Stage: Larvae in bark crevices Oviposition

Medium: Leaf, fruit, twig surfaces
Generations Per Year: 2-4

5711 *Pseudococcus longispinus* (Targioni)
(Long-tailed mealybug) [Homoptera:
Pseudococcidae]

5712 *Polyhymno acaciella* Busck (Huisache
moth) [Lepidoptera: Gelechiidae]
Immature/Adult Guild: Leaf feeder/?

5713 *Orothrips kelloggi yosemiti* Moulton
(Kellogg's thrips) [Thysanoptera:
Aeolothripidae]

5714 *Taeniopteryx nigripennis* Banks
(Balck-winged stonefly) [Plecoptera:
Nemouridae]

5715 *Taeniopteryx banksi* Needham &
Claassen [Plecoptera: Nemouridae]

5716 *Illinoia macrosiphum* Wilson
[Homoptera: Aphididae]

5717 *Myzus ribifolii* Davidson [Homoptera:
Aphididae]

5718 *Myzus houghtonensis* (Troop)
[Homoptera: Aphididae]

5719 *Trialeurodes corollis* (Penny)
[Homoptera: Aleyrodidae]

5720 *Euphyllura arctostaphyli* Schwartz
(Manzanita psyllid) [Homoptera:
Psyllidae]

5721 *Amphorophora nervatum* (Gillette)
(Wild rose aphid) [Homoptera: Aphididae]

5722 *Aleuroplatus coronatus* (Quaintance)
(Crown whitefly) [Homoptera: Aleyrodidae]

5723 *Aleuroparadoxus iridescens* (Bemis)
(Iridescent whitefly) [Homoptera:
Aleyrodidae]

5724 *Trialeurodes merlini* (Bemis)
(Cottony manzanita whitefly) [Homoptera:
Aleyrodidae]

5725 *Tetraleurodes splendens* (Bemis)
(Splendid whitefly) [Homoptera:
Aleyrodidae]

5726 *Trialeurodes hutchingsi* (Bemis)
(Hutchings's whitefly) [Homoptera:
Aleyrodidae]

5727 *Hylemya antiqua* Meigen [Diptera:
Anthomyiidae]

5728 *Scatophaga stercorarium* (Linnaeus)
[Diptera: Anthomyiidae]

5729 *Callithea* spp. [Diptera:
Anthomyiidae]

5730 *Calliphora* spp. [Diptera:
Calliphoridae]

5731 *Calliphora vicina* [Diptera:
Calliphoridae]

5732 *Coenosia* spp. [Diptera: Muscidae]

5733 *Ravinia planifera* (Aldrich)
[Diptera: Sarcophagidae]

5734 *Steveniopsis* spp. [Diptera:
Tachinidae]

5735 *Archytas* spp. [Diptera:
Tachinidae]

5736 *Ceracia* spp. [Diptera: Tachinidae]

5737 *Hyalomyodes* spp. [Diptera:
Tachinidae]

5738 *Hyalomyia triangulifer* (Lw.)
[Diptera: Tachinidae]

5739 *Senotainia* spp. [Diptera:
Sarcophagidae]

5740 *Elphia* spp. [Diptera: Tachinidae]

5741 *Guerinia dydas* Walker [Diptera:
Tachinidae]

5742 *Micromintha* spp. [Diptera:
Tachinidae]

5743 *Erynnia tortricis* (Coquillett)
[Diptera: Tachinidae]

5744 *Oxynops* spp. [Diptera: Tachinidae]

5745 *Neoclytus conjunctus* (LeConte)
[Coleoptera: Cerambycidae]

5746 *Samia euryalus* (Boisduvall)
(Ceanothus silk moth) [Lepidoptera:
Saturniidae] Overwintering Stage: Pupae
Generations Per Year: 1

5747 *Poecilotettix pantherinus* (Walker)
(Military grasshopper) [Orthoptera:
Acrididae]

5748 *Reticulitermes humilis* Banks
(Obscure termite) [Isoptera: Termitidae]

5749 *Icerya rileyi* Cockerell [Homoptera:
Margarodidae]

5750 *Euryopthalmus succinctus* (Linnaeus)
[Hemiptera: Pyrrhocoridae]

5751 *Dendrobiella sericans* (LeConte)
[Coleoptera: Bostrichidae]
Immature/Adult Guild: Wood borer: dead
wood/?

5752 *Amphicerus teres* Horn [Coleoptera:
Bostrichidae] Immature/Adult Guild:
Bud, twig borer/?

5753 *Megacyllene antennatus* (White)
(Round-headed mesquite borer)
[Coleoptera: Cerambycidae]

5754 *Schizax senex* LeConte [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: dead wood/?

5755 *Pachybrachis prosopis* Fall [Coleoptera: Chrysomelidae]

5756 *Aegeria prosopis* Henry Edwards [Lepidoptera: Sesiidae] Immature/Adult Guild: Gall exploiter/?

5757 *Mylabris uniformis* LeConte (Desert weevil) [Coleoptera: Bruchidae]

5758 *Mylabris protractus* (Horn) [Coleoptera: Bruchidae]

5759 *Aspidiotus candidulus* Cockerell [Homoptera: Diaspididae]

5760 *Lecanium persicae* (Fabricius) (Peach scale) [Homoptera: Coccidae]

5761 *Corythucha ciliata* (Say) (Sycamore lacebug) [Hemiptera: Tingidae]

5762 *Bombyx mori* Linnaeus (Chinese or mulberry silkworm) [Lepidoptera: Bombycidae]

5763 *Euzophera semifuneralis* (Walker) (American plum borer) [Lepidoptera: Pyralidae]

5764 *Aleuroplatus gelatinosus* (Cockerell) (Gelatinous whitefly) [Homoptera: Aleyrodidae]

5765 *Neuroterus saltatorius* (Edwards) (Jumping oak galls) [Hymenoptera: Cynipidae]

5766 *Plusiotis beyeri* Skinner (Silver beetle) [Coleoptera: Scarabaeidae]

5767 *Dryophanta glabra* Gillette [Hymenoptera: Cynipidae] Immature/Adult Guild: Gall former: leaves/?

5768 *Dryophanta porterae* Cockerell [Hymenoptera: Cynipidae] Immature/Adult Guild: Gall former: leaves/?

5769 *Kalotermea occidentis* (Walker) (Occidental termite) [Isoptera: Kalotermitidae]

5770 *Kalotermea minor* (Hagen) (Minor termite) [Isoptera: Kalotermitidae]

5771 *Arytaina ceanothae* Crawford (Ceanothus psyllid) [Homoptera: Psyllidae]

5772 *Pulvinaria coulteri* Cockerell [Homoptera: Coccidae]

5773 *Dichelonyx testaceipennis* (Fall) [Coleoptera: Scarabaeidae]

5774 *Haltica probata* Fall (Rose flea beetle) [Coleoptera: Chrysomelidae]

5775 *Diplolepis bassetti* Beutenmuller [Hymenoptera: Cynipidae] Immature/Adult Guild: Gall former: twigs/?

5776 *Diplolepis politus* (Ashmead) [Hymenoptera: Cynipidae] Immature/Adult Guild: Gall former: stems/?

5777 *Aphis ramonae* Linnaeus (Black sage aphid) [Homoptera: Aphididae]

5778 *Eriococcus poenulatus* Ferris [Homoptera: Ortheziidae]

5779 *Aphis albipes* Oestlund (Snowberry aphid) [Homoptera: Aphididae]

5780 *Aphis pulverulans* Gillette [Homoptera: Aphididae]

5781 *Sphinx vancouverensis* Henry Edwards (Vancouver sphinx) [Lepidoptera: Sphingidae]

5782 *Dialeurodes citri* Riely & Howard (Citrus whitefly) [Homoptera: Aleyrodidae]

5783 *Sphinx chersis* (Hubner) (Chersis sphinx) [Lepidoptera: Sphingidae]

5784 *Samia cecropia* (Linnaeus) (Cecropia moth) [Lepidoptera: Saturniidae] Immature/Adult Guild: Leaf feeder/?

5785 *Haplothrips leucanthemi* (Schrank) (Statice thrips) [Thysanoptera: Phlaeothripidae]

5786 *Brachyrhinus sulcatus* (Fabricius) (Black vine weevil, cyclamen borer) [Coleoptera: Curculionidae]

5787 *Calophya californica* Schwarz (Sumac psyllid) [Homoptera: Psyllidae]

5788 *Calophya triozae* Schwarz [Homoptera: Psyllidae]

5789 *Liosomaphis rhois* (Monell) [Homoptera: Aphididae]

5790 *Pseudococcus longisetosus* Ferris [Homoptera: Pseudococcidae]

5791 *Saissetia hemisphaerica* (Targioni) [Homoptera: Coccidae]

5792 *Podotesia syringae* (Harris) [Lepidoptera: Sesiidae] Immature/Adult Guild: Wood borer/?

5793 *Trypeta baccharis* Coquillett (Baccharis gall fly) [Diptera: Tephritidae] Immature/Adult Guild: Gall former: stems/?

5794 *Aegeria tipuliformis* (Linnaeus) (Imported currant borer) [Lepidoptera: Sesiidae] Immature/Adult Guild: Root, stem borer/? Overwintering Stage:

- Larvae in stems Oviposition Medium: Bark crevices
- 5795 *Melittia gloriosa* Henry Edwards (Man root borer) [Lepidoptera: Sesiidae]
- 5796 *Heliothrips haemorrhoidalis* (Bouche) (Greenhouse thrips) [Thysanoptera: Thripidae]
- 5797 *Pseudococcus erigoni* Ehrhorn (Eriogonum mealybug) [Homoptera: Pseudococcidae]
- 5798 *Corythucha eriodictyonae* Osborn & Drake (Yerba santa lacebug) [Hemiptera: Tingidae]
- 5799 *Coelopoeta glutinosi* Walsingham (Yerba santa gall moth) [Lepidoptera: Elachistidae] Immature/Adult Guild: Gall former: leaves/?
- 5800 *Termopsis laticeps* Banks (White-headed termite) [Isoptera: Kalotermitidae]
- 5801 *Frankliniella insularis* (Franklin) (Isular thrips) [Thysanoptera: Thripidae]
- 5802 *Ceresa basalis* Walker (Basal treehopper) [Homoptera: Membracidae]
- 5803 *Stictocephala pacifica* Van Duzee (Pacific treehopper) [Homoptera: Membracidae]
- 5804 *Stictocephala wickhami* Van Duzee (Wickham's treehopper) [Homoptera: Membracidae]
- 5805 *Idiocerus alternatus* Fitch [Homoptera: Cicadellidae]
- 5806 *Idiocerus pallidus* Van Duzee [Homoptera: Cicadellidae]
- 5807 *Idiocerus suturalis* Fitch [Homoptera: Cicadellidae]
- 5808 *Cicadella hieroglyphica* (Say) (Hieroglyphic sharpshooter) [Homoptera: Cicadellidae]
- 5809 *Heliochara communis* Fitch (Bog leafhopper) [Homoptera: Cicadellidae]
- 5810 *Trioza maura* Forster (Common willow psyllid) [Homoptera: Psyllidae]
- 5811 *Trioza nigrilla* Crawford (Black willow psyllid) [Homoptera: Psyllidae]
- 5812 *Ceropsylla californica* Crawford [Homoptera: Psyllidae]
- 5813 *Psylla americana* Crawford (American psyllid) [Homoptera: Psyllidae]
- 5814 *Phylloxera salicola* Pergande [Homoptera: Phylloxeridae]
- 5815 *Pterochlorus viminalis* (Fonscolombe) (Giant willow aphid) [Homoptera: Aphididae]
- 5816 *Symydobius macrostachyae* Essig [Homoptera: Aphididae]
- 5817 *Symydobius salicicorticis* Essig [Homoptera: Aphididae]
- 5818 *Chaitophorus monella* (Essig) [Homoptera: Aphididae]
- 5819 *Melanoxantherium flocculosum* (Weed) [Homoptera: Aphididae]
- 5820 *Aspidiotus aesculi* Johnson (Buckeye scale) [Homoptera: Diaspididae]
- 5821 *Corythucha salicis* Osborn & Drake (Eastern willow tingid) [Hemiptera: Tingidae]
- 5822 *Phyllophaga fusca* (Froelich) (Common June beetle) [Coleoptera: Scarabaeidae]
- 5823 *Phyllophaga rugosa* (Melsh.) [Coleoptera: Scarabaeidae]
- 5824 *Cotalpa subcibrata* Wickham [Coleoptera: Scarabaeidae]
- 5825 *Sinodendron rugosum* Mann. (Rugose stag beetle) [Coleoptera: Lucanidae] Immature/Adult Guild: Wood borer: decayed wood/?
- 5826 *Amitermes californicus* Banks (California termite) [Isoptera: Termitidae]
- 5827 *Tibicen montezuma* (Distant) (Montezuma cicada) [Homoptera: Cicadidae]
- 5828 *Pachybrachis donneri* Crotch [Coleoptera: Chrysomelidae]
- 5829 *Pachybrachis livens* LeConte [Coleoptera: Chrysomelidae]
- 5830 *Disonycha quinquevittata* (Say) (Five-striped willow beetle) [Coleoptera: Chrysomelidae]
- 5831 *Disonycha pennsylvanica* (Illiger) [Coleoptera: Chrysomelidae]
- 5832 *Rhynchites cyanellus* LeConte [Coleoptera: Curculionidae]
- 5833 *Dasyneura leguminicola* (Lintner) (Clover flower midge) [Diptera: Cecidomyiidae] Oviposition Medium: Flowers
- 5834 *Atherix* spp. (Snipe flies) [Diptera: Rhagionidae]
- 5835 *Aglaia antiopa* (Linnaeus) (Mourning cloak) [Lepidoptera: Nymphalidae] Oviposition Medium: Branch surfaces

- 5836 *Basilarchia lorquini* (Boisduvall)
(Lorquin's admiral) [Lepidoptera:
Nymphalidae] Overwintering Stage: Larvae
Generations Per Year: 2
- 5837 *Smerinthus cerisyi* (Kirby)
(Cerisy's spinx) [Lepidoptera:
Sphingidae]
- 5838 *Pachysphinx modesta* (Harris)
(Poplar hawk moth) [Lepidoptera:
Sphingidae]
- 5839 *Telea polyphemus* (Cramer)
(Polyphemus silk moth) [Lepidoptera:
Saturniidae]
- 5840 *Catocala californica* Edwards
[Lepidoptera: Noctuidae]
- 5841 *Sabulodes forficaria* Guenee
[Lepidoptera: Geometridae]
- 5842 *Oiketeticus townsendi* Cockerell
(Tornillo bagworm) [Lepidoptera:
Geometridae]
- 5843 *Alcathae apiformis* (Clerck) (Hornet
moth) [Lepidoptera: Sesiidae]
Immature/Adult Guild: Wood borer/?
- 5844 *Archips argyrospila* Walker (Fruit
tree leaf roller) [Lepidoptera:
Tortricidae] Oviposition Medium: Bark
surfaces
- 5845 *Haploptilia volcki* (Heinrich)
(Volck's case bearer) [Lepidoptera:
Coleophoridae]
- 5846 *Pontania parva* (Cresson)
[Hymenoptera: Tenthredinidae]
- 5847 *Pontania resinicola* Marlatt (Resin
colored sawfly) [Hymenoptera:
Tenthredinidae]
- 5848 *Pteronidea occidentalis* Marlatt
[Hymenoptera: Tenthredinidae]
- 5849 *Cryptocampus macgillivray* Rohwer
[Hymenoptera: Tenthredinidae]
- 5850 *Cryptocampus bebbianae* Rohwer
[Hymenoptera: Tenthredinidae]
- 5851 *Toxoptera graminum* Rondani (Green
bug) [Homoptera: Aphididae]
- 5852 *Diaspis piricola* (Del Guercio)
(Italian pear scale) [Homoptera:
Diaspididae]
- 5853 *Aleyrodes pruinosa* Bemis (Pruinose
whitefly) [Homoptera: Aleyrodidae]
- 5854 *Corythucha incurvata* Uhler
(California Christmas berry tingid)
[Hemiptera: Tingidae] Oviposition
Medium: Leaf undersides
- 5855 *Myzus rhamni* (Fonscolombe)
[Homoptera: Aphididae]
- 5856 *Tetraleurodes stanfordi* (Bemis)
(Stanford whitefly) [Homoptera:
Aleyrodidae]
- 5857 *Prociphilus alnifoliae* (Williams)
[Homoptera: Aphididae]
- 5858 *Trialeurodes wellmanae* (Bemis)
(Wellman's whitefly) [Homoptera:
Aleyrodidae]
- 5859 *Pachybrachis calidus* Fall
[Coleoptera: Chrysomelidae]
- 5860 *Agrilus burkei* Fisher [Coleoptera:
Buprestidae]
- 5861 *Syneta albida* LeConte (Western
fruit beetle) [Coleoptera: Chrysomelidae]
Immature/Adult Guild: ?/Bud, flower, leaf
feeder
- 5862 *Erannis defoliaria* Clerck (Mottled
umber moth) [Lepidoptera: Geometridae]
Immature/Adult Guild: Fruit, leaf feeder/?
Overwintering Stage: Eggs Oviposition
Medium: Bud, twig surfaces
- 5863 *Alypia octomaculata* (Fabricius)
(Eight-spotted forester) [Lepidoptera:
Agaristidae]
- 5864 *Thrips physapus* Linnaeus (European
thrips) [Thysanoptera: Thripidae]
- 5865 *Amphorophora rubicola* (Oestlund)
(Thimbleberry aphid) [Homoptera:
Aphididae]
- 5866 *Rhynchites bicolor viridilustrans*
Pierce (Rose curculio, rose snout
beetle) [Coleoptera: Curculionidae]
Immature/Adult Guild: ?/Bud, leaf feeder
Overwintering Stage: Pupae Oviposition
Medium: Fruit
- 5867 *Olethreutes compestrana* Zeller
[Lepidoptera: Olethreutidae]
- 5868 *Liothrips illex dumosa* (Moulton)
(Christmas berry thrips) [Thysanoptera:
Phlaeothripidae]
- 5869 *Phyllaphis quercifoliae* Gillette
(Woolly oak aphid) [Homoptera: Aphididae]
- 5870 *Hadronema militaris* Uhler
[Hemiptera: Miridae]
- 5871 *Polydrusus ochreus* (Fall) (Scrub
oak weevil) [Coleoptera: Curculionidae]
- 5872 *Andricus californicus* (Bassett)
(California gallfly) [Hymenoptera:
Cynipidae] Immature/Adult Guild: Gall
former: twigs/?
- 5873 *Disholcaspis washingtonensis*
(Gillette) [Hymenoptera: Cynipidae]

Immature/Adult Guild: Gall former:
twigs/?

5874 Disholcaspis eldoradensis
(Beutenmuller) [Hymenoptera: Cynipidae]
Immature/Adult Guild: Gall former:
twigs/?

5875 Neuroterus decipiens Kinsey
[Hymenoptera: Cynipidae] Immature/Adult
Guild: Gall former: leaves/?

5876 Plagiotrichus chrysolepidicola
diminuens Kinsey [Hymenoptera: Cynipidae]
Immature/Adult Guild: Gall former:
twigs/?

5877 Scyphophorus acupunctatus Gyll.
[Coleoptera: Curculionidae]
Immature/Adult Guild: Stem borer/Sap
feeder

5878 Tegrodera erosa LeConte (Solider
beetle) [Coleoptera: Meloidae]

5879 Tegrodera latecincta Horn (Solider
beetle) [Coleoptera: Meloidae]

5880 Rhopalomyia baccharis Felt [Diptera:
Cecidomyiidae]

5881 Reticulitermes humilis hoferi Banks
[Isoptera: Termitidae] Immature/Adult
Guild: Termite/Termite

5882 Stictomyia longicornis (Bigot)
(Droop-winged fly) [Diptera: Otitidae]
Immature/Adult Guild: Scavenger/?

5883 Arachnis picta Packard (Painted
desert moth) [Lepidoptera: Arctiidae]
Immature/Adult Guild: Leaf feeder/?

5884 Cryptocephalus sanguinicollis
Suffrian [Coleoptera: Chrysomelidae]
Immature/Adult Guild: ?/Leaf feeder

5885 Trichocellus rufierus Kirby
[Coleoptera: Carabidae]

5886 Silis spp. [Coleoptera:
Cantharidae]

5887 Delphacodes campestra [Homoptera:
Delphacidae]

5888 Prokelisoides salina Ball
[Homoptera: Delphacidae]

5889 Sogatella kolophon [Homoptera:
Delphacidae]

5890 Cicada septendecim [Homoptera:
Cicadidae]

5891 Diarthronomyia spp. [Diptera:
Cecidomyiidae]

5892 Calophya trioza Schwarz
[Homoptera: Psyllidae]

5893 Pulverro spp. [Hymenoptera:
Sphecidae]

5894 Astata bakeri Parker [Hymenoptera:
Sphecidae]

5895 Diploplectron fossor Rohwer
[Hymenoptera: Sphecidae]

5896 Philanthus boharti Ferg.
[Hymenoptera: Sphecidae]

5897 Diodontus striatus Eigma.
[Hymenoptera: Sphecidae]

5898 Podalonia spp. [Hymenoptera:
Sphecidae]

5899 Eucerceris barri Scull.
[Hymenoptera: Sphecidae]

5900 Belomicrus columbianus Kohl.
[Hymenoptera: Sphecidae]

5901 Leptothorax muscorum [Hymenoptera:
Formicidae]

5902 Formica occulta [Hymenoptera:
Formicidae]

5903 Formica limata [Hymenoptera:
Formicidae]

5904 Formica subsericea [Hymenoptera:
Formicidae]

5905 Formica altipetens [Hymenoptera:
Formicidae]

5906 Formica argentea [Hymenoptera:
Formicidae]

5907 Trimorus spp. [Hymenoptera:
Scelionidae]

5908 Gyron spp. [Hymenoptera:
Scelionidae]

5909 Ceratochrysis collega R. Bohart
[Hymenoptera: Chrysididae]

5910 Hedychridium panulum [Hymenoptera:
Chrysididae]

5911 Parnopes edwardsii [Hymenoptera:
Chrysididae]

5912 Boharticus spp. [Hymenoptera:
Pteromalidae]

5913 Dibrachys carus [Hymenoptera:
Pteromalidae]

5914 Dinarmus spp. [Hymenoptera:
Pteromalidae]

5915 Chrysocharis spp. [Hymenoptera:
Eulophidae]

5916 Chrysonotomyia spp. [Hymenoptera:
Eulophidae]

- 5917 *Di cladocerus* spp. [Hymenoptera: Eulophidae]
- 5918 *Paracrias arizonensis* [Hymenoptera: Eulophidae]
- 5919 *Idiostatus* spp. [Orthoptera: Gryllidae]
- 5920 *Cercyonis sthenele* [Lepidoptera: Satyridae]
- 5921 *Hesperia juba* [Lepidoptera: Hesperidae]
- 5922 *Pseudanarta crocea* [Lepidoptera: Noctuidae]
- 5923 *Lestes* spp. [Odonata: Lestidae]
- 5924 *Coenagrionidae* spp. [Odonata: Coenagrionidae]
- 5925 *Megachile wheeleri* Mitch. [Hymenoptera: Megachilidae]
- 5926 *Melissodes rivalis* Cresson [Hymenoptera: Anthophoridae]
- 5927 *Andrena miserabilis* Cresson [Hymenoptera: Andrenidae]
- 5928 *Andrena taeniata* Vier. [Hymenoptera: Andrenidae]
- 5929 *Colletes* spp. [Hymenoptera: Colletidae]
- 5930 *Colletes fulgidus* [Hymenoptera: Colletidae]
- 5931 *Anthidium placitum* Cresson [Hymenoptera: Megachilidae]
- 5932 *Brachystropha* spp. [Hymenoptera: Braconidae]
- 5933 *Rogas* spp. [Hymenoptera: Braconidae]
- 5934 *Lysaphidius ramithyrus* [Hymenoptera: Braconidae]
- 5935 *Pseudamblyteles superbus* [Hymenoptera: Ichneumonidae]
- 5936 *Eutanyacra* spp. [Hymenoptera: Ichneumonidae]
- 5937 *Homotropus* spp. [Hymenoptera: Ichneumonidae]
- 5938 *Sinophorus* spp. [Hymenoptera: Ichneumonidae]
- 5939 *Diaparsis* spp. [Hymenoptera: Ichneumonidae]
- 5940 *Diplazon* spp. [Hymenoptera: Ichneumonidae]
- 5941 *Banchus* spp. [Hymenoptera: Ichneumonidae]
- 5942 *Acanthoscelides* spp. [Coleoptera: Bruchidae]
- 5943 *Amara musculis* Say [Coleoptera: Carabidae]
- 5944 *Bembidion obscurellum* [Coleoptera: Carabidae]
- 5945 *Bothrotes plumbeus* x [Coleoptera: Tenebrionidae]
- 5946 *Feltia* spp. [Lepidoptera: Noctuidae]
- 5947 *Poecilanthrax* spp. [Diptera: Bombyliidae]
- 5948 *Thyridanthrax* spp. [Diptera: Bombyliidae]
- 5949 *Dalmannia vitiosa* [Diptera: Conopidae]
- 5950 *Andrena vulpicolor* Cockerell [Hymenoptera: Andrenidae]
- 5951 *Andrena forbesii* Rob. [Hymenoptera: Andrenidae]
- 5952 *Cibolacris parviceps* [Orthoptera: Acrididae]
- 5953 *Psoloessa texana* [Orthoptera: Acrididae]
- 5954 *Clematodes larreae* [Orthoptera: Acrididae]
- 5955 *Ligurotettix coquilletti* [Orthoptera: Acrididae]
- 5956 *Aztecacris gloriosus* [Orthoptera: Acrididae]
- 5957 *Poecilotettix pantherina* [Orthoptera: Acrididae]
- 5958 *Poecilotettix longipennis* [Orthoptera: Acrididae]
- 5959 *Schistocerca albolineata* [Orthoptera: Acrididae]
- 5960 *Tanaocerus koebelei* [Orthoptera: Acrididae]
- 5961 *Anconia* spp. [Orthoptera: Acrididae]
- 5962 *Aeoloplides* spp. [Orthoptera: Acrididae]
- 5963 *Trimerotropis pallidipennis* [Orthoptera: Acrididae]
- 5964 *Bootettix argentatus* [Orthoptera: Acrididae]

Insect Family Listing

This listing contains insect family and order names. Items in the listing are organized numerically and are located using the "Insect Order to Family Index" that follows in this section.

- 1 Nabidae (Hemiptera)
- 2 Anthocoridae (Hemiptera)
- 3 Miridae (Hemiptera)
- 4 Lygaeidae (Hemiptera)
- 5 Chrysopidae (Neuroptera)
- 6 Chrysomelidae (Coleoptera)
- 7 Thripidae (Thysanoptera)
- 8 Phlaeothripidae (Thysanoptera)
- 9 Aeolothripidae (Thysanoptera)
- 10 Sminthuridae (Collembola)
- 11 Poduridae (Collembola)
- 12 Onychiuridae (Collembola)
- 13 Entomobryidae (Collembola)
- 14 Isotomidae (Collembola)
- 15 Tetrigidae (Orthoptera)
- 16 Acrididae (Orthoptera)
- 17 Tridactylidae (Orthoptera)
- 18 Tettigoniidae (Orthoptera)
- 19 Gryllacrididae (Orthoptera)
- 20 Gryllidae (Orthoptera)
- 21 Gryllotalpidae (Orthoptera)
- 22 Phasmatidae (Orthoptera)
- 23 Mantidae (Orthoptera)
- 24 Blattidae (Orthoptera)
- 25 Blattellidae (Orthoptera)
- 26 Forficulidae (Dermaptera)
- 27 Labiduridae (Dermaptera)
- 28 Labiidae (Dermaptera)
- 29 Chelisochidae (Dermaptera)
- 30 Termitidae (Isoptera)
- 31 Kalotermitidae (Isoptera)
- 32 Rhinotermitidae (Isoptera)
- 33 Hodotermitidae (Isoptera)
- 34 Merothripidae (Thysanoptera)
- 35 Heterothripidae (Thysanoptera)
- 36 Corixidae (Hemiptera)
- 37 Notonectidae (Hemiptera)
- 38 Reduviidae (Hemiptera)
- 39 Phymatidae (Hemiptera)
- 40 Tingidae (Hemiptera)
- 41 Aradidae (Hemiptera)
- 42 Piesmatidae (Hemiptera)
- 43 Berytidae (Hemiptera)
- 44 Largidae (Hemiptera)
- 45 Pyrrhocoridae (Hemiptera)
- 46 Coreidae (Hemiptera)
- 47 Rhopalidae (Hemiptera)
- 48 Alydidae (Hemiptera)
- 49 Scutelleridae (Hemiptera)
- 50 Pentatomidae (Hemiptera)
- 51 Cydnidae (Hemiptera)
- 52 Corimelaenidae (Hemiptera)
- 53 Cicadidae (Homoptera)
- 54 Membracidae (Homoptera)
- 55 Cercopidae (Homoptera)
- 56 Cicadellidae (Homoptera)
- 57 Delphacidae (Homoptera)
- 58 Fulgoridae (Homoptera)
- 59 Flatidae (Homoptera)
- 60 Acanaloniidae (Homoptera)
- 61 Issidae (Homoptera)
- 62 Derbidae (Homoptera)
- 63 Cixiidae (Homoptera)
- 64 Kinnaridae (Homoptera)
- 65 Dictyopharidae (Homoptera)
- 66 Achilidae (Homoptera)
- 67 Tropiduchidae (Homoptera)
- 68 Psyllidae (Homoptera)

69 Aleyrodidae (Homoptera)	105 Scarabaeidae (Coleoptera)
70 Aphididae (Homoptera)	106 Byrrhidae (Coleoptera)
71 Eriosomatidae (Homoptera)	107 Buprestidae (Coleoptera)
72 Chermidae (Homoptera)	108 Elateridae (Coleoptera)
73 Phylloxeridae (Homoptera)	109 Throscidae (Coleoptera)
74 Margarodidae (Homoptera)	110 Lampyridae (Coleoptera)
75 Ortheziidae (Homoptera)	111 Cantharidae (Coleoptera)
76 Diaspididae (Homoptera)	112 Lycidae (Coleoptera)
77 Coccidae (Homoptera)	113 Dermestidae (Coleoptera)
78 Aclerdidae (Homoptera)	114 Anobiidae (Coleoptera)
79 Lacciferidae (Homoptera)	115 Ptinidae (Coleoptera)
80 Asterolecaniidae (Homoptera)	116 Bostrichidae (Coleoptera)
81 Pseudococcidae (Homoptera)	117 Lyctidae (Coleoptera)
82 Eriococcidae (Homoptera)	118 Trogositidae (Coleoptera)
83 Dactylopiidae (Homoptera)	119 Cleridae (Coleoptera)
84 Kermidae (Homoptera)	120 Melyridae (Coleoptera)
85 Raphididae (Neuroptera)	121 Nitidulidae (Coleoptera)
86 Mantispidae (Neuroptera)	122 Rhizophagidae (Coleoptera)
87 Hemerobiidae (Neuroptera)	123 Cucujidae (Coleoptera)
88 Myrmeleontidae (Neuroptera)	124 Cryptophagidae (Coleoptera)
89 Ascalaphidae (Neuroptera)	125 Languriidae (Coleoptera)
90 Rhysodidae (Coleoptera)	126 Erotylidae (Coleoptera)
91 Cicindelidae (Coleoptera)	127 Phalacridae (Coleoptera)
92 Carabidae (Coleoptera)	128 Cerylonidae (Coleoptera)
93 Histeridae (Coleoptera)	129 Corylophidae (Coleoptera)
94 Staphylinidae (Coleoptera)	130 Coccinellidae (Coleoptera)
95 Pselaphidae (Coleoptera)	131 Endomychidae (Coleoptera)
96 Ptiliidae (Coleoptera)	132 Lathridiidae (Coleoptera)
97 Leiodidae (Coleoptera)	133 Byturidae (Coleoptera)
98 Silphidae (Coleoptera)	134 Mycetophagidae (Coleoptera)
99 Scaphidiidae (Coleoptera)	135 Ciidae (Coleoptera)
100 Helodidae (Coleoptera)	136 Monommidae (Coleoptera)
101 Dascillidae (Coleoptera)	137 Colydiidae (Coleoptera)
102 Rhipiceridae (Coleoptera)	138 Tenebrionidae (Coleoptera)
103 Lucanidae (Coleoptera)	139 Lagriidae (Coleoptera)
104 Passalidae (Coleoptera)	140 Alleculidae (Coleoptera)

141 Salpingidae (Coleoptera)	177 Liparidae (Lepidoptera)
142 Pyrochroidae (Coleoptera)	178 Lasiocampidae (Lepidoptera)
143 Othniidae (Coleoptera)	179 Saturniidae (Lepidoptera)
144 Mycteridae (Coleoptera)	180 Sphingidae (Lepidoptera)
145 Oedemeridae (Coleoptera)	181 Hesperidae (Lepidoptera)
146 Melandryidae (Coleoptera)	182 Lycaenidae (Lepidoptera)
147 Mordellidae (Coleoptera)	183 Pieridae (Lepidoptera)
148 Rhipiphoridae (Coleoptera)	184 Papilionidae (Lepidoptera)
149 Meloidae (Coleoptera)	185 Parnassiidae (Lepidoptera)
150 Anthicidae (Coleoptera)	186 Danaidae (Lepidoptera)
151 Pedilidae (Coleoptera)	187 Satyridae (Lepidoptera)
152 Cerambycidae (Coleoptera)	188 Heliconiidae (Lepidoptera)
153 Bruchidae (Coleoptera)	189 Nymphalidae (Lepidoptera)
154 Anthribidae (Coleoptera)	190 Tipulidae (Diptera)
155 Brentidae (Coleoptera)	191 Psychodidae (Diptera)
156 Curculionidae (Coleoptera)	192 Ptychopteridae (Diptera)
157 Platypodidae (Coleoptera)	193 Dixidae (Diptera)
158 Scolytidae (Coleoptera)	194 Chaoboridae (Diptera)
159 Pyralidae (Lepidoptera)	195 Culicidae (Diptera)
160 Pterophoridae (Lepidoptera)	196 Ceratopogonidae (Diptera)
161 Olethreutidae (Lepidoptera)	197 Chironomidae (Diptera)
162 Tortricidae (Lepidoptera)	198 Simuliidae (Diptera)
163 Cossidae (Lepidoptera)	199 Anisopodidae (Diptera)
164 Gelechiidae (Lepidoptera)	200 Bibionidae (Diptera)
165 Oecophoridae (Lepidoptera)	201 Mycetophilidae (Diptera)
166 Sesiidae (Lepidoptera)	202 Sciaridae (Diptera)
167 Coleophoridae (Lepidoptera)	203 Scatopsidae (Diptera)
168 Gracilariidae (Lepidoptera)	204 Cecidomyiidae (Diptera)
169 Psychidae (Lepidoptera)	205 Xylophagidae (Diptera)
170 Incurvariidae (Lepidoptera)	206 Xylomyidae (Diptera)
171 Geometridae (Lepidoptera)	207 Stratiomyidae (Diptera)
172 Drepanidae (Lepidoptera)	208 Tabanidae (Diptera)
173 Arctiidae (Lepidoptera)	209 Rhagionidae (Diptera)
174 Agaristidae (Lepidoptera)	210 Therevidae (Diptera)
175 Noctuidae (Lepidoptera)	211 Mydidae (Diptera)
176 Notodontidae (Lepidoptera)	212 Asilidae (Diptera)

213 Leptogastridae (Diptera)	249 Cephidae (Hymenoptera)
214 Bombyliidae (Diptera)	250 Braconidae (Hymenoptera)
215 Empididae (Diptera)	251 Ichneumonidae (Hymenoptera)
216 Dolichopodidae (Diptera)	252 Mymaridae (Hymenoptera)
217 Lonchopteridae (Diptera)	253 Trichogrammatidae (Hymenoptera)
218 Phoridae (Diptera)	254 Eulophidae (Hymenoptera)
219 Pipunculidae (Diptera)	255 Encyrtidae (Hymenoptera)
220 Syrphidae (Diptera)	256 Eupelmidae (Hymenoptera)
221 Conopidae (Diptera)	257 Perilampidae (Hymenoptera)
222 Micropezidae (Diptera)	258 Torymidae (Hymenoptera)
223 Psilidae (Diptera)	259 Pteromalidae (Hymenoptera)
224 Otitidae (Diptera)	260 Eurytomidae (Hymenoptera)
225 Platystomatidae (Diptera)	261 Chalcididae (Hymenoptera)
226 Tephritidae (Diptera)	262 Figitidae (Hymenoptera)
227 Coelopidae (Diptera)	263 Cynipidae (Hymenoptera)
228 Sepsidae (Diptera)	264 Evanidae (Hymenoptera)
229 Sciomyzidae (Diptera)	265 Gasteruptiidae (Hymenoptera)
230 Lauxaniidae (Diptera)	266 Aulacidae (Hymenoptera)
231 Chamaemyiidae (Diptera)	267 Peleciniidae (Hymenoptera)
232 Piophilidae (Diptera)	268 Proctotrupidae (Hymenoptera)
233 Sphaeroceridae (Diptera)	269 Diapriidae (Hymenoptera)
234 Milichiidae (Diptera)	270 Scelionidae (Hymenoptera)
235 Chloropidae (Diptera)	271 Platygasteridae (Hymenoptera)
236 Agromyzidae (Diptera)	272 Chrysididae (Hymenoptera)
237 Clusiidae (Diptera)	273 Bethylinidae (Hymenoptera)
238 Heleomyzidae (Diptera)	274 Dryinidae (Hymenoptera)
239 Anthomyzidae (Diptera)	275 Tiphidae (Hymenoptera)
240 Anthomyiidae (Diptera)	276 Mutillidae (Hymenoptera)
241 Muscidae (Diptera)	277 Scoliidae (Hymenoptera)
242 Calliphoridae (Diptera)	278 Formicidae (Hymenoptera)
243 Sarcophagidae (Diptera)	279 Vespidae (Hymenoptera)
244 Tachinidae (Diptera)	280 Pompilidae (Hymenoptera)
245 Argidae (Hymenoptera)	281 Sphecidae (Hymenoptera)
246 Cimbicidae (Hymenoptera)	282 Colletidae (Hymenoptera)
247 Tenthredinidae (Hymenoptera)	283 Halictidae (Hymenoptera)
248 Siricidae (Hymenoptera)	284 Andrenidae (Hymenoptera)

285 Megachilidae (Hymenoptera)	322 Lymantriidae (Lepidoptera)
286 Anthophoridae (Hymenoptera)	323 Polyphagidae (Orthoptera)
287 Apidae (Hymenoptera)	324 Nepticulidae (Lepidoptera)
288 Ephydriidae (Diptera)	325 Pseudocaeciliidae (Psocoptera)
289 Yponomeutidae (Lepidoptera)	326 Trogiidae (Psocoptera)
290 Aspidiinae (Lepidoptera)	327 Bittacidae (Mecoptera)
291 Sphegigastrinae (Hymenoptera)	328 Phaloniidae (Lepidoptera)
292 Dasytidae (Coleoptera)	329 Oinophilidae (Lepidoptera)
293 Trixoscelididae (Diptera)	330 Tischeriidae (Lepidoptera)
294 Oelolothripidae (Thysanoptera)	331 Leucospididae (Hymenoptera)
295 Aphidiidae (Thysanoptera)	332 Urothripidae (Thysanoptera)
296 Ceraphronidae (Hymenoptera)	333 Sapygidae (Hymenoptera)
297 Cynipoidea (Hymenoptera)	334 Coniopterygidae (Neuroptera)
298 Psocidae (Psocoptera)	335 Perlodidae (Plecoptera)
299 Eucoilidae (Hymenoptera)	336 Libellulidae (Odonata)
300 Carnidae (Diptera)	337 Coenagrionidae (Odonata)
301 Anaspidiinae (Misc. Arthropoda)	338 Chyromyidae (Diptera)
302 Neelidae (Collembola)	339 Hepialidae (Lepidoptera)
303 Elasmidae (Hymenoptera)	340 Blastobasidae (Lepidoptera)
304 Thysanidae (Hymenoptera)	341 Walshiidae (Lepidoptera)
305 Eutrichosomatidae (Hymenoptera)	342 Lepismatidae (Thysanura)
306 Eucharitidae (Hymenoptera)	343 Tineidae (Lepidoptera)
307 Eumenidae (Hymenoptera)	344 Odiniidae (Diptera)
308 Microlepidoptera (Lepidoptera)	345 Ormyridae (Hymenoptera)
309 Ethmiidae (Lepidoptera)	346 Lonchaeidae (Diptera)
310 Diprionidae (Hymenoptera)	347 Oxaeidae (Hymenoptera)
311 Xyelidae (Hymenoptera)	348 Melittidae (Hymenoptera)
312 Nemouridae (Plecoptera)	349 Riodinidae (Lepidoptera)
313 Coccoidea (Homoptera)	350 Lestidae (Odonata)
314 Scenopinidae (Diptera)	351 Acroceridae (Diptera)
315 Lyonetiidae (Lepidoptera)	352 Pallopteridae (Diptera)
316 Drosophilidae (Diptera)	353 Sierolomorphidae (Hymenoptera)
317 Scythridae (Lepidoptera)	354 Timemidae (Orthoptera)
318 Dytiscidae (Coleoptera)	355 Pyromorphidae (Lepidoptera)
319 Malachiidae (Coleoptera)	356 Heliozelidae (Lepidoptera)
320 Tethinidae (Diptera)	357 Bombycidae (Lepidoptera)
321 Asteidae (Diptera)	358 Elachistidae (Lepidoptera)

Insect Family to Insect Index

This index is organized alphabetically by insect family name. Bracketed numbers following the names are listing numbers found in the "Insect Family Listing." For example, the family Acanaloniidae, which is followed by the bracketed number "[60]," can be found in the "Insect Family Listing" as record number 60. Numbers not contained in brackets are listing numbers found in the "Insect Listing."

Acanaloniidae [60] 183 184 1292
 Achilidae [66] 1298
 Acleridae [78] 1310
 Acrididae [16] 586 1205 1206 1207 1208
 1209 1210 1211 1212 1213 1214 1215 1216
 1217 1218 1219 1248 1660 1661 1662 1663
 1701 1719 1720 1721 1767 1774 1775 1776
 1778 1779 1780 1781 1795 1796 1797 1798
 1799 1800 1801 1802 1803 1818 1819 1820
 1821 1822 1823 1834 1837 1838 1839 1840
 2004 2525 2673 2674 2675 2676 2735 2745
 2767 2783 2807 2808 2809 2810 2811 2812
 2813 2814 2815 2816 2823 2824 2825 2826
 2830 2831 2832 2833 2849 2850 2851 2852
 2853 2854 2855 2856 2891 2892 2893 2894
 2895 2896 2897 2903 3101 3102 3453 3454
 3455 3456 3742 3743 3893 3926 3927 3928
 3929 3930 3931 3932 3933 3934 3935 3936
 3937 3938 3939 3940 3941 3942 3943 3944
 3945 3946 3947 3948 4397 4521 4522 4523
 4578 4593 4652 4653 5105 5106 5747 5952
 5953 5954 5955 5956 5957 5958 5959 5960
 5961 5962 5963 5964
 Acroceridae [351] 5264
 Aeolothripidae [9] 19 45 46 1241 3894
 5587 5597 5623 5631 5682 5713
 Agaristidae [174] 1406 5694 5863
 Agromyzidae [236] 488 508 509 688 1468
 1885 1886 1887 2705 3090 3186 3187 3188
 3189 3190 3191 3591 3597 4394 4428 4429
 4430 4431 4432 4477 4677 4678 4679 4680
 4681 5617
 Aleyrodidae [69] 1301 1554 1755 2972
 2974 2975 4366 4449 5579 5614 5615 5625
 5626 5668 5669 5670 5689 5719 5722 5723
 5724 5725 5726 5764 5782 5853 5856 5858
 Alleculidae [140] 48 1372 3044
 Alydidae [48] 1280
 Andrenidae [284] 255 256 257 258 902 903
 904 905 906 907 908 909 1516 1718 1965
 3498 3499 3500 3501 3502 3503 3504 3505
 3506 4515 4888 4889 4890 4891 4892 4893
 4894 4895 4896 4897 4898 4899 4900 4901
 5474 5475 5477 5478 5479 5480 5481 5482
 5493 5927 5928 5950 5951
 Anisopodidae [199] 1431
 Anobiidae [114] 49 50 1346 1556 1568
 1582 1602 1634 1635 1804 3046 3909 3910
 5627
 Anthicidae [150] 51 52 53 523 1382 1841
 3023 3155
 Anthocoridae [2] 5 379 380 928 1234
 Anthomyiidae [240] 139 469 584 634 1472
 3722 4484 4485 4486 4501 4516 5302 5303
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 5313 5727 5728 5729
 Anthomyzidae [239] 1471

Anthophoridae [286] 259 260 910 911 912
 1166 1167 1168 1518 1714 3710 3711 3732
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 Anthribidae [154] 54 55 1386 4387 4460
 Aphididae [70] 185 186 417 581 587 588
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 2189 2190 2228 2240 2241 2242 2243 2244
 2245 2246 2286 2289 2290 2291 2292 2293
 2294 2295 2296 2297 2299 2300 2301 2302
 2303 2304 2305 2306 2307 2308 2309 2539
 2540 2541 2542 2543 2566 2567 2568 2569
 2570 2571 2578 2579 2580 2581 2582 2585
 2600 2646 2647 2861 2862 2863 2864 3103
 3104 3105 3106 3107 3108 3109 3110 3111
 3121 3122 3143 3149 3150 3151 3157 3158
 3162 3163 3164 3165 3168 3169 3170 3171
 3172 3173 3174 3175 3176 3177 3178 3179
 3180 3181 3182 3183 3184 3236 3602 3603
 3665 3666 3972 4150 4246 4252 4281 4282
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 4684 4690 4691 4693 4863 4864 4865 4866
 4867 4868 4869 4870 4871 4872 4873 4967
 4969 4970 4971 4972 5144 5599 5600 5611
 5612 5618 5624 5676 5678 5679 5688 5702
 5703 5704 5716 5717 5718 5721 5777 5779

5780 5789 5815 5816 5817 5818 5819 5851
 5855 5857 5865 5869
 Apidae [287] 31 32 261 629 1519 2512
 3452 3723 4514 4958 5522 5523 5524 5525
 5526
 Aradidae [41] 1273
 Arctiidae [173] 297 1189 1405 1586 1587
 1632 1696 3992 4153 4472 5661 5883
 Argidae [245] 262 1477 2710 2787
 Ascalaphidae [89] 1321
 Asilidae [212] 502 1444 2407 2408 2409
 2410 2411 2412 2413 2414 2784 3091 3569
 4584 5255 5256 5257 5258 5259 5260 5261
 5262 5263
 Asteidae [321] 2473 2474
 Asterolecaniidae [80] 188 1312 5590
 Aulacidae [266] 1498
 Berytidae [43] 1275 1932 3146 5124
 Bethyridae [273] 263 264 1505 1966 1967
 3080 3388 5417
 Bibionidae [200] 140 1432 2371 3565 4480
 5250 5251
 Bittacidae [327] 2985
 Blastobasidae [340] 3917 4609
 Blattellidae [25] 1257
 Blattidae [24] 1256
 Bombycidae [357] 5762
 Bombyliidae [214] 503 640 641 642 715
 716 940 941 942 943 944 945 946 947 948
 1133 1134 1135 1446 2298 2418 2419 2420
 2421 2422 2423 2424 2425 3566 3567 3568
 4481 5265 5266 5267 5268 5269 5270 5271
 5272 5273 5274 5947 5948
 Bostrichidae [116] 1348 1543 1644 1813
 1814 1815 2764 3047 3675 3911 5580 5581
 5751 5752
 Braconidae [250] 448 449 450 451 452 453
 498 499 546 547 548 549 550 551 552 553
 554 630 695 712 937 963 1169 1482 1527
 1968 1969 1970 1971 1972 1973 1974 1975
 1976 2513 2837 2921 3066 3067 3068 3069
 3070 3071 3072 3353 3354 3355 3356 3357
 3358 3359 3360 3361 3362 3363 3364 3365
 3366 3367 3368 3369 3370 3371 3724 3833
 5360 5361 5362 5363 5364 5932 5933 5934
 Brentidae [155] 1387
 Bruchidae [153] 56 57 58 59 60 61 62 63
 64 65 66 67 1065 1385 1824 1825 2760 2796
 2797 2798 2799 2800 2801 2802 2803 2804
 2805 2835 3052 3120 3153 3159 3705 3706
 4645 4878 4961 5219 5701 5757 5758 5942
 Buprestidae [107] 68 69 408 1232 1339
 1542 1555 1561 1567 1578 1690 1784 1805
 1806 1807 1808 1809 1810 2252 2331 2332
 2333 2487 2521 2544 2545 2546 2547 2548
 2549 2550 2583 2589 2590 2591 2592 2593
 2594 2595 2613 2614 2615 2623 2624 2677
 2678 2679 2680 2736 2742 2747 2761 2844
 2848 3042 3160 3493 3673 3674 3770 3777
 3846 3912 3913 3914 4149 4177 4178 4184
 4287 4288 4325 4326 4327 4328 4329 4330
 4331 4332 4333 4334 4335 4641 4973 4974
 4975 4976 4977 4978 4979 4980 4981 4982
 4983 4984 4985 4986 4987 4988 4989 4990
 4991 4992 4993 4994 4995 4996 4997 4998
 5165 5166 5167 5168 5169 5646 5860
 Byrrhidae [106] 1338
 Byturidae [133] 1365 3030
 Calliphoridae [242] 141 961 962 1474
 1888 1889 2259 2260 2497 3213 5322 5323
 5325 5730 5731

Cantharidae [111] 70 71 72 73 1343 2488
 3009 3010 3011 3012 3013 5172 5173 5886
 Carabidae [92] 74 522 1066 1067 1068
 1069 1070 1071 1072 1073 1324 1792 1842
 1843 2207 2208 2325 2326 2327 2328 2789
 3007 3008 3573 3728 3847 3848 3849 3850
 3851 3852 3853 3854 5157 5158 5885 5943
 5944
 Carnidae [300] 689 1532 2476 2477 2478
 Cecidomyiidae [204] 36 142 143 1436 1572
 1573 1588 1589 1590 1769 1895 1896 1897
 2383 2384 2461 2596 2629 2706 2707 2752
 2753 2754 2755 2756 2757 2857 2858 3085
 3086 3123 3133 3134 3135 3136 3137 3138
 3139 3140 3141 3142 3642 3643 3644 3842
 4005 4006 4151 4152 4188 4189 4294 4295
 4296 4297 4298 4395 4616 4617 4618 4619
 4657 5657 5833 5880 5891
 Cephidae [249] 1481
 Cerambycidae [152] 30 75 76 77 409 410
 416 421 540 856 857 858 1074 1384 1541
 1579 1613 1616 1617 1618 1620 1641 1645
 1811 1812 2320 2321 2322 2323 2324 2486
 2489 2490 2681 2682 2683 2684 2685 2686
 2687 2688 2689 2690 2691 2692 2693 2694
 2695 2744 2774 2819 2820 2821 2822 2905
 3671 3696 3708 3709 3747 3764 3765 3780
 3781 3782 3783 3784 3785 3786 3787 3788
 3789 3790 3791 3792 3793 3794 3795 3796
 3797 3798 3799 3800 3801 3802 3803 3804
 3805 3806 3807 3808 3809 3810 3811 3812
 3813 3814 3815 3816 3817 3818 3819 3820
 3855 3856 3915 3977 3978 3979 3980 4148
 4179 4180 4181 4221 4222 4223 4224 4225
 4226 4227 4228 4229 4230 4231 4238 4266
 4267 4268 4289 4290 4291 4292 4293 4309
 4310 4311 4312 4313 4314 4315 4316 4317
 4318 4319 4320 4321 4322 4323 4461 4638
 5204 5205 5206 5207 5629 5684 5686 5692
 5706 5745 5753 5754
 Ceraphronidae [296] 577 1528 3339 3342
 Ceratopogonidae [196] 685 704 1428 1894
 2370 2375 2376 2377 2378 2379 4342 4571
 Cercopidae [55] 187 575 625 694 1287
 1756 1956 2601 2648 2955 3515 3663 3664
 4655 5632
 Cerylonidae [128] 1360
 Chalcididae [261] 443 632 864 865 1493
 1977 3329 3330 3331 5407
 Chamaemyiidae [231] 144 585 686 687 1463
 1890 2436 3589
 Chaoboridae [194] 1426
 Chelisochidae [29] 1261
 Chermidae [72] 1304 2971
 Chironomidae [197] 521 1136 1429 1906
 1907 2373 2374 4572
 Chloropidae [235] 145 146 147 148 149
 150 151 152 464 465 466 487 559 639 691
 699 700 701 702 1137 1138 1467 1892 2428
 2429 2430 2431 2432 2433 2434 2435 4555
 5297 5298 5299 5300
 Chrysididae [272] 454 455 893 894 895
 896 897 1504 3379 3380 3381 3382 5411
 5412 5413 5414 5415 5416 5909 5910 5911
 Chrysomelidae [6] 13 28 29 78 79 80 81
 82 83 84 85 86 87 88 89 90 91 92 93 94 95
 96 97 98 99 100 101 102 310 311 312 313
 314 315 316 404 405 426 563 705 1075 1076
 1077 1078 1079 1080 1081 1082 1083 1084
 1238 1557 1558 1606 1691 1722 1723 1724
 1725 1726 1727 1728 1845 1846 1847 1848

1849 1850 1851 1852 1853 2225 2226 2227
 2253 2254 2349 2350 2351 2352 2353 2354
 2355 2356 2357 2358 2359 2360 2361 2362
 2363 2364 2365 2469 2491 2492 2493 2562
 2625 2626 2627 2696 2697 2740 3048 3049
 3050 3051 3095 3574 3575 3595 3596 3649
 3676 3720 3727 3839 3840 3841 3843 3857
 4165 4166 4185 4186 4388 4421 4422 4439
 4442 4462 4532 4533 4592 4598 4599 4600
 4620 4621 4644 5209 5210 5211 5212 5213
 5214 5215 5216 5217 5218 5232 5592 5603
 5604 5608 5638 5680 5755 5774 5828 5829
 5830 5831 5859 5861 5884
 Chrysopidae [5] 9 308 1237 2979 2980
 2981 5155 5156
 Chyromyidae [338] 3606
 Cicadellidae [56] 27 189 190 191 192 193
 194 195 196 197 198 199 200 201 202 203
 204 205 206 207 208 209 210 211 212 213
 214 215 216 217 218 219 220 221 222 223
 224 225 226 227 431 432 433 476 477 478
 479 532 541 555 561 569 572 573 574 579
 580 626 627 674 675 676 711 1154 1155
 1156 1157 1158 1288 1636 1676 1677 1703
 1938 1939 1940 1941 1942 1943 1944 1945
 1946 1947 1948 2079 2247 2248 2504 2506
 2565 2649 2650 2651 2652 2653 2654 2916
 2926 2927 2956 2957 2958 2959 2960 2961
 2962 2963 2964 2965 2966 2967 2968 2969
 2970 2973 3147 3148 3340 3564 3576 3607
 3608 3609 3610 3611 3612 3613 3614 3615
 3616 3617 3618 3619 3620 3621 3622 3623
 3624 3625 3626 3627 3628 3629 3630 3631
 3632 3633 3634 3635 3899 3965 4360 4361
 4368 4369 4407 4408 4409 4410 4435 4436
 4440 4451 4452 4467 4468 4524 4525 4526
 4527 4551 4552 4566 4567 4568 4580 4581
 4587 4588 4654 4658 4659 4660 4661 4662
 4663 4669 4670 5141 5673 5674 5677 5683
 5805 5806 5807 5808 5809
 Cicadidae [53] 1285 1596 1678 1949 2507
 2630 2950 3112 3113 3114 3115 3116 3117
 3118 3119 3739 3740 3741 3960 4251 5610
 5827
 Cicindelidae [91] 1323 2791
 Ciidae [135] 1367
 Cimbicidae [246] 1478 1630 2608 2711
 2734 4163 4164
 Cixiidae [63] 228 229 230 1295 1679 1950
 1951 2948 2949
 Cleridae [119] 317 318 319 494 1085 1351
 1844 2336 2518 3020 3021 3736 3858 4534
 4642 5175
 Clusiidae [237] 1469
 Coccidae [77] 1309 2251 2465 2466 2586
 2602 2603 2604 2605 2606 2655 2656 2709
 2733 2763 2870 2976 2977 3262 4862 4965
 4966 5630 5644 5705 5760 5772 5791
 Coccinellidae [130] 320 321 322 323 324
 325 326 327 328 329 330 331 332 333 334
 335 403 419 420 560 571 578 622 829 830
 831 832 833 834 835 836 837 838 839 840
 841 842 843 844 845 846 847 848 849 850
 851 852 853 854 1086 1087 1088 1362 1692
 1729 1730 1731 1854 1855 1856 1857 1858
 1859 1860 1861 1862 1863 1864 1865 1866
 1867 1868 1869 1870 2255 2256 2287 2316
 2317 2318 2494 3033 3034 3035 3036 3037
 3038 3039 3040 3041 3043 3156 3185 3578
 3579 4535 4582 5198 5199 5200 5201 5202
 5208

Coccoidea [313] 1758 1760 1761
 Coelopidae [227] 1459
 Coenagrionidae [337] 3492 5103 5104 5924
 Coleophoridae [167] 1399 2231 2909 2922
 3002 3003 5845
 Colletidae [282] 265 458 545 913 1170
 1514 2514 3507 3508 3509 3510 3511 3512
 3716 4511 4879 4880 4881 4882 4883 4884
 4885 4886 4887 5466 5467 5468 5469 5470
 5471 5472 5473 5559 5929 5930
 Colydiidae [137] 1369 4270
 Coniopterygidae [334] 3459 5152
 Conopidae [221] 1453 2397 2398 2399 2400
 2401 2402 2403 5283 5284 5285 5286 5949
 Coreidae [46] 375 376 377 1278 1665 1915
 1916 1917 2485 2772 2773 2817 2818 2938
 3124 3145 3467 3468 3469 3636 3951 3961
 3963 3964 4668 5130 5671
 Corimelaenidae [52] 1284
 Corixidae [36] 1268
 Corylophidae [129] 1361
 Cossidae [163] 1395 2730
 Cryptophagidae [124] 1356
 Cucujidae [123] 1355 1817 5197
 Culicidae [195] 531 1427 2380 2381 2834
 4494
 Curculionidae [156] 336 337 338 339 340
 341 342 343 344 345 346 347 348 349 350
 351 352 353 354 355 356 357 358 359 360
 361 362 363 364 365 366 406 407 859 1089
 1090 1091 1092 1093 1094 1095 1096 1097
 1098 1099 1100 1101 1102 1231 1388 1569
 1732 1733 1734 1871 1872 1873 1874 1875
 2222 2257 2288 2312 2366 2367 2368 2369
 2452 2495 2517 2584 2628 2698 2699 2778
 2902 3053 3054 3055 3264 3577 3707 3714
 3737 3738 3752 3768 3845 3859 3860 3861
 3862 3863 3864 3865 3982 3983 3984 3985
 3986 3987 3988 3989 4232 4273 4389 4390
 4391 4392 4393 4396 4423 4424 4425 4426
 4427 4443 4463 4464 4476 4583 4605 4682
 4683 4692 5220 5221 5222 5582 5595 5605
 5620 5639 5665 5786 5832 5866 5871 5877
 Cydnidae [51] 1145 1283
 Cynipidae [263] 266 1495 2788 3700 3778
 3779 4240 4622 4623 4624 4625 4626 4627
 4628 4629 4630 4631 4632 4633 4634 4635
 4636 4637 5765 5767 5768 5775 5776 5872
 5873 5874 5875 5876
 Cynipoidea [297] 890 891 892 1529
 Dactylopiidae [83] 1315 2769 2806 3969
 3970
 Danaidae [186] 1418 5237
 Dascillidae [101] 1333 3028
 Dasytidae [292] 10 424 425 495 496 1524
 2344 2345 2346
 Delphacidae [57] 231 628 677 1289 1952
 4370 4371 4411 4469 4694 4695 5887 5888
 5889
 Derbidae [62] 1294
 Dermestidae [113] 367 1345 1735 2335
 3031 4569 5174 5637
 Diapriidae [269] 1501 3343 3344 5410
 Diaspididae [76] 1308 1633 1680 1757
 1788 2310 2463 3902 3903 3904 3974 4076
 4077 4078 4079 4080 4081 4082 4083 4084
 4085 4086 4087 4088 4089 4090 4091 4092
 4093 4094 4095 4096 4097 4098 4099 4100
 4101 4102 4103 4104 4105 4106 4107 4108
 4109 4110 4111 4112 4113 4114 4115 4116
 4117 4118 4119 4120 4121 4122 4123 4124

4125 4126 4127 4128 4129 4130 4131 4132
 4133 4134 4135 4136 4137 4138 4139 4140
 4141 4142 4143 4144 4145 4146 4244 5577
 5578 5602 5607 5635 5636 5648 5649 5759
 5820 5852
 Dictyopharidae [65] 232 233 533 1159
 1297 1953 2249 3698 3699 5142
 Diprionidae [310] 1591 1592 4162 4250
 Dixidae [193] 1425
 Dolichopodidae [216] 539 1448 5275
 Drepanidae [172] 1404
 Drosophilidae [316] 2191 2192 2193 2194
 2195 2196 2197 2218 2456 2781 2782 2847
 2908 3089 4488 4573
 Dryinidae [274] 1506 2883 2884 3383
 Dytiscidae [318] 2329
 Elachistidae [358] 5799
 Elasmidae [303] 883 884 1535
 Elateridae [108] 14 103 104 1103 1340
 1876 1877 2792 3024 3025 3026 3027 3580
 3581 3750 3751 5170 5171 5181
 Empididae [215] 717 718 1447 2415 2416
 2417 3572
 Encyrtidae [255] 536 570 681 1487 1978
 1979 3075 3076 3239 3240 3241 3242 3243
 3244 3245 3246 3247 3248 3249 3250 3251
 3252 3253 3254 3255 3256 3257 3258 3259
 3263 3838 4300 4576 4968
 Endomychidae [131] 1363
 Entomobryidae [13] 754 755 756 757 758
 759 760 761 762 763 764 765 766 767 768
 769 770 771 772 773 774 775 776 777 778
 779 780 781 782 783 784 785 1132 1245
 Ephydriidae [288] 153 538 719 1520 2442
 2443 2444 2445 2446 2447 2448 2449 3588
 4517 5294 5295 5296 5304
 Eriococcidae [82] 234 235 1314 3968 5586
 5588 5606
 Eriosomatidae [71] 1303
 Erotylidae [126] 1358
 Ethmiidae [309] 1566 4554 4671 4672 5243
 Eucharitidae [306] 1171 1538 1980
 Eucoilidae [299] 683 1531 3346 3347 3348
 3349 3350 3351
 Eulophidae [254] 438 439 440 515 517 557
 583 631 679 680 867 868 869 870 1486 1764
 1765 1766 1772 1981 1982 1983 1984 2776
 2779 2839 2842 3079 3237 3303 3304 3305
 3306 3307 3308 3309 3310 3311 3312 3313
 3314 3315 3598 3645 3658 3837 3844 5396
 5915 5916 5917 5918
 Eumenidae [307] 1172 1539 2515 3519 3520
 3521 3522 3523 5428 5429 5430 5431 5432
 5433 5434 5435 5436 5437 5528 5529 5530
 5531 5532 5533 5534 5535 5536 5537 5538
 5539 5542 5543 5544
 Eupelmidae [256] 866 1488 2777 2840 3077
 3078 3656 3834 3835 4279
 Eurytomidae [260] 441 442 633 888 1492
 2464 3316 3317 3744 3745 4239 4241 4276
 4337 4559 5406
 Eutrichosomatidae [305] 886 1537
 Evaniidae [264] 1496
 Figitidae [262] 267 682 1494 3352
 Flatidae [59] 236 1291 1681 2508 2882
 Forficulidae [26] 1258 2929
 Formicidae [278] 268 269 270 271 272 273
 274 275 276 277 278 279 280 281 282 388
 389 390 391 392 393 394 395 396 397 398
 399 400 401 434 435 483 534 582 696 802
 803 804 805 806 807 808 809 810 811 812

813 814 815 816 817 818 819 820 821 822
 823 824 825 826 827 828 1173 1174 1175
 1176 1510 1683 1684 1793 1836 2204 2205
 2206 2219 2281 2551 2552 2553 2554 2555
 2556 2557 2558 2559 2560 2561 2919 2920
 3081 3082 3083 3084 3703 3704 4247 4305
 4490 4506 4542 4543 4544 4577 4585 5420
 5421 5422 5423 5424 5425 5427 5901 5902
 5903 5904 5905 5906
 Fulgoridae [58] 1290 2575 2576 2577 4528
 4529 4530 4531
 Gasteruptiidae [265] 1497 4302 4303 5409
 Gelechiidae [164] 40 1190 1396 1560 1583
 1832 2008 2233 2661 2775 2871 2999 3000
 3001 3599 3679 4378 4379 4454 4608 5244
 5712
 Geometridae [171] 35 298 299 300 301
 1403 1571 2524 2564 2609 2610 2611 2622
 2662 2663 2664 2665 2666 2667 2746 2923
 2990 2991 2992 2993 2994 3684 3685 3686
 3687 3688 3753 3916 3918 3919 3920 4415
 4455 4456 4457 4473 5583 5841 5842 5862
 Gracilariidae [168] 1400 1639 2234 3004
 3126 3689 3690 4158 4159 4160 4161 4673
 5662
 Gryllacrididae [19] 1251
 Gryllidae [20] 1220 1221 1222 1252 2005
 2239 2284 2285 2899 4362 5919
 Gryllotalpidae [21] 1253
 Halictidae [283] 47 283 284 285 286 287
 471 542 543 544 558 914 915 916 917 1177
 1178 1515 1715 1716 1717 2869 2904 3495
 3496 3497 4359 4509 4541 4603 4903 4904
 4905 4906 4907 4908 4909 4910 4911 4912
 4913 4914 5483 5484 5485 5486 5487 5488
 5489 5490
 Heleomyzidae [238] 1470 5301
 Heliconiidae [188] 1420
 Heliozelidae [356] 5700
 Helodidae [100] 1332 3029
 Hemerobiidae [87] 307 1319 2978 3458
 5153 5154
 Hepialidae [339] 3697
 Hesperidae [181] 644 1191 1192 1413
 5006 5007 5022 5023 5060 5078 5079 5080
 5091 5096 5097 5098 5099 5100 5101 5223
 5224 5225 5921
 Heterothripidae [35] 1267 1708
 Histeridae [93] 1104 1105 1106 1107 1325
 1878 3866 4271 4349 4350 4351 5163
 Hodotermitidae [33] 1265
 Ichneumonidae [251] 480 481 684 1179
 1180 1181 1483 1985 1986 1987 1988 2453
 2838 2841 2872 2873 2874 3056 3057 3058
 3059 3060 3061 3062 3063 3064 3065 3372
 3373 3374 3375 3376 3377 3378 4277 4299
 5365 5366 5367 5368 5369 5370 5371 5372
 5373 5374 5375 5376 5377 5378 5379 5380
 5381 5382 5383 5384 5385 5386 5387 5388
 5389 5390 5391 5392 5393 5394 5395 5935
 5936 5937 5938 5939 5940 5941
 Incurvariidae [170] 1193 1194 1402 3731
 3821 3822 3823 3824 3825 3826 3827 3828
 3829 3830 3831 3832 4604 4606 4607
 Isotomidae [14] 1246 2573 2574
 Issidae [61] 237 238 1160 1293 1954 2946
 2947 3667 3668 3669 3900 3901 3966 4437
 Kalotermitidae [31] 1263 1619 2762 3769
 4009 4010 5621 5769 5770 5800
 Kermidae [84] 1316
 Kinnaridae [64] 240 1296

Labiduridae [27] 1259
 Labiidae [28] 1260 4343 5622
 Lacciferidae [79] 239 1311 1762 2768
 5667 5672
 Lagriidae [139] 1371
 Lampyridae [110] 1342 2334
 Languriidae [125] 1357
 Largidae [44] 1276 3952
 Lasiocampidae [178] 33 1410 1627 1628
 1768 1777 1787 2457 2459 2460 2743 3776
 4156 4157 4249
 Lathridiidae [132] 105 1364 3032
 Lauxaniidae [230] 154 1462 2471 2472
 4540
 Leioididae [97] 1329
 Lepismatidae [342] 2198
 Leptogastridae [213] 1445 5254
 Lestidae [350] 5102 5923
 Leucospididae [331] 3238 5408
 Libellulidae [336] 3490 3491
 Liparidae [177] 37 1409 1548 1624 1638
 2749 2750 4154 4155
 Lonchaeidae [346] 4338
 Lonchopteridae [217] 1449
 Lucanidae [103] 1335 5164 5628 5825
 Lycaenidae [182] 643 1195 1196 1197 1414
 2859 2886 3098 3099 5004 5005 5020 5021
 5024 5029 5032 5034 5038 5039 5040 5041
 5042 5043 5044 5045 5046 5047 5048 5049
 5050 5052 5053 5057 5058 5061 5062 5063
 5064 5065 5067 5069 5074 5077 5081 5082
 5084 5086 5087 5226 5227 5228 5229 5230
 5708
 Lycidae [112] 1344
 Lyctidae [117] 1349 1643 1816 5656
 Lygaeidae [4] 7 26 178 427 473 474 935
 1146 1236 1666 1742 1743 1744 1833 1918
 1919 1920 2501 2502 2631 2632 2786 2939
 3464 3465 3466 3735 3897 5125 5126 5127
 5128 5129
 Lymantriidae [322] 3925
 Lyonetiidae [315] 2007 2751 3005 5647
 Malachiidae [319] 2339 2340 2341 2342
 2343
 Mantidae [23] 1255
 Mantispidae [86] 309 1318 2283 2982
 Margarodidae [74] 241 1161 1306 1593
 1594 1595 1597 1598 1608 1609 3967 4245
 4372 4441 5749
 Megachilidae [285] 288 289 1517 3426
 3427 3428 3429 3430 3431 3432 3433 3434
 3435 3436 3437 3438 3439 3440 3441 3442
 3443 3444 3445 3446 3447 3448 3449 3450
 3451 3729 4353 4354 4355 4356 4357 4358
 4513 4601 4602 4685 4917 4918 4919 4920
 4921 4922 4923 4924 4925 4926 4927 4928
 4929 4930 4931 4932 4933 4934 4935 5491
 5492 5494 5495 5496 5497 5498 5499 5500
 5501 5502 5503 5504 5505 5506 5507 5508
 5509 5510 5511 5512 5513 5514 5515 5527
 5560 5561 5562 5563 5564 5565 5566 5567
 5568 5569 5570 5571 5572 5573 5574 5575
 5576 5925 5931
 Melandryidae [146] 1378 5193 5194
 Melittidae [348] 4915 4916
 Meloidae [149] 106 107 706 921 922 923
 924 1108 1109 1110 1111 1112 1113 1114
 1381 1736 1737 1738 2229 2347 2348 2496
 3154 3867 5185 5186 5187 5188 5189 5878
 5879
 Melyridae [120] 108 109 110 111 112 113
 114 115 116 117 673 1115 1352 1879 1880
 1881 1882 2230 2337 2338 3014 3015 3016
 3017 3018 3019 3715 3868 3975 4536 4553
 5176 5177 5178 5179 5180 5182 5183 5184
 Membracidae [54] 242 243 244 245 516 528
 566 1162 1163 1164 1286 1955 1957 1958
 1959 2250 2509 2510 2906 2951 2952 2953
 2954 3652 3653 3654 4147 4235 4236 4237
 4373 4374 4375 4412 4413 4470 4589 4959
 4960 5802 5803 5804
 Merothripidae [34] 1266
 Microlepidoptera [308] 1540
 Micropezidae [222] 1454
 Milichiidae [234] 463 492 690 959 960
 1466 1891 1902 2437 2438 2439 2440 2441
 3590 4339
 Miridae [3] 6 23 24 179 381 382 383 384
 428 429 472 512 524 525 565 567 568 623
 624 707 708 709 929 1147 1235 1667 1745
 1746 1747 1748 1749 1750 1773 1921 1922
 1923 1924 1925 1926 1927 1928 1929 1930
 1931 2454 2455 2529 2530 2531 2532 2533
 2534 2535 2536 2537 2538 2616 2617 2633
 2634 2635 2636 2637 2638 2639 2941 2942
 2943 2944 2945 3474 3475 3476 3477 3478
 3479 3480 3481 3482 3483 3484 3485 3486
 3487 3488 3489 3639 3640 3659 3660 3730
 3898 3953 3955 3957 3958 4182 4183 4363
 4364 4399 4400 4401 4402 4403 4444 4465
 4466 4548 4549 4550 4560 4561 4696 4697
 4962 5108 5109 5110 5111 5112 5113 5114
 5115 5116 5117 5118 5119 5120 5613 5870
 Monommidae [136] 1368
 Mordellidae [147] 118 119 120 422 564
 1379 1522 4537 4570 5190 5191 5231
 Muscidae [241] 462 562 703 1473 1903
 2498 2860 3220 3234 3235 4483 5314 5315
 5316 5317 5318 5319 5320 5321 5324 5732
 Mutillidae [276] 290 1508 1989 2200 3513
 3514 4491 5419
 Mycetophagidae [134] 1366
 Mycetophilidae [201] 1433 2382 5252
 Mycteridae [144] 1376
 Mydidae [211] 1443
 Mymaridae [252] 500 1484
 Myrmeleontidae [88] 1320
 Nabidae [1] 11 25 727 1233 3638
 Neelidae [302] 786 1534
 Nemouridae [312] 1631 5655 5714 5715
 Nepticulidae [324] 2885 4646 4647 5642
 Nitidulidae [121] 1353 1739 2313 2314
 2315 2700 2701 5196
 Noctuidae [175] 34 302 303 413 414 415
 1198 1199 1200 1407 1626 1794 2223 2236
 2277 2758 2986 2987 2988 2989 3650 3651
 3677 3678 3717 3718 3921 3993 4380 4381
 4382 4383 4416 4417 4458 4474 4475 4590
 4698 4699 4700 4701 4702 4703 4704 4705
 4706 4707 4708 4709 4710 4711 4712 4713
 4714 4715 4716 4717 4718 4719 4720 4721
 4722 4723 4724 4725 4726 4727 4728 4729
 4730 4731 4732 4733 4734 4735 4736 4737
 4738 4739 4740 4741 4742 4743 4744 4745
 4746 4747 4748 4749 4750 4751 4752 4753
 4754 4755 4756 4757 4758 4759 4760 4761
 4762 4763 4764 4765 4766 4767 4768 4769
 4770 4771 4772 4773 4774 4775 4776 4777
 4778 4779 4780 4781 4782 4783 4784 4785

4786 4787 4788 4789 4790 4791 4792 4793
 4794 4795 4796 4797 4798 4799 4800 4801
 4802 4803 4804 4805 4806 4807 4808 4809
 4810 4811 4812 4813 4814 4815 4816 4817
 4818 4819 4820 4821 4822 4823 4824 4825
 4826 4827 4828 4829 4830 4831 4832 4833
 4834 4835 4836 4837 4838 4839 4840 4841
 4842 4843 4844 4845 4846 4847 4848 4849
 4850 4851 4852 4853 4854 4855 4856 4857
 4858 5240 5241 5681 5840 5922 5946
 Notodontidae [176] 1408 1546 1623 1625
 2880
 Notonectidae [37] 1269
 Nymphalidae [189] 927 1201 1421 1547
 1698 2235 3100 3655 3746 5000 5001 5002
 5009 5010 5011 5025 5026 5027 5028 5030
 5031 5033 5035 5036 5054 5055 5056 5066
 5075 5085 5088 5092 5093 5094 5233 5234
 5235 5236 5835 5836
 Odiniidae [344] 2843
 Oecophoridae [165] 1397 4418
 Oedemeridae [145] 1377 2258
 Oelolothripidae [294] 511 1526
 Oinophilidae [329] 3006
 Olethreutidae [161] 1202 1203 1393 1584
 1610 1621 1786 2006 3152 3670 3681 3683
 3694 3719 3767 4243 4419 4591 5666 5709
 5710 5867
 Onychiuridae [12] 1244
 Ormyridae [345] 4280
 Ortheziidae [75] 925 1307 1759 2311 2917
 4453 4963 4964 5690 5778
 Othniidae [143] 1375
 Otitidae [224] 155 952 1456 3754 4538
 4539 5882
 Oxaeidae [347] 4902
 Pallopteridae [352] 5292
 Papilionidae [184] 1416 1697 2220 2221
 2865 2866 2867 2868 4874 4875 4876 5018
 5070 5071 5072 5073 5076 5083 5650
 Parnassiidae [185] 1417
 Passalidae [104] 1336
 Pedilidae [151] 121 1383 3022 5195
 Pelecinidae [267] 1499
 Pentatomidae [50] 8 12 38 180 368 369
 370 371 372 373 374 1282 1607 1668 1669
 1751 1752 1933 1935 2503 2505 2597 2598
 2618 2640 2641 2642 2748 2936 2937 3462
 3463 3962 4365 4404 4686 4687 4688 5133
 5134 5135 5136 5137 5138 5139
 Perilampidae [257] 887 1489 1990
 Perlodidae [335] 3460 3461
 Phalacridae [127] 122 123 423 1359 2319
 5203
 Phaloniidae [328] 2998 4384
 Phasmatidae [22] 1254 1664 2765 2766
 2888 2889 2890
 Phlaeothripidae [8] 18 43 1240 1706 1707
 2935 3266 3267 3268 3269 3270 3271 3272
 3273 3274 3275 3276 3277 3278 3279 3280
 3281 3282 3283 3284 3285 3286 3287 3288
 3289 3290 3291 3292 3293 3294 3295 3296
 5107 5785 5868
 Phoridae [218] 1450 2427
 Phylloxeridae [73] 1305 1585 5814
 Phymatidae [39] 930 931 1271 3472 5121
 5140
 Pieridae [183] 1204 1415 1699 3494 4233
 4234 5003 5012 5013 5014 5015 5016 5017
 5051 5059 5089 5090 5095 5596
 Piesmatidae [42] 1274 1753 3471 4405
 4562 4563

Piophilidae [232] 1464 3605
 Pipunculidae [219] 537 1451 1893 2404
 2405 2406 3582 3583
 Platygasteridae [271] 446 447 501 529
 1503 1991 1992 3341 3345 3601 3646 3647
 Platypodidae [157] 1389
 Platystomatidae [225] 1457
 Poduridae [11] 732 733 734 735 736 737
 738 739 740 741 742 743 744 745 746 747
 748 749 750 751 752 753 1243 2526 2527
 2528 2572
 Polyphagidae [323] 1835 2199
 Pompilidae [280] 291 292 293 898 899 900
 901 1182 1512 1685 3547 3548 3549 3550
 3551 3552 3553 3554 3555 3556 3557 3558
 3559 3560 3561 4518 5438 5439 5540 5541
 Proctotrupidae [268] 1500 3337 3338
 Pselaphidae [95] 1327
 Pseudocaeciliidae [325] 2931
 Pseudococcidae [81] 246 247 248 249 926
 1165 1313 1783 2519 2520 3905 3906 3907
 3908 3971 3973 4376 4377 4414 4445 4471
 5145 5146 5147 5148 5149 5150 5151 5589
 5601 5664 5711 5790 5797
 Psilidae [223] 493 1455 5287
 Psocidae [298] 1530 2930
 Psychidae [169] 1401 1614 2278 2587
 Psychodidae [191] 1423 5247
 Psyllidae [68] 250 251 252 253 254 418
 475 497 1300 1682 1771 1960 1961 1962
 1963 1964 2607 2619 2620 2621 2657 2658
 2659 2881 3734 5143 5598 5633 5634 5643
 5720 5771 5787 5788 5810 5811 5812 5813
 5892
 Pteromalidae [259] 436 437 513 514 556
 871 872 873 874 875 876 877 878 879 881
 882 1183 1491 1763 1993 1994 1995 1996
 1997 1998 3074 3260 3261 3265 3298 3299
 3300 3301 3302 3648 4278 5399 5400 5401
 5402 5403 5404 5405 5912 5913 5914
 Pterophoridae [160] 1392 2237 2836 2995
 2996 4190 4446 4448 4459 5609 5616 5699
 Ptiliidae [96] 1328
 Ptinidae [115] 1347 3045 3869
 Ptychopteridae [192] 1424
 Pyralidae [159] 1391 1603 1785 2224 2232
 2279 2522 2523 2660 2668 2669 2770 2771
 2887 3125 3132 3657 3922 3994 3995 3996
 3997 3998 3999 4000 4242 4385 4420 4610
 4639 5242 5698 5763
 Pyrochroidae [142] 1374
 Pyromorphidae [355] 5695 5696 5697
 Pyrrhocoridae [45] 1277 1670 5750
 Raphididae [85] 1317 2983 2984 3457
 Reduviidae [38] 710 932 1270 1671 1672
 1754 1936 2940 3470 3637 4564 5122
 Rhagionidae [209] 1441 4556 5834
 Rhinotermitidae [32] 1188 1264
 Rhipiceridae [102] 1334 1693
 Rhipiphoridae [148] 1380
 Rhizophagidae [122] 1354
 Rhopalidae [47] 181 1279 2511 3661 3662
 4433 4579 5131
 Rhysodidae [90] 1322
 Riordinidae [349] 5008 5019 5037 5068
 Salpingidae [141] 1373 3870
 Sapygidae [333] 3384 3385 3386 3387
 Sarcophagidae [243] 156 157 158 159 160
 635 636 1139 1475 2238 2263 2264 2265
 2266 3214 3215 3216 3217 3218 3219 3221
 3222 3223 3224 3225 3226 3227 3228 3229

3230 3231 3232 3233 4500 4557 5326 5327
 5328 5329 5330 5331 5332 5733 5739
 Saturniidae [179] 1411 1551 1552 1559
 1563 1615 1637 1827 2458 2467 2468 2731
 2732 2738 2739 3923 4248 5239 5640 5645
 5746 5784 5839
 Satyridae [187] 1419 5238 5920
 Scaphidiidae [99] 1331
 Scarabaeidae [105] 125 126 1116 1117
 1118 1119 1120 1121 1122 1337 1544 1550
 1694 1695 1883 2790 3096 3097 3144 3748
 3749 3871 3872 3976 5591 5766 5773 5822
 5823 5824
 Scatopsidae [203] 1435
 Scelionidae [270] 444 445 889 1502 1770
 1999 2918 3332 3333 3334 3335 3336 3836
 5907 5908
 Scenopinidae [314] 1904 2387 3571
 Sciaridae [202] 520 1434 3563 5653
 Sciomyzidae [229] 1461 5291
 Scoliidae [277] 1509 1686 1687 1688 2201
 3516 3725
 Scolytidae [158] 127 411 412 1390 1549
 1562 1564 1565 1574 1575 1576 1577 1581
 1599 1600 1601 1611 1612 1640 1642 1702
 2702 2703 2704 3672 3691 3692 3693 3695
 3991 4060 4061 4062 4063 4064 4065 4066
 4067 4068 4069 4070 4071 4072 4073 4074
 4075 4167 4168 4169 4174 4175 4176 4187
 4253 4254 4255 4256 4257 4258 4259 4260
 4261 4262 4263 4264 4265 5652 5707
 Scutelleridae [49] 1148 1281 1934 2643
 2644 4406 4434 5132
 Scythridae [317] 2280
 Sepsidae [228] 161 692 1460 5290
 Sesiidae [166] 304 1398 1828 2728 2729
 3766 4007 4170 4171 4172 4173 5641 5651
 5756 5792 5794 5795 5843
 Sierolomorphidae [353] 5418
 Silphidae [98] 1330
 Simuliidae [198] 519 1430 2386 3562 5249
 Siricidae [248] 1480
 Sminthuridae [10] 138 787 788 789 790
 791 792 793 794 795 796 797 798 799 800
 801 1242 4520 4545
 Sphaeroceridae [233] 530 1140 1465 5293
 Sphecidae [281] 294 295 456 457 713 714
 968 969 970 971 972 973 974 975 976 977
 978 979 980 981 982 983 984 985 986 987
 988 989 990 991 992 993 994 995 1184 1513
 1689 2000 2001 3389 3390 3391 3392 3393
 3394 3395 3396 3397 3398 3399 3400 3401
 3402 3403 3404 3405 3406 3407 3408 3409
 3410 3411 3412 3413 3414 3415 3416 3417
 3418 3419 3420 3421 3422 3423 3424 3425
 3530 3531 3532 3533 3534 3535 3536 3537
 3538 3539 3540 3541 3542 3543 3544 3545
 3546 4301 4492 4503 5440 5441 5442 5443
 5444 5445 5446 5447 5448 5449 5450 5451
 5452 5453 5454 5455 5456 5457 5458 5459
 5460 5461 5462 5463 5464 5465 5476 5545
 5546 5547 5548 5549 5550 5551 5552 5553
 5554 5555 5556 5557 5558 5893 5894 5895
 5896 5897 5898 5899 5900
 Sphegigastrinae [291] 880 1523
 Sphingidae [180] 402 1412 1782 5658 5659
 5660 5693 5781 5783 5837 5838
 Staphylinidae [94] 1123 1124 1125 1326
 2330 2793 2794 4344 4345 4346 4347 4348
 5159 5160 5161 5162

Stratiomyidae [207] 162 163 918 919 920
 936 938 939 1439 1905 2394 2395 3087 4667
 Syrphidae [220] 164 165 461 489 949 950
 951 1141 1452 2267 2268 2372 2388 2389
 2390 2391 2392 2393 3127 3128 3129 3130
 3131 3584 3585 3586 3587 4336 4340 4341
 4482 4495 4496 4497 4502 4504 5276 5277
 5278 5279 5280 5281 5282 5288
 Tabanidae [208] 1440 1700 2396 3570
 Tachinidae [244] 166 167 168 169 170 171
 172 459 460 490 491 507 518 637 638 698
 1142 1143 1144 1476 1898 1899 1900 1901
 2261 2262 2269 2270 2271 2272 2273 2274
 2275 2276 2499 2500 2785 3092 3093 3094
 3192 3193 3194 3195 3196 3197 3198 3199
 3200 3201 3202 3203 3204 3205 3206 3207
 3208 3209 3210 3211 3212 4489 4498 4499
 4574 4575 4674 4675 4676 5333 5334 5335
 5336 5337 5338 5339 5340 5341 5342 5343
 5344 5345 5346 5347 5348 5349 5350 5351
 5352 5353 5354 5355 5356 5357 5734 5735
 5736 5737 5738 5740 5741 5742 5743 5744
 Tenebrionidae [138] 128 129 130 131 132
 133 134 135 136 137 855 1126 1127 1128
 1129 1130 1131 1370 1789 1790 1791 1884
 2209 2210 2211 2212 2213 2214 2215 2216
 2217 2795 2878 2879 3713 3755 3756 3757
 3758 3759 3760 3761 3762 3763 3771 3772
 3773 3774 3775 3873 3874 3875 3876 3877
 3878 3879 3880 3881 3882 3883 3884 3885
 3886 3887 3888 3889 3890 3891 3892 4218
 4219 4220 4272 4307 4308 4352 5192 5945
 Tenthredinidae [247] 385 386 387 1479
 2282 2462 2712 2713 2714 2715 2716 2717
 2718 2719 2720 2721 2722 2723 2724 2725
 2726 2727 3712 4594 5358 5359 5654 5663
 5846 5847 5848 5849 5850
 Tephritidae [226] 173 174 175 176 467
 468 484 485 504 505 506 526 953 954 955
 956 957 958 1458 1647 1740 1741 1829 1830
 1831 1908 1909 1910 1911 1912 1913 2479
 2480 2481 2482 2483 2484 2737 2741 2900
 2901 3088 3592 3593 3594 3604 3641 3701
 3702 3721 4011 4012 4013 4014 4015 4016
 4017 4018 4019 4020 4021 4022 4023 4024
 4025 4026 4027 4028 4029 4030 4031 4032
 4033 4034 4035 4036 4037 4038 4039 4040
 4041 4042 4043 4044 4045 4046 4047 4048
 4049 4050 4051 4052 4053 4054 4055 4056
 4057 4058 4059 4447 4487 5289 5793
 Termitidae [30] 1262 1826 3896 5593 5748
 5826 5881
 Tethinidae [320] 2450 2451 2470
 Tetrigidae [15] 1247
 Tettigoniidae [18] 1250 2759 2827 2828
 2829 2845 2846 2898 2924 2925 2928 4191
 4192 4193 4194 4195 4196 4197 4198 4199
 4200 4201 4202 4203 4204 4205 4206 4207
 4208 4209 4210 4211 4212 4213 4214 4215
 4216 4217
 Therevidae [210] 177 1442 1914 2426 5248
 5253
 Thripidae [7] 2 3 4 15 16 17 20 21 22 41
 42 44 430 470 693 1239 1553 1580 1704
 1705 1709 2933 2934 3733 3895 4398 4546
 4547 4586 4595 4596 4597 4648 4649 4650
 4651 5585 5594 5691 5796 5801 5864
 Throscidae [109] 1341
 Thysanidae [304] 885 1536
 Timemidae [354] 5685
 Tineidae [343] 4001

Tingidae [40] 182 378 527 933 934 1149
 1150 1272 1622 2599 2645 2708 2875 2876
 2877 3166 3167 3473 3959 5123 5761 5798
 5821 5854
 Tiphiidae [275] 296 1185 1507 2002 3726
 Tipulidae [190] 486 1422 2385 4478 4479
 5245 5246
 Tischeriidae [330] 3161 4438 4859 4860
 4861
 Tortricidae [162] 39 305 1394 1629 2563
 2588 2612 2670 2671 2907 2910 2911 2912
 2913 2914 2915 2997 3600 3680 3682 4386
 5584 5619 5675 5844
 Torymidae [258] 482 535 576 697 860 861
 862 863 1490 2003 2780 3073 3318 3319
 3320 3321 3322 3323 3324 3325 3326 3327
 3328 4558 5397 5398

Trichogrammatidae [253] 1186 1485
 Tridactylidae [17] 1249
 Trixoscelididae [293] 510 1525 2475
 Trogiidae [326] 2932
 Trogositidae [118] 1350 4269
 Tropiduchidae [67] 1299
 Urothripidae [332] 3297
 Vespidae [279] 964 965 966 967 1187 1511
 2516 3517 3518 3524 3525 3526 3527 3528
 3529 4002 4003 4004 4507 4519 5426
 Walshiidae [341] 3924
 Xyelidae [311] 1604 1605 4274 4275
 Xylomyidae [206] 1438
 Xylophagidae [205] 1437
 Yponomeutidae [289] 306 1521 2672 5687

Insect Order to Family Index

This index is organized alphabetically by insect order name. Numbers in the index are listing numbers found in the "Insect Family Listing."

Coleoptera 6 90 91 92 93 94 95 96 97 98
99 100 101 102 103 104 105 106 107 108
109 110 111 112 113 114 115 116 117 118
119 120 121 122 123 124 125 126 127 128
129 130 131 132 133 134 135 136 137 138
139 140 141 142 143 144 145 146 147 148
149 150 151 152 153 154 155 156 157 158
204 292 318 319
Collembola 10 11 12 13 14 302
Dermaptera 26 27 28 29
Diptera 190 191 192 193 194 195 196 197
198 199 200 201 202 203 204 205 206 207
208 209 210 211 212 213 214 215 216 217
218 219 220 221 222 223 224 225 226 227
228 229 230 231 232 233 234 235 236 237
238 239 240 241 242 243 244 288 293 300
314 316 320 321 338 344 346 351 352
Hemiptera 1 2 3 4 36 37 38 39 40 41 42
43 44 45 46 47 48 49 50 51 52

Homoptera 53 54 55 56 57 58 59 60 61 62
63 64 65 66 67 68 69 70 71 72 73 74 75 76
77 78 79 80 81 82 83 84 313
Hymenoptera 207 245 246 247 248 249 250
251 252 253 254 255 256 257 258 259 260
261 262 263 264 265 266 267 268 269 270
271 272 273 274 275 276 277 278 279 280
281 282 283 284 285 286 287 291 296 297
299 303 304 305 306 307 310 311 331 333
345 347 348 353
Isoptera 30 31 32 33
Lepidoptera 159 160 161 162 163 164 165
166 167 168 169 170 171 172 173 174 175
176 177 178 179 180 181 182 183 184 185
186 187 188 189 289 308 309 315 317 322
324 328 329 330 339 340 341 343 349 355
356 357 358
Mecoptera 327
Neuroptera 5 85 86 87 88 89 334
Odonata 336 337 350
Orthoptera 15 16 17 18 19 20 21 22 23 24
25 323 354
Plecoptera 312 335
Psocoptera 298 325 326
Thysanoptera 7 8 9 34 35 294 332
Thysanura 342

Insect Common Name to Insect Index

This index is organized alphabetically by insect common name. Numbers in the index are listing numbers found in the "Insect Listing."

Adaleres 766
 Ants 339
 Aphids 937
 Arctics 984
 Arota 715
 Backswimmers 153
 Barklice 349
 Casebearers 266
 Chalcedon 682
 Checkerspot 971
 Cicadas 167
 Cockroaches 140 141
 Collembola 927 928 929 930 931
 Colonel 621
 Concheula 407
 Crickets 136
 Cutworm 448
 Daunus 774
 Dusty-wings 670
 Earwigs 142 143 144 145
 Eurymedon 638
 Filbertworm 380
 Fireflies 220
 Froghoppers 935
 Geometers 269
 Heliconians 285
 Horntails 331
 Ichneumons 333
 Leafhopper 414 415
 Mantidflies 197
 Mantids 933
 Mantises 139
 Mealybugs 193 194 443
 Midges 294
 Mosquitos 292
 No-see-um 965
 No-see-ums 996
 Orange-tips 280
 Owlflies 200
 Parnassians 282
 Phylloxerans 185
 Planthoppers 170 171 172 173 174 175 176
 177 178 179 180
 Plantlice 183
 Prominents 273
 Psyllids 181
 Punkies 985,542
 Salmonfly 777
 Satyrs 995
 Sawflies 328 329 330
 Sawfly 548
 Scale 190
 Skipper 278
 Spittlebugs 169
 Springtails 126 127 128 129 130
 Sulfurs 994
 Swallowtails 281
 Syrphids 950
 Termites 146 147 148
 Thrips 124 150 151
 Treehoppers 168
 Walkingsticks 138
 Weevils 259

Whiteflies 182
 Whites 983
 admiral, Lorquin's 888
 aleyrodid, Black 756
 ant, Acrobat 562
 ant, California harvester 457
 ant, Fuscous 45 46 47 48 82
 ant, Harvester 525
 ant, Maculate carpenter 563
 ant, Minute black 29
 ant, Odorous 71
 ant, Owyhee harvester 447
 ant, Red 49,56
 ant, Sanguinary 564
 ant, Texas harvester 524
 ant, Western harvester 83
 anthaxia, Common 606
 ants, Velvet 338
 aphid, American juniper 494
 aphid, American maple 474
 aphid, Apple-grain 103
 aphid, Artemisia 738
 aphid, Artichoke 795
 aphid, Barberry 480
 aphid, Bean 398,518
 aphid, Beet root 73
 aphid, Black and red rose 512
 aphid, Black peach 500
 aphid, Black sage 851
 aphid, Brown ambrosia 484
 aphid, Bur clover 958
 aphid, California willow 517
 aphid, Ceanothus 570
 aphid, Chokecherry 69,501
 aphid, Chrysanthemum 535
 aphid, Clover 815
 aphid, Colorado maple 475
 aphid, Common birch 481
 aphid, Cone flower 745
 aphid, Corn root 479
 aphid, Cotton 750
 aphid, Cowpea 411 498
 aphid, Currant 686
 aphid, Dock 955
 aphid, Dogwood 487 488
 aphid, Eastern dusky-winged oak 505
 aphid, Elder 519 797
 aphid, Elderberry 798
 aphid, Elongate rabbitbrush 102
 aphid, Essig's lupine 497
 aphid, European birch 482
 aphid, European raspberry 516
 aphid, Filbert 490
 aphid, Four-spotted hawthorn 493
 aphid, Giant willow 66 877
 aphid, Grass 116
 aphid, Green apple 491
 aphid, Green peach 413
 aphid, Hairy rose 513
 aphid, Hawthorn 816
 aphid, Honeysuckle and parsnip 495,504
 aphid, Hops 399
 aphid, Idaho maple 476
 aphid, Leaf curl plum 397 744
 aphid, Lily 754
 aphid, Long rostrum rabbitbrush 486
 aphid, Long-legged serviceberry 477
 aphid, Manzanita leaf gall 478
 aphid, Maple 77
 aphid, Mealy plum 101,502
 aphid, Melon 978

aphid, Oak bud 508
 aphid, Ornamental currant 509
 aphid, Pea 412
 aphid, Poplar stem gall 74
 aphid, Poplar twig gall 75
 aphid, Rabbitbrush twig bark 485
 aphid, Rose and bearberry 514
 aphid, Rose grass 510
 aphid, Rosy apple 515
 aphid, Shallot 520
 aphid, Short-beaked clover 492
 aphid, Snowball 70,522
 aphid, Snowberry 521 852
 aphid, Spiraea 499
 aphid, Sporadic rabbitbrush 483
 aphid, Strawberry 511
 aphid, Sunflower 963 964
 aphid, Thimbleberry 907
 aphid, Waterlily 503
 aphid, Western dusky-winged oak 506
 aphid, Western lupine 496
 aphid, White banded dogwood 489
 aphid, Wild rose 829
 aphid, Woolly apple 817
 aphid, Woolly elm 352
 aphid, Woolly oak 507 910
 aphid, Wormwood 65
 aphids, Woolly and gall-making 184
 assassin, Bee 410
 bagworm, Snailcase 531
 bagworm, Tornillo 892
 bear, Woolly 782
 bearer, Madrona shield 813
 bearer, Notable shield 633
 bearer, Volck's case 895
 bee, Honey 10
 bees, Carpenter 997
 bees, Cuckoo 345
 bees, Digger 987
 bees, Honey and bumble 346
 bees, Leafcutter 344
 bees, Plasterer 986
 bees, Yellow-faced 343
 beetle, Alder bark 700
 beetle, Apple flea 731
 beetle, Armored stink 526
 beetle, Ash-gray 35
 beetle, Banded flea 32 459
 beetle, Black Hills 375
 beetle, Black blister 106
 beetle, Blaidell's ladybird 432
 beetle, Bronze willow flea 23
 beetle, Buffalo carpet 765
 beetle, Bumble flower 107
 beetle, California willow 704
 beetle, Castaneous 740
 beetle, Colorado cabbage flea 458
 beetle, Colorado potato 717
 beetle, Common June 880
 beetle, Common checkered 431
 beetle, Common red ladybird 53
 beetle, Convergent ladybird 33
 beetle, Cottonwood leaf 51
 beetle, Davidson's 662
 beetle, Desert corn flea 420
 beetle, Eyed ladybird 919
 beetle, Five-spotted ladybird 87
 beetle, Five-striped flea 538
 beetle, Five-striped willow 884
 beetle, Frigid ladybird 85 460
 beetle, Fruit tree bark 776

beetle, Goldenrod 529
 beetle, Green fruit 687
 beetle, Hairy fungus 241
 beetle, Hop flea 8
 beetle, Lateral ladybird 34
 beetle, LeConte's ladybird 462
 beetle, Minute tree fungus 242
 beetle, Mountain mahogany bark 355
 beetle, Oak limb 757
 beetle, Oregon stag 758
 beetle, Pacific powderpost 389
 beetle, Parenthesis ladybird 67
 beetle, Peach 972
 beetle, Pinyon cone 366
 beetle, Potato flea 799
 beetle, Red-shouldered leaf 539
 beetle, Rose flea 671 850
 beetle, Rose snout 908
 beetle, Rugose stag 881
 beetle, Saw-toothed grain 450
 beetle, Short-curcuit 351
 beetle, Shrub bark 393 426
 beetle, Silver 846
 beetle, Singleleaf pinyon cone 374
 beetle, Sinuate ladybird 88
 beetle, Small ash-gray ladybird 90
 beetle, Solider 913 914
 beetle, Spotted blister 92
 beetle, Striped ladybird 89
 beetle, Two-spotted ladybird 84
 beetle, Variable ladybird 461
 beetle, Western beet leaf 3
 beetle, Western blood-red ladybird 86
 beetle, Western fruit 903
 beetle, Western willow leaf 699
 beetle, Willow leaf 703
 beetles, Ant-like flower 254
 beetles, Bark 261
 beetles, Bark-gnawing 227
 beetles, Bess 215
 beetles, Blister 253
 beetles, Carrion 209
 beetles, Cedar 213
 beetles, Checkered 228
 beetles, Click 219
 beetles, Comb-clawed 246
 beetles, Common click 105
 beetles, Cylindrical bark 243
 beetles, Darkling 244,644
 beetles, Dermestid 223
 beetles, Engraver 942
 beetles, False darkling 250
 beetles, False tiger 249
 beetles, Feather-winged 207
 beetles, Fire-colored 248
 beetles, Flat bark 231
 beetles, Fruitworm 240
 beetles, Ground 203
 beetles, Handsome fungus 238
 beetles, Hister 204
 beetles, Ladybird 237
 beetles, Leaf 123
 beetles, Leaf flea 104
 beetles, Lizard 233
 beetles, Long-horned 255
 beetles, Long-jointed 245
 beetles, Marsh 211
 beetles, Metallic wood boring 218
 beetles, Minute brown scavenger 239
 beetles, Minute fungus 236
 beetles, Narrow-waisted bark 247

beetles, Net-winged 222
 beetles, Pill 217
 beetles, Pleasing fungus 234
 beetles, Powder-post 226
 beetles, Round fungus 208
 beetles, Rove 205
 beetles, Sap 230
 beetles, Scarab 216
 beetles, Seed 256
 beetles, Shining flower 235
 beetles, Shining fungus 210
 beetles, Short-winged mold 206
 beetles, Silken fungus 232
 beetles, Skin 940
 beetles, Snout 941
 beetles, Soft-bodied plant 212
 beetles, Soft-winged flower 229
 beetles, Soldier 221
 beetles, Spider 224
 beetles, Stag 214
 beetles, Tiger 202
 beetles, Tumbling flower 251
 beetles, Wedge-shaped 252
 beetles, Wrinkled bark 201
 blotchminer, Aspen 392,677
 boatmen, Water 152
 borer, Alder 701
 borer, American plum 843
 borer, Apple twig 449
 borer, Banded alder 395
 borer, Banded ash 379
 borer, Black gooseberry 803
 borer, Blue cactus 558,616
 borer, Branch and twig 721
 borer, California laurel 954
 borer, Cottonwood twig 583
 borer, Currant cane 688
 borer, Cyclamen 858
 borer, European shot hole 820
 borer, European shothole 587
 borer, Flat-headed apple tree 582
 borer, Golden-winged elder 801
 borer, Imported currant 861
 borer, Leadcable 952
 borer, Lesser shothole 586
 borer, Lilac 453
 borer, Man root 862
 borer, Mesquite 378
 borer, Mesquite branch 610
 borer, Pacific peach tree 775
 borer, Poplar 679
 borer, Poplar and willow 650
 borer, Round-headed apple tree 819
 borer, Round-headed mesquite 838
 borer, Shot hole 990
 borer, Spotted limb 663
 borer, Spotted tree 584
 borer, Stout's branch 394
 borer, Western flat-headed apple tr 117
 borer, Western sycamore 768
 borer, Western twig 612
 borers, Elderberry longhorned 604
 borers, Pin-hole 260
 borers, Twig and branch 225
 braconids, Common 57
 bug, Big-eyed 1,6,60 433,576
 bug, Bijugate shield 579
 bug, Black-faced shield 471
 bug, Bordered plant 408
 bug, Box elder 469
 bug, Cactus joint 617
 bug, California false chinch 454
 bug, Chinch 108
 bug, Clematis 790
 bug, Common milkweed 470
 bug, Consperse stink 568
 bug, False chinch 404,575
 bug, Green 897
 bug, Green soldier 38
 bug, Green stink 36
 bug, Hyaline squash 40
 bug, Leafhopper assassin 409 435
 bug, Onespot stink 712
 bug, Rapacious soldier 921
 bug, Red-shouldered stink 37
 bug, Reflex squash 39
 bug, Rough stink 406,578
 bug, Small stink 434
 bug, Spined soldier 72
 bug, Spotted milkweed 556
 bug, Tarnished plant 405 746
 bug, Yellow 577
 bugs, Ambush 155
 bugs, Ash-gray leaf 158
 bugs, Assassin 154
 bugs, Broad-headed 163
 bugs, Burrower 165
 bugs, Damsel 2 118
 bugs, Flat 934
 bugs, Fungus 157
 bugs, Green stink 607
 bugs, Lace 156
 bugs, Leaf 925
 bugs, Leaf-footed 161
 bugs, Lightning 939
 bugs, Minute pirate 119
 bugs, Negro 166
 bugs, Plant 120
 bugs, Scentless plant 162
 bugs, Seed 121
 bugs, Stilt 159
 bugs, Stink 164
 bumblebee, Yellow 9
 buprestid, California 363
 buprestids, Spotted flower 557
 butterflies, Brush-footed 286
 butterflies, Gossamer-winged 279
 butterflies, Milkweed 283
 butterfly, Blue 646
 butterfly, Morning-cloak 530
 butterfly, Southern cabbage 110
 case-bearer, California 654
 caterpillar, Alfalfa 423
 caterpillar, California tent 11,697
 caterpillar, Coast tent 975
 caterpillar, Forest tent 384
 caterpillar, Great Basin tent 445,546
 caterpillar, Great basin tent 440
 caterpillar, New Mexico range 452
 caterpillar, Pacific tent 603
 caterpillar, Redhumped 383
 caterpillar, Salt-marsh 421
 caterpillar, Southwestern tent 385
 caterpillar, Uglynest 386
 caterpillar, Variable oakleaf 382
 caterpillar, Western tent 698
 caterpillar, Yellownecked 353
 caterpillars, Tent 945
 chalcids, Seed 335
 chermid, Pine leaf 368
 cicada, Apache 416
 cicada, Crackling 667

cicada, Minor 743
 cicada, Montezuma 883
 cicada, Putnam's 573
 cicadas, Woodland 574
 cloak, Mourning 887
 coccids, Cochineal 195
 coccids, Ensign 187
 coccids, Gall-like 196
 coccids, Giant 938
 cockroach, Desert 456
 collops, Striped 24
 collops, Two-spotted 537
 cricket, California tree 533
 cricket, Four-spotted tree 115
 cricket, Snowy tree 534
 crickets, Mole 137
 crickets, Pygmy mole 133
 curculio, Rose 91 992
 curculio, Western rose 713
 cutworm, Granulate 527
 cutworm, Variegated 12
 damselbug, Common 76
 defoliator, Sagebrush 361
 diabrotica, Three-banded 22
 dog-face, California 989
 engraver, Yellow pine 376
 fleahopper, Black 439
 flies, Aphid 323
 flies, Bee 308
 flies, Big-headed 313
 flies, Black 63 948
 flies, Black scavenger 321
 flies, Blow 327
 flies, Common flesh 68
 flies, Crane 287
 flies, Dance 309
 flies, Fairy 334
 flies, Flower 314
 flies, Fruit 320
 flies, Gall forming fruit 58,62 100 466
 467 468,553,554,555,599,602
 flies, Horse and deer 303
 flies, Humpbacked 312
 flies, Leafminer 326
 flies, Long-legged 310
 flies, March 297
 flies, Marsh 322
 flies, Minute black scavenger 300
 flies, Moth flies and sand 288
 flies, Mydas 306
 flies, Phantom crane 289
 flies, Picture-winged 318 319
 flies, Robber 307
 flies, Rust 317
 flies, Shore 347
 flies, Skipper 324
 flies, Small dung 325
 flies, Snipe 304 886
 flies, Soldier 302
 flies, Spear-winged 311
 flies, Stiletto 305
 flies, Stilt-legged 316
 flies, Thick-headed 315
 flies, Window 544
 fly, Baccharis gall 860
 fly, Big black horse 424
 fly, Black blow 464
 fly, Cluster 465
 fly, Currant fruit 648
 fly, Drone 923 98
 fly, Droop-winged 915

fly, Gooseberry fruit 969
 fly, Mexican cactus 706
 fly, Western horse 960
 fly, White-banded cherry fruit 396
 fly, White-winged March 541
 fly, Williston's bee 97
 folder, Grape leaf 811
 forester, Eight-spotted 807 905
 fulgorid, Cult 656
 gallfly, California 912
 galls, Jumping oak 845
 girdler, Arizona oak 630
 girdler, Huisache 350
 girdler, Mesquite 951 377
 girdler, Oak twig 705
 girdler, Texas twig 629
 girdler, Twig 631
 girdlers, Twig 444
 gnat, Bloodsucking 540
 gnats, Buffalo 295
 gnats, Dark-winged fungus 299
 gnats, Fungus 298
 gnats, Gall 301
 gnats, Wood 296
 gouger, Plum 785
 grasshopper, Alkali 620
 grasshopper, Arrow-weed 628
 grasshopper, Athletic 623
 grasshopper, Barber pole 637
 grasshopper, Big-headed 962
 grasshopper, Brownie 626
 grasshopper, Chaparral 619
 grasshopper, Clearwinged 666
 grasshopper, Creosote bush 455
 grasshopper, Detestable 112
 grasshopper, Devastating 605
 grasshopper, Differential 400
 grasshopper, Elliott's 430
 grasshopper, Gloriosa 625
 grasshopper, Green bird 401
 grasshopper, Green bush 956
 grasshopper, Grey bird 402
 grasshopper, Jumbo 968
 grasshopper, Lesser migratory 425
 grasshopper, Migratory 113 429
 grasshopper, Military 836
 grasshopper, Packard's 441
 grasshopper, Pale-spotted 961
 grasshopper, Red-lined 624
 grasshopper, Salt-bush 622
 grasshopper, Two-striped 598
 grasshopper, Vagrant 957
 grasshopper, Valley 581
 grasshopper, Western lubber 632
 grasshoppers, Long-horned 134
 grasshoppers, Pygmy 932
 grasshoppers, Short-horned 132
 grasshoppers, Wingless long-horned 135
 halisidota, Silver-spotted 369
 hoplia, Grapevine 730
 hopper, Three-cornered alfalfa 651
 killer, Cicada 419
 lacebug, Distinct 95
 lacebug, Eggplant 642
 lacebug, Iridescent 643
 lacebug, Sycamore 841
 lacebug, Willow 41
 lacebug, Yerba santa 865
 lacewing, Common green 31
 lacewings, Brown 198
 lacewings, Common 122

leafhopper, Bog 873
 leafhopper, Clover 26
 leafhopper, Eight-lined 792
 leafhopper, Geminate 427
 leafhopper, Green flat-headed 7
 leafhopper, Rose 390 793
 leafhopper, Sugar beet 472,565,653
 leafhopper, Uhler's 27
 leafminer, Aspen 678
 leafminer, Birch 710
 leafminer, Lilac 977
 leafroller, Lilac 711
 leafroller, Oblique-banded 668 794
 lions, Ant 199
 locust, Black-winged 924
 locust, Carolina 111
 locust, Creosote 614
 locust, Rusty 634
 locust, Utah 451
 locusts, Grouse 131
 looper, Mountain mahogany 13,655
 looper, Omnivorous 723
 looper, Western hemlock 365
 lycaenid, Bean 821
 lyctus, European 778
 maggot, Apple 970
 maggot, Blueberry 649
 maggot, Rat-tailed 96
 maggot, Seedcorn 59
 maggot, Snowberry 672
 maggot, Sugarbeet root 683
 mantid, Minor 114
 mantispid, Western 532
 mealybug, Baker's 571,589
 mealybug, Eriogonum 864
 mealybug, Grape 966 967
 mealybug, Ground 726
 mealybug, Long-tailed 824
 mealybug, White sage 728
 mealybug, Yucca 596
 midge, Artemisia gall 609
 midge, Clover flower 885
 midge, Gall 547
 midge, Juniper tip 371
 midge, Pinyon spindle gall 953
 midge, Pinyon stunt needle 370
 midges, Biting 293
 midges, Bitterbrush seed 14 438
 midges, Dixid 290
 midges, Gall 949
 midges, Phantom 291
 miner, Apple leaf blotch 783
 miner, Ceanothus leaf 645
 miner, Sagebrush leaf 608
 miner, Strawberry crown 661
 miners, Leaf blotch 267
 mosquito, Brown salt marsh 64
 mosquito, Vexatious 543
 mosquito, Yellow-fever 635
 moth, Acraea 959
 moth, Atriplex case-bearing 652
 moth, Berry plume 749
 moth, Brown day 357 771
 moth, Buck 552,594
 moth, Bud 822
 moth, Ceanothus silk 358 835
 moth, Ceanothus stem-gall 640
 moth, Cecropia 856
 moth, Codling 823
 moth, Cottonwood dagger 673
 moth, False indigo gall 636
 moth, Ghost 680
 moth, Glover's silk 767
 moth, Great Basin day 600
 moth, Hornet 893
 moth, Huisache 825
 moth, Morning glory plume 742
 moth, Mottled umber 904
 moth, Nevada buck 595
 moth, Nuttall's day 601
 moth, Pacific day 988
 moth, Pacific poplar 592
 moth, Painted desert 916
 moth, Pepper-and-salt 675
 moth, Pinyon cone 367
 moth, Polyphemus silk 891
 moth, Poplar hawk 890
 moth, Rabbitbrush webbing 30
 moth, Rusty tussock 391
 moth, Snout 647
 moth, Striped sphinx 920
 moth, Western tussock 15
 moth, White-lined sphinx 50
 moth, Whitelined sphinx 442
 moth, Wild grape plume 812
 moth, Yerba santa gall 866
 moths, Bagworm 268
 moths, Buck moths and day 551
 moths, Carpenter 264
 moths, Clear-winged 265
 moths, Ermine 348
 moths, Forester 272
 moths, Giant silkworm 276
 moths, Hawk 947
 moths, Hook-tip 270
 moths, Lappet 275
 moths, Leopard 943
 moths, Plume 263
 moths, Royal 946
 moths, Snout and grass 262
 moths, Sphinx 277
 moths, Tiger and footman 271
 mtohs, Tussock 274
 notcher, Mountain mahogany leaf 362
 nymphs, Wood 284
 orthezia, Sagebrush 93
 pansy, Flying 735
 pearls, Ground 186
 plantlice, Jumping 936
 prionus, California 702
 psyllid, Alfalfa 28
 psyllid, American 876
 psyllid, Artemisia 61
 psyllid, Black willow 875
 psyllid, Ceanothus 763 849
 psyllid, Common willow 874
 psyllid, Hackberry gall 769
 psyllid, Knotweed 737
 psyllid, Manzanita 828
 psyllid, Potato 418
 psyllid, Spotted-winged 762
 psyllid, Sumac 859
 roaches, Sand 523
 roller, Fruit tree leaf 572 894
 rootborers, Desert shrub longhorned 54
 sawflies, Stem 332
 sawfly, Cherry fruit 784
 sawfly, Elm 590
 sawfly, Gooseberry 42
 sawfly, Pacific 597
 sawfly, Pinyon 372

sawfly, Resin colored 896
 sawfly, Willow leaf gall 591
 scale, Artemisia 716
 scale, Aspidistra 694
 scale, Bigelovia 561
 scale, Bitterbrush tortoise 550
 scale, Black 660
 scale, Black auracaria 739
 scale, Black willow 693
 scale, Brown apricot 659
 scale, Buckeye 878
 scale, Cactus 436
 scale, Celtis 437
 scale, Chamise 729
 scale, Cherry 773
 scale, Concolor 692
 scale, Cottonwood 446
 scale, Cottony cochineal 684,685
 scale, Cottony cushion 707
 scale, Cottony maple 714 770
 scale, Creosote bush lac 791
 scale, Creosote lac 615
 scale, Dictyospermum 974
 scale, Fluted 976
 scale, Frosted 818
 scale, Greedy 718
 scale, Irregular wax 669
 scale, Italian pear 898
 scale, Ivy 689
 scale, Juniper 695
 scale, Lintner's 764
 scale, Nigra 709
 scale, Oleander 973
 scale, Oystershell 549
 scale, Peach 840
 scale, Pinyon needle 373
 scale, Pit-making pittosporum 639
 scale, Putnam's 772
 scale, Red 719
 scale, Rose 696
 scale, San Jose 388,536
 scale, Scurfy 690
 scale, Soft brown 759
 scale, Spanish red 691
 scale, Tamarisk 417
 scale, Vine 979
 scales, Armored 188
 scales, Lac 191
 scales, Pit 192
 scales, Soft 189
 scales, Tortoise 993
 scales, Wax 982
 scolops, Pallid 473
 serica, Manzanita 356
 sharpshooter, Blue 796
 sharpshooter, Hieroglyphic 872
 silkworm, Chinese 842
 silkworm, Mulberry 981
 skeletonizer, Western grape 808 809 810
 slug, European rose 681
 slug, Pear 43
 spanworm, Bruce 676
 spanworm, Walnut 559
 sphinx, Achemon 806
 sphinx, Chersis 855
 sphinx, Plum 980
 sphinx, Sequoia 780
 sphinx, Twin-spot 781
 sphinx, Vancouver 853
 sphinx, Wild cherry 779
 spinx, Cerisy's 889
 spittlebug, Ceanothus 761
 spittlebug, Rhubarb 580
 springtail, Armed 560
 springtail, Dung 79
 springtail, Green 81
 springtail, Many-spotted 80
 springtail, Maritime 566
 springtail, Serrate 78
 springtail, Varied 922
 stainers, Red bugs and 160
 stinkbug, Say 16
 stonefly, Balck-winged 827
 swallowtail, Western 422
 syrphid, Bird 99
 syrphid, Lemur 545
 termite, Arizona 732
 termite, California 882
 termite, Desert damp-wood 611
 termite, Hubbard's 752
 termite, Minor 848
 termite, Obscure 837
 termite, Occidental 847
 termite, White-headed 867
 termites, Dampwood 149
 thrips, Annectant 800
 thrips, Arizona cotton 805
 thrips, Artemisia 736
 thrips, Banded 926
 thrips, Broad-winged 125
 thrips, Christmas berry 909
 thrips, Corn 428
 thrips, Draceana 733
 thrips, European 906
 thrips, Flower 917
 thrips, Grass 4
 thrips, Greenhouse 863
 thrips, Isular 868
 thrips, Kellogg's 760 826
 thrips, Kuwana's 727
 thrips, Madrona 359
 thrips, Onion 918
 thrips, Pear 725
 thrips, Robust 753
 thrips, Small 20
 thrips, Statice 857
 thrips, Three-colored 55
 thrips, Tobacco 21
 thrips, Western flower 19
 thrips, Wheat 5
 tier, Dark bitterbrush leaf 17
 tier, White-collared leaf 18
 timema, California 802
 tingid, Angulate 641
 tingid, California Christmas berry 900
 tingid, California Christmas-berry 94
 tingid, Ceanothus 569
 tingid, Chokecherry 381
 tingid, Eastern willow 879
 tingid, Western willow 588
 tortoise-shell, California 354,665
 tortrix, Cherry tree 567
 tortrix, Large aspen 674
 tortrix, Orange 724
 treehopper, Basal 869
 treehopper, Modest 109
 treehopper, Pacific 870
 treehopper, Wickham's 871
 walkingstick, Arizona 403
 walkingstick, Velie's 613
 wasps, Ensign 337
 wasps, Gall 336

wasps, Paper 340
wasps, Spider 341
wasps, Thread-waisted 342
webworm, Beet 528
webworm, Fall 387
weevil, Artemisia 52
weevil, Black fruit-tree 585
weevil, Black vine 991
weevil, Bronze apple tree 364
weevil, Desert 839
weevil, Fuller's rose 722
weevil, Pruinose 664
weevil, Scrub oak 911
weevil, Strawberry root 618
weevil, White bud 741
weevil, Wild grape seed 814
weevil, Wormwood 708
weevil, Yucca 734
weevils, Fungus 257
weevils, Straight-snouted 258
whiskers, Red 627
whitefly, Acacia 720
whitefly, Barberry 747
whitefly, Bearberry 748

whitefly, Citrus 854
whitefly, Cottony manzanita 832
whitefly, Crown 830
whitefly, Gelatinous 844
whitefly, Glacial 788
whitefly, Greenhouse 360
whitefly, Hutchings's 834
whitefly, Inconspicuous 787
whitefly, Iridescent 831
whitefly, Iris 657
whitefly, Laurel 658 755
whitefly, Pruinose 899
whitefly, Snowberry 804
whitefly, Splendid 833
whitefly, Stanford 901
whitefly, Tentacular 789
whitefly, Wellman's 902
wireworm, Inflated 463
worm, Apple skin 751
worm, Carpenter 593
worm, Imported currant 44
worm, Lesser apple 786
worm, Screw 25

Immature Guild to Insect Index

This index is organized alphabetically by insect guild. Numbers in the index are listing numbers found in the "Insect Listing."

Ambrosia beetle	4174	4175	4176	5707
Bark beetle	411	1549	1612	1640 3672 3691 3692 3693 3695 4167 4169 4187
Bark feeder	3103			
Bud feeder	4692			
Bud,flower feeder	859			
Bud,flower,fruit feeder	2699			
Bud,flower,leaf feeder	41	5585		
Bud,leaf feeder	5616	5709		
Bud,leaf,seed feeder	1235			
Bud,seed feeder	6	38	1667	
Bud,twig borer	5752			
Cactus joint feeder	3124			
Cambium miner	5617			
Carrion feeder	1330	1474		
Cone feeder	1581	1601		
Crown,root,stem feeder	4376			
Dead stem borer	1188	3949		
Decayed fruit feeder	3917	3922		
Defoliator,leafroller	3680	5675		
Defoliator,seed eater	3650			
Defoliator,skeletonizer	1546			
Dung feeder	1473			
Ectoparasite	1446	1504	1508	2513 3833
Ectoparasite,phytophagous	4239			
Egg parasite	1485	1496	3836	3837 3838
Endoparasite	141	453	557	1453 1476 1482 1483 1506 2776 2777 2779 2780 2837 2838 2839 2840 2841 2842 2872 2873 2874 2883 2884 3601 3835 4241 4299 4968
Epidermal feeder	5654			
Flower feeder	2	1195	1359	2859 3894 3895 4049 4380 4381 4457 4473 4474
Flower,fruit feeder	2849	2850		
Flower,fruit,leaf feeder	4446			
Flower,leaf feeder	3480	4414	4444	
Flower,leaf,stem feeder	4364			
Fruit feeder	18	2597	2900	2901 3641 3845 3950 3961
Fruit,leaf feeder	37	1548	2750	5584 5708 5710 5862
Fungus feeder	1363	1366	1367	1389 1433 1434
Fungus feeder,saprophage	1273			
Gall exploiter	406	5756		
Gall former	466	505	723	725 953 1436 1589 1590 1897 1908 1910 1913 2479 2480 2481 2737 2741 2752 2753 2754 2755 2757 2836 2857 2858 3642 3643 3644 3700 3701 3702 3778 3779 4047 4151 4152 4188 4189 4294 4295 4297 4298 4623
Gall former: fruit	5657			
Gall former: leaves	2724	5643	5767	5768 5799 5875
Gall former: shoots	3085			
Gall former: stems	3001	4240	5776	5793
Gall former: twigs	5775	5872	5873	5874 5876
Girdler	2711	2747	4288	
Hyperparasite	1489			
Internal fruit feeder	3600			
Internal seed feeder	36	39	40	1385 1492 1769 2464 2760 2835 3705 3706 3707 3721
Leaf feeder	33	34	35	90 92 207 209 221 225 305 387 402 404 405 626 1208 1211 1212 1248 1250 1252 1254 1272 1274 1288 1399 1401 1404 1406 1408 1409 1410 1413 1415 1416 1418 1421 1479 1521 1547 1551 1557 1558 1560 1566 1627 1628 1632 1662 1663 1696 1719 1768 1777 1787 1928 1941 2007 2227 2231 2247 2278 2280 2284 2457 2459 2460 2467 2524 2626 2732 2735 2738 2739 2740 2743 2759 2765 2766 2767 2783 2829 2830 2831 2832 2833 2845 2846 2851 2852 2853 2854 2855 2856 2880 2886 2888 2889 2890 2891 2892 2893 2894 2895 2896 2897 2898 2899 2903 2907 2910 2911 2912 2913 2914 2915 2923 2924 2925 2961 2966 2997 3100 3101 3102 3649 3677 3678 3679 3685 3686 3687 3688 3742 3743 3776 3893 3902 3903 3904 3905 3907 3908 3916 3918 3919 3920 3921 3923 3925 3926 4153 4154 4155 4156 4157 4162 4163 4164 4165 4166 4190 4362 4363 4369 4378 4379 4382 4383 4385 4386 4397 4398 4402 4403 4405 4407 4408 4409 4411 4417 4420 4421 4426 4435 4436 4439 4440 4445 4449 4451 4452 4455 4456 4458 4472 4475 4586 4588 4590 4593 5647 5650 5712 5784 5883
Leaf miner	1400	1468	2751	2885 3161 3689 3690 3708 3924 4158 4159 4160 4161 4594 4859 4860 4861 5642
Leaf miner,leaf roller	4673			
Leaf rollers,tiers	1394			
Leaf,stem feeder	24	181	182	227 371 376 1749 1919 1935 2112 3906 4365 4370 4371 4399 4400 4401 4404 4433 4434 4443 4453 4465 4466 4468 4469
Leafroller	3681	3682	3683	
Parasite	1318	1334	1486	1487 1488 1493 1494 1497 1498 1499 1500 1501 1502 1503 1505 1507 1528 1536 1537
Plant disease vector	1703	2248	2926	2927
Pollen feeder	173			
Predator	5	7	9	11 19 26 115 164 308 322 326 473 622 710 727 837 838 844 845 951 1219 1233 1234 1237 1255 1270 1319 1320 1321 1323 1324 1342 1350 1351 1352 1355 1362 1373 1426 1440 1441 1442 1443 1444 1463 1668 1671 1728 1730 1742 1754 1859 1862 1863 2338 2388 2632 2641 3185 3459 5682
Pupal parasite	1538			
Root borer	421	3697		
Root feeder	722	1678	1853	2176 2778 3028 3754 5582 5606 5680
Root,stem borer	76	2744	2905	3747 5686 5794
Root,stem feeder	4377			
Root,stem,wood borer	1398			
Sap feeder	189	190	925	933 934 1003 1300 1302 1622 1633 1757 1940 2187 2310 2463 2466 2565 2599 2645 2708 2763 2768 2772 2773 2875 2876 2877 2881 2882 2906 2916 2917 3104 3105 3106 3107 3157 3168 3174 4077
Sap feeder: bark	4108			
Sap feeder: buds,leaves,shoots	5624			
Sap feeder: leaves	2056			
Sap feeder: leaves,limbs,twigs	2600			
Sap feeder: leaves,stems	5589			
Sap feeder: shoots	2157			
Saprophage	636	743	945	1119 1243 1244

1245 1246 1331 1335 1356 1358 1361 1424
 1431 1435 1449 1469 1470 1700 2527
 Scavenger 1428 1464 1465 4336 5882
 Seed feeder 1236 1277 3910
 Seed pod feeder 3822 3825 3827 3832
 Seed,seedling feeder 469
 Seedling,root feeder 1876
 Skeletonizer 78 386 1075 1076 2235 2357
 2358 2469 2625 3684 3712 4185 5695 5696
 5697
 Stem borer 1231 1357 1481 1610 2522 2688
 2771 2774 3769 3770 3771 3823 3824 3829
 3831 3896 3911 3912 3913 3914 3915 4007
 4425 5595 5692 5877
 Stem borer: dead stems 5620
 Stem feeder 243 247 1202 1953 2508 2654
 4372 4373 4374 4375 4384 4406 4410 4412
 4413 4419 4437 4459 4587 4591
 Termite 2762 4009 4010 5593 5881
 Wood borer 30 408 1232 1336 1339 1348
 1349 1384 1480 1543 1644 1645 1784 1807
 1828 2521 2545 2546 2547 2548 2549 2550

2592 2728 2730 2742 2761 2764 2822 2844
 2848 2902 3670 3671 3673 3674 3675 3764
 3765 3780 3781 3782 3783 3784 3786 3787
 3788 3789 3790 3791 3792 3793 3794 3795
 3796 3797 3798 3799 3800 3801 3802 3803
 3804 3805 3806 3807 3808 3809 3810 3811
 3812 3813 3814 3815 3816 3817 3818 3819
 3820 4170 4171 4172 4173 4178 4179 4180
 4181 4184 4223 4224 4225 4226 4227 4228
 4229 4230 4231 4289 4326 5580 5581 5629
 5651 5792 5843
 Wood borer,girdler 1541 1616 2736 2819
 2820 2821
 Wood borer: dead wood 1617 1641 1814
 3042 3047 4148 4177 4329 5627 5628 5656
 5751 5754
 Wood borer: dead,injured wood 1561 1569
 2692 4328 4331
 Wood borer: decayed wood 5825
 Wood borer: injured wood 3785
 Wood borer: live wood 410 416 2687 3696
 5641 5684 5706

Adult Guild to Insect Index

This index is organized alphabetically by insect guild. Numbers in this index are listing numbers found in the "Insect Listing."

Ambrosia beetle 4174 4175 4176 5707
 Animal disease vector 2834
 Aphid farmer 270 397 398 2552
 Bark beetle 411 1549 1612 1640 3672 3691
 3692 3693 3695 4167 4169 4187
 Bark feeder 3103
 Bark,leaf feeder 1561 1784 2742
 Blood feeder 1427 1430 1440 1700 2370
 Bud feeder,leaf perforator 2625
 Bud,flower feeder 859 1876 2313 5591
 Bud,flower,leaf feeder 41 3480 5585 5861
 Bud,leaf feeder 5866
 Bud,leaf,seed feeder 1235
 Bud,leaf,stem feeder 4692
 Bud,leaf,twig feeder 1558
 Bud,seed feeder 6 38 1667
 Cactus joint feeder 2774 3124
 Carrion feeder 1330
 Crown feeder 4471
 Crown,root,stem feeder 4376
 Dead stem borer 1188 3949
 Defoliator,seed eater 1793
 Ectoparasite,blood feeder 1428
 Epidermal feeder 3296
 Flower feeder 2 1384 1433 3894 3895 4336
 4387
 Flower,fruit feeder 2849 2850 5655
 Flower,fruit,leaf feeder 365
 Flower,leaf feeder 92 1238 2366 2521
 2736 3095 4414 4444 4460 4462
 Flower,leaf,stem feeder 4364 4393
 Fruit feeder 18 1119 3845 3950 3961
 Fruit,leaf feeder 2778
 Fungus feeder 1363 1366 1367
 Fungus feeder,saprophage 1273
 Gall former 466 505 723 725 953 1908
 1910 1913 2479 2480 2481 2737 2741
 Girdler 1541 1616 4148
 Leaf feeder 90 207 209 221 225 341 343
 404 626 1208 1211 1212 1248 1250 1252
 1254 1272 1274 1288 1405 1552 1557 1662
 1663 1719 1724 1853 1928 1941 2227 2247
 2284 2357 2358 2359 2626 2735 2740 2765
 2766 2767 2783 2829 2830 2831 2832 2833
 2845 2846 2851 2852 2853 2854 2855 2856
 2888 2889 2890 2891 2892 2893 2894 2895

2896 2897 2898 2899 2903 2924 2925 2961
 2966 3096 3097 3101 3102 3649 3676 3742
 3743 3893 3902 3903 3904 3905 3907 3908
 3916 3926 4288 4362 4363 4369 4388 4390
 4391 4392 4397 4398 4402 4403 4405 4407
 4408 4409 4411 4421 4423 4424 4425 4426
 4427 4435 4440 4445 4449 4451 4452 4586
 4588 4592 4593 5603 5680 5884
 Leaf perforator 78 1075 1076 2469
 Leaf,pollen,seed feeder 822
 Leaf,stem feeder 24 181 182 227 371 376
 1749 1919 1935 2112 3906 4365 4370 4371
 4389 4399 4400 4401 4404 4433 4434 4443
 4453 4465 4466 4468 4469
 Leafcutter bee 3729
 Nectar feeder 164 945 951 2388 3100
 Nectar,petal,pollen feeder 76 1074
 Nectar,pollen feeder 32 2904 3511 3715
 3716 3717 3718 3719 3722 3723 3724 3725
 3726 3731 3732 3822 3826 3830
 Oviposition damage 1231 1678
 Petal feeder 3720
 Plant disease vector 1703 2248 2926 2927
 Pollen feeder 421 1728 3052 3727
 Predator 5 7 11 19 26 115 322 326 473
 622 710 727 837 838 844 845 1219 1233
 1234 1255 1270 1318 1323 1324 1350 1351
 1352 1355 1362 1373 1441 1443 1444 1448
 1668 1671 1730 1742 1754 1859 1862 1863
 2338 2632 2641 3185 5682
 Root feeder 722 2176 5606
 Root,stem feeder 4377
 Sap feeder 189 190 925 933 934 1003 1300
 1302 1622 1633 1757 1940 2187 2310 2463
 2466 2565 2599 2645 2708 2768 2772 2773
 2875 2876 2877 2881 2882 2906 2916 2917
 3104 3105 3106 3107 3157 3168 3174 3730
 4077 5595 5877
 Sap feeder: bark 4108
 Sap feeder: buds,leaves,shoots 5624
 Sap feeder: leaves 2056
 Sap feeder: leaves,limbs,twigs 2600
 Sap feeder: leaves,stalks 5589
 Sap feeder: shoots 2157
 Saprophage 743 1243 1244 1245 1246 1331
 1356 1358 1361 2527
 Seed feeder 1236 1277 3728 3910
 Stem borer 3769 3896 3911
 Stem feeder 243 247 1953 2508 2654 4372
 4373 4374 4375 4406 4410 4412 4413 4437
 4467 4470 4587
 Termite 4009 4010 5593 5881
 Wood borer 1336 1389 1390 1543 4184 5581

SECTION IV: PLANT INFORMATION

Plant Listing

This listing contains plant information. See "Description of the Sections" for details about the information included in the listing. Items in the listing are organized numerically and are located using one of the two indexes that follow in this section.

- 1 *Acacia* spp. Mill. (Acacia) [Leguminosae]
- 2 *Acacia argustissima* (Mill.) O. Ktze. (Prairie acacia) [Leguminosae]
- 3 *Acacia constricta* Benth. (Mescal acacia) [Leguminosae]
- 4 *Acacia filicioides* (Fernleaf acacia) [Leguminosae]
- 5 *Acacia greggii* A. Gray (Catclaw acacia) [Leguminosae]
- 6 *Acacia senegal* (Gum arabic acacia) [Leguminosae]
- 7 *Acamptopappus* spp. A. Gray (Goldenhead) [Compositae]
- 8 *Acamptopappus sphaerocephalus* (Harv. & Gray) A. Gray (Rayless goldenhead) [Compositae]
- 9 *Acer* spp. L. (Maple) [Aceraceae]
- 10 *Acer glabrum douglassii* Torr. (Hook.) (Douglas rocky mountain maple) [Aceraceae]
- 11 *Acer grandidentatum* Nuttall (Bigtooth maple) [Aceraceae]
- 12 *Acer glabrum* Torr. (Dwarf maple) [Aceraceae]
- 13 *Acer ginnala* Maxim. (Amur maple, tatarian maple) [Aceraceae]
- 14 *Agave kaibabensis* McKelvey (Kaibab agave) [Amaryllidaceae]
- 15 *Alnus rhombifolia* Nutt. (White alder, Sierra alder) [Betulaceae]
- 16 *Alnus oblongifolia* Torrey (New Mexico alder) [Betulaceae]
- 17 *Agave* spp. (Agave) [Amaryllidaceae]
- 18 *Agave utahensis* Engelm. (Utah agave) [Amaryllidaceae]
- 19 *Agave parryi* Engelmann (Parry agave) [Amaryllidaceae]
- 20 *Alhagi* spp. [Leguminosae]

- 21 *Alhagi camelorum* (Camelthorn) [Leguminosae]
- 22 *Allenrolfea* spp. Kuntze (Pickleweed) [Chenopodiaceae]
- 23 *Allenrolfea occidentalis* (Wats.) Ktze. (Iodine bush) [Chenopodiaceae]
- 24 *Alnus* spp. B. Ehrh. (Alder) [Betulaceae]
- 25 *Amelanchier florida* (Pacific serviceberry) [Rosaceae]
- 26 *Ambrosia eriocentra* Gray (Payne) (Woolly bursage) [Compositae]
- 27 *Arctostaphylos parryana* Lemmon [Ericaceae]
- 28 *Ambrosia* spp. (Bursage) [Compositae]
- 29 *Ambrosia ambrosioides* (Cavanilles) Payne [Compositae]
- 30 *Ambrosia deltoidea* (Torrey) Payne [Compositae]
- 31 *Ambrosia dumosa* Gray (Payne) (White bursage, burroweed, sandbur) [Compositae]
- 32 *Amelanchier* spp. (Serviceberry) [Rosaceae]
- 33 *Amelanchier alnifolia* Nuttall (Saskatoon serviceberry) [Rosaceae]
Primary Use(s): Browse, edible fruits
Palatability: Moderate to high
- 34 *Amelanchier bakeri* [Rosaceae]
- 35 *Amelanchier goldiniana* [Rosaceae]
- 36 *Amelanchier mormonica* Schneider [Rosaceae]
- 37 *Amelanchier oreophila* A. Nels. (Mountain serviceberry) [Rosaceae]
- 38 *Amelanchier utahensis* Koehne (Utah serviceberry) [Rosaceae]
Primary Use(s): Browse, edible fruits
Palatability: High
- 39 *Amorpha* spp. (Amorpha) [Fabaceae]
- 40 *Amorpha californica* (California amorpha) [Fabaceae]
- 41 *Amorpha canescens* Pursh. (Leadplant amorpha) [Fabaceae]
- 42 *Amorpha fruticosa* L. (Indigo bush amorpha) [Fabaceae]
- 43 *Amphipappus* spp. (Chaff-bush) [Compositae]
- 44 *Amphipappus fremontii* [Compositae]
- 45 *Artemisia douglasiana* Bess. [Compositae]

- 46 *Alnus sinuata* (Regel) Rhydb.
[Betulaceae]
- 47 *Artemisia papposa* Blake & Cronq.
[Compositae]
- 48 *Arctostaphylos* spp. (Manzanita)
[Ericaceae] Primary Use(s): Small-mammal
food Palatability: Minimal
- 49 *Arctostaphylos menziesii* [Ericaceae]
- 50 *Arctostaphylos nevadensis* Gray
(Pinemat manzanita) [Ericaceae]
- 51 *Arctostaphylos patula* Greene
(Greenleaf manzanita) [Ericaceae]
- 52 *Arctostaphylos pungens* H.B.K.
(Paintleaf manzanita) [Ericaceae]
- 53 *Arctostaphylos uva-ursi* L.
(Bearberry, kinnikinnick) [Ericaceae]
- 54 *Artemisia* spp. (Sagebrush/Wormwood)
[Compositae]
- 55 *Artemisia arbuscula* Nutt. (Low
sagebrush) [Compositae] Primary Use(s):
Browse Palatability: Variable
- 56 *Artemisia bigelovii* (Bigelow
sagebrush) [Compositae] Primary Use(s):
Browse Palatability: High
- 57 *Artemisia cana* Pursh. (Silver
sagebrush) [Compositae] Primary Use(s):
Browse Palatability: High
- 58 *Artemisia longiloba* (Osterh.) Beetle
(Alkali sagebrush) [Compositae]
- 59 *Artemisia nova* A. Nelson (Black
sagebrush) [Compositae] Primary Use(s):
Browse, revegetation Palatability: High
- 60 *Artemisia pygmaea* Gray (Pygmy
sagebrush) [Compositae] Primary Use(s):
Ground Cover Palatability: Low
- 61 *Artemisia rigida* (Nutt.) Gray (Stiff or
scabland sagebrush) [Compositae] Primary
Use(s): Ground Cover Palatability: Low
- 62 *Artemisia rothrockii* Gray (Timberline
sagebrush) [Compositae] Primary Use(s):
Browse Palatability: High
- 63 *Artemisia tridentata* Nuttall (Big
sagebrush) [Compositae] Primary Use(s):
Browse Palatability: High
- 64 *Artemisia tridentata tridentata* Nutt.
(Basin big sagebrush) [Compositae]
- 65 *Artemisia tridentata wyomingensis*
Beetle & Young (Wyoming big sagebrush)
[Compositae]
- 66 *Artemisia tridentata vaseyana*
(Rydb.) Beetle (Mountain big sagebrush)
[Compositae]
- 67 *Artemisia tripartita* Rydberg (Threetip
sagebrush) [Compositae] Palatability:
Low
- 68 *Artemisia abrotanum* L. (Oldman
wormwood) [Compositae] Primary Use(s):
Variable Palatability: Variable
- 69 *Artemisia absinthium* (Common wormwood)
[Compositae] Primary Use(s): Variable
Palatability: Variable
- 70 *Artemisia frigida* Willd. (Fringed
sagebrush) [Compositae] Primary Use(s):
Browse, revegetation Palatability:
Variable
- 71 *Artemisia carruthii* Wood ex Carruth
(Carruth sagebrush) [Compositae]
- 72 *Artemisia longifolia* Nutt. (Longleaf
or alkali sagebrush) [Compositae]
Primary Use(s): Revegetation
Palatability: Minimal
- 73 *Artemisia ludoviciana* Nuttall
(Louisiana sagebrush) [Compositae]
- 74 *Artemisia michauxiana* Besser (Michaux
sagebrush) [Compositae]
- 75 *Artemisia dracunculus* Pursh.
(Tarragon) [Compositae]
- 76 *Artemisia filifolia* Torr. (Sand
sagebrush) [Compositae] Primary Use(s):
Browse Palatability: Variable
- 77 *Artemisia pedatifida* (Birdfoot
sagebrush) [Compositae]
- 78 *Artemisia spinescens* (Bud sagebrush)
[Compositae]
- 79 *Atriplex* spp. (Saltbush)
[Chenopodiaceae]
- 80 *Atriplex acanthocarpa* [Chenopodiaceae]
- 81 *Atriplex aptera* A. Nels.
[Chenopodiaceae]
- 82 *Atriplex bonevillensis* C.A. Hanson
[Chenopodiaceae]
- 83 *Atriplex canescens* (Pursh) Nutt.
(Fourwing saltbush) [Chenopodiaceae]
- 84 *Atriplex confertifolia* (Torr. &
Frem.) Wats. (Shadscale) [Chenopodiaceae]
- 85 *Atriplex corrugata* S. Wats. (Mat
saltbush) [Chenopodiaceae]
- 86 *Atriplex cuneata* (Nelson) H. & C.
(Castle valley clover) [Chenopodiaceae]
- 87 *Atriplex falcata* Standley
[Chenopodiaceae]

- 88 *Atriplex gardneri* (Mog.) Hull & Clements (Gardner saltbush) [Chenopodiaceae]
- 89 *Atriplex garrettii* Rydb. (Garrett saltbush) [Chenopodiaceae]
- 90 *Atriplex hymenelytra* (Desertholly saltbush) [Chenopodiaceae]
- 91 *Atriplex laciniata* [Chenopodiaceae]
- 92 *Atriplex lentiformis* (Torrey) Watson (Big saltbush) [Chenopodiaceae]
- 93 *Atriplex linearis* S. Watson [Chenopodiaceae]
- 94 *Atriplex navajoensis* C.A. Hanson [Chenopodiaceae]
- 95 *Atriplex obovata* Moq. (Broadscale saltbush) [Chenopodiaceae]
- 96 *Atriplex polycarpa* (Torrey) Watson (Cattle saltbush) [Chenopodiaceae]
- 97 *Atriplex tridentata* O. Ktze. [Chenopodiaceae]
- 98 *Atriplex argentea* Nuttall (Silverscale) [Chenopodiaceae]
- 99 *Baccharis* spp. (*Baccharis*) [Compositae]
- 100 *Baccharis emoryi* A. Gray (Emory baccharis) [Compositae]
- 101 *Baccharis glutinosa* Pursh. (Seepwillow baccharis) [Compositae]
- 102 *Baccharis pilularis* DeCandolle (Kidneywort baccharis) [Compositae]
- 103 *Baccharis sarothroides* (Broom baccharis) [Compositae]
- 104 *Baccharis sergiloides* Gray (Squaw baccharis) [Compositae]
- 105 *Baccharis viminea* (Mulefat baccharis) [Compositae]
- 106 *Bebbia* spp. (*Bebbia*) [Compositae]
- 107 *Bebbia juncea* (Rush bebbia) [Compositae]
- 108 *Berberis* spp. (= *Mahonia* spp.) (Barberry) [Berberidaceae]
- 109 *Berberis aquifolium* Pursh (Shining barberry, Oregon grape) [Berberidaceae]
- 110 *Mahonia fremontii* (Torr.) Fedde (Fremont barberry) [Berberidaceae]
- 111 *Berberis haematocarpa* Watson (Red barberry) [Berberidaceae]
- 112 *Mahonia repens* (Lindl.) G. Don (Creeping barberry) [Berberidaceae]
- 113 *Bernardia* spp. (*Bernardia*) [Euphorbiaceae]
- 114 *Bernardia incana* Morton [Euphorbiaceae]
- 115 *Betula* spp. L. (Birch) [Betulaceae]
- 116 *Betula glandulosa* Hook. (Bog birch) [Betulaceae]
- 117 *Betula occidentalis* Hook. (Water birch) [Betulaceae]
- 118 *Atriplex parryi* S. Watson (Parry saltbush) [Chenopodiaceae]
- 119 *Betula verrucosa* [Betulaceae]
- 120 *Brickellia* spp. (*Brickellia*) [Compositae]
- 121 *Brickellia amplexicanlis* Robinson [Compositae]
- 122 *Brickellia betonicaefolia* Gray [Compositae]
- 123 *Brickellia californica* (T. & G.) Gray (California brickellia) [Compositae]
- 124 *Brickellia coulteri* Gray [Compositae]
- 125 *Brickellia grandifolia* (Tasselflower brickellia) [Compositae]
- 126 *Brickellia lemmonii* Gray [Compositae]
- 127 *Brickellia microphylla* Gray (Littleleaf brickellia) [Compositae]
- 128 *Brickellia rusbyi* A. Gray [Compositae]
- 129 *Brickellia simplex* Gray [Compositae]
- 130 *Buddleia* spp. (Butterflybush) [Loganiaceae]
- 131 *Buddleia utahensis* Coville (Utah butterflybush) [Loganiaceae]
- 132 *Atriplex welshii* C.A. Hanson (Welsh saltbrush) [Chenopodiaceae]
- 133 *Atriplex pleiantha* W.A. Weber [Chenopodiaceae]
- 134 *Atriplex torreyi* (Watson) Watson [Chenopodiaceae]
- 135 *Atriplex truncata* A. Gray (Wedgescale saltbrush) [Chenopodiaceae]
- 136 *Canotia* spp. (*Canotia*) [Canotiaceae]
- 137 *Canotia holocantha* (Mojave canotia) [Canotiaceae]

- 138 *Carnegiea* spp. (Britton & Rose)
(Saguaro) [Cactaceae]
- 139 *Carnegiea gigantea*
(Engelm.) Britt & Rose (Giant saguaro)
[Cactaceae]
- 140 *Caragana arborescens* Lam. (Siberian
peashrub) [Fabaceae]
- 141 *Caragana arborescens pygmaea* (Pygmy
peashrub) [Fabaceae]
- 142 *Cassia* spp. (Senna, coffeeweed)
[Leguminosae]
- 143 *Cassia armata* (Desert senna)
[Leguminosae]
- 144 *Cassia covesii* Gray (Hairy senna)
[Leguminosae]
- 145 *Cassiope* spp. (Cassiope) [Ericaceae]
- 146 *Cassiope mertensiana* [Ericaceae]
- 147 *Cassiope mertensiana mertensiana*
(Mertens cassiope) [Ericaceae]
- 148 *Cassiope mertensiana gracilis* Piper
[Ericaceae]
- 149 *Ceanothus* spp. L. (Ceanothus)
[Rhamnaceae]
- 150 *Ceanothus arboreus* Greene (Feltleaf
ceanothus) [Rhamnaceae]
- 151 *Ceanothus californicus* Kellogg
(California ceanothus) [Rhamnaceae]
- 152 *Ceanothus fendleri* A. Gray (Fendler
ceanothus) [Rhamnaceae]
- 153 *Ceanothus greggii* Gray (Mojave desert
ceanothus) [Rhamnaceae]
- 154 *Ceanothus integerrimus* (Deerbrush
ceanothus) [Rhamnaceae]
- 155 *Ceanothus martinii* M.E. Jones (Martin
ceanothus) [Rhamnaceae]
- 156 *Ceanothus prostratus* Benth
(Squawcarpet ceanothus) [Rhamnaceae]
- 157 *Ceanothus sanguineus* (Redstem
ceanothus) [Rhamnaceae]
- 158 *Ceanothus thyrsiflorus* Eschsch.
(Blueblossom ceanothus) [Rhamnaceae]
- 159 *Ceanothus velutinus* Dougl. (Snowbrush
ceanothus) [Rhamnaceae]
- 160 *Celtis* spp. L. (Hackberry) [Ulmaceae]
- 161 *Celtis pallida* Torr. (Spiny
hackberry) [Ulmaceae]
- 162 *Ceratoides* spp. (Winterfat)
[Chenopodiaceae]
- 163 *Ceratoides lanata* (Pursh.) J.T. Howell
(Common winterfat) [Chenopodiaceae]
Primary Use(s): Browse, forage
Palatability: High
- 164 *Cercidium* spp. Tulasne (Paloverde)
[Leguminosae]
- 165 *Ayenia* spp. (Ayenia) [Sterculiaceae]
- 166 *Cercidium microphyllum*
(Torr.) Rose & Johnst. (Littleleaf
paloverde) [Leguminosae]
- 167 *Cercis* spp. Linnaeus (Redbud)
[Zygophyllaceae]
- 168 *Cercis occidentalis* Torr. ex Gray
(California redbud) [Zygophyllaceae]
- 169 *Cercocarpus* spp. H.B.K. (Mountain
mahogany) [Rosaceae] Primary Use(s):
Browse Palatability: High
- 170 *Cercocarpus intricatus* S. Wats.
(Littleleaf mountain mahogany) [Rosaceae]
Primary Use(s): Browse Palatability:
High
- 171 *Cercocarpus ledifolius* Nutt.
(Curlleaf mountain mahogany) [Rosaceae]
Primary Use(s): Browse Palatability:
High
- 172 *Cercocarpus montanus* Raf. (True
mountain mahogany) [Rosaceae] Primary
Use(s): Browse Palatability: High
- 173 *Chamaebatiaria* spp. [Rosaceae]
- 174 *Chamaebatiaria millefolium*
(Desertsweet) [Rosaceae]
- 175 *Chilopsis* spp. (Desert willow)
[Bigoniaceae]
- 176 *Chilopsis linearis* (Desert willow)
[Bigoniaceae]
- 177 *Chrysothamnus albidus* Greene (Alkali
rabbitbrush) [Compositae] Primary
Use(s): Ground Cover Palatability: None
- 178 *Chrysothamnus depressus* Nutt. (Dwarf
rabbitbrush) [Compositae] Primary
Use(s): Browse, revegetation
Palatability: High
- 179 *Chrysothamnus Greenei* Greene (Greenes
rabbitbrush) [Compositae]
- 180 *Chrysothamnus linifolius* Greene
(Spreading rabbitbrush) [Compositae]
Primary Use(s): Soil stabilization
Palatability: None
- 181 *Chrysothamnus nauseosus*
(Pallas) Britt. (Rubber rabbitbrush)
[Compositae] Primary Use(s): Soil
stabilization Palatability: Variable

- 182 *Chrysothamnus nauseosus albicaulis* Rydb. (White rubber rabbitbrush) [Compositae]
- 183 *Chrysothamnus nauseosus salicifolius* Hall (Mountain rubber rabbitbrush) [Compositae]
- 184 *Chrysothamnus nauseosus graveolens* Hall & Clements (Green rubber rabbitbrush) [Compositae]
- 185 *Chrysothamnus nauseosus consimilis* (Threadleaf rubber rabbitbrush) [Compositae]
- 186 *Chrysothamnus parryi* (Gray) Greene (Parry rabbitbrush) [Compositae] Primary Use(s): Browse, stabilization Palatability: Low
- 187 *Chrysothamnus parryi parryi* (Parry rabbitbrush) [Compositae]
- 188 *Chrysothamnus parryi attenuatus* (M.E. Jones) Kittell [Compositae]
- 189 *Chrysothamnus parryi howardi* (Parry) Kittell (Howard rabbitbrush) [Compositae]
- 190 *Chrysothamnus parryi nevadensis* (A. Gray) Kittell (Nevada rabbitbrush) [Compositae]
- 191 *Chrysothamnus viscidiflorus* (Hooker) Nuttall (Douglas rabbitbrush) [Compositae] Primary Use(s): Browse Palatability: High
- 192 *Chrysothamnus viscidiflorus viscidiflorus* (Stickyleaf low rabbitbrush) [Compositae]
- 193 *Chrysothamnus viscidiflorus lanceolatus* (Nutt.) H. & C. (Mountain low rabbitbrush) [Compositae]
- 194 *Chrysothamnus viscidiflorus puberulus* Hall & Clements (Hairy low rabbitbrush) [Compositae]
- 195 *Chrysothamnus viscidiflorus stenophyllus* Hall & Clements (Narrowleaf low rabbitbrush) [Compositae]
- 196 *Clematis* spp. (Virginsbower) [Ranunculaceae]
- 197 *Clematis ligusticifolia* Nutt. (Western virginsbower) [Ranunculaceae]
- 198 *Clematis ligusticifolia ligusticifolia* (Western virginsbower) [Ranunculaceae]
- 199 *Clematis psuedoalpina* A. Nels. (Rocky Mountain clematis) [Ranunculaceae]
- 200 *Coleogyne* spp. (Blackbrush) [Rosaceae]
- 201 *Coleogyne ramosissima* Torr. (Blackbrush) [Rosaceae]
- 202 *Colutea* spp. (Bladdersenna) [Fabaceae]
- 203 *Colutea arborescens* L. (Common bladdersenna) [Fabaceae]
- 204 *Colutea istria* (Mediterranean bladdersenna) [Fabaceae]
- 205 *Condalia* spp. Cav. (Condalia) [Rhamnaceae]
- 206 *Condalia lycioides* Weberb. [Rhamnaceae]
- 207 *Condalia lycioides lygcioides* (Southwestern desert condalia) [Rhamnaceae]
- 208 *Condalia lycioides canescens* Trelease [Rhamnaceae]
- 209 *Cornus* spp. Linnaeus (Dogwood) [Cornaceae]
- 210 *Cornus stolonifera* Michx. (Redosier dogwood) [Cornaceae]
- 211 *Cornus stolonifera stolonifera* (Redosier dogwood) [Cornaceae]
- 212 *Ayenia pusila* Griseb. (Dwarf ayenia) [Sterculiaceae]
- 213 *Cornus stolonifera occidentalis* (Torr. & Gray) C.L. Hitchc. (Western dogwood) [Cornaceae]
- 214 *Corylus* spp. (Filbert) [Corylaceae]
- 215 *Corylus californica* Rose (California filbert) [Corylaceae]
- 216 *Coryphantha* spp. (Coryphantha) [Cactaceae]
- 217 *Coryphantha vivipara* Britton & Rose [Cactaceae]
- 218 *Cowania* spp. D. Don (Cliffrose) [Rosaceae]
- 219 *Cowania mexicana* D. Don (Mexican cliffrose) [Rosaceae]
- 220 *Cowania mexicana stansburiana* (Torr.) Jepson (Stansbury cliffrose) [Rosaceae] Primary Use(s): Browse Palatability: High
- 221 *Coursetia* spp. (Coursetia) [Leguminosae]
- 222 *Coursetia microphylla* [Leguminosae]
- 223 *Cylindropuntia* spp. (Cholla) [Cactaceae]

- 224 *Dalea* spp. Linnaeus (*Dalea*)
[Leguminosae]
- 225 *Dalea albiflora* Gray [Leguminosae]
- 226 *Dalea arborescens* Torr. (Mojave dalea) [Leguminosae]
- 227 *Dalea formosa* Torr. (Feather dalea) [Leguminosae]
- 228 *Dalea fremontii* Torr. (Fremont dalea) [Leguminosae]
- 229 *Dalea parryi* Torr. & Gray (Parry dalea) [Leguminosae]
- 230 *Dalea polyadenia* Torr. (Nevada dalea) [Leguminosae]
- 231 *Dryas* spp. (Dryad) [Rosaceae]
- 232 *Dryas octopetala* Linnaeus [Rosaceae]
- 233 *Dryas octopetala angustifolia* C.L. Hitchcock [Rosaceae]
- 234 *Dryas octopetala hookeriana* (Juzepczuk) Hulten (Mt. Washington dryad) [Rosaceae]
- 235 *Echinocactus* spp. (Barrel cactus) [Cactaceae]
- 236 *Echinocactus acanthodes* Lem. (Barrel cactus) [Cactaceae]
- 237 *Echinocactus polycephalus* [Cactaceae]
- 238 *Echinocactus polycephalus xeranthemoides* Coult. (Cottontop echinocactus) [Cactaceae]
- 239 *Echinocereus* spp. (Hedgehog cactus) [Cactaceae]
- 240 *Echinocereus triglochidiatus* (Claret cup hedgehog) [Cactaceae]
- 241 *Elaeagnus* spp. L. (*Elaeagnus*) [Elaeagnaceae]
- 242 *Elaeagnus angustifolia* L. (Russian-olive) [Elaeagnaceae]
- 243 *Ephedra* spp. (*Ephedra*) [Ephedraceae]
- 244 *Ephedra nevadensis* (Nevada ephedra) [Ephedraceae]
- 245 *Ephedra torreyana* Wats. (Torrey ephedra) [Ephedraceae]
- 246 *Ephedra trifurca* (Longleaf ephedra) [Ephedraceae]
- 247 *Ephedra viridis* Coville (Green ephedra) [Ephedraceae]
- 248 *Eriodictyon* spp. (Yerba-santa) [Hydrophyllaceae]
- 249 *Eriodictyon angustifolium* Nuttall (Narrowleaf yerba-santa) [Hydrophyllaceae]
- 250 *Eriogonum* spp. (Wild buckwheat) [Polygonaceae]
- 251 *Eriogonum corymbosum* Benth (Corymb wildbuckwheat) [Polygonaceae]
- 252 *Eriogonum fasciculatum* Benth (California flattop buckwheat) [Polygonaceae]
- 253 *Eriogonum leptocladon* Torr. & Gray [Polygonaceae]
- 254 *Eriogonum microthecum* (Slenderbrush eriogonum) [Polygonaceae]
- 255 *Eriogonum umbellatum* (Sulfur wild buckwheat) [Polygonaceae]
- 256 *Eriogonum wrightii* Torr. (Wright eriogonum) [Polygonaceae]
- 257 *Eysenhardtia* spp. Humboldt (*Eysenhardtia*) [Leguminosae]
- 258 *Eysenhardtia polystachya* (Ort.) Sarg. (Kidneywood) [Leguminosae]
- 259 *Fallugia* spp. (Apacheplume) [Rosaceae]
- 260 *Fallugia paradoxa* (Don) Endl. (Common apacheplume) [Rosaceae] Primary Use(s): Browse Palatability: Low to moderate
- 261 *Fendlera* spp. (Fendlerbush) [Philadelphaceae]
- 262 *Fendlera rupicola* (Cliff fendlerbush) [Philadelphaceae]
- 263 *Forestiera* spp. Poir. (*Forestiera*) [Oleaceae]
- 264 *Forestiera neomexicana* A. Gray (Desert olive) [Oleaceae]
- 265 *Franseria* spp. (=Ambrosia) (Ambrosia) [Compositae]
- 266 *Berberis repens* Lindl. (Creeping barberry) [Berberidaceae]
- 267 *Berberis fremontii* Torr. (Fremont barberry) [Berberidaceae]
- 268 *Ribes sanguineum* (California red-flowering currant) [Saxifragaceae]
- 269 *Crataegus carrierei* [Rosaceae]
- 270 *Garrya* spp. Dougl. (Silktassel) [Garryaceae]
- 271 *Garrya wrightii* (Wright silktassel) [Garryaceae]

- 272 *Gaultheria* spp. (Honeylocust)
[Ericaceae]
- 273 *Gaultheria humifusa* Rydb. (Western honeylocust, W. wintergreen) [Ericaceae]
- 274 *Betula papyrifera* Marsh. (Paper birch) [Betulaceae]
- 275 *Brickellia atractyloides* Gray (Spiny brickellia) [Compositae]
- 276 *Glossopetalon* spp. (Greasebush)
[Celastraceae]
- 277 *Glossopetalon meionandra* Koehne
[Celastraceae]
- 278 *Glossopetalon nevadensis* (Nevada greasebush) [Celastraceae]
- 279 *Glossopetalon spinescens* Gray (Spiny greasebush) [Celastraceae]
- 280 *Grayia* spp. (Hopsage)
[Chenopodiaceae]
- 281 *Grayia brandegei* A. Gray (Spineless hopsage) [Chenopodiaceae]
- 282 *Grayia spinosa* Moq. (Spiny hopsage)
[Chenopodiaceae]
- 283 *Gutierrezia* spp. (Snakeweed)
[Compositae]
- 284 *Gutierrezia californica* Torr. & Gray
(California snakeweed) [Compositae]
- 285 *Gutierrezia sarothrae* (Pursh) Britt. & Rusby (Broom snakeweed, broomweed)
[Compositae] Primary Use(s): Soil stabilization Palatability: Low or poisonous
- 286 *Halliophytum* spp. I.M. Johnston
(Chuckawalabush) [Euphorbiaceae]
- 287 *Halliophytum hallii* I.M. Johnston
(Halls chuckawalabush) [Euphorbiaceae]
- 288 *Holodiscus* spp. (Oceanspray)
[Rosaceae]
- 289 *Holodiscus discolor* Maxim.
(Rockspirea, oceanspray, hardhack)
[Rosaceae]
- 290 *Holodiscus dumosus* (Nutt.) Heller
(Bush ocean-spray) [Rosaceae]
- 291 *Hymenoclea* spp. (Burrobrush)
[Compositae]
- 292 *Hymenoclea monogyra* (Singlewhorl burrobrush) [Compositae]
- 293 *Hymenoclea pentalepis* Rydb.
[Compositae]
- 294 *Hymenoclea salsola* (White burrobrush)
[Compositae]
- 295 [Record Deleted]
- 296 [Record Deleted]
- 297 *Hyptis* spp. (Bushmint) [Labiatae]
- 298 *Hyptis emoryi* Torr. (Emory bushmint)
[Labiatae]
- 299 *Indigofera* spp. (Indigofera)
[Leguminosae]
- 300 *Indigofera sphaerocarpa* A. Gray
(Sonora indigofera) [Leguminosae]
- 301 *Jamesia* spp. (Jamesia)
[Philadelphaceae]
- 302 *Jamesia americana* Torr. & Gray
[Philadelphaceae]
- 303 *Jamesia americana americana* (Cliff jamesia) [Philadelphaceae]
- 304 *Jamesia americana californica* Jepson
(California cliff jamesia)
[Philadelphaceae]
- 305 *Janusia* spp. (Janusia)
[Malphiaceae]
- 306 *Janusia gracilis* Gray (Slender janusia) [Malphiaceae]
- 307 *Brickellia frutescens* Gray (Rigid brickellia) [Compositae]
- 308 *Brickellia desertorum* Coville (Desert brickellia) [Compositae]
- 309 *Juniperus* spp. Linnaeus (Juniper)
[Cupressaceae]
- 310 *Juniperus communis* Linnaeus (Mountain common juniper) [Cupressaceae]
- 311 *Brickellia incana* Gray (White brickellia) [Compositae]
- 312 *Juniperus osteosperma* (=J. utahensis) (Torr.) Little (Utah juniper)
[Cupressaceae]
- 313 *Brickellia longifolia* Watson
(Longleaf brickellia) [Compositae]
- 314 *Kalmia* spp. (Laurel) [Ericaceae]
- 315 *Kalmia polifolia* [Ericaceae]
- 316 *Kalmia polifolia microphylla* (Hooker) Cald. & Tayl. (Alpine bog kalmia)
[Ericaceae]
- 317 *Kochia* spp. (Summer cypress)
[Chenopodiaceae]
- 318 *Kochia americana* S. Wats. (Desert molly) [Chenopodiaceae]
- 319 *Brickellia oblongifolia* Nuttall
[Compositae]

- 320 *Brickellia multiflora* Kellogg (Inyo brickellia) [Compositae]
- 321 *Krameria* spp. (*Krameria*) [Krameriaceae]
- 322 *Krameria glandulosa* Rose & Painter (Range krameria) [Krameriaceae]
- 323 *Krameria grayi* Rose & Painter (Grays krameria) [Krameriaceae]
- 324 *Krameria parvifolia* (Littleleaf krameria) [Krameriaceae]
- 325 *Larrea* spp. Vail (Creosotebush) [Zygophyllaceae]
- 326 *Larrea tridentata* tridentata [Zygophyllaceae]
- 327 *Larrea tridentata* Cav. (Coville creosotebush) [Zygophyllaceae]
- 328 *Ledum* spp. (*Ledum*) [Ericaceae]
- 329 *Ledum glandulosum* (Western ledum) [Ericaceae]
- 330 *Buddleia davidi* (Orange-eye butterflybush) [Loganiaceae]
- 331 *Brickellia watsonii* Robinson (Watson brickellia) [Compositae]
- 332 *Lonicera* spp. Linnaeus (Honeysuckle) [Caprifoliaceae]
- 333 *Lonicera hispidula* (California honeysuckle) [Caprifoliaceae]
- 334 *Lonicera involucrata* (Rich.) Banks (Bearberry, bush honeysuckle) [Caprifoliaceae]
- 335 *Lonicera utahensis* Watson (Utah honeysuckle) [Caprifoliaceae]
- 336 *Lycium* spp. (Wolfberry) [Solanaceae]
- 337 *Lycium andersonii* Gray (Anderson wolfberry) [Solanaceae]
- 338 *Lycium berlandieri* Dun. [Solanaceae]
- 339 *Lycium exsertum* Gray [Solanaceae]
- 340 *Lycium fremontii* Gray (Fremont wolfberry) [Solanaceae]
- 341 *Lycium pallidum* Miers (Pale wolfberry) [Solanaceae]
- 342 *Lycium torreyi* Gray (Torrey wolfberry) [Solanaceae]
- 343 *Ceanothus lemmoni* Parry (Lemmon ceanothus) [Rhamnaceae]
- 344 *Buddleia hartwegi* [Loganiaceae]
- 345 *Ceanothus cordulatus* Kellogg (Mountain whitethorn ceanothus) [Rhamnaceae]
- 346 *Ceanothus cuneatus* (Wedgeleaf ceanothus, buckbrush) [Rhamnaceae]
Primary Use(s): Browse Palatability: High
- 347 *Mahonia* spp. (=Berberis spp.) (barberry) [Berberidaceae]
- 348 *Menodora* spp. (*Menodora*) [Oleaceae]
- 349 *Menodora spinescens* (Spiny menodora) [Oleaceae]
- 350 *Menziesia* spp. J.E. Smith (*Menziesia*) [Ericaceae]
- 351 *Menziesia ferruginea* (Rusty menziesia) [Ericaceae]
- 352 *Celtis reticulata* Torr. (Netleaf hackberry) [Ulmaceae]
- 353 *Ceanothus lorenzenii* (Jepson)McMinn. [Rhamnaceae]
- 354 *Celtis douglasii* (Douglas hackberry) [Ulmaceae]
- 355 *Celtis occidentalis* (Common hackberry) [Ulmaceae]
- 356 *Cercocarpus betuloides* Nuttall (Birchleaf mountain mahogany) [Rosaceae]
- 357 *Atriplex semibaccata* R. Br. (Australian saltbrush) [Chenopodiaceae]
- 358 *Neollydia* spp. (Button cactus) [Cactaceae]
- 359 *Neollydia johnsonii* [Cactaceae]
- 360 *Opuntia* spp. (Pricklypear) [Cactaceae]
- 361 *Opuntia acanthocarpa* Engelmann & Bigelow (Buckhorn cholla) [Cactaceae]
- 362 *Opuntia basilaris* Engelmann (Beavertail pricklypear) [Cactaceae]
- 363 *Opuntia echinocarpa* Engelmann & Bigelow (Strawtop pricklypear) [Cactaceae]
- 364 *Opuntia ficus indicus* (L.)Miller (Indianfig) [Cactaceae]
- 365 *Opuntia fragilis* (Brittle pricklypear) [Cactaceae]
- 366 *Opuntia inermis* DeCandolle [Cactaceae]
- 367 *Opuntia phaeacantha* Engelmann (Purple-fruited pricklypear) [Cactaceae]

- 368 *Opuntia polyacantha* Haworth (Plains pricklypear) [Cactaceae]
- 369 *Opuntia pulchella* Engelm [Cactaceae]
- 370 *Opuntia tuna* (Tuna opuntia) [Cactaceae]
- 371 *Pachistima* spp. (*Pachistima*) [Celastraceae]
- 372 *Pachistima myrsinites* (Myrtle pachistima) [Celastraceae]
- 373 *Pediocactus* spp. (*Pediocactus*) [Cactaceae]
- 374 *Pediocactus simpsonii* Britton & Rose (Plains cactus) [Cactaceae]
- 375 *Peraphyllum* spp. (*Peraphyllum*) [Rosaceae]
- 376 *Peraphyllum ramosissimum* Nutt. (Squaw-apple) [Rosaceae] Primary Use(s): Browse, edible fruits Palatability: Moderate
- 377 *Peucephyllum* spp. (*Sprucebush*) [Compositae]
- 378 *Peucephyllum schottii* (Schotts sprucebush) [Compositae]
- 379 *Chrysothamnus humilis* Greene (Depauperate rabbitbrush) [Compositae]
- 380 *Philadelphus* spp. Linnaeus (Mockorange) [Philadelphaceae]
- 381 *Philadelphus argyrocalyx* Wooton [Philadelphaceae]
- 382 *Philadelphus microphyllus* Gray (Littleleaf mockorange) [Philadelphaceae]
- 383 *Phyllodoce* spp. (Mountainheath) [Ericaceae]
- 384 *Phyllodoce empetrifolia* (Red mountainheath) [Ericaceae]
- 385 *Phyllodoce glanduliflora* (Hooker) Coville (Cream mountainheath) [Ericaceae]
- 386 *Physocarpus* spp. Maxim. (Ninebark) [Rosaceae]
- 387 *Physocarpus malvaceus* (Greene) Kuntze (Mallow ninebark) [Rosaceae]
- 388 *Chrysothamnus viscidiflorus latifolius* (D.C. Eat.) Rydb. [Compositae]
- 389 *Chrysothamnus nauseosus* (Hall & Clements) (Rubber rabbitbrush) [Compositae]
- 390 *Ceanothus sorediatus* (Mountain lilac) [Rhamnaceae]
- 391 *Platyopuntia* spp. (*Platyopuntia*) [Cactaceae]
- 392 *Pluchea* spp. (*Pluchea*) [Compositae]
- 393 *Pluchea sericea* Coville (Marsh fleabane) [Compositae]
- 394 *Poliomintha* spp. (*Rosemarymint*) [Labiatae]
- 395 *Poliomintha incana* (Hoary rosemarymint) [Labiatae]
- 396 *Polygala* spp. (*Polygala*) [Polygalaceae]
- 397 *Polygala acanthoclada* (Thorn polygala) [Polygalaceae]
- 398 *Polygala subspinoso* (Spiny polygala) [Polygalaceae]
- 399 *Clematis brevicaudata* (Shortplume clematis) [Ranunculaceae]
- 400 *Chrysothamnus pulchellus* Greene (Southwest rabbitbrush) [Compositae]
- 401 *Chrysothamnus teretifolius* Hall (Roundleaf rabbitbrush) [Compositae]
- 402 *Chrysothamnus vaseyi* (Gray) Greene (Vasey rabbitbrush) [Compositae] Primary Use(s): Browse Palatability: Low
- 403 *Clematis aurea* [Ranunculaceae]
- 404 *Potentilla* spp. (*Cinquefoil*) [Rosaceae]
- 405 *Potentilla fruticosa* L. (Bush cinquefoil) [Rosaceae]
- 406 *Prosopis* spp. (*Mesquite*) [Leguminosae]
- 407 *Prosopis glandulosa* Torr. (Honey mesquite) [Leguminosae]
- 408 *Prosopis juliflora* (Swartz) DeCandolle (Mesquite) [Leguminosae] Primary Use(s): Forage Palatability: High
- 409 *Prosopis pubescens* (Screwbean mesquite) [Leguminosae]
- 410 *Prosopis velutina* Wooton (Velvet mesquite) [Leguminosae]
- 411 *Prunus* spp. (*Cherry*) [Rosaceae]
- 412 *Prunus fesciculata* (Desert peach) [Rosaceae]
- 413 *Prunus emarginata* (Douglas) Walpers (Bitter cherry) [Rosaceae]
- 414 *Prunus virens* [Rosaceae]
- 415 *Prunus virginiana* Linnaeus (Western common chokecherry) [Rosaceae]

- 416 *Clematis missouriensis* Rydb. [Ranunculaceae]
- 417 *Clematis columbiana* Torr. & Gray (Columbian clematis) [Ranunculaceae]
- 418 *Clematis hirsutissima* Pursh [Ranunculaceae]
- 419 *Cotoneaster integerrima* (European cotoneaster) [Rosaceae]
- 420 *Cotoneaster acutifolia* (Peking cotoneaster) [Rosaceae]
- 421 *Ptelea* spp. Linnaeus (Hoptree, shrubby trefoil) [Rutaceae]
- 422 *Ptelea baldwinii* (Baldwin hoptree) [Rutaceae]
- 423 *Ptelea pallida* Greene (Pale hoptree) [Rutaceae]
- 424 *Ptelea trifoliata* Linnaeus (Common hoptree) [Rutaceae]
- 425 *Purshia* spp. (Bitterbrush) [Rosaceae]
- 426 *Purshia glandulosa* Curran (Desert bitterbrush) [Rosaceae] Primary Use(s): Browse Palatability: Moderate to high
- 427 *Purshia tridentata* (Pursh) DeCandolle (Antelope bitterbrush) [Rosaceae] Primary Use(s): Browse Palatability: High
- 428 *Quercus* spp. (Oak) [Fagaceae] Primary Use(s): Browse, edible fruits Palatability: High
- 429 *Quercus arizonica* Sarg. (Arizona white oak) [Fagaceae]
- 430 *Quercus dumosa* Nuttall (California shrub oak, C. scrub oak) [Fagaceae]
- 431 *Quercus emoryi* Torr. (Emory oak) [Fagaceae]
- 432 *Quercus gambelii* Nutt. (Gambel oak) [Fagaceae]
- 433 *Quercus grisea* Liebm. (Gray oak) [Fagaceae]
- 434 *Quercus havardi* Rydb. (Havard oak) [Fagaceae]
- 435 *Quercus hypoleucoides* [Fagaceae]
- 436 *Cotoneaster racemiflora* (Redbead cotoneaster) [Rosaceae]
- 437 *Cotoneaster tomentosa* (Brickberry cotoneaster) [Rosaceae]
- 438 *Quercus reticulata* (Netleaf oak) [Fagaceae]
- 439 *Quercus turbinella* Greene (Shrub live oak) [Fagaceae]
- 440 *Quercus undulata* (Wavyleaf oak) [Fagaceae]
- 441 *Rhamnus* spp. (Buckthorn) [Rhamnaceae]
- 442 *Rhamnus alnifolia* L'Her. (Alder buckthorn) [Rhamnaceae]
- 443 *Rhamnus californica* Eschsch. (California buckthorn, C. coffeeberry) [Rhamnaceae]
- 444 *Rhamnus purshiana* DC. (Cascara buckthorn) [Rhamnaceae]
- 445 *Rhamnus smithii* Greene (Buckthorn) [Rhamnaceae]
- 446 *Rhus* spp. Linnaeus (Sumac) [Anacardiaceae]
- 447 *Rhus allegheniensis* [Anacardiaceae]
- 448 *Rhus aromatica* (Fragrant sumac) [Anacardiaceae]
- 449 *Rhus copallina* Linnaeus (Flameleaf sumac) [Anacardiaceae]
- 450 *Rhus emoryi* Wooton (Emory sumac) [Anacardiaceae]
- 451 *Rhus glabra* Linnaeus (Smooth sumac) [Anacardiaceae]
- 452 *Rhus haurina* [Anacardiaceae]
- 453 *Rhus ovata* Wats. (Sugar sumac, sugarbush) [Anacardiaceae]
- 454 *Rhus simplicifolia* [Anacardiaceae]
- 455 *Rhus trilobata* Nutt. (Skunkbush sumac, squawbush sumac) [Anacardiaceae]
- 456 *Rhus typhina* Linnaeus (Staghorn sumac) [Anacardiaceae]
- 457 *Ribes* spp. Linnaeus (Currant, gooseberry) [Saxifragaceae]
- 458 *Ribes aureum* Pursh (Golden currant) [Saxifragaceae]
- 459 *Ribes bracteosum* (Stink currant) [Saxifragaceae]
- 460 *Ribes cereum* Dougl. (Wax currant) [Saxifragaceae]
- 461 *Ribes glandulosum* (Skunk currant) [Saxifragaceae]
- 462 *Ribes inebrians* Lindl. (Squaw currant) [Saxifragaceae]
- 463 *Ribes inerme* Rydb. (Whitestem gooseberry) [Saxifragaceae]

- 464 *Ribes lacustre* (Pers.) Poir (Prickly currant) [Saxifragaceae]
- 465 *Ribes leptanthum* Gray (Trumpet gooseberry) [Saxifragaceae]
- 466 *Ribes montigenum* McClatchie (Gooseberry currant) [Saxifragaceae]
- 467 *Caragana* spp. Lam. (Pea tree) [Fabaceae]
- 468 *Ribes petiolare* Douglas (Western black currant) [Saxifragaceae]
- 469 *Ribes pinetorum* Greene (Orange gooseberry) [Saxifragaceae]
- 470 *Ribes roezli* Greene (Sierra gooseberry) [Saxifragaceae]
- 471 *Ribes viscosissimum* Pursh (Sticky currant) [Saxifragaceae]
- 472 *Ribes wolfii* (Rothrock currant) [Saxifragaceae]
- 473 *Crataegus douglasii* Lindl. (Douglas hawthorn) [Rosaceae]
- 474 *Cotoneaster turkestanica* [Rosaceae]
- 475 *Rosa* spp. (Rose) [Rosaceae]
- 476 *Rosa arizonica* Rydb. [Rosaceae]
- 477 *Rosa fendleri* Crepin. [Rosaceae]
- 478 *Rosa nutkana* Presl. (Nootka rose) [Rosaceae]
- 479 *Rosa acicularis* Lindl. (Prickly rose) [Rosaceae]
- 480 *Rosa woodsii* Lindl. (Woods rose) [Rosaceae] Primary Use(s): Browse, edible fruits Palatability: Moderate to high
- 481 *Rubus* spp. (Raspberry, dewberry, bramble) [Rosaceae]
- 482 *Rubus arizonensis* Focke. [Rosaceae]
- 483 *Rubus circinus* [Rosaceae]
- 484 *Rubus idaeus* Linnaeus (Red raspberry) [Rosaceae]
- 485 *Rubus neomexicanus* Gray (New Mexican raspberry) [Rosaceae]
- 486 *Rubus parviflorus* Nuttall (Thimbleberry) [Rosaceae]
- 487 *Rubus strigosus* Michx. (American red raspberry) [Rosaceae]
- 488 *Rubus vitifolius* C. & S. (Logan blackberry) [Rosaceae]
- 489 *Salazeria* spp. (Bladdersage) [Labiatae]
- 490 *Salazeria mexicana* (Mexican bladdersage) [Labiatae]
- 491 *Salix* spp. (Willow) [Salicaceae]
- 492 *Salix alaxensis* Coville (Feltleaf willow) [Salicaceae]
- 493 *Salix bebbiana* Sarg. (Smooth bebb willow) [Salicaceae]
- 494 *Dalea kingii* Watson (King dalea) [Leguminosae]
- 495 *Salix coulteri* Anderss. (Coulter willow) [Salicaceae]
- 496 *Salix exigua* Nutt. (Dusky or coyote willow) [Salicaceae]
- 497 *Dalea mollissima* (Rydb.) Munz [Leguminosae]
- 498 *Salix nivalis* Hooker (Snow willow) [Salicaceae]
- 499 *Salix reticulata* (Netleaf willow) [Salicaceae]
- 500 *Dalea terminalis* M.E. Jones [Leguminosae]
- 501 *Salvia* spp. (Sage) [Labiatae]
- 502 *Salvia amissa* Epling. [Labiatae]
- 503 *Salvia apiana* Jepson (White sage) [Labiatae]
- 504 *Salvia pinguifolia* Wooton & Standley [Labiatae]
- 505 *Sambucus* spp. (Elder) [Caprifoliaceae]
- 506 *Sambucus canadensis* Linnaeus (American elder) [Caprifoliaceae]
- 507 *Sambucus cerulea* (=S. *glauca*) Raf. (Blueberry elder) [Caprifoliaceae]
- 508 *Sambucus melanocarpa* A. Gray (Blackhead elder) [Caprifoliaceae]
- 509 *Sambucus mexicana* Presl. ex DeCandolle Sarg. (Mexican elder) [Caprifoliaceae]
- 510 *Sambucus microbotrys* Rydb. (Bunchberry elder) [Caprifoliaceae]
- 511 *Sambucus pubens* Michx. (Scarlet elder) [Caprifoliaceae]
- 512 *Sclerocactus* spp. Britton & Rose (Barrel cactus) [Cactaceae]
- 513 *Sclerocactus mesae-verdae* [Cactaceae]
- 514 *Sclerocactus polyancistrus* Britton & Rose (Pineapple barrel) [Cactaceae]

- 515 *Sclerocactus whipplei* Britton & Rose
(Devil's claw barrel) [Cactaceae]
- 516 *Echinocereus fendleri* (Fendler
echinocereus) [Cactaceae]
- 517 *Dalea thompsonae* L.O. Williams
(Thompson dalea) [Leguminosae]
- 518 *Shepherdia* spp. Nuttall
(Buffaloberry) [Elaeagnaceae]
- 519 *Shepherdia argentea* (Pursh) Nutt.
(Silver buffaloberry) [Elaeagnaceae]
- 520 *Shepherdia canadensis* (L.) Nutt.
(Russet buffaloberry) [Elaeagnaceae]
- 521 *Shepherdia rotundifolia* (Roundleaf
buffaloberry) [Elaeagnaceae]
- 522 *Simmondsia* spp. (Jojoba)
[Simmondsiaceae]
- 523 *Simmondsia californica* (California
jojoba) [Simmondsiaceae]
- 524 *Sophora* spp. L. (Sophora) [Fabaceae]
- 525 *Sophora secundiflora* (Ortega) Lag.
(Mescalbean sophora) [Fabaceae]
- 526 *Spiraea* spp. (Spirea) [Rosaceae]
- 527 *Spiraea betulifolia* (Birchleaf
spirea) [Rosaceae]
- 528 *Spiraea lucida* Doulgas ex Greene
(Shinyleaf spirea) [Rosaceae]
- 529 *Ephedra aspersa* Engelmann ex S.
Watson (Rough ephedra) [Ephedraceae]
- 530 *Encelia frutescens* (Bush encelia)
[Compositae]
- 531 *Ephedra fasciculata* A. Nels.
[Ephedraceae]
- 532 *Ephedra cutleri* Peebles (Cutler
ephedra) [Ephedraceae]
- 533 *Eriogonum divergens* Small
[Polygonaceae]
- 534 *Symphoricarpos* spp. (Dill.) Ludwig
(Snowberry, Indian currant, coralberry)
[Caprifoliaceae]
- 535 *Symphoricarpos albus* (Linnaeus) Blake
(Common snowberry) [Caprifoliaceae]
- 536 *Symphoricarpos hesperius* G.N. Jones
(Creeping snowberry) [Caprifoliaceae]
- 537 *Symphoricarpos longiflorus* Gray
(Longflower snowberry) [Caprifoliaceae]
- 538 *Symphoricarpos occidentalis* Hook.
(Western snowberry, wolfberry)
[Caprifoliaceae]
- 539 *Symphoricarpos oreophilus* Gray
(Mountain snowberry) [Caprifoliaceae]
- 540 *Symphoricarpos racemosus* (=S.
rotundifolius) [Caprifoliaceae]
- 541 *Symphoricarpos rotundifolius* (=S.
racemosus) (Roundleaf snowberry)
[Caprifoliaceae]
- 542 *Symphoricarpos utahensis* Rydb. (Utah
snowberry) [Caprifoliaceae]
- 543 *Symphoricarpos vaccinioides* Rydb.
(Whortleleaf snowberry) [Caprifoliaceae]
- 544 *Syringa* spp. (Lilac) [Oleaceae]
- 545 *Syringa henryi* (Henry lilac)
[Oleaceae]
- 546 *Syringa villosa* (Late lilac)
[Oleaceae]
- 547 *Syringa vulgaris* Linnaeus (Common
lilac) [Oleaceae]
- 548 *Tetradymia* spp. (Horsebrush)
[Compositae]
- 549 *Tetradymia axillaris* Nelson
(Longspine horsebrush) [Compositae]
- 550 *Tetradymia glabrata* Torr. & Gray
(Littleleaf horsebrush) [Compositae]
Primary Use(s): Browse Palatability: Low
or poisonous
- 551 *Tetradymia spinosa* Hook. & Arn.
(Cottonthorn horsebrush) [Compositae]
Primary Use(s): Soil stabilization
Palatability: None
- 552 *Thamnosma* spp. (Desertrue) [Rutaceae]
- 553 *Thamnosma montana* Torr. & Frem.
(Mojave desertrue) [Rutaceae]
- 554 *Toxicodendron* spp. (=Rhus spp.)
(Poison ivy, poison oak) [Anacardiaceae]
- 555 *Rhus radicans* Linnaeus (Poison ivy)
[Anacardiaceae]
- 556 *Eriogonum heracleoides* (Wyeth
erigonum) [Polygonaceae]
- 557 *Eriogonum fruticulosum* A. Nelson
[Polygonaceae]
- 558 *Vaccinium* spp.
(Whortleberry, blueberry, huckleberry)
[Ericaceae]
- 559 *Vaccinium mebranaceum* (Big
whortleberry) [Ericaceae]
- 560 *Vaccinium myrtillus* (Myrtle
whortleberry) [Ericaceae]
- 561 *Vaccinium ovatum* (Box blueberry)
[Ericaceae]

- 562 *Vaccinium parvifolium* (Red whortleberry) [Ericaceae]
- 563 *Vaccinium scoparium* Lieberg ex Coville (Grouse whortleberry) [Ericaceae]
- 564 *Eriogonum ovalifolium* (Cushion eriogonum) [Polygonaceae]
- 565 *Fendlerella* spp. (*Fendlerella*) [Philadelphaceae]
- 566 *Vauquelinia* spp. *Correa* (Humb. & Bonpl.) (*Vaquelinia*) [Rosaceae]
- 567 *Vauquelinia californica* Sarg. (*Torrey vauquelinia*) [Rosaceae]
- 568 *Ferocactus acanthodes lecontei* (Engelmann) Lindsay [Cactaceae]
- 569 *Fendlerella utahensis* Heller (*Utah fendlerella*) [Philadelphaceae]
- 570 *Viburnum* spp. (*Viburnum*, *Cranberry*, *Arrow-wood*) [Caprifoliaceae]
- 571 *Viburnum edule* [Caprifoliaceae]
- 572 *Viburnum lentago* L. (*Nannyberry virburnum*) [Caprifoliaceae]
- 573 *Xanthocephalum* spp. (= *Gutierrezia* spp.) (*Snakeweed*) [Compositae]
- 574 *Xanthocephalum lucida* Greene (*Sticky snakeweed*) [Compositae]
- 575 *Xanthocephalum microcephalum* (D.C.) Shinnars (*Threadleaf snakeweed*) [Compositae]
- 576 *Xanthocephalum sarothrae* (Pursh.) Shinnars (*Broom snakeweed*) [Compositae]
- 577 *Yucca* spp. Linnaeus (*Yucca*) [Agavaceae]
- 578 *Yucca angustissima* Engelmann (*Fineleaf yucca*) [Agavaceae]
- 579 *Yucca arborescens* Engelm. ex Trelease [Agavaceae]
- 580 *Yucca baccata* Torr. (*Datil yucca*, *spanish bayonet*) [Agavaceae]
- 581 *Yucca brevifolia* Engelmann (*Joshua-tree*) [Agavaceae]
- 582 *Yucca elata* Engelm. (*Soaptree yucca*) [Agavaceae]
- 583 *Yucca glauca* (= *Y. kanabensis*) (Nutt.) Coville Sims. (*Small soapweed*, *great plains yucca*) [Agavaceae]
- 584 *Yucca harrimaniae* Trelease (*Harriman yucca*) [Agavaceae]
- 585 *Yucca schottii* Engelmann (*Schotts yucca*) [Agavaceae]
- 586 *Sarcobatus vermiculatus* (Hook.) Torr. (*Black greasewood*) [Chenopodiaceae]
- 587 *Kochia prostrata* [Chenopodiaceae]
- 588 *Ferocactus* spp. (*Ferocactus*) [Cactaceae]
- 589 *Crataegus chrysocarpa* Ashe (*Fireberry hawthorn*) [Rosaceae]
- 590 *Atriplex rosea* [Chenopodiaceae]
- 591 *Atriplex argentia* [Chenopodiaceae]
- 592 *Chrysothamnus* spp. [Compositae]
- 593 *Artemisia vulgaris* L. (*Mugwort wormwood*) [Compositae]
- 594 *Sarcobatus* spp. (*Greasewood*) [Chenopodiaceae]
- 595 *Amorpha nana* Nutt. (*dwarf indigo amorphia*) [Fabaceae]
- 596 *Atriplex nuttallii* S. Wats. (*Nuttall saltbush*) [Chenopodiaceae]
- 597 *Berberis vulgaris* L. (*Common barberry*) [Berberidaceae]
- 598 *Baccharis wrightii* (Wright *baccharis*) [Compositae]
- 599 *Elaeagnus commutata* Bernh. (*Silverberry*) [Elaeagnaceae]
- 600 *Leptodactylon pungens* (Torr.) Rydb. (*Prickly phlox*) [Polemoniaceae]
- 601 *Lycium halimifolium* Mill. (*Matrimony vine*) [Solanaceae]
- 602 *Menodora scabra* A. Gray (*Rough menodora*) [Oleaceae]
- 603 *Physocarpus alternans* (Jones) J.T. Howell (*Dwarf ninebark*) [Rosaceae]
- 604 *Physocarpus opulifolius* (L.) Maxim (*Common ninebark*) [Rosaceae]
- 605 *Prunus americana* Marsh (*American plum*) [Rosaceae]
- 606 *Prunus besseyi* Bailey (*Bessey cherry*) [Rosaceae]
- 607 *Prunus pennsylvanica* (*Pincherry*) [Rosaceae]
- 608 *Rhamnus cathartica* Linnaeus (*Common buckthorn*) [Rhamnaceae]

- 609 *Ribes americanum* Mill. (American black currant) [Saxifragaceae]
- 610 *Rosa arkansana* Porter (Arkansas rose) [Rosaceae]
- 611 *Rubus occidentalis* L. (Blackcap raspberry) [Rosaceae]
- 612 *Salix interior* Rowlee (Sandbar willow) [Salicaceae]
- 613 *Salix petiolaris* J.E. Sm. (Meadow willow) [Salicaceae]
- 614 *Sambucus racemosa* Linnaeus (Scarlet elder) [Caprifoliaceae]
- 615 *Spiraea caespitosa* Nutt. (Dwarf spiraea) [Rosaceae]
- 616 *Symphoricarpos orbiculatus* Hook. (Western snowberry) [Caprifoliaceae]
- 617 *Tetradymia canescens* DeCandolle (Gray horsebrush) [Compositae] Primary Use(s): Browse, revegetation Palatability: Low or poisonous
- 618 *Vaccinium caespitosum* Michx. (Dwarf blueberry) [Ericaceae]
- 619 *Gutierrezia longifolia* Greene [Compositae]
- 620 *Salix regalis* [Salicaceae]
- 621 *Salix elegantissima* [Salicaceae]
- 622 *Salix lutea* Nuttall [Salicaceae]
- 623 *Crataegus rivularis* (River hawthorn) [Rosaceae]
- 624 *Salix fluviatilis* [Salicaceae]
- 625 *Prunus melanocarpa* Rydb. [Rosaceae]
- 626 *Clematis caripensis* [Ranunculaceae]
- 627 *Viburnum opulus* [Caprifoliaceae]
- 628 *Artemisia spinosa* [Compositae]
- 629 *Agave deserti* (Desert agave) [Amaryllidaceae]
- 630 *Artemisia campestris borealis* (Pallas) (Sagewort wormwood) [Compositae]
- 631 *Acamptopappus shockleyi* A. Gray [Compositae]
- 632 *Amelanchier pumila* Nuttall [Rosaceae]
- 633 *Artemisia parryi* Gray [Compositae]
- 634 *Crataegus* spp. L. [Rosaceae]
- 635 *Eriogonum effusum* Nuttall (Spreading wild buckwheat) [Polygonaceae]
- 636 *Cotoneaster lucida* (Hedge cotoneaster) [Rosaceae]
- 637 *Echinocereus engelmannii* (Parry ex Engelmann) Rumppler (Engelmann echinocereus) [Cactaceae]
- 638 *Kochia scoparia* (L.) Schrad. [Chenopodiaceae]
- 639 *Sophora sericea* (Pursh) Rydberg [Fabaceae]
- 640 *Encelia farinosa* (Incienso (White brittlebrush)) [Compositae]
- 641 *Encelia* spp. (Encelia) [Compositae]
- 642 *Echinocereus viridiflorus* Engelmann [Cactaceae]
- 643 *Clematis orientalis* Linnaeus (Oriental clematis) [Ranunculaceae]
- 644 *Cornus nuttallii* Audubon [Cornaceae]
- 645 *Gaultheria shallon* Pursh [Ericaceae]
- 646 *Forestiera phillyreoides* (New Mexican olive forestiera) [Oleaceae]
- 647 *Garrya flavescens* [Garryaceae]
- 648 *Gaultheria ovatifolia* (Slender wintergreen) [Ericaceae]
- 649 *Glossopetalon nevadense* Gray [Celastraceae]
- 650 *Glossopetalon pungens* Brand. (Dwarf greasebush) [Celastraceae]
- 651 *Haplopappus* spp. (=Aplopappus, =Icosoma) (Goldenweed) [Compositae]
- 652 *Haplopappus bloomeri* Gray (Rabbitbrush goldenweed) [Compositae]
- 653 *Haplopappus brickellioides* Blake (Brickell goldenweed) [Compositae]
- 654 *Haplopappus cervinus* S. Watson [Compositae]
- 655 *Haplopappus cuneatus* Gray (Wedgeleaf goldenweed) [Compositae]
- 656 *Haplopappus linearifolius* DeCandolle (Narrowleaf goldenweed) [Compositae]
- 657 *Haplopappus macronema* Gray (Whitestem goldenweed) [Compositae]
- 658 *Haplopappus nanus* Eaton (Dwarf goldenweed) [Compositae]
- 659 *Haplopappus racemosus* [Compositae]
- 660 *Haplopappus rydbergii* Blake (Rydberg goldenweed) [Compositae]

- 661 *Haplopappus scopulorum* Blake
[Compositae]
- 662 *Haplopappus suffruticosus* Clements &
Clements (Singlehead goldenweed)
[Compositae]
- 663 *Haplopappus watsonii* Gray (Watson
goldenweed) [Compositae]
- 664 *Holodiscus boursieri* Rehd. [Rosaceae]
- 665 *Houstonia* spp. (Bluets) [Rubiaceae]
- 666 *Houstonia rubra* [Rubiaceae]
- 667 *Juniperus horizontalis* Moench.
(Creeping juniper) [Cupressaceae]
- 668 *Juniperus monosperma* Sarg. (One-seed
juniper) [Cupressaceae]
- 669 *Laphamia* spp. [Compositae]
- 670 *Laphamia congesta* M.E. Jones
[Compositae]
- 671 *Laphamia fastigiata* Brandeg.
[Compositae]
- 672 *Laphamia gracilis* M.E. Jones
[Compositae]
- 673 *Laphamia intricata* Brandeg.
[Compositae]
- 674 *Laphamia palmeri palmeri* [Compositae]
- 675 *Laphamia stansburii* Gray [Compositae]
- 676 *Lippia* spp. (Houston) L. (*Lippia* or
fog-fruit) [Verbenaceae]
- 677 *Lippia wrightii* Gray (Wright lippia)
[Verbenaceae]
- 678 *Lonicera arizonica* Rehd. (Arizona
honeysuckle) [Caprifoliaceae]
- 679 *Lonicera caerulea* (Sweetberry
honeysuckle) [Caprifoliaceae]
- 680 *Lonicera ciliosa* (Western trumpet
honeysuckle) [Caprifoliaceae]
- 681 *Lonicera conjugialis* Kellogg
(Purpleflower honeysuckle)
[Caprifoliaceae]
- 682 *Lonicera prolifera* Rehd. (Grape
honeysuckle) [Caprifoliaceae]
- 683 *Lonicera tatarica* Linnaeus (Tatarian
honeysuckle) [Caprifoliaceae]
- 684 *Lupinus* spp. (Lupine) [Fabaceae]
Palatability: Poisonous
- 685 *Lupinus breweri* (Brewers lupine)
[Fabaceae]
- 686 *Lupinus excubitus* Jones (Inyo lupine)
[Fabaceae]
- 687 *Lycium barbarum* (Matrimony vine)
[Solanaceae]
- 688 *Lycium cooperi* Gray (Cooper
wolfberry) [Solanaceae]
- 689 *Maclura* spp. (Osage-orange)
[Moraceae]
- 690 *Maclura pomifera* Schneider (Osage-
orange) [Moraceae]
- 691 *Opuntia barkleyana* (Daston) Rowley
[Cactaceae]
- 692 *Opuntia bigelovii* Engelmann (Arizona
jumping pricklypear) [Cactaceae]
- 693 *Opuntia chlorotica* (Dollarjoint
pricklypear) [Cactaceae]
- 694 *Opuntia erinacea* (Grizzlybear
pricklypear) [Cactaceae]
- 695 *Opuntia gracilicylindrica* (Wieg. &
Backebeg.) Rowley [Cactaceae]
- 696 *Opuntia hystricina* Engelmann &
Bigelow [Cactaceae]
- 697 *Opuntia laevis* Coult. (Smooth
pricklypear) [Cactaceae]
- 698 *Opuntia parishii* Orcutt (Parish
cholla) [Cactaceae]
- 699 *Opuntia pygmaea* (Wieg. &
Backebeg.) Rowley [Cactaceae]
- 700 *Opuntia ramossissima* Engelmann
(Holycross cholla) [Cactaceae]
- 701 *Opuntia rhodantha* K. Sch. [Cactaceae]
- 702 *Opuntia rubrifolia* Griffiths
Davidson [Cactaceae]
- 703 *Opuntia spectatissima* [Cactaceae]
- 704 *Opuntia whipplei* Engelmann & Bigelow
(Whipple cholla) [Cactaceae]
- 705 *Opuntia wiegandii* (Backebeg.) Rowley
[Cactaceae]
- 706 *Opuntia woodsii* Backebeg. [Cactaceae]
- 707 *Ostrya* spp. (Hophornbeam)
[Carpinaceae]
- 708 *Ostrya knowltoni* Coville (Knowlton
hophornbeam) [Carpinaceae]
- 709 *Parryella* spp. [Leguminosae]
- 710 *Parryella filifolia* (Dunebroom)
[Leguminosae]

- 711 *Parryella rotundata* Wooton
[Leguminosae]
- 712 *Parthenium* spp. (*Parthenium*)
[Compositae]
- 713 *Parthenium incanum* (Mariola
parthenium) [Compositae]
- 714 *Parthenocissus* spp. (Creeper)
[Vitidaceae]
- 715 *Parthenocissus inserta*
(Kerner) Fritsch. (Thicket creeper)
[Vitidaceae]
- 716 *Pediocactus sileri* (Engelm. ex
Coul.) L. Benson [Cactaceae]
- 717 *Pediocactus paradinei* B.W. Benson
[Cactaceae]
- 718 *Philadelphus lewisii* (Lewis
mockorange) [Philadelphaceae]
- 719 *Prunus andersonii* Gray (Anderson
peachbrush) [Rosaceae]
- 720 *Prunus demissa* Nuttall (Chokecherry)
[Rosaceae]
- 721 *Prunus fruticosa* [Rosaceae]
- 722 *Prunus ilicifolia* Nuttall
(Hollyleaf, Catalina cherry) [Rosaceae]
- 723 *Prunus japonica* (Chinese bushcherry)
[Rosaceae]
- 724 *Prunus tenella* [Rosaceae]
- 725 *Prunus siberica* (Sloe cherry)
[Rosaceae]
- 726 *Prunus spinosa* (Klamath plum)
[Rosaceae]
- 727 *Prunus subcordata* [Rosaceae]
- 728 *Quercus chrysolepsis* Liebmann (Palmer
oak, canyon live oak) [Fagaceae]
- 729 *Rhamnus betulaefolia obovata* Kearney
& Peebles (Birchleaf buckthorn)
[Rhamnaceae]
- 730 *Rhamnus davurica* (Dahurian buckthorn)
[Rhamnaceae]
- 731 *Rhamnus erythroxylon* [Rhamnaceae]
- 732 *Rhamnus libanotica* (Lebanon
buckthorn) [Rhamnaceae]
- 733 *Rhamnus oleoides* [Rhamnaceae]
- 734 *Rhus petiolaris* (Petioled buckthorn)
[Anacardiaceae]
- 735 *Rhus rubra* [Anacardiaceae]
- 736 *Rhamnus saxatalis* (Rock buckthorn)
[Rhamnaceae]
- 737 *Rhamnus spathulaefolia* [Rhamnaceae]
- 738 *Rhamnus tinctoria* (Dyers buckthorn)
[Rhamnaceae]
- 739 *Rhus glabra cismontana* (Greene) Rehder
(Rocky Mountain smooth sumac)
[Anacardiaceae]
- 740 *Rhus microphylla* Engl. (Littleleaf
sumac) [Anacardiaceae]
- 741 *Ribes coloradense* Coville (Colorado
currant) [Saxifragaceae]
- 742 *Ribes hendersonii* C.L. Hitchcock
(Henderson gooseberry) [Saxifragaceae]
- 743 *Ribes nevadense* (Sierra currant)
[Saxifragaceae]
- 744 *Ribes niveum* (Snow gooseberry)
[Saxifragaceae]
- 745 *Ribes setosum* Lindl. (Missouri
gooseberry) [Saxifragaceae]
- 746 *Rhus velutinum* [Anacardiaceae]
- 747 *Rosa collaris* Rydb. [Rosaceae]
- 748 *Rosa eglanteria* (Sweetbrier rose)
[Rosaceae]
- 749 *Rosa gymnocarpa* (Balhip rose)
[Rosaceae]
- 750 *Rosa laxton* [Rosaceae]
- 751 *Rosa manca* Greene (Mancos rose)
[Rosaceae]
- 752 *Rosa multiflora* (Japanese rose)
[Rosaceae]
- 753 *Rosa stellata* Wooton (Desert rose)
[Rosaceae]
- 754 *Rubus discolor* (Himalayan blackberry)
[Rosaceae]
- 755 *Rubus laciniatus neomexicanus* (New
Mexican raspberry) [Rosaceae]
- 756 *Salix barclayi padophylla* (Rydb.) L.
Kelso (Barclay willow) [Salicaceae]
- 757 *Salix brachycarpa* (Barrenground
willow) [Salicaceae]
- 758 *Salix cascadiensis* Cockerell (Cascades
willow) [Salicaceae]
- 759 *Salix commutata* Bebb (Undergreen
willow) [Salicaceae]
- 760 *Salix drummondiana* (Drummond willow)
[Salicaceae]

- 761 *Salix geyeriana* (Geyer willow)
[Salicaceae]
- 762 *Salix glauca* (Grayleaf willow)
[Salicaceae]
- 763 *Salix jepsonii* Schn. (Jepson willow)
[Salicaceae]
- 764 *Salix laevigata* (Polished
willow, smooth-leaf willow) [Salicaceae]
- 765 *Salix lasiandra* Benth. (Pacific
willow) [Salicaceae]
- 766 *Salix caudata* Heller (Whiplash
willow) [Salicaceae]
- 767 *Salix lasiolepis* (Arroyo willow)
[Salicaceae]
- 768 *Salix lemmonii* (Lemmons willow)
[Salicaceae]
- 769 *Salix monticola* Bebb ex Coult.
[Salicaceae]
- 770 *Salix myrtillofolia* (Blueberry
willow) [Salicaceae]
- 771 *Salix orestera* Schn. (Sierra willow)
[Salicaceae]
- 772 *Salix phylicifolia* [Salicaceae]
- 773 *Salix purpurea* (Purple osier willow)
[Salicaceae]
- 774 *Salix rigida* Muhl. (Mackenzie willow)
[Salicaceae]
- 775 *Salix tweedyi* Ball (Tweedy's willow)
[Salicaceae]
- 776 *Salix wolfii* Bebb [Salicaceae]
- 777 *Salvia dorrii* (Kell.) Abrams
[Labiatae]
- 778 *Simmondsia chinensis* (Link) Schneider
(Goatnut jojoba) [Simmondsiaceae]
- 779 *Sophora arizonica* (Arizona sophora)
[Fabaceae]
- 780 *Spiraea canescens* (Hoary spirea)
[Rosaceae]
- 781 *Spiraea densiflora* (Subalpine spirea)
[Rosaceae]
- 782 *Spiraea douglasii roseata* (Rydb.) C.L.
Hitchcock (Douglas spirea) [Rosaceae]
- 783 *Spiraea pyramidata* Greene (Pyramid
spirea) [Rosaceae]
- 784 *Spiraea sargentiana* (Sargent spirea)
[Rosaceae]
- 785 *Symphoricarpos mollis* Nuttall
[Caprifoliaceae]
- 786 *Symphoricarpos parishii* Rydb.
(Roundleaf snowberry) [Caprifoliaceae]
- 787 *Tamarix* spp. Linnaeus (Tamarisk)
[Tamaricaceae]
- 788 *Tamarix parvifolia* (Fivestamen
tamarisk) [Tamaricaceae]
- 789 *Tamarix pentandra* (Fivestamen
tamarisk) [Tamaricaceae]
- 790 *Tamarix ramosissima* [Tamaricaceae]
- 791 *Tamarix tetrandra* (Fourstamen
tamarisk) [Tamaricaceae]
- 792 *Tetradymia comosa* (Hairy horsebrush)
[Compositae]
- 793 *Vaccinium gobulare* Rydb. (Globe
huckleberry) [Ericaceae]
- 794 *Vaccinium occidentale* A. Gray
(Western bog blueberry) [Ericaceae]
- 795 *Vaccinium ovalifolium* (Ovalleaf
huckleberry) [Ericaceae]
- 796 *Vaccinium oxycoccos* (Wild cranberry)
[Ericaceae]
- 797 *Vitis* spp. (Grape) [Vitaceae]
- 798 *Vitis arizonica* (Canyon grape)
[Vitaceae]
- 799 *Yucca baileyi* Wootton & Standley
(Bailey yucca) [Agavaceae]
- 800 *Yucca kanabensis* (=Y. glauca)
McKelvey [Agavaceae]
- 801 *Yucca neomexicana* Wootton & Standley
(Spanish bayonet) [Agavaceae]
- 802 *Yucca schidigera* (Mohave yucca)
[Agavaceae]
- 803 *Yucca toftiae* [Agavaceae]
- 804 *Yucca utahensis* McKelvey [Agavaceae]
- 805 *Zelkova* spp. (Zelkova) [Ulmaceae]
- 806 *Zelkova serrata* (Japanese zelkova)
[Ulmaceae]
- 807 *Tamarix gallica* [Tamaricaceae]
- 808 *Opuntia engelmannii* Salm & Dyck
[Cactaceae]
- 809 *Umbellularia californica* (Hook. &
Arn.) Nutt. (California laurel)
[Lauraceae]
- 810 *Prosopis glandulosa* glandulosa
[Leguminosae]
- 811 *Opuntia humifusa* [Cactaceae]

- 812 *Haplopappus venetus* Blake
[Compositae]
- 813 *Larrea divaricata* Cav. (Spreading
creosotebush) [Zygophyllaceae] Primary
Use(s): Small-mammal food Palatability:
None
- 814 *Ribes cereum inerme* [Saxifragaceae]
- 815 *Sambucus racemosa microbotrys*
(Rydb.) Kearney & Peebles [Caprifoliaceae]
- 816 *Viburnum opulus sterile*
[Caprifoliaceae]
- 817 *Lophocereus schottii* Engelmann
(Senita cactus) [Cactaceae]
- 818 *Pachycereus pringlei* (S.Wats.) Britt.
& Rose (Cardon) [Cactaceae]
- 819 *Pachycereus pectenaboriginum*
(Engelm.) Britt. & Rose (Hecho)
[Cactaceae]
- 820 *Lemaireocereus thurberi* Engelmann
(Organpipe) [Cactaceae]
- 821 *Machaereocereus gummosus* Engelmann
(Agria) [Cactaceae]
- 822 *Rathbunia alamosensis* Britton & Rose
(Cina) [Cactaceae]
- 823 *Opuntia wilcoxii* Britton & Rose
[Cactaceae]
- 824 *Cereus schotti* Engelmann (Senita
cactus) [Cactaceae]
- 825 *Cereus thurberi* (Organpipe cactus)
[Cactaceae]
- 826 *Lepidospartum squamatum* [Compositae]
- 827 *Gutierrezia microcephala* Shinnery
[Compositae] Primary Use(s): None
Palatability: Poisonous
- 828 *Opuntia macrorhiza* Engelmann
[Cactaceae]
- 829 *Cercocarpus parvifolius* [Rosaceae]
- 830 *Cercidium torreyanum* Sarg.
[Leguminosae]
- 831 *Chrysothamnus graveolens*
(Nuttall) Greene [Compositae]
- 832 *Artemisia dracunculoides* (=A.
dracunculus) Pursh (Falsetarragon
sagewort) [Compositae]
- 833 *Corylus rostrata* Ait. (California
hazel, beaked hazelnut) [Corylaceae]
- 834 *Artemisia cana viscidula*
(Osterh.) Beetle (Mountain silver
sagebrush) [Compositae] Primary Use(s):
Browse
- 835 *Artemisia cana cana* Pursh (Silver
sagebrush) [Compositae]
- 836 *Cercis canadensis* Linnaeus
[Zygophyllaceae]
- 837 *Morus* spp. Linnaeus [Moraceae]
- 838 *Cassia chamaecrista* Linnaeus
[Leguminosae]
- 839 *Acacia amentacea* DeCandolle
[Leguminosae]
- 840 *Acacia filicina* Willd. [Leguminosae]
- 841 *Larrea tridentata glutinosa* Jepson
[Zygophyllaceae]
- 842 *Ambrosia psilostachya* DeCandolle
(Common or western ragweed) [Compositae]
- 843 *Opuntia leptocaulis* DeCandolle
[Cactaceae]
- 844 *Acacia farnesiana* (L.) Willd.
[Leguminosae]
- 845 *Acacia berlandieri* Benth
[Leguminosae]
- 846 *Ambrosia aptera* DC. (Giant ragweed)
[Compositae]
- 847 *Quercus stellata* Wang. [Fagaceae]
- 848 *Quercus marilandica* [Fagaceae]
- 849 *Lupinus bakeri* Greene [Fabaceae]
- 850 *Lupinus floribundus* Greene [Fabaceae]
- 851 *Lupinus caudatus* [Fabaceae]
- 852 *Lupinus argenteus* (Silvery lupine)
[Fabaceae]
- 853 *Atriplex spinosa* [Chenopodiaceae]
- 854 *Salix babylonica* Linnaeus (Weeping
willow) [Salicaceae]
- 855 *Lupinus amplus* Greene [Fabaceae]
- 856 *Baccharis texana* [Compositae]
- 857 *Chrysothamnus nauseosus turbinatus*
Hall & Clements [Compositae]
- 858 *Prunus lyonii* Sarg. (Catalina cherry)
[Rosaceae]
- 859 *Rhamnus crocea* (Evergreen buckthorn)
[Rhamnaceae]
- 860 *Ceanothus crassifolius* Torr.
[Rhamnaceae]
- 861 *Ceanothus cyaneus* E.S. Clements
[Rhamnaceae]

- 862 *Ceanothus divergens* Parry
[Rhamnaceae]
- 863 *Ceanothus gloriosus* J.T. Howell
[Rhamnaceae]
- 864 *Ceanothus impressus* Trelease
[Rhamnaceae]
- 865 *Ceanothus purpurea* [Rhamnaceae]
- 866 *Cotoneaster horizontalis* (Trailing
cotoneaster) [Rosaceae]
- 867 *Syringa japonica* [Oleaceae]
- 868 *Syringa persica* [Oleaceae]
- 869 *Ceanothus griseus* (Trelease ex
Robinson)McMinn. [Rhamnaceae]
- 870 *Ceanothus griseus horizontalis*
McMinn. [Rhamnaceae]
- 871 *Ceanothus oliganthus* [Rhamnaceae]
- 872 *Ceanothus diversifolius* [Rhamnaceae]
- 873 *Ceanothus leucodermis* Greene
[Rhamnaceae]
- 874 *Ceanothus lobbianus* Hooker
[Rhamnaceae]
- 875 *Ceanothus americanus* [Rhamnaceae]
- 876 *Acacia longifolia* [Leguminosae]
- 877 *Celtis laevigata* Willd. [Ulmaceae]
- 878 *Tamarix articulata* [Tamaricaceae]
- 879 *Heteromeles arbutifolia* Roemer
(Christmas berry,toyon) [Rosaceae]
- 880 *Eriogonum annuum* [Polygonaceae]
- 881 *Lupinus pusillus* Pursh [Fabaceae]
- 882 *Lupinus sericeus* [Fabaceae]
- 883 *Salix cordata* Muhl. (Pussy willow)
[Salicaceae]
- 884 *Salix lucida* Muhl. (Shining willow)
[Salicaceae]
- 885 *Salix sericea* Marsh. [Salicaceae]
- 886 *Betula pumila* Linnaeus [Betulaceae]
- 887 *Betula nigra* Linnaeus [Betulaceae]
- 888 *Atriplex powelli* S. Watson
[Chenopodiaceae]
- 889 *Atriplex patula hastata* Hall &
Clements [Chenopodiaceae]
- 890 *Atriplex nuttallii falcata* Jones
[Chenopodiaceae]
- 891 *Prunus virginiana demissa*
(Nuttall)Torr. [Rosaceae]
- 892 *Lupinus chamissonis* Esch. [Fabaceae]
- 893 *Lupinus variicolor* Steud. [Fabaceae]
- 894 *Cercocarpus velutinus* [Rosaceae]
- 895 *Cotoneaster* spp. [Rosaceae]
- 896 *Acacia melanoxydon* R. Br.
[Leguminosae]
- 897 *Eriogonum inflatum* [Polygonaceae]
- 898 *Acacia flexicaulis* Benth
[Leguminosae]
- 899 *Acacia wrightii* Benth
[Leguminosae]
- 900 *Artemisia californica* Less.
[Compositae]
- 901 *Opuntia littoralis* (Engelm.)Cockerell
[Cactaceae]
- 902 *Opuntia oricola* Philbrick [Cactaceae]
- 903 *Adenostoma fasciculatum* Hook. & Arn.
(Chamise) [Leguminosae] Primary Use(s):
Browse Palatability: Moderate
- 904 *Salvia californica* Brandg.
Jepson [Labiatae]
- 905 *Salix fendleriana* Anderss.
[Salicaceae]
- 906 *Artemisia heterophylla* Nuttall
[Compositae]
- 907 *Prosopis odorata* [Leguminosae]
- 908 *Prosopis chilensis* Stuntz.
[Leguminosae]
- 909 *Covillea tridentata* (=Larrea
tridentata) Vail [Zygophyllaceae]
- 910 *Betula fontinalis* Sarg. (Mountain
birch) [Betulaceae]
- 911 *Ribes grossularia* Linnaeus (European
gooseberry) [Saxifragaceae]
- 912 *Ribes glutinosum* [Saxifragaceae]
- 913 *Acacia falcinella* [Leguminosae]
- 914 *Acacia maidenii* [Leguminosae]
- 915 *Acacia merrallii* [Leguminosae]
- 916 *Cornus californica pubescens*
[Cornaceae]
- 917 *Yucca filamentosa* Linnaeus (Adam's
needle) [Agavaceae]
- 918 *Spiraea discolor* Pursh [Rosaceae]

- 919 *Adenostoma sparsifolium* [Leguminosae]
- 920 *Lonicera periclymenum*
[Caprifoliaceae]
- 921 *Alnus glutinosa* [Betulaceae]
- 922 *Ribes nigrum* Linnaeus (Black currant)
[Saxifragaceae]
- 923 *Juniperus scopulorum* Sarg.
[Cupressaceae]
- 924 *Eriodictyon californicum* Greene
[Hydrophyllaceae]
- 925 *Alnus rubra* Bong. [Betulaceae]
- 926 *Pinus edulis* Engelm (Pinyon pine)
[Pinaceae]
- 927 *Ambrosia artemisiifolia* L. (Small
ragweed, Western ragweed) [Compositae]
- 928 [Record Deleted]
- 929 *Pinus monophylla* Torr. & Frem.
(Singleleaf pinyon pine) [Pinaceae]
- 930 *Cassia bauhinioides* Gray
[Leguminosae]
- 931 *Eriogonum abertianum* [Polygonaceae]
- 932 *Eriogonum rotundifolium* Benth
[Polygonaceae]
- 933 *Forestiera ligustrina* (Michx.) Poir.
[Oleaceae]
- 934 *Yucca treculeana* Carr. [Agavaceae]
- 935 *Cercidium floridum* Benth
[Leguminosae]
- 936 *Haplopappus spinulosus*
(Pursh) DeCandolle [Compositae]
- 937 *Ambrosia trifida* (Giant ragweed)
[Compositae]
- 938 *Salvia farinacea* [Labiatae]
- 939 *Salvia coccinea* [Labiatae]
- 940 *Lupinus texensis* [Fabaceae]
- 941 *Rhus virens* Lindh. [Anacardiaceae]
- 942 *Berberis trifoliata* Morie.
[Berberidaceae]
- 943 *Diplacus aurantiacus* (Curtis) Jeps.
[Scrophulariaceae]
- 944 *Opuntia rufida* Engelm (Cinnamon
pricklypear) [Cactaceae]
- 945 *Opuntia subulata* (Eve's-pin
pricklypear) [Cactaceae]
- 946 *Opuntia vulgaris* (Irish mittens)
[Cactaceae]
- 947 *Echinocactus grusonii* Hildm. (Golder
barrel cactus) [Cactaceae]
- 948 *Atriplex hortensis* Linnaeus
[Chenopodiaceae]
- 949 *Quercus dunni* Kellogg [Fagaceae]
- 950 *Pinus* spp. Linnaeus [Pinaceae]
- 951 *Opuntia vaseyi* (Coulter) Britt. & Rose
[Cactaceae]
- 952 *Opuntia grandiflora* Engelm
[Cactaceae]
- 953 *Opuntia stenopetala* Engelm
[Cactaceae]
- 954 *Opuntia spinosissima* Miller
[Cactaceae]
- 955 *Opuntia microdasys* [Cactaceae]
- 956 *Opuntia linguiformis* Griffiths
[Cactaceae]
- 957 *Opuntia decumbens* Salm & Dyck
[Cactaceae]
- 958 *Opuntia comondensis* (Coulter) Britt.
& Rose [Cactaceae]
- 959 *Opuntia leucotricha* DeCandolle
[Cactaceae]
- 960 *Opuntia streptacantha* Lemaire
[Cactaceae]
- 961 *Opuntia occidentalis* Engelm &
Bigelow [Cactaceae]
- 962 *Opuntia gosseliniana* Weber
[Cactaceae]
- 963 *Opuntia dillenii* (Ker &
Gawler) Haworth [Cactaceae]
- 964 *Opuntia santarita* (Griffiths &
Hare) Rose [Cactaceae]
- 965 *Opuntia megacantha* Salm & Dyck
[Cactaceae]
- 966 *Opuntia tomentosa* Salm & Dyck
[Cactaceae]
- 967 *Opuntia azurea* Rose [Cactaceae]
- 968 *Opuntia scheerii* Weber [Cactaceae]
- 969 *Opuntia robusta* Wendland [Cactaceae]
- 970 *Opuntia pycnantha* Engelm
[Cactaceae]
- 971 *Quercus turbinella californica* Tucker
[Fagaceae]

- 972 *Rosa californica* Willmott [Rosaceae]
- 973 *Ceanothus spinosus* Nuttall (Greenbark lilac) [Rhamnaceae]
- 974 *Umbellularia* spp. [Lauraceae]
- 975 *Baccharis neglecta* Nuttall [Compositae]
- 976 *Rhus integrifolia* Nuttall (Lemonade berry) [Anacardiaceae]
- 977 *Haplopappus drummondii* Blake [Compositae]
- 978 *Haplopappus coronopifolia* DeCandolle [Compositae]
- 979 *Eriogonum multiflorum* Benth. [Polygonaceae]
- 980 *Yucca whipplei* Torr. [Agavaceae]
- 981 *Encelia californica* (California encelia) [Compositae]
- 982 *Ambrosia acanthicarpa* Hooker [Compositae]
- 983 *Ambrosia confertiflora* DeCandolle (Slimleaf bursage, slender ragweed) [Compositae]
- 984 *Haplopappus squarrosus* Hooker & Arnott [Compositae]
- 985 *Ceanothus ovatus* [Rhamnaceae]
- 986 *Artemisia glauca* Pallas [Compositae]
- 987 *Artemisia caudata* Michx. [Compositae]
- 988 *Spiraea alba* [Rosaceae]
- 989 *Atriplex nuttalliana* [Chenopodiaceae]
- 990 *Cereus* spp. [Cactaceae]
- 991 *Opuntia fulgida* Engelm. [Cactaceae]
- 992 *Opuntia arborescens* [Cactaceae]
- 993 *Opuntia cycloides* Rose [Cactaceae]
- 994 *Opuntia lindheimeri* Engelm. (Giant opuntia) [Cactaceae]
- 995 *Cereus giganteus* Engelm. (Giant saguaro) [Cactaceae]
- 996 *Cereus macrogonus* Salm & Dyck [Cactaceae]
- 997 *Opuntia elongata* Haw. [Cactaceae]
- 998 *Opuntia bernardina* Engelm. [Cactaceae]
- 999 *Echinocactus setispinus* Engelm. [Cactaceae]
- 1000 *Adenostoma* spp. Hooker & Arnott [Leguminosae]
- 1001 *Arctostaphylos drupacea* Macbr. [Ericaceae]
- 1002 *Arctostaphylos glauca* Lindl. [Ericaceae]
- 1003 *Artemisia rosea* [Compositae]
- 1004 *Atriplex expansa* Wats. [Chenopodiaceae]
- 1005 *Atriplex serenana* Nelson [Chenopodiaceae]
- 1006 *Baccharis pilularis consanguinea* C.B. Wolf [Compositae]
- 1007 *Berberis nervosa* Pursh [Berberidaceae]
- 1008 *Chrysothamnus paniculatus* Hall [Compositae]
- 1009 *Chrysothamnus viscidiflorus pumilus* Hall & Clements [Compositae]
- 1010 *Dalea californica* S. Watson [Leguminosae]
- 1011 *Dalea schottii* Torr. [Leguminosae]
- 1012 *Encelia frutescens frutescens* [Compositae]
- 1013 *Eriodictyon crassifolium* Eastwood [Hydrophyllaceae]
- 1014 *Eriodictyon trichocalyx* Heller [Hydrophyllaceae]
- 1015 *Eriogonum fasciculatum poliofolium* S.G. Stokes [Polygonaceae]
- 1016 *Eriogonum gracile* Benth. [Polygonaceae]
- 1017 *Eriogonum thomasi* [Polygonaceae]
- 1018 *Franeria acanthicarpa* Coville [Compositae]
- 1019 *Franeria bipinnatifida* Nuttall [Compositae]
- 1020 *Franeria chamissonis bipinnatisecta* (Less.) Cald. & Tayl. [Compositae]
- 1021 *Franeria chenopodiifolia* Benth. [Compositae]
- 1022 *Haplopappus acradenius* Blake [Compositae]
- 1023 *Haplopappus cooperi* Hall [Compositae]
- 1024 *Haplopappus ericoides* Hooker & Arnott [Compositae]

- 1025 *Haplopappus pinifolius* A. Gray
[Compositae]
- 1026 *Haplopappus propinquus* Blake
[Compositae]
- 1027 *Haplopappus venetus vernonioides*
Munz [Compositae]
- 1028 *Mahonia aquifolium* (Shining
barberry, Oregon grape) [Berberidaceae]
- 1029 *Pluchea camphorata* [Compositae]
- 1030 *Pluchea foetida* Britton
Sterns & Pogg. [Compositae]
- 1031 *Pluchea imbricata* Nash. [Compositae]
- 1032 *Pluchea purpurascens* [Compositae]
- 1033 *Prosopis juliflora torreyana* L.
Benson [Leguminosae]
- 1034 *Salix goodingii* Ball [Salicaceae]
- 1035 *Sambucus glauca* (=S. *cerulea*)
Nuttall (Blueberry elder)
[Caprifoliaceae]
- 1036 *Viburnum tinus* (Laurestinus
viburnum) [Caprifoliaceae]
- 1037 *Spiraea vetchi* (Seedling) [Rosaceae]
- 1038 *Haplopappus heterophyllus* (=Icosoma
wrightii) Blake (Jimmyweed) [Compositae]
- 1039 *Haplopappus laricifolius* A. Gray
[Compositae]
- 1040 *Franseria dumosa* A. Gray (Bursage)
[Compositae]
- 1041 *Gutierrezia lucida* Greene
(Snakeweed) [Compositae]
- 1042 *Tetradymia glauca* [Compositae]
- 1043 *Cornus racemosa* Lam. (Gray dogwood)
[Cornaceae]
- 1044 *Arctostaphylos manzanita* Parry
(Common manzanita) [Ericaceae]
- 1045 *Arctostaphylos viscida* (R.L.
Westcott) (White leaf manzanita)
[Ericaceae]
- 1046 *Acacia decurrens dealbata*
(Silvergreen wattle acacia) [Leguminosae]
- 1047 *Acacia paucispina* [Leguminosae]
- 1048 *Cassia fistula* (Goldenshower senna)
[Leguminosae]
- 1049 *Juniperus occidentalis* (Western
juniper) [Cupressaceae]
- 1050 *Juniperus utahensis* (=J.
osteosperma) Lemmon [Cupressaceae]
- 1051 *Eriogonum parvifolium* [Polygonaceae]
- 1052 *Ceanothus glinosus* [Rhamnaceae]
- 1053 *Ceanothus jepsoni* Greene
[Rhamnaceae]
- 1054 *Salix nigra* Marsh. (Black willow)
[Salicaceae]
- 1055 *Cotoneaster microphylla* (Rockspray
cotoneaster) [Rosaceae]
- 1056 *Juniperus californica* Carr.
[Cupressaceae]
- 1057 *Ambrosia chamissonis* (Lessing) Greene
(Silver beachweed, beach bur) [Compositae]
- 1058 *Salix scouleriana* Barrett in Hooker
(Scouler willow) [Salicaceae]
- 1059 *Chrysothamnus viscidiflorus typicus*
(Hall & Clem.) Cron. [Compositae]
- 1060 *Forestiera acuminata* (Swamp-privet)
[Oleaceae]
- 1061 *Baccharis angustifolia* Michx.
[Compositae]
- 1062 *Salvia lanceolata* Willd. [Labiatae]
- 1063 *Clematis drummondii* Torr. & Gray
(Granddaddy gray beard) [Ranunculaceae]
- 1064 *Acacia tortuosa* [Leguminosae]
- 1065 *Alnus tenuifolia* (Mountain alder)
[Betulaceae]
- 1066 *Rhus glabra occidentalis* Torr.
[Anacardiaceae]
- 1067 *Salix nuttallii* Sarg. (Nuttall
willow) [Salicaceae]
- 1068 *Rhus diversiloba* Torr. & Gray
(Poison oak) [Anacardiaceae]
- 1069 *Morus rubra* Linnaeus (Red mulberry)
[Moraceae]
- 1070 *Salix sitchensis* Sanson [Salicaceae]
- 1071 *Cereus gigantea* Engelmann (Giant
saguaro) [Cactaceae]
- 1072 *Echinocactus wislizenii* Engelmann
[Cactaceae]
- 1073 *Mammillaria* spp. [Cactaceae]
- 1074 *Cereus polyacanthus* [Cactaceae]
- 1075 *Cereus fendleri* Engelmann
[Cactaceae]
- 1076 *Ambrosia chenopodiifolia*
(Bentham) Payne (San Diego bursage)
[Compositae]

- 1077 *Ambrosia illicifolia* (Gray)Payne
(Hollyleaf bursage) [Compositae]
- 1078 *Salvia mellifera* Greene [Labiatae]
- 1079 *Berberis thunbergii* DeCandolle
(Japanese barberry) [Berberidaceae]
- 1080 *Cassia nairobensis* [Leguminosae]
- 1081 *Cotoneaster franchetii* [Rosaceae]
- 1082 *Cotoneaster pannosa* [Rosaceae]
- 1083 *Cotoneaster parneyi* [Rosaceae]
- 1084 *Cotoneaster salicifolia* [Rosaceae]
- 1085 *Mahonia japonica* (Japanese mahonia)
[Berberidaceae]
- 1086 *Philadelphus mexicanus* (Mexican
mockorange) [Philadelphaceae]
- 1087 *Diplacus longiflorus*
[Scrophulariaceae]
- 1088 *Lupinus arboreus* [Fabaceae]
- 1089 *Rubus nutkanus* Moc. [Rosaceae]
- 1090 *Eriogonum angulosum* [Polygonaceae]
- 1091 *Rhamnus douglasiana* [Rhamnaceae]
- 1092 *Agave schottii* [Amaryllidaceae]
- 1093 *Agave palmeri* [Amaryllidaceae]
- 1094 *Opuntia lata* Small [Cactaceae]
- 1095 *Opuntia stricta* [Cactaceae]
- 1096 *Opuntia arbuscula* Engelmann
[Cactaceae]
- 1097 *Opuntia versicolor* Engelmann
[Cactaceae]
- 1098 *Symphoricarpos rotundifoliae*
[Caprifoliaceae]
- 1099 *Spiraea latifolia* (Meadowsweet)
[Rosaceae]
- 1100 *Gutierrezia wrightii* [Compositae]
- 1101 *Rubus spectabilis* Pursh
(Salmonberry) [Rosaceae]
- 1102 *Kunzia* spp. (=Purshia spp.)
[Rosaceae]
- 1103 *Acer circinatum* (Vine maple)
[Aceraceae]
- 1104 *Lonicera caprifolium* Linnaeus
[Caprifoliaceae]
- 1105 *Spiraea salicifolia* [Rosaceae]
- 1106 *Quercus turbinata* (Scrub oak)
[Fagaceae]
- 1107 *Opuntia tortispina* [Cactaceae]
- 1108 *Eriogonum arborescens* [Polygonaceae]
- 1109 *Eriogonum latifolium* [Polygonaceae]
- 1110 *Rhus toxicodendron* Linnaeus (Poison
ivy,poison sumac) [Anacardiaceae]
- 1111 *Cassia polyantha* Moc. & Sesse.
[Leguminosae]
- 1112 *Cassia wislizenii* Gray [Leguminosae]
- 1113 *Cassia bicapsularis* Linnaeus
[Leguminosae]
- 1114 *Cassia spectabilis* (Showy senna)
[Leguminosae]
- 1115 *Eriogonum jamesii* (James
wildbuckwheat) [Polygonaceae]
- 1116 *Dryas integrifolia* M. Vahl
[Rosaceae]
- 1117 *Eriogonum flavum* (Yellow wild
buckwheat) [Polygonaceae]
- 1118 *Eriogonum kearneyi* Tidestrom
(Kearney wild buckwheat) [Polygonaceae]
- 1119 *Eriogonum racemosum* (Redroot wild
buckwheat) [Polygonaceae]
- 1120 *Lippia lanceolata* Michx.
[Verbenaceae]
- 1121 *Lippia nodiflora* (Mat lippia)
[Verbenaceae]
- 1122 *Lupinus parviflorus* Nuttall
(Lodgepole lupine) [Fabaceae]
- 1123 *Ribes divaricatum* Doulgas (Straggly
gooseberry) [Saxifragaceae]
- 1124 *Rubus chamaemorus* Linnaeus
(Cloudberry) [Rosaceae]
- 1125 *Vaccinium uliginosum* (Bog bilberry)
[Ericaceae]
- 1126 *Yucca constricta* (Buckley yucca)
[Agavaceae]
- 1127 *Eriogonum ovalifolium depressum*
Blankinship [Polygonaceae]
- 1128 *Salix fragilis* [Salicaceae]
- 1129 *Arctostaphylos tomentosa* [Ericaceae]
- 1130 *Arctostaphylos mumularia* [Ericaceae]
- 1131 *Clematis paniculata* [Ranunculaceae]
- 1132 *Garrya elliptica* [Garryaceae]
- 1133 *Heteromeles* spp. [Rosaceae]
- 1134 (Not examined, plant species
undetermined)

Plant Family to Plant Index

This index is organized alphabetically by plant family name. Numbers in the index are listing numbers found in the "Plant Listing."

Aceraceae 9 10 11 12 13 1103
 Agavaceae 577 578 579 580 581 582 583
 584 585 799 800 801 802 803 804 917 934
 980 1126
 Amaryllidaceae 14 17 18 19 629 1092 1093
 Anacardiaceae 446 447 448 449 450 451
 452 453 454 455 456 554 555 734 735 739
 740 746 941 976 1066 1068 1110
 Berberidaceae 108 109 110 111 112 266
 267 347 597 942 1007 1028 1079 1085
 Betulaceae 15 16 24 46 115 116 117 119
 274 886 887 910 921 925 1065
 Bigoniaceae 175 176
 Cactaceae 138 139 216 217 223 235 236
 237 238 239 240 358 359 360 361 362 363
 364 365 366 367 368 369 370 373 374 391
 512 513 514 515 516 568 588 637 642 691
 692 693 694 695 696 697 698 699 700 701
 702 703 704 705 706 716 717 808 811 817
 818 819 820 821 822 823 824 825 828 843
 901 902 944 945 946 947 951 952 953 954
 955 956 957 958 959 960 961 962 963 964
 965 966 967 968 969 970 990 991 992 993
 994 995 996 997 998 999 1071 1072 1073
 1074 1075 1094 1095 1096 1097 1107
 Canotiaceae 136 137
 Caprifoliaceae 332 333 334 335 505 506
 507 508 509 510 511 534 535 536 537 538
 539 540 541 542 543 570 571 572 614 616
 627 678 679 680 681 682 683 785 786 815
 816 920 1035 1036 1098 1104
 Carpinaceae 707 708
 Celastraceae 276 277 278 279 371 372 649
 650
 Chenopodiaceae 22 23 79 80 81 82 83 84
 85 86 87 88 89 90 91 92 93 94 95 96 97 98
 118 132 133 134 135 162 163 280 281 282
 317 318 357 586 587 590 591 594 596 638
 853 888 889 890 948 989 1004 1005
 Compositae 7 8 26 28 29 30 31 43 44 45
 47 54 55 56 57 58 59 60 61 62 63 64 65 66
 67 68 69 70 71 72 73 74 75 76 77 78 99
 100 101 102 103 104 105 106 107 120 121
 122 123 124 125 126 127 128 129 177 178
 179 180 181 182 183 184 185 186 187 188
 189 190 191 192 193 194 195 265 275 283
 284 285 291 292 293 294 307 308 311 313
 319 320 331 377 378 379 388 389 392 393
 400 401 402 530 548 549 550 551 573 574
 575 576 592 593 598 617 619 628 630 631
 633 640 641 651 652 653 654 655 656 657
 658 659 660 661 662 663 669 670 671 672
 673 674 675 712 713 792 812 826 827 831
 832 834 835 842 846 856 857 900 906 927
 936 937 975 977 978 981 982 983 984 986
 987 1003 1006 1008 1009 1012 1018 1019
 1020 1021 1022 1023 1024 1025 1026 1027
 1029 1030 1031 1032 1038 1039 1040 1041
 1042 1057 1059 1061 1076 1077 1100
 Cornaceae 209 210 211 213 644 916 1043
 Corylaceae 214 215 833
 Cupressaceae 309 310 312 667 668 923
 1049 1050 1056

Elaeagnaceae 241 242 518 519 520 521 599
 Ephedraceae 243 244 245 246 247 529 531
 532
 Ericaceae 27 48 49 50 51 52 53 145 146
 147 148 272 273 314 315 316 328 329 350
 351 383 384 385 558 559 560 561 562 563
 618 645 648 793 794 795 796 1001 1002
 1044 1045 1125 1129 1130
 Euphorbiaceae 113 114 286 287
 Fabaceae 39 40 41 42 140 141 202 203 204
 467 524 525 595 639 684 685 686 779 849
 850 851 852 855 881 882 892 893 940 1088
 1122
 Fagaceae 428 429 430 431 432 433 434 435
 438 439 440 728 847 848 949 971 1106
 Garryaceae 270 271 647
 Hydrophyllaceae 248 249 924 1013 1014
 Krameriaceae 321 322 323 324
 Labiatae 297 298 394 395 489 490 501 502
 503 504 777 904 938 939 1062 1078
 Lauraceae 809 974
 Leguminosae 1 2 3 4 5 6 20 21 142 143
 144 164 166 221 222 224 225 226 227 228
 229 230 257 258 299 300 406 407 408 409
 410 494 497 500 517 709 710 711 810 830
 838 839 840 844 845 876 896 898 899 903
 907 908 913 914 915 919 930 935 1010 1011
 1033 1046 1047 1048 1064 1080 1111 1112
 1113 1114
 Loganiaceae 130 131 330 344
 Malphigiaceae 305 306
 Moraceae 689 690 837 1069
 Oleaceae 263 264 348 349 544 545 546 547
 602 646 867 868 933 1060
 Philadelphaceae 261 262 301 302 303 304
 380 381 382 565 569 718
 Pinaceae 926 929 950
 Polemoniaceae 600
 Polygalaceae 396 397 398
 Polygonaceae 250 251 252 253 254 255 256
 533 556 557 564 635 880 897 931 932 979
 1015 1016 1017 1051 1090 1108 1109 1115
 1117 1118 1119 1127
 Ranunculaceae 196 197 198 199 399 403
 416 417 418 626 643 1063
 Rhamnaceae 149 150 151 152 153 154 155
 156 157 158 159 205 206 207 208 343 345
 346 353 390 441 442 443 444 445 608 729
 730 731 732 733 736 737 738 859 860 861
 862 863 864 865 869 870 871 872 873 874
 875 973 985 1052 1053 1091
 Rosaceae 25 32 33 34 35 36 37 38 169 170
 171 172 173 174 200 201 218 219 220 231
 232 233 234 259 260 269 288 289 290 356
 375 376 386 387 404 405 411 412 413 414
 415 419 420 425 426 427 436 437 473 474
 475 476 477 478 479 480 481 482 483 484
 485 486 487 488 526 527 528 566 567 589
 603 604 605 606 607 610 611 615 623 625
 632 634 636 664 719 720 721 722 723 724
 725 726 727 747 748 749 750 751 752 753
 754 755 780 781 782 783 784 829 858 866
 879 891 894 895 918 972 988
 Rubiaceae 665 666
 Rutaceae 421 422 423 424 552 553
 Salicaceae 491 492 493 495 496 498 499
 612 613 620 621 622 624 756 757 758 759
 760 761 762 763 764 765 766 767 768 769
 770 771 772 773 774 775 776 854 883 884
 885 905 1034 1054 1058 1067 1070 1128

Saxifragaceae 268 457 458 459 460 461
462 463 464 465 466 468 469 470 471 472
609 741 742 743 744 745 814 911 912 922
Scrophulariaceae 943 1087
Simmondsiaceae 522 523 778
Solanaceae 336 337 338 339 340 341 342
601 687 688
Sterculiaceae 165 212
Tamaricaceae 787 788 789 790 791 807 878
Ulmaceae 160 161 352 354 355 805 806 877
Verbenaceae 676 677 1120 1121
Vitaceae 797 798
Vitidaceae 714 715
Zygophyllaceae 167 168 325 326 327 813
836 841 909

Plant Common Name to Plant Index

This index is organized alphabetically to plant common name. Numbers in the index are listing numbers found in the "Plant Listing."

Acacia 1
 Agave 17
 Agria 659
 Alder 23
 Ambrosia 222
 Amorpha 32
 Apacheplume 216
 Arrow-wood 779
 Ayenia 133
 Baccharis 79
 Barberry 88
 Bearberry 787 775
 Bebbia 86
 Bernardia 93
 Birch 94
 Bitterbrush 360
 Blackbrush 166 167
 Bladdersage 415
 Bladdersenna 168
 Blueberry 759
 Bluets 551
 Bramble 776
 Brickellia 98
 Broomweed 746
 Buckbrush 780
 Buckthorn 375 379
 Buffaloberry 439
 Burrobrush 246
 Burroweed 743
 Bursage 26 701
 Bushmint 249
 Butterflybush 102
 Camelthorn 20
 Canotia 106
 Cardon 656
 Cassiope 115
 Ceanothus 117
 Chaff-bush 36
 Chamise 677
 Cherry 349
 Chokecherry 585
 Cholla 185
 Chuckawalabush 241
 Cina 660
 Cinquefoil 342
 Cliffrose 181
 Cloudberry 738
 Coffeeweed 781
 Condalia 171
 Coralberry 756
 Coryphantha 180
 Coursetia 184
 Cranberry 760
 Creeper 581
 Creosotebush 274
 Currant, gooseberry 388
 Dalea 186
 Desertrue 470
 Desertsweet 141
 Dewberry 755
 Dogwood 173
 Dryad 192
 Dunebroom 578

Elaeagnus 199
 Elder 427
 Encelia 536
 Ephedra 201
 Eysenhardtia 214
 Fendlerbush 218
 Fendlerella 482
 Ferocactus 501
 Filbert 178
 Fog-fruit 554
 Forestiera 220
 Goldenhead 7
 Goldenweed 541
 Grape 646
 Greasebush 232
 Greasewood 504
 Hackberry 128
 Hardhack 774
 Hecho 657
 Honeylocust 228
 Honeysuckle 280
 Hophornbeam 576
 Hopsage 235
 Hoptree 356
 Horsebrush 466
 Huckleberry 778
 Incienso 535
 Indianfig 307
 Indigofera 251
 Jamesia 253
 Janusia 256
 Jimmyweed 700
 Jojoba 443
 Joshua-tree 495
 Juniper 260
 Kidneywood 215
 Kinnikinnick 41
 Krameria 270
 Laurel 265
 Ledum 276
 Lilac 462
 Lippia 785
 Lupine 562
 Manzanita 37
 Maple 9
 Meadowsweet 725
 Menodora 293
 Menziesia 295
 Mesquite 344 346
 Mockorange 321
 Mountainheath 323
 Ninebark 326
 Oak 363
 Oceanspray 243 747
 Organpipe 658
 Osage-orange 567 568
 Pachistima 312
 Paloverde 132
 Parthenium 579
 Pediocactus 314
 Peraphyllum 316
 Pickleweed 21
 Pincherry 517
 Platypuntia 330
 Pluchea 331
 Polygala 335
 Pricklypear 303
 Raspberry 409
 Redbud 135
 Rockspirea 244
 Rose 405

Rosemarymint 333
 Russian-olive 200
 Sage 425
 Sagebrush 42
 Saguaro 108
 Salmonberry 726
 Saltbush 67
 Sandbur 773
 Seedling 699
 Senna, coffeeeweed 112
 Serviceberry 28
 Shadscale 69
 Silktassel 226
 Silverberry 509
 Silverscale 78
 Snakeweed 238 488 702
 Snowberry 777
 Sophora 445
 Spirea 447
 Sprucebush 318
 Squaw-apple 317
 Sugarbush 753
 Sumac 380
 Swamp-privet 713
 Tamarisk 637
 Tarragon 63
 Thimbleberry 412
 Toyon 767
 Vaquelinia 483
 Viburnum 486
 Virginsbower 162
 Whortleberry 475
 Willow 417
 Winterfat 130
 Wolfberry 284 757
 Wormwood 788
 Yerba-santa 206
 Yucca 492
 Zelkova 651
 acacia, Catclaw 5
 acacia, Fernleaf 4
 acacia, Gumarabic 6
 acacia, Mescat 3
 acacia, Prairie 2
 acacia, Silvergreen wattle 706
 agave, Desert 530
 agave, Kaibab 14
 agave, Parry 19
 agave, Utah 18
 alder, Mountain 715
 alder, New Mexico 16
 alder, Sierra 742
 alder, White 15
 amorpha, California 33
 amorpha, Dwarfindigo 505
 amorpha, Indigobush 35
 amorpha, Leadplant 34
 apacheplume, Common 217
 ayenia, Dwarf 176
 baccharis, Broom 83
 baccharis, Emory 80
 baccharis, Kidneywort 82
 baccharis, Mulefat 85
 baccharis, Seepwillow 81
 baccharis, Squaw 84
 baccharis, Wright 508
 barberry 292
 barberry, Common 507
 barberry, Creeping 92 223
 barberry, Fremont 90 224
 barberry, Japanese 722
 barberry, Red 91
 barberry, Shining 744 770
 barrel, Devil's claw 436
 barrel, Pineapple 435
 bayonet, Spanish 494 649
 beachweed, Silver 771
 beard, Granddaddy gray 714
 bebbia, Rush 87
 berry, Christmas 674
 berry, Lemonade 691
 bilberry, Bog 739
 birch, Bog 95
 birch, Mountain 678
 birch, Paper 230
 birch, Water 96
 bitterbrush, Antelope 362
 bitterbrush, Desert 361
 blackberry, Himalayan 609
 blackberry, Logan 414
 bladdersage, Mexican 416
 bladdersenna, Common 169
 bladdersenna, Medditeranean 170
 blueberry, Box 478
 blueberry, Dwarf 528
 blueberry, Westernbog 643
 brickellia, California 99
 brickellia, Desert 259
 brickellia, Inyo 269
 brickellia, Littleleaf 101
 brickellia, Longleaf 264
 brickellia, Rigid 258
 brickellia, Spiny 231
 brickellia, Tasselflower 100
 brickellia, Watson 279
 brickellia, White 262
 brittlebrush, White 784
 buckthorn, Alder 376
 buckthorn, Birchleaf 591
 buckthorn, California 752
 buckthorn, Cascara 378
 buckthorn, Common 518
 buckthorn, Dahurian 592
 buckthorn, Dyers 596
 buckthorn, Evergreen 672
 buckthorn, Lebanon 593
 buckthorn, Petioled 594
 buckthorn, Rock 595
 buckwheat, California flattop 210
 buckwheat, Kearney wild 733
 buckwheat, Redroot wild 734
 buckwheat, Spreading wild 532
 buckwheat, Sulfur wild 212
 buckwheat, Wild 208
 buckwheat, Yellow wild 732
 buffaloberry, Roundleaf 442
 buffaloberry, Russet 441
 buffaloberry, Silver 440
 bur, Beach 711
 burrobrush, Singlewhorl 247
 burrobrush, White 248
 bursage, Hollyleaf 721
 bursage, San Diego 720
 bursage, Slimleaf 769
 bursage, White 27
 bursage, Woolly 25
 bush, Iodine 22
 bushcherry, Chinese 587
 bushmint, Emory 250
 butterflybush, Orange-eye 278
 butterflybush, Utah 103
 cactus, Barrel 194 195 434

cactus, Button 302
 cactus, Golden barrel 689
 cactus, Hedgehog 197
 cactus, Organpipe 662
 cactus, Plains 315
 cactus, Senita 655 661
 canotia, Mojave 107
 cassiope, Mertens 116
 ceanothus, Blueblossom 126
 ceanothus, California 119
 ceanothus, Deerbrush 122
 ceanothus, Feltleaf 118
 ceanothus, Fendler 120
 ceanothus, Lemmon 289
 ceanothus, Martin 123
 ceanothus, Mojave desert 121
 ceanothus, Mountain whitethorn 290
 ceanothus, Redstem 125
 ceanothus, Snowbrush 127
 ceanothus, Squawcarpet 124
 ceanothus, Wedgeleaf 291 749
 cherry, Bessey 516
 cherry, Bitter 351
 cherry, Catalina 763 671
 cherry, Hollyleaf 586
 cherry, Sloe 588
 chokecherry, Western common 352
 cholla, Buckhorn 304
 cholla, Holycross 574
 cholla, Parish 573
 cholla, Whipple 575
 chuckawalabush, Halls 242
 cinquefoil, Bush 343
 clematis, Columbian 353
 clematis, Oriental 537
 clematis, Rocky Mountain 165
 clematis, Shortplume 338
 cliffrose, Mexican 182
 cliffrose, Stansbury 183
 clover, Castle valley 71
 coffeeberry, California 377
 condalia, Southwestern desert 172
 cotoneaster, Brickberry 371
 cotoneaster, European 354
 cotoneaster, Hedge 533
 cotoneaster, Peking 355
 cotoneaster, Redbead 370
 cotoneaster, Rockspray 710
 cotoneaster, Trailing 673
 cranberry, Wild 645
 creeper, Thicket 582
 creosotebush, Coville 275
 creosotebush, Spreading 654
 currant, American black 519
 currant, Black 681
 currant, California red-flowering 225
 currant, Colorado 599
 currant, Golden 389
 currant, Gooseberry 397
 currant, Indian 453
 currant, Prickly 395
 currant, Rothrock 403
 currant, Sierra 601
 currant, Skunk 392
 currant, Squaw 393
 currant, Sticky 402
 currant, Stink 390
 currant, Wax 391
 currant, Western black 399
 cypress, Summer 267
 dalea, Feather 188
 dalea, Fremont 189
 dalea, King 420
 dalea, Mojave 187
 dalea, Nevada 191
 dalea, Parry 190
 dalea, Thompson 438
 desertrue, Mojave 471
 dogwood, Gray 703
 dogwood, Redosier 174 175
 dogwood, Western 177
 dryad, Mt. Washington 193
 echinocactus, Cottontop 196
 echinocereus, Engelmann 534
 echinocereus, Fendler 437
 elder, American 428
 elder, Blackhead 430
 elder, Blueberry 429 697
 elder, Bunchberry 432
 elder, Mexican 431
 elder, Scarlet 433 524
 encelia, Bush 451
 encelia, California 692
 ephedra, Cutler 452
 ephedra, Green 205
 ephedra, Longleaf 204
 ephedra, Nevada 202
 ephedra, Rough 450
 ephedra, Torrey 203
 eriogonum, Cushion 481
 eriogonum, Slenderbrush 211
 eriogonum, Wright 213
 eriogonum, Wyeth 474
 fendlerbush, Cliff 219
 fendlerella, Utah 485
 filbert, California 179
 fleabane, Marsh 332
 forestiera, New Mexican olive 538
 goldenhead, Rayless 8
 goldenweed, Brickell 543
 goldenweed, Dwarf 547
 goldenweed, Narrowleaf 545
 goldenweed, Rabbitbrush 542
 goldenweed, Rydberg 548
 goldenweed, Singlehead 549
 goldenweed, Watson 550
 goldenweed, Wedgeleaf 544
 goldenweed, Whitestem 546
 gooseberry, European 679
 gooseberry, Henderson 600
 gooseberry, Missouri 603
 gooseberry, Orange 400
 gooseberry, Sierra 401
 gooseberry, Snow 602
 gooseberry, Straggly 737
 gooseberry, Trumpet 396
 gooseberry, Whitestem 394
 grape, Canyon 647
 grape, Oregon 89 696
 greasebush, Dwarf 540
 greasebush, Nevada 233
 greasebush, Spiny 234
 greasewood, Black 500
 hackberry, Common 299
 hackberry, Douglas 298
 hackberry, Nettleaf 297
 hackberry, Spiny 129
 hawthorn, Douglas 404
 hawthorn, Fireberry 502
 hawthorn, River 529
 hazel, California 766
 hazelnut, Beaked 664

hedgehog, Claret cup 198
 honeylocust, Western 745
 honeysuckle, Arizona 556
 honeysuckle, Bush 282 748
 honeysuckle, California 281
 honeysuckle, Grape 560
 honeysuckle, Purpleflower 559
 honeysuckle, Sweetberry 557
 honeysuckle, Tatarian 561
 honeysuckle, Utah 283
 honeysuckle, Western trumpet 558
 hophornbeam, Knowlton 577
 hopsage, Spineless 236
 hopsage, Spiny 237
 hoptree, Baldwin 357
 hoptree, Common 359
 hoptree, Pale 358
 horsebrush, Cottonthorn 469
 horsebrush, Gray 527
 horsebrush, Hairy 641
 horsebrush, Littleleaf 468
 horsebrush, Longspine 467
 huckleberry, Globe 642
 huckleberry, Ovalleaf 644
 indigofera, Sonora 252
 ivy, Poison 758 473 772
 jamesia, California cliff 255
 jamesia, Cliff 254
 janusia, Slender 257
 jojoba, California 444
 jojoba, Goatnut 629
 juniper, Creeping 552
 juniper, Mountain common 261
 juniper, One-seed 553
 juniper, Utah 263
 juniper, Western 708
 kalmia, Alpine bog 266
 krameria, Grays 272
 krameria, Littleleaf 273
 krameria, Range 271
 laurel, California 653
 ledum, Western 277
 lilac, Common 465
 lilac, Greenbark 690
 lilac, Henry 463
 lilac, Late 464
 lilac, Mountain 329
 lippia, Mat 735
 lippia, Wright 555
 lupine, Brewers 563
 lupine, Inyo 564
 lupine, Lodgepole 736
 lupine, Silvery 669
 mahogany, Birchleaf mountain 300
 mahogany, Curlleaf mountain 139
 mahogany, Littleleaf mountain 138
 mahogany, Mountain 137
 mahogany, True mountain 140
 mahonia, Japanese 723
 manzanita, Common 704
 manzanita, Greenleaf 39
 manzanita, Paintleaf 40
 manzanita, Pinemat 38
 manzanita, White leaf 705
 maple, Amur 13
 maple, Bigtooth 11
 maple, Douglas rocky mountain 10
 maple, Dwarf 12
 maple, Vine 727
 maple, Tatarian 741
 menodora, Rough 512

menodora, Spiny 294
 menziesia, Rusty 296
 mesquite, Honey 345
 mesquite, Screwbean 347
 mesquite, Velvet 348
 mittens, Irish 688
 mockorange, Lewis 583
 mockorange, Littleleaf 322
 mockorange, Mexican 724
 molly, Desert 268
 mountainheath, Cream 325
 mountainheath, Red 324
 mulberry, Red 718
 needle, Adam's 680
 ninebark, Common 514
 ninebark, Dwarf 513
 ninebark, Mallow 327
 oak, Arizona white 364
 oak, California scrub 751
 oak, California shrub 365
 oak, Canyon live 764
 oak, Emory 366
 oak, Gambel 367
 oak, Gray 368
 oak, Havard 369
 oak, Netleaf 372
 oak, Palmer 590
 oak, Poison 472 717
 oak, Scrub 728
 oak, Shrub live 373
 oak, Wavyleaf 374
 ocean-spray, Bush 245
 olive, Desert 221
 opuntia, Giant 694
 opuntia, Tuna 311
 pachistima, Myrtle 313
 paloverde, Littleleaf 134
 parthenium, Mariola 580
 peach, Desert 350
 peachbrush, Anderson 584
 peashrub, Pygmy 111
 peashrub, Siberian 110
 phlox, Prickly 510
 pine, Pinyon 682
 pine, Singleleaf pinyon 684
 plum, American 515
 plum, Klamath 589
 polygala, Spiny 337
 polygala, Thorn 336
 pricklypear, Cinnamon 686
 pricklypear, Eve's-pin 687
 pricklypear, Arizona jumping 569
 pricklypear, Beavertail 305
 pricklypear, Brittle 308
 pricklypear, Dollarjoint 570
 pricklypear, Grizzlybear 571
 pricklypear, Plains 310
 pricklypear, Purple-fruited 309
 pricklypear, Smooth 572
 pricklypear, Strawtop 306
 rabbitbrush, Alkali 144
 rabbitbrush, Depauperate 320
 rabbitbrush, Douglas 157
 rabbitbrush, Dwarf 145
 rabbitbrush, Green rubber 151
 rabbitbrush, Greenes 146
 rabbitbrush, Hairy low 160
 rabbitbrush, Howard 155
 rabbitbrush, Mountain low 159
 rabbitbrush, Mountain rubber 150
 rabbitbrush, Narrowleaf low 161

rabbitbrush, Nevada 156
 rabbitbrush, Parry 153 154
 rabbitbrush, Roundleaf 340
 rabbitbrush, Rubber 148 328
 rabbitbrush, Southwest 339
 rabbitbrush, Spreading 147
 rabbitbrush, Stickyleaf low 158
 rabbitbrush, Threadleaf rubber 152
 rabbitbrush, Vasey 341
 rabbitbrush, White rubber 149
 ragweed, Common 667
 ragweed, Giant 668 685
 ragweed, Slender 693
 ragweed, Small 768
 ragweed, Western 786 683
 raspberry, American red 413
 raspberry, Blackcap 521
 raspberry, New Mexican 411 610
 raspberry, Red 410
 redbud, California 136
 rose, Arkansas 520
 rose, Balhip 605
 rose, Desert 608
 rose, Japanese 607
 rose, Mancos 606
 rose, Nootka 406
 rose, Prickly 407
 rose, Sweetbrier 604
 rose, Woods 408
 rosemarymint, Hoary 334
 sage, White 426
 sagebrush, Alkali 46
 sagebrush, Basin big 52
 sagebrush, Big 51
 sagebrush, Bigelow 44
 sagebrush, Birdfoot 65
 sagebrush, Black 47
 sagebrush, Bud 66
 sagebrush, Carruth 59
 sagebrush, Fringed 58
 sagebrush, Longleaf 60
 sagebrush, Louisiana 61
 sagebrush, Low 43
 sagebrush, Michaux 62
 sagebrush, Mountain big 54
 sagebrush, Mountain silver 665
 sagebrush, Pygmy 48
 sagebrush, Sand 64
 sagebrush, Scabland 782
 sagebrush, Silver 45 666
 sagebrush, Stiff 49
 sagebrush, Threetip 55
 sagebrush, Timberline 50
 sagebrush, Wyoming big 53
 sagewort, Falsetarragon 663
 saguaro, Giant 109 695 719
 saltbrush, Australian 301
 saltbrush, Wedgescale 105
 saltbrush, Welsh 104
 saltbush, Big 75
 saltbush, Broadscale 76
 saltbush, Cattle 77
 saltbush, Desertholly 74
 saltbush, Fourwing 68
 saltbush, Gardner 72
 saltbush, Garrett 73
 saltbush, Mat 70
 saltbush, Nuttall 506
 saltbush, Parry 97
 senna, Desert 113
 senna, Goldenshower 707
 senna, Hairy 114
 senna, Showy 730
 serviceberry, Mountain 30
 serviceberry, Pacific 24
 serviceberry, Saskatoon 29
 serviceberry, Utah 31
 silktassel, Wright 227
 snakeweed, Broom 240 491
 snakeweed, California 239
 snakeweed, Sticky 489
 snakeweed, Threadleaf 490
 snowberry, Common 454
 snowberry, Creeping 455
 snowberry, Longflower 456
 snowberry, Mountain 458
 snowberry, Roundleaf 459 636
 snowberry, Utah 460
 snowberry, Western 457 526
 snowberry, Whortleleaf 461
 soapweed, Small 762
 sophora, Arizona 630
 sophora, Mescalbean 446
 spiraea, Dwarf 525
 spirea, Birchleaf 448
 spirea, Douglas 633
 spirea, Hoary 631
 spirea, Pyramid 634
 spirea, Sargent 635
 spirea, Shinyleaf 449
 spirea, Subalpine 632
 sprucebush, Schotts 319
 sumac, Emory 383
 sumac, Flameleaf 382
 sumac, Fragrant 381
 sumac, Littleleaf 598
 sumac, Poison 729
 sumac, Rocky Mountain smooth 597
 sumac, Skunkbush 386
 sumac, Smooth 384
 sumac, Squawbush 754
 sumac, Staghorn 387
 sumac, Sugar 385
 tamarisk, Fivestamen 638 639
 tamarisk, Fourstamen 640
 tree, Pea 398
 trefoil, Shrubby 750
 vauquelinia, Torrey 484
 viburnum, Laurestinus 698
 vine, Matrimony 511 565
 virburnum, Nannyberry 487
 virginsbower, Western 163 164
 whortleberry, Big 476
 whortleberry, Grouse 480
 whortleberry, Myrtle 477
 whortleberry, Red 479
 wildbuckwheat, Corymbd 209
 wildbuckwheat, James 731
 willow, Arroyo 622
 willow, Barclay 611
 willow, Barrenground 612
 willow, Black 709
 willow, Blueberry 624
 willow, Cascades 613
 willow, Coulter 421
 willow, Coyote 783
 willow, Desert 142 143
 willow, Drummond 615
 willow, Dusky 422
 willow, Feltleaf 418
 willow, Geyer 616

willow, Grayleaf 617
willow, Jepson 618
willow, Lemmons 623
willow, Mackenzie 627
willow, Meadow 523
willow, Nettleaf 424
willow, Nuttall 716
willow, Pacific 620
willow, Polished 619
willow, Purplecosier 626
willow, Pussy 675
willow, Sandbar 522
willow, Scouler 712
willow, Shining 676
willow, Sierra 625
willow, Smooth bebb 419
willow, Smooth-leaf 765
willow, Snow 423
willow, Tweedy's 628
willow, Undergreen 614
willow, Weeping 670
willow, Whiplash 621
winterfat, Common 131

wintergreen, Slender 539
wintergreen, Western 229
wolfberry, Anderson 285
wolfberry, Cooper 566
wolfberry, Fremont 286
wolfberry, Pale 287
wolfberry, Torrey 288
wormwood, Common 57
wormwood, Mugwort 503
wormwood, Oldman 56
wormwood, Sagewort 531
yerba-santa, Narrowleaf 207
yucca, Bailey 648
yucca, Buckley 740
yucca, Datil 761
yucca, Fineleaf 493
yucca, Great plains 497
yucca, Harriman 498
yucca, Mohave 650
yucca, Schotts 499
yucca, Soaptree 496
zelkova, Japanese 652

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A computer-generated compilation of bibliographic and collection information about insects associated with wildland shrubs in the Western United States. Various listings and indexes are provided to allow location of information according to subject, title key word, author, insect common names, scientific name, family, order, or guild, and plant scientific name, common name, or family.

KEYWORDS: range entomology, rangeland shrubs, bibliography, insect collections

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