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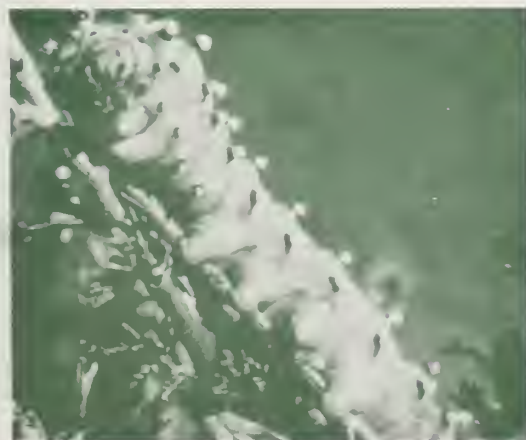
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Index to Information
on Insects Associated
With Western
Wildland Shrubs

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U.S. FOREST SERVICE
INTERMOUNTAIN RESEARCH STATION
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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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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)

46 UT. Uintah Co. 20 May 1976 Salix spp. (USU)

47 UT. Uintah Co. 20 May 1976 Sarcobatus vermiculatus (USU)

48 UT. Uintah Co. 7 June 1975 Sarcobatus vermiculatus (USU)

49 UT. Uintah Co. 7 June 1975 Atriplex spp. (USU)

50 UT. Uintah Co. 7 June 1975 Amelanchier spp. (USU)

51 UT. Uintah Co. 7 June 1975 Tetradymia canescens (USU)

52 UT. Uintah Co. 7 June 1975 Salix spp. (USU)

53 UT. Uintah Co. 7 June 1975 Chrysothamnus nauseosus (USU)

54 UT. Uintah Co. 7 June 1975 Chrysothamnus spp. (USU)

55 UT. Box Elder Co. 21 August 1973 Chrysothamnus viscidiflorus (USU)

56 UT. Box Elder Co. 21 August 1973 Atriplex confertifolia (USU)

57 UT. Uintah Co. 14 July 1975 Sarcobatus vermiculatus (USU)

58 UT. Uintah Co. 14 July 1975 Atriplex canescens (USU)

59 UT. Uintah Co. 14 July 1975 Chrysothamnus spp. (USU)

60 UT. Uintah Co. 14 July 1975 Chrysothamnus viscidiflorus (USU)

61 UT. Uintah Co. 14 July 1975 Atriplex spp. (USU)

62 UT. Uintah Co. 14 July 1975 Chrysothamnus nauseosus (USU)

63 UT. Uintah Co. 14 July 1975 Tamarix spp. (USU)

64 UT. Uintah Co. 14 July 1975 Juniperus spp. (USU)

65 UT. Uintah Co. 14 July 1975 Salix spp. (USU)

66 UT. Uintah Co. 14 July 1975 Tetradymia canescens (USU)

67 UT. Uintah Co. 14 July 1975 Artemisia tridentata (USU)

68 UT. Uintah Co. 4 August 1976 Artemisia spp. (USU)

69 UT. Uintah Co. 4 August 1976 Tamarix gallica (USU)

70 UT. Uintah Co. 4 August 1976 Salix spp. (USU)

71 UT. Uintah Co. 4 August 1976 Clematis ligusticifolia (USU)

72 UT. Uintah Co. 4 August 1976 Rhus ovata (USU)

73 UT. Uintah Co. 4 August 1976 Chrysothamnus spp. (USU)

74 UT. Uintah Co. 4 August 1976 Chrysothamnus viscidiflorus (USU)

75 ID. Bonneville Co. 21 July 1975 Tetradymia canescens (USU)

76 ID. Bonneville Co. 21 July 1975 Chrysothamnus spp. (USU)

77 ID. Bonneville Co. 21 July 1975 Atriplex canescens (USU)

78 ID. Bonneville Co. 21 July 1975 Tetradymia spp. (USU)

79 UT. Uintah Co. 9 September 1976 Amelanchier spp. (USU)

80 UT. Uintah Co. 9 September 1976 Rhus trilobata (USU)

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

82 UT. Uintah Co. 9 September 1976 Salix spp. (USU)

83 UT. Uintah Co. 9 September 1976 Gutierrezia sarothrae (USU)

84 UT. Uintah Co. 9 September 1976 Tamarix gallica (USU)

85 UT. Uintah Co. 9 September 1976 Atriplex spp. (USU)

86 UT. Uintah Co. 9 September 1976 Artemisia tridentata (USU)

87 UT. Uintah Co. 9 September 1976 Rhus ovata (USU)

88 UT. Uintah Co. 18 September 1975 Artemisia tridentata (USU)

89 UT. Uintah Co. 18 September 1975 Sarcobatus vermiculatus (USU)

90 UT. Uintah Co. 18 September 1975 Eriogonum spp. (USU)

91 UT. Uintah Co. 18 September 1975 Chrysothamnus viscidiflorus (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
Atriplex confertifolia (USU)

286 UT. Uintah Co. 9 June 1976
Sarcobatus vermiculatus (USU)

287 UT. Uintah Co. 30 August 1975 Rhus
ovata (USU)

288 ID. Bonneville Co. 7 June 1975
Artemisia spp. (USU)

289 ID. Bonneville Co. 6 July 1975
Artemisia spinescens (USU)

290 UT. Box Elder Co. 4 May 1975
Chrysothamnus viscidiflorus (USU)

291 UT. Uintah Co. 9 September 1976
Clematis ligusticifolia (USU)

292 UT. Uintah Co. 13 May 1975 Ribes
aureum (USU)

293 UT. Box Elder Co. 24 July 1973
Atriplex confertifolia (USU)

294 UT. Uintah Co. 7 June 1975 Ribes
aureum (USU)

295 UT. Uintah Co. 10 September 1975
Opuntia spp. (USU)

296 UT. Uintah Co. 30 August 1975
Cowania spp. (USU)

297 UT. Uintah Co. 9 September 1976
Atriplex confertifolia (USU)

298 UT. Uintah Co. 10 September 1976
Chrysothamnus viscidiflorus (USU)

299 UT. Box Elder Co. 27 June 1973
Artemisia tridentata (USU)

300 UT. Box Elder Co. 3 July 1973
Artemisia tridentata (USU)

301 UT. Box Elder Co. 26 August 1969
Chrysothamnus viscidiflorus (USU)

302 UT. Box Elder Co. 10 August 1973
Chrysothamnus viscidiflorus (USU)

303 WY. Lincoln Co. 12 September 1979
Artemisia tridentata (USU)

304 WY. Lincoln Co. 17 July 1980
Sarcobatus vermiculatus (USU)

305 WY. Lincoln Co. 27 May 1980 Prunus
virginiana (USU)

306 WY. Lincoln Co. 27 May 1980
Artemisia spp. (USU)

307 WY. Lincoln Co. 12 September 1979
Chrysothamnus nauseosus (USU)

308 WY. Lincoln Co. 24 June 1980
Juniperus scopulorum (USU)

309 WY. Lincoln Co. 12 September 1979
Amelanchier spp. (USU)

310 WY. Lincoln Co. 12 September 1979
Symphoricarpos spp. (USU)

311 WY. Lincoln Co. 27 May 1980
Juniperus scopulorum (USU)

312 WY. Lincoln Co. 24 June 1980
Ceratooides lanata (USU)

313 WY. Lincoln Co. 27 May 1980
Artemisia tridentata (USU)

314 WY. Lincoln Co. 9 July 1980
Artemisia tridentata (USU)

315 WY. Lincoln Co. 4 September 1980
Artemisia spp. (USU)

316 WY. Lincoln Co. 9 July 1980
Juniperus scopulorum (USU)

317 WY. Lincoln Co. 27 May 1980
Amelanchier spp. (USU)

318 WY. Lincoln Co. 27 June 1980
Chrysothamnus viscidiflorus (USU)

319 WY. Lincoln Co. 3 July 1980
Artemisia tridentata (USU)

320 WY. Lincoln Co. 24 July 1980
Eriogonum spp. (USU)

321 WY. Lincoln Co. 31 July 1980
Chrysothamnus nauseosus (USU)

322 WY. Lincoln Co. 17 July 1980
Chrysothamnus nauseosus (USU)

323 WY. Lincoln Co. 31 July 1980
Artemisia spp. (USU)

324 WY. Lincoln Co. 21 August 1980
Chrysothamnus nauseosus (USU)

325 WY. Lincoln Co. 3 July 1980
Ceratooides lanata (USU)

326 WY. Lincoln Co. 21 August 1980
Artemisia spp. (USU)

327 WY. Lincoln Co. 24 July 1980
Sarcobatus vermiculatus (USU)

328 WY. Lincoln Co. 13 September 1980
Chrysothamnus nauseosus (USU)

329 WY. Lincoln Co. 24 July 1980
Ceratooides lanata (USU)

330 WY. Lincoln Co. 31 July 1980
Eriogonum spp. (USU)

331 WY. Lincoln Co. 4 August 1980
Artemisia spp. (USU)

332 WY. Lincoln Co. 4 August 1980
Tetradymia canescens (USU)

333 WY. Lincoln Co. 24 June 1980
Sarcobatus vermiculatus (USU)

334 WY. Lincoln Co. 24 June 1980
Chrysothamnus spp. (USU)

335 WY. Lincoln Co. 24 July 1980
Tetradymia canescens (USU)

336 WY. Lincoln Co. 24 June 1980
Artemisia spp. (USU)

337 WY. Lincoln Co. 17 July 1980
Ceratooides lanata (USU)

338 WY. Lincoln Co. 13 August 1980
Ceratooides lanata (USU)

339 WY. Lincoln Co. 29 August 1980
Artemisia spp. (USU)

340 WY. Lincoln Co. 17 July 1980
Artemisia tridentata (USU)

341 WY. Lincoln Co. 13 August 1980
Chrysothamnus nauseosus (USU)

342 WY. Lincoln Co. 31 July 1980
Ceratooides lanata (USU)

343 WY. Lincoln Co. 24 July 1980
Chrysothamnus spp. (USU)

344 WY. Lincoln Co. 24 July 1980
Artemisia spp. (USU)

345 WY. Lincoln Co. 13 August 1980
Sarcobatus vermiculatus (USU)

346 WY. Lincoln Co. 31 July 1980
Tetradymia canescens (USU)

347 WY. Lincoln Co. 21 August 1980
Ceratooides lanata (USU)

348 WY. Lincoln Co. 9 July 1980 Purshia
tridentata (USU)

349 WY. Lincoln Co. 4 August 1980
Eriogonum spp. (USU)

350 WY. Lincoln Co. 24 June 1980
Artemisia tridentata (USU)

351 WY. Lincoln Co. 24 July 1980
Atriplex spp. (USU)

352 WY. Lincoln Co. 17 July 1980
Eriogonum spp. (USU)

353 WY. Lincoln Co. 7 August 1981
Chrysothamnus nauseosus (USU)

354 WY. Lincoln Co. 13 August 1980
Artemisia spp. (USU)

355 WY. Lincoln Co. 21 August 1980
Sarcobatus vermiculatus (USU)

356 WY. Lincoln Co. 29 August 1980
Chrysothamnus nauseosus (USU)

357 WY. Lincoln Co. 9 July 1980
Chrysothamnus spp. (USU)

358 WY. Lincoln Co. 27 May 1980
Ceratooides lanata (USU)

359 WY. Lincoln Co. 13 August 1980
Artemisia tridentata (USU)

360 WY. Lincoln Co. 9 July 1980
Ceratooides lanata (USU)

361 WY. Lincoln Co. 10 June 1980
Chrysothamnus nauseosus (USU)

362 WY. Lincoln Co. 29 August 1980
Artemisia tridentata (USU)

363 WY. Lincoln Co. 3 July 1980
Chrysothamnus spp. (USU)

364 WY. Lincoln Co. 7 August 1980
Chrysothamnus nauseosus (USU)

365 WY. Lincoln Co. 9 July 1980
Artemisia spp. (USU)

366 WY. Lincoln Co. 3 July 1980
Artemisia spp. (USU)

367 WY. Lincoln Co. 10 June 1980
Artemisia spp. (USU)

368 WY. Lincoln Co. 10 June 1980
Juniperus scopulorum (USU)

369 WY. Lincoln Co. 4 August 1980
Sarcobatus vermiculatus (USU)

370 UT. Sanpete Co. 7 September 1979
Artemisia tridentata (USU)

371 WY. Lincoln Co. 12 July 1983
Eriogonum spp. (USU)

372 WY. Lincoln Co. 3 August 1981
Chrysothamnus spp. (USU)

373 WY. Lincoln Co. 4 September 1980
Artemisia spp. (USU)

374 WY. Lincoln Co. 13 July 1983
Lupinus spp. (USU)

375 WY. Lincoln Co. 12 September 1979
Sarcobatus vermiculatus (USU)

376 WY. Lincoln Co. 6 August 1981
Lupinus spp. (USU)

377 WY. Lincoln Co. 2 September 1981
Chrysothamnus spp. (USU)

378 WY. Lincoln Co. 14 August 1981
Chrysothamnus spp. (USU)

379 WY. Lincoln Co. 17 September 1980
Artemisia spp. (USU)

380 WY. Lincoln Co. 2 September 1981
Amelanchier spp. (USU)

381 WY. Lincoln Co. 29 August 1980
Ceratooides 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
Ceratooides 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
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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
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424 WY. Lincoln Co. 10 June 1980
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425 WY. Lincoln Co. 24 July 1980
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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
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429 WY. Lincoln Co. 17 September 1980
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430 WY. Lincoln Co. 13 July 1983
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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
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437 WY. Lincoln Co. 4 August 1980
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438 WY. Lincoln Co. 31 July 1980
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439 CO. Weld Co. 6 September 1971
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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
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452 CO. Weld Co. 13 September 1972
Gutierrezia sarothrae (UW)

453 CO. Weld Co. 20 September 1971
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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*
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462 CO. Weld Co. 17 August 1971
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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
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469 CO. Weld Co. 13 September 1972
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470 CO. Weld Co. 7 August 1972
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471 CO. Weld Co. 15 April 1971 *Atriplex*
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472 CO. Weld Co. 5 September 1971
Eriogonum effusum (UW)

473 CO. Weld Co. 24 July 1971
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474 CO. Weld Co. 7 August 1972
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475 CO. Weld Co. 20 August 1971
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476 CO. Weld Co. 10 August 1971 *Yucca*
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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
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485 CO. Weld Co. 28 June 1976 Salix
exigua (UW)

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

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Plant to Collection Index

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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: Anthocoridae] 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 *Pitedia 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 beet 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 *Cryptocephalus 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 *Gillettiella 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 *Oecleidius nanus* Van Duzee [Homoptera: Kinnaridae]
- 241 *Steatococcus townsendi* (Cockerell) [Homoptera: Margarodidae]
- 242 *Micrutalis calva* (Fitch) [Homoptera: Membracidae]
- 243 *Spissistilus festinus* (Say) [Homoptera: Membracidae] Immature/Adult Guild: Stem feeder/Stem feeder
- 244 *Stictopelta marmorata* Goding [Homoptera: Membracidae]
- 245 *Vanduzea 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: Tiphiidae]
- 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 *Hyperaspidium comparatus* Casey [Coleoptera: Coccinellidae]
- 324 *Hyperaspidium 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] Immature/Adult Guild: ?/Flower, fruit, leaf feeder 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 (Fuscous ant) [Hymenoptera: Formicidae]
- 368 *Chlorochroa uhleri* Stal (Green stink bug) [Hemiptera: Pentatomidae] 390 *Formica fusca gelida* Wheeler (Fuscous ant) [Hymenoptera: Formicidae]
- 369 *Chlorochroa persimilis* Horv.
[Hemiptera: Pentatomidae] 391 *Formica fusca neorufibarbis* Emery (Fuscous ant) [Hymenoptera: Formicidae]
- 370 *Thyanta custator* (Fabricius) (Red-shouldered stink bug) [Hemiptera: Pentatomidae] 392 *Formica fusca subanescens* Emery (Fuscous ant) [Hymenoptera: Formicidae]
- 371 *Thyanta rugulosa* (Say) [Hemiptera: Pentatomidae] Immature/Adult Guild: Leaf, stem feeder/Leaf, stem feeder 393 *Formica manni* Wheeler [Hymenoptera: Formicidae]
- 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 platura* (=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 difficilus* [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 *Phyllophidea 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 *Texanus* 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 *Evylaeus* 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 *Dendrocercus* spp. [Hymenoptera: Ceraphronidae]
- 578 *Coccinella novemnotata* Herbst. [Coleoptera: Coccinellidae]
- 579 *Empoasca conspersa* [Homoptera: Cicadellidae]
- 580 *Idiocercus 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 frigida* (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 frigida* (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 *Rileyia 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 tetradymia* [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* Borner
[Collembola: Entomobryidae]
- 783 *Pseudosinella sexoculata* Schott
[Collembola: Entomobryidae]
- 784 *Spinisotoma dispersa* Wray
[Collembola: Entomobryidae]
- 785 *Tomocerus flavescens* Tullberg
[Collembola: Entomobryidae]
- 786 *Megalothorax incerfoides* 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* Borner
[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 *Hyperaspidium* 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* (Lepelletier) [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* (Lepeletier) [Hymenoptera: Sphecidae]
- 989 *Prionyx canadensis* (Provancher) [Hymenoptera: Sphecidae]
- 990 *Prionyx thomae* (F.) [Hymenoptera: Sphecidae]
- 991 *Sphex 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 autolytus* 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 *Orasema 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 *Glaucoopsyche 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 HesperIIDae spp. (Skipper) [Lepidoptera: HesperIIDae] 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 Bethylinidae spp. [Hymenoptera: Bethylinidae] 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 Scoliidae spp. [Hymenoptera: Scoliidae]
- 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 edulicolus* 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 albiovittella* (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 *Quadraspidotus 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 acraea* (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 ellioti* (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 owyheeii* 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* Coquillet [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 fuscocriptata* 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* Grlt. [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 *Merisinae* 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 tetrapteralis*
(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 zerozous* (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 *Whalgreniella 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 *Chaetophlepsis tarsalis* Tns. [Diptera: Tachinidae]

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

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

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

2274 *Leucostoma aciostre* 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 *Syrpitta 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 quadrivitattus* 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 *Ospriocerus 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* (Newmoegen & 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 aterrима* 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 magnautensis* 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 *Apteronax 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
(Conspere 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 quinquelinea* (Packard) [Lepidoptera: Geometridae]
- 2612 *Archips argyrosphilus* (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 quadricalloso* 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* Coquillet (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 tricostata 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: Trogidae]
- 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 fuscinervosus* 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 quatuorpuustulatus*
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 *Phoegenes* 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: Bethyridae]
- 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* Rohrwer [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 clarivadus* (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 crystleae* 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 decisus* (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 Schwarzziella 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 Trioxys spp. [Hymenoptera: Braconidae]
- 3371 Trioxys 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 astraia* [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 *Melanotrichus 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:
Scoliidae]
- 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 uncinatus* 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 *Ocyrtamus 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 *Scleroracus 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] 3682 *Pandemis canadana* Kearfott
[Lepidoptera: Tortricidae] Immature/Adult Guild: Leafroller/?
- 3665 *Aphis* spp. [Homoptera: Aphididae] 3683 *Pseudexentera oregonana* (Walsingham)
[Lepidoptera: Olethreutidae] Immature/Adult Guild: Leafroller/?
Overwintering Stage: Pupae Generations
Per Year: 1
- 3666 *Pseudoepameibaphis* spp.
[Homoptera: Aphididae] 3684 *Alsophila pometaria* (Harris)
[Lepidoptera: Geometridae] Immature/Adult Guild: Skeletonizer/?
Oviposition Medium: Twig, branch surfaces
- 3667 *Aphalonema* spp. [Homoptera: Issidae] 3685 *Biston cognataria* (Guenee) (Pepper-
and-salt moth) [Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
- 3668 *Hysteroptera cornutatum* (Melich)
[Homoptera: Issidae] 3686 *Erannis vancouverensis* Hulst
[Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
- 3669 *Thionia cornutatum* Van Duzee
[Homoptera: Issidae] 3687 *Itame loricaria* (Eversmann)
[Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
- 3670 *Petrova albicapitana arizonensis*
(Heinrich) [Lepidoptera: Olethreutidae] Immature/Adult Guild: Wood borer/?
- 3671 *Oeme costata* LeConte [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood
borer/? 3688 *Operophtera bruceata* (Hulst) (Bruce
spanworm) [Lepidoptera: Geometridae] Immature/Adult Guild: Leaf feeder/?
Overwintering Stage: Eggs Oviposition
Medium: Bark crevices
- 3672 *Pityogenes knechteli* Swaine
[Coleoptera: Scolytidae] Immature/Adult
Guild: Bark beetle/Bark beetle 3689 *Lithocolletis tremuloidiella* Braun
(Aspen blotchminer) [Lepidoptera:
Gracilariidae] Immature/Adult Guild:
Leaf miner/?
- 3673 *Chrysobothris trinervia* (Kirby)
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium:
Bark surfaces 3690 *Phyllocnistis populiella* Chambers
(Aspen leafminer) [Lepidoptera:
Gracilariidae] Immature/Adult Guild:
Leaf miner/? Overwintering Stage: Adults
Generations Per Year: 1
- 3674 *Melanophila piniedulis* Burke
[Coleoptera: Buprestidae] Immature/Adult
Guild: Wood borer/? Oviposition Medium:
Bark surfaces 3691 *Procryphalus mucronatus* (LeConte)
[Coleoptera: Scolytidae] Immature/Adult
Guild: Bark beetle/Bark beetle
- 3675 *Stephanophachys sobrinus* (Paykull)
[Coleoptera: Bostrichidae] Immature/Adult
Guild: Wood borer/? 3692 *Trypophloeus populi* (Hopkins)
[Coleoptera: Scolytidae] Immature/Adult
Guild: Bark beetle/Bark beetle
- 3676 *Chrysomela crotchi* Brown
[Coleoptera: Chrysomelidae] Immature/Adult
Guild: ?/Leaf feeder 3693 *Trypophloeus thatcheri* Wood
[Coleoptera: Scolytidae] Immature/Adult
Guild: Bark beetle/Bark beetle
- 3677 *Acronicta lepusculina* Guenee
(Cottonwood dagger moth) [Lepidoptera:
Noctuidae] Immature/Adult Guild: Leaf
feeder/? 3694 *Laspeyresia populana* Busck
[Lepidoptera: Olethreutidae]
- 3678 *Orthosia hibisci* (Guenee)
[Lepidoptera: Noctuidae] Immature/Adult
Guild: Leaf feeder/? 3695 *Trypodendron retusum* (LeConte)
[Coleoptera: Scolytidae] Immature/Adult
Guild: Bark beetle/Bark beetle
- 3679 *Anacampsis niveopulvella* (Chambers)
[Lepidoptera: Gelechiidae] Immature/Adult
Guild: Leaf feeder/? 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
- 3680 *Choristoneura conflictana* (Walker)
(Large aspen tortrix) [Lepidoptera:
Tortricidae] Immature/Adult Guild:
Defoliator, leafroller/?
- 3681 *Epinotia criddleana* (Kearfott)
[Lepidoptera: Olethreutidae]

- 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 *Lochmaoecles 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 dicipiens* (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 doloroa* 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 clivinaris 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 *Trichochoerus 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 *Apantesis 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 *Kaloterme arizonensis* Snyder
[Isoptera: Kalotermitidae]
Immature/Adult Guild: Termite/Termite

4010 *Kaloterme 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 hederæ* (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 fioriniae* (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 ancyclus* (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 salcicola* 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:
Cimbricidae] Immature/Adult Guild: Leaf
feeder/?
- 4164 *Trichiosoma lanuginosa* Norton
[Hymenoptera: Cimbricidae] 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 paucicatrices* 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* Newn. [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 *Microlarinus 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 *Microlarinus 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 *Sphycocoris 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 *Microrhopala 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 *Heliococcus 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 *Gertaeckeria* 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 *Anoplodera jacintata* Linsley [Coleoptera: Cerambycidae]
- 4639 *Olyca junctolineela* (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 *Zothea 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 grandiculum* (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 lilaceus* 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 *Euphoeades eurymedon* (Lucas) [Lepidoptera: Papilionidae]
- 5071 *Euphoeades glaucus* (Linnaeus) [Lepidoptera: Papilionidae]
- 5072 *Euphoeades multicaudatus* (Kirby) [Lepidoptera: Papilionidae]
- 5073 *Euphoeades 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 limbolarius* (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 *Mecomyceter 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 eglanterina nuttalli* Strecker [Lepidoptera: Saturniidae]
- 5240 *Copablepharon canariana* McDunnough [Lepidoptera: Noctuidae]
- 5241 *Schinia alba* fascia Smith [Lepidoptera: Noctuidae]
- 5242 *Gyros muiri* (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 *Steveniopsis 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 coeruleans* 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: Bethylinidae]
- 5418 *Sierolomorpha nigrescens* Evans
[Hymenoptera: Sierolomorphidae]
- 5419 *Odontophotopsis pudica* (Melandner)
[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 whymeri 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 ruidosensis* (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 submarginata* (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 indeprensa* (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 *Symmorphus meridionalis* Viereck
[Hymenoptera: Eumenidae]
- 5538 *Symmorphus cristatus nevadensis*
(Cameron) [Hymenoptera: Eumenidae]
- 5539 *Symmorphus 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]
- 5569 *Megachile brevis* Say [Hymenoptera: Megachilidae]
- 5570 *Megachile concinna* Smith [Hymenoptera: Megachilidae]
- 5571 *Megachile gemula* Cresson [Hymenoptera: Megachilidae]
- 5572 *Megachile montivaga* Cresson [Hymenoptera: Megachilidae]
- 5573 *Megachile rotundata* (Fabricius) [Hymenoptera: Megachilidae]
- 5574 *Osmia kincaidii* Cockerell [Hymenoptera: Megachilidae]
- 5575 *Proteriades bullifacies* (Michener) [Hymenoptera: Megachilidae]
- 5576 *Proteriades mojavnensis* (Michener) [Hymenoptera: Megachilidae]
- 5577 *Aspidiotus camelliae* Signoret (Greedy scale) [Homoptera: Diaspididae]
- 5578 *Chrysomphalus aurantii* (Maskell) (Red scale) [Homoptera: Diaspididae]
- 5579 *Tetraleurodes acaciae* (Quaintance) (Acacia whitefly) [Homoptera: Aleyrodidae]
- 5580 *Scobicia suturalis* (Horn) [Coleoptera: Bostrichidae]
Immature/Adult Guild: Wood borer/?
- 5581 *Polycaon confertus* LeConte (Branch and twig borer) [Coleoptera: Bostrichidae] Immature/Adult Guild: Wood borer/Wood borer
- 5582 *Pantomorus godmani* (Crotch) (Fuller's rose weevil) [Coleoptera: Curculionidae] Immature/Adult Guild: Root feeder/? Oviposition Medium: Bark crevices
- 5583 *Sabulodes caberata* Guenee (Omnivorous looper) [Lepidoptera: Geometridae] Overwintering Stage: Adults, eggs, larvae Oviposition Medium: Leaf surfaces Generations Per Year: Several
- 5584 *Tortrix citrana* Fernald (Orange tortrix) [Lepidoptera: Tortricidae] Immature/Adult Guild: Fruit, leaf feeder/? Oviposition Medium: Leaf surfaces
- 5585 *Taeniothrips inconsequens* (Uzel) (Pear thrips) [Thysanoptera: Thripidae] Immature/Adult Guild: Bud, flower, leaf feeder/Bud, flower, leaf feeder
- 5586 *Rhizaecus terrestris* (Newstead) (Ground mealybug) [Homoptera: Eriococcidae]
- 5587 *Aeolothrips kuwanai* Moulton (Kuwana's thrips) [Thysanoptera: Aeolothripidae]
- 5588 *Eriococcus adenostomae* Ehrhorn [Homoptera: Eriococcidae]
- 5589 *Pseudococcus crawi* (Coquillett) (White sage mealybug) [Homoptera: Pseudococcidae] Immature/Adult Guild: Sap feeder: leaves, stems/Sap feeder: leaves, stems
- 5590 *Lecaniodiaspis rufescens* (Cockerell) (Chamise scale) [Homoptera: Asterolecaniidae]
- 5591 *Hoplia callipyge* LeConte (Grapevine hoplia) [Coleoptera: Scarabaeidae] Immature/Adult Guild: ?/Bud, flower feeder
- 5592 *Haltica foliacea* LeConte (Apple flea beetle) [Coleoptera: Chrysomelidae]
- 5593 *Amitermes arizonensis* Banks (Arizona termite) [Isoptera: Termitidae] Immature/Adult Guild: Termite/Termite
- 5594 *Parthenothrips dracaenae* (Heeger) (Dracaena thrips) [Thysanoptera: Thripidae]
- 5595 *Scyphophorus yuccae* Horn (Yucca weevil) [Coleoptera: Curculionidae] Immature/Adult Guild: Stem borer/Sap feeder
- 5596 *Zerene eurydice* Boisduvall (California dog-face, flying pansy) [Lepidoptera: Pieridae]
- 5597 *Aeolothrips longiceps* Crawford (Artemisia thrips) [Thysanoptera: Aeolothripidae]
- 5598 *Aphalara calthae* Linnaeus (Knotweed psyllid) [Homoptera: Psyllidae]
- 5599 *Chaitophorus artemisiae* Gillette [Homoptera: Aphididae]
- 5600 *Macrosiphum artemisiae* (Fonsc.) (Artemisia aphid) [Homoptera: Aphididae]
- 5601 *Phenacoccus artemisiae* Ehrhorn [Homoptera: Pseudococcidae]
- 5602 *Chrysomphalus rossi* (Maskell) (Black australian scale) [Homoptera: Diaspididae]
- 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 *Oidematophorus 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 circumflexum* (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] [Lepidoptera: Pyromorphidae] Immature/Adult Guild: Skeletonizer/?
- 5678 *Anuraphis sambucifoliae* (Fitch) (Elder aphid) [Homoptera: Aphididae] 5696 *Harrisiana coracina* Clemens (Western grape skeletonizer) [Lepidoptera: Pyromorphidae] Immature/Adult Guild: Skeletonizer/?
- 5679 *Illinoia stanleyi* (Wilson) (Elderberry aphid) [Homoptera: Aphididae] 5697 *Harrisiana metallica* Stretch (Western grape skeletonizer) [Lepidoptera: Pyromorphidae] Immature/Adult Guild: Skeletonizer/?
- 5680 *Epitrix cucumeris* Harris (Potato flea beetle) [Coleoptera: Chrysomelidae] Immature/Adult Guild: Root feeder/Leaf feeder Generations Per Year: 1-2 5698 *Desmia funeralis* Hubner (Grape leaf folder) [Lepidoptera: Pyralidae] Overwintering Stage: Pupae Oviposition Medium: Leaf undersides Generations Per Year: 2
- 5681 *Luceria tranquilla* (Grote) [Lepidoptera: Noctuidae] 5699 *Pterophorus delawaricus* (Zeller) (Wild grape plume moth) [Lepidoptera: Pterophoridae]
- 5682 *Aeolothrips annectans* Hood (Annectant thrips) [Thysanoptera: Aeolothripidae] Immature/Adult Guild: Predator/Predator 5700 *Coptodisca arbutiella* Busck (Madrona shield bearer) [Lepidoptera: Heliozelidae]
- 5683 *Agallia oculata* Van Duzee [Homoptera: Cicadellidae] 5701 *Spermophagus vitis* Schaeffer (Wild grape seed weevil) [Coleoptera: Bruchidae] Immature/Adult Guild: Internal seed feeder/?
- 5684 *Desmocerus auripennis* Chev. (Golden-winged elder borer) [Coleoptera: Cerambycidae] Immature/Adult Guild: Wood borer: live wood/? Generations Per Year: 1/2 5702 *Anuraphis bakeri* (Cowen) (Clover aphid) [Homoptera: Aphididae]
- 5685 *Timema californica* Scudder (California timema) [Orthoptera: Timemidae] 5703 *Anuraphis crataegifoliae* (Fitch) (Hawthorn aphid) [Homoptera: Aphididae]
- 5686 *Xylocrius agassizi* (LeConte) (Black gooseberry borer) [Coleoptera: Cerambycidae] Immature/Adult Guild: Root, stem borer/? 5704 *Eriosoma lanigera* (Hausmann) (Woolly apple aphid) [Homoptera: Aphididae]
- 5687 *Zelleria gracilariella* Busck [Lepidoptera: Yponomeutidae] 5705 *Lecanium pruinosum* Coquillett (Frosted scale) [Homoptera: Coccidae]
- 5688 *Amphorophora lactucae* (Kaltenbach) [Homoptera: Aphididae] 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
- 5689 *Trialeurodes diasemus* (Bemis) (Snowberry whitefly) [Homoptera: Aleyrodidae] 5707 *Anisandrus dispar* (Fabricius) (European shot hole borer) [Coleoptera: Scolytidae] Immature/Adult Guild: Ambrosia beetle/Ambrosia beetle
- 5690 *Orthezia nigrocincta* Cockerell [Homoptera: Ortheziidae] 5708 *Strymon melinus* (Hubner) (Bean lycaenid) [Lepidoptera: Lycaenidae] Immature/Adult Guild: Fruit, leaf feeder/?
- 5691 *Anaphothrips arizonensis* (Morgan) (Arizona cotton thrips) [Thysanoptera: Thripidae] 5709 *Spilonota ocellana* (Denis & Schiffermuller) (Bud moth) [Lepidoptera: Olethreutidae] Immature/Adult Guild: Bud, leaf feeder/? Overwintering Stage: Larvae Oviposition Medium: Leaf undersides
- 5692 *Phymatodes fasciapilosus* Van Dyke [Coleoptera: Cerambycidae] Immature/Adult Guild: Stem borer/? 5710 *Carpocapsa pomonella* (Linnaeus) (Codling moth) [Lepidoptera: Olethreutidae] Immature/Adult Guild: Fruit, leaf feeder/? Overwintering Stage: Larvae in bark crevices Oviposition
- 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)

- 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 *Kalotermes occidentis* (Walker) (Occidental termite) [Isoptera: Kalotermitidae]
- 5770 *Kalotermes 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 *Diplolepsis bassetti* Beutenmuller [Hymenoptera: Cynipidae] Immature/Adult Guild: Gall former: twigs/?
- 5776 *Diplolepsis 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 *Podosesia syringe* (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 *Helochara 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 *Aglais 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 musculus* 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)

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| 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)
142 Pyrochroidae (Coleoptera)
143 Othniidae (Coleoptera)
144 Mycteridae (Coleoptera)
145 Oedemeridae (Coleoptera)
146 Melandryidae (Coleoptera)
147 Mordellidae (Coleoptera)
148 Rhipiphoridae (Coleoptera)
149 Meloidae (Coleoptera)
150 Anthicidae (Coleoptera)
151 Pedilidae (Coleoptera)
152 Cerambycidae (Coleoptera)
153 Bruchidae (Coleoptera)
154 Anthribidae (Coleoptera)
155 Brentidae (Coleoptera)
156 Curculionidae (Coleoptera)
157 Platypodidae (Coleoptera)
158 Scolytidae (Coleoptera)
159 Pyralidae (Lepidoptera)
160 Pterophoridae (Lepidoptera)
161 Olethreutidae (Lepidoptera)
162 Tortricidae (Lepidoptera)
163 Cossidae (Lepidoptera)
164 Gelechiidae (Lepidoptera)
165 Oecophoridae (Lepidoptera)
166 Sesiidae (Lepidoptera)
167 Coleophoridae (Lepidoptera)
168 Gracilariidae (Lepidoptera)
169 Psychidae (Lepidoptera)
170 Incurvariidae (Lepidoptera)
171 Geometridae (Lepidoptera)
172 Drepanidae (Lepidoptera)
173 Arctiidae (Lepidoptera)
174 Agaristidae (Lepidoptera)
175 Noctuidae (Lepidoptera)
176 Notodontidae (Lepidoptera)
177 Liparidae (Lepidoptera)
178 Lasiocampidae (Lepidoptera)
179 Saturniidae (Lepidoptera)
180 Sphingidae (Lepidoptera)
181 Hesperiidae (Lepidoptera)
182 Lycaenidae (Lepidoptera)
183 Pieridae (Lepidoptera)
184 Papilionidae (Lepidoptera)
185 Parnassiidae (Lepidoptera)
186 Danaidae (Lepidoptera)
187 Satyridae (Lepidoptera)
188 Heliconiidae (Lepidoptera)
189 Nymphalidae (Lepidoptera)
190 Tipulidae (Diptera)
191 Psychodidae (Diptera)
192 Ptychopteridae (Diptera)
193 Dixidae (Diptera)
194 Chaoboridae (Diptera)
195 Culicidae (Diptera)
196 Ceratopogonidae (Diptera)
197 Chironomidae (Diptera)
198 Simuliidae (Diptera)
199 Anisopodidae (Diptera)
200 Bibionidae (Diptera)
201 Mycetophilidae (Diptera)
202 Sciaridae (Diptera)
203 Scatopsidae (Diptera)
204 Cecidomyiidae (Diptera)
205 Xylophagidae (Diptera)
206 Xylomyidae (Diptera)
207 Stratiomyidae (Diptera)
208 Tabanidae (Diptera)
209 Rhagionidae (Diptera)
210 Therevidae (Diptera)
211 Mydidae (Diptera)
212 Asilidae (Diptera)

- 213 Leptogastridae (Diptera)
214 Bombyliidae (Diptera)
215 Empididae (Diptera)
216 Dolichopodidae (Diptera)
217 Lonchopteridae (Diptera)
218 Phoridae (Diptera)
219 Pipunculidae (Diptera)
220 Syrphidae (Diptera)
221 Conopidae (Diptera)
222 Micropezidae (Diptera)
223 Psilidae (Diptera)
224 Otitidae (Diptera)
225 Platystomatidae (Diptera)
226 Tephritidae (Diptera)
227 Coelopidae (Diptera)
228 Sepsidae (Diptera)
229 Sciomyzidae (Diptera)
230 Lauxaniidae (Diptera)
231 Chamaemyiidae (Diptera)
232 Piophilidae (Diptera)
233 Sphaeroceridae (Diptera)
234 Milichiidae (Diptera)
235 Chloropidae (Diptera)
236 Agromyzidae (Diptera)
237 Clusiidae (Diptera)
238 Heleomyzidae (Diptera)
239 Anthomyzidae (Diptera)
240 Anthomyiidae (Diptera)
241 Muscidae (Diptera)
242 Calliphoridae (Diptera)
243 Sarcophagidae (Diptera)
244 Tachinidae (Diptera)
245 Argidae (Hymenoptera)
246 Cimbicidae (Hymenoptera)
247 Tenthredinidae (Hymenoptera)
248 Siricidae (Hymenoptera)
249 Cephidae (Hymenoptera)
250 Braconidae (Hymenoptera)
251 Ichneumonidae (Hymenoptera)
252 Mymaridae (Hymenoptera)
253 Trichogrammatidae (Hymenoptera)
254 Eulophidae (Hymenoptera)
255 Encyrtidae (Hymenoptera)
256 Eupelmidae (Hymenoptera)
257 Perilampidae (Hymenoptera)
258 Torymidae (Hymenoptera)
259 Pteromalidae (Hymenoptera)
260 Eurytomidae (Hymenoptera)
261 Chalcididae (Hymenoptera)
262 Figitidae (Hymenoptera)
263 Cynipidae (Hymenoptera)
264 Evaniidae (Hymenoptera)
265 Gasteruptiidae (Hymenoptera)
266 Aulacidae (Hymenoptera)
267 Peleciniidae (Hymenoptera)
268 Proctotrupidae (Hymenoptera)
269 Diapriidae (Hymenoptera)
270 Scelionidae (Hymenoptera)
271 Platygasteridae (Hymenoptera)
272 Chrysididae (Hymenoptera)
273 Bethylinidae (Hymenoptera)
274 Dryinidae (Hymenoptera)
275 Tiphiidae (Hymenoptera)
276 Mutillidae (Hymenoptera)
277 Scoliidae (Hymenoptera)
278 Formicidae (Hymenoptera)
279 Vespidae (Hymenoptera)
280 Pompilidae (Hymenoptera)
281 Sphecidae (Hymenoptera)
282 Colletidae (Hymenoptera)
283 Halictidae (Hymenoptera)
284 Andrenidae (Hymenoptera)

- 285 Megachilidae (Hymenoptera)
- 286 Anthophoridae (Hymenoptera)
- 287 Apidae (Hymenoptera)
- 288 Ephydriidae (Diptera)
- 289 Yponomeutidae (Lepidoptera)
- 290 Aspidiinae (Lepidoptera)
- 291 Sphegigastrinae (Hymenoptera)
- 292 Dasytidae (Coleoptera)
- 293 Trixoscelididae (Diptera)
- 294 Oelolothripidae (Thysanoptera)
- 295 Aphidiidae (Thysanoptera)
- 296 Ceraphronidae (Hymenoptera)
- 297 Cynipoidea (Hymenoptera)
- 298 Psocidae (Psocoptera)
- 299 Eucoilidae (Hymenoptera)
- 300 Carnidae (Diptera)
- 301 Anaspidiinae (Misc. Arthropoda)
- 302 Neelidae (Collembola)
- 303 Elasmidae (Hymenoptera)
- 304 Thysanidae (Hymenoptera)
- 305 Eutrichosomatidae (Hymenoptera)
- 306 Eucharitidae (Hymenoptera)
- 307 Eumenidae (Hymenoptera)
- 308 Microlepidoptera (Lepidoptera)
- 309 Ethmiidae (Lepidoptera)
- 310 Diprionidae (Hymenoptera)
- 311 Xyelidae (Hymenoptera)
- 312 Nemouridae (Plecoptera)
- 313 Coccoidea (Homoptera)
- 314 Scenopinidae (Diptera)
- 315 Lyonetiidae (Lepidoptera)
- 316 Drosophilidae (Diptera)
- 317 Scythridae (Lepidoptera)
- 318 Dytiscidae (Coleoptera)
- 319 Malachiidae (Coleoptera)
- 320 Tethinidae (Diptera)
- 321 Asteidae (Diptera)
- 322 Lymantriidae (Lepidoptera)
- 323 Polyphagidae (Orthoptera)
- 324 Nepticulidae (Lepidoptera)
- 325 Pseudocaeciliidae (Psocoptera)
- 326 Trogiidae (Psocoptera)
- 327 Bittacidae (Mecoptera)
- 328 Phaloniidae (Lepidoptera)
- 329 Oinophilidae (Lepidoptera)
- 330 Tischeriidae (Lepidoptera)
- 331 Leucospididae (Hymenoptera)
- 332 Urothripidae (Thysanoptera)
- 333 Sapygidae (Hymenoptera)
- 334 Coniopterygidae (Neuroptera)
- 335 Perlodidae (Plecoptera)
- 336 Libellulidae (Odonata)
- 337 Coenagrionidae (Odonata)
- 338 Chyromyidae (Diptera)
- 339 Hepialidae (Lepidoptera)
- 340 Blastobasidae (Lepidoptera)
- 341 Walshiidae (Lepidoptera)
- 342 Lepismatidae (Thysanura)
- 343 Tineidae (Lepidoptera)
- 344 Odiniidae (Diptera)
- 345 Ormyridae (Hymenoptera)
- 346 Lonchaeidae (Diptera)
- 347 Oxaeidae (Hymenoptera)
- 348 Melittidae (Hymenoptera)
- 349 Riodinidae (Lepidoptera)
- 350 Lestidae (Odonata)
- 351 Acroceridae (Diptera)
- 352 Pallopteridae (Diptera)
- 353 Sierolomorphidae (Hymenoptera)
- 354 Timemidae (Orthoptera)
- 355 Pyromorphidae (Lepidoptera)
- 356 Heliozelidae (Lepidoptera)
- 357 Bombycidae (Lepidoptera)
- 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."

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 Aclerididae [78] 1310
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 2895 2896 2897 2903 3101 3102 3453 3454
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 4578 4593 4652 4653 5105 5106 5747 5952
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 5587 5597 5623 5631 5682 5713
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 Agromyzidae [236] 488 508 509 688 1468
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 3189 3190 3191 3591 3597 4394 4428 4429
 4430 4431 4432 4477 4677 4678 4679 4680
 4681 5617
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 Andrenidae [284] 255 256 257 258 902 903
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 Anisopodidae [199] 1431
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 Anthicidae [150] 51 52 53 523 1382 1841
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 Anthocoridae [2] 5 379 380 928 1234
 Anthomyiidae [240] 139 469 584 634 1472
 3722 4484 4485 4486 4501 4516 5302 5303
 5305 5306 5307 5308 5309 5310 5311 5312
 5313 5727 5728 5729
 Anthomyzidae [239] 1471

Anthophoridae [286] 259 260 910 911 912
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 Anthribidae [154] 54 55 1386 4387 4460
 Aphididae [70] 185 186 417 581 587 588
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Gall former	466	505	723	725	953	1908	2875	2876	2877	2881	2882	2906
1910	1913	2479	2480	2481	2737	2741	3104	3105	3106	3107	3157	3168
Girdler	1541	1616	4148				4077	5595	5877			3174
Leaf feeder	90	207	209	221	225	341	Sap feeder:bark	4108				3730
404	626	1208	1211	1212	1248	1250	Sap feeder:buds,leaves,shoots	5624				
1254	1272	1274	1288	1405	1552	1557	Sap feeder:leaves	2056				
1663	1719	1724	1853	1928	1941	2227	Sap feeder:leaves,limbs,twigs	2600				
2284	2357	2358	2359	2626	2735	2740	Sap feeder:leaves,stalks	5589				
2766	2767	2783	2829	2830	2831	2832	Sap feeder:shoots	2157				
2845	2846	2851	2852	2853	2854	2855	Saprophage	743	1243	1244	1245	1246
2888	2889	2890	2891	2892	2893	2894	1356	1358	1361	2527		1331
							Seed feeder	1236	1277	3728	3910	
							Stem borer	3769	3896	3911		
							Stem feeder	243	247	1953	2508	2654
							4373	4374	4375	4406	4410	4412
							4467	4470	4587			4413
							Termite	4009	4010	5593	5881	4437
							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 Nutt. (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, burweed, sandbur) [Compositae]
- 32 Amelanchier spp. (Serviceberry) [Rosaceae]
- 33 Amelanchier alnifolia Nutt. (Saskatoon serviceberry) [Rosaceae]
Primary Use(s): Browse, edible fruits
Palatability: Moderate to high
- 34 Amelanchier bakeri [Rosaceae]
- 35 Amelanchier goldinani [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* Bentham
(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 greenii* 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 lycioides* (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
(Corymbed wildbuckwheat) [Polygonaceae]
- 252 *Eriogonum fasciculatum* Benth
(California flattop buckwheat)
[Polygonaceae]
- 253 *Eriogonum leptocladon* Torr. & Gray
[Polygonaceae]
- 254 *Eriogonum microthecum* (Slenderbrush
erogonum) [Polygonaceae]
- 255 *Eriogonum umbellatum* (Sulfur wild
buckwheat) [Polygonaceae]
- 256 *Eriogonum wrightii* Torr. (Wright
erogonum) [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) [Malphigiaceae]
- 306 *Janusia gracilis* Gray (Slender janusia) [Malphigiaceae]
- 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* (Rubber rabbitbrush) Hall & Clements [Compositae]
- 390 *Ceanothus soledadensis* (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 hypoleneoides* [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. (*dwarfindigo amorpha*) [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*
Coult.)*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 eglantheria* (*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* Wooton & Standley (Bailey yucca) [Agavaceae]
- 800 *Yucca kanabensis* (=Y. glauca) McKelvey [Agavaceae]
- 801 *Yucca neomexicana* Wooton & 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* Shinnars
[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* Benthams
[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 dunnii* Kellogg [Fagaceae]
- 950 *Pinus* spp. Linnaeus [Pinaceae]
- 951 *Opuntia vaseyi* (Coulter) Britt. & Rose
[Cactaceae]
- 952 *Opuntia grandiflora* Engelm
[Cactaceae]
- 953 *Opuntia stenopetals* Engelm
[Cactaceae]
- 954 *Opuntia spinosissima* Miller
[Cactaceae]
- 955 *Opuntia microdasys* [Cactaceae]
- 956 *Opuntia linguiformis* Griffiths
[Cactaceae]
- 957 *Opuntia decumbens* Salm & Dyck
[Cactaceae]
- 958 *Opuntia comoduensis* (Coulter) Britt.
& Rose [Cactaceae]
- 959 *Opuntia leucotricha* DeCandolle
[Cactaceae]
- 960 *Opuntia streptachantha* 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 pycantha* 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 *Franseria acanthicarpa* Coville [Compositae]
- 1019 *Franseria bipinnatifida* Nuttall [Compositae]
- 1020 *Franseria chamissonis bipinnatisecta* (Less.) Cald. & Tayl. [Compositae]
- 1021 *Franseria 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 nairobiensis* [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* Engelm
[Cactaceae]
- 1097 *Opuntia versicolor* Engelm
[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)

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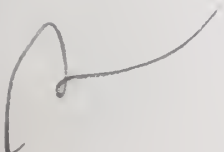
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Haws, B. Austin; Roe, Alan H.; Nelson, David L. 1988. Index to information on insects associated with western wildland shrubs. Gen. Tech. Rep. INT-248 Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. 296 p.

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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