

# Wildlife Species List

## Mammals

1. Hoary bat - *Lasiurus cinereus*
2. Brazilian free-tailed bat - *Tadarida brasiliensis*
3. Yuma Myotis - *Myotis yumanensis*
4. Canyon bat - *Parastrellus hesperus*
5. California myotis - *Myotis californicus*
6. Western yellow bat - *Lasiurus xanthinus*
7. Big Brown bat - *Eptesicus fuscus*
8. Western red bat - *Lasiurus blossevillii*
9. Western mastiff bat - *Eumops perotis*
10. Pocketed free-tailed bat - *Nyctinomops femorosaccus*

Possible:

- Big free-tailed bat - *Nyctinomops macrotis*
  - Long-eared myotis - *Myotis evotis*
  - Little brown myotis - *Myotis lucifugus*
  - Silver-haired bat - *Lasionycteris noctivagans*
  - Townsend's big-eared bat - *Corynorhinus townsendii*
11. Mule deer - *Odocoileus hemionus*
  12. Mountain lion - *Puma concolor*
  13. Bobcat - *Lynx rufus*
  14. Gray fox - *Urocyon cinereoargenteus*
  15. Coyote - *Canis latrans*
  16. Common raccoon - *Procyon lotor*
  17. Striped skunk - *Mephitis mephitis*
  18. Western harvest mouse - *Reithrodontomys megalotis*
  19. California pocket mouse - *Chaetodipus californicus*
  20. California mouse - *Peromyscus californicus*
  21. Big-eared woodrat - *Neotoma macrotis*
  22. Botta's pocket gopher - *Thomomys bottae*
  23. Brush rabbit - *Sylvilagus bachmani*
  24. California ground squirrel - *Otospermophilus beecheyi*
  25. Eastern fox squirrel - *Sciurus niger* -- non-native species

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26. Virginia opossum - *Didelphis virginiana* -- non-native species

## Reptiles and Amphibians

1. San Diego Gophersnake - *Pituophis catenifer annectens*
2. California Striped Racer - *Coluber lateralis lateralis*
3. San Bernardino Ring-necked Snake - *Diadophis punctatus modestus*
4. Western Black-headed Snake - *Tantilla planiceps*
5. Southern Pacific Rattlesnake - *Crotalus oreganus helleri*
  
6. Great Basin Fence Lizard - *Sceloporus occidentalis longipes*
7. San Diego Alligator Lizard - *Elgaria multicarinata webbii*
8. Skilton's Skink - *Plestiodon skiltonianus skiltonianus*
  
9. Baja California Treefrog - *Pseudacris hypochondriaca hypochondriaca*
10. Black-bellied Slender Salamander - *Batrachoseps nigriventris*

## Birds

1. Wood Duck
2. Mallard
3. California Quail -- [confirmed breeding](#)
4. Double-crested Cormorant
5. Great Blue Heron
6. Great Egret
7. Turkey Vulture
8. Osprey
9. Northern Harrier
10. Sharp-shinned Hawk
11. Cooper's Hawk
12. Red-shouldered Hawk
13. Red-tailed Hawk

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14. Killdeer
15. Ring-billed Gull
16. Western Gull
17. California Gull
18. Caspian Tern
19. Eurasian Collared-Dove – non-native
20. Rock Pigeon – non-native
21. Band-tailed Pigeon
22. Mourning Dove
23. Barn Owl
24. Western Screech-Owl
25. Great Horned Owl -- confirmed breeding
26. Common Poorwill
27. White-throated Swift
28. Black-chinned Hummingbird
29. Anna's Hummingbird
30. Rufous Hummingbird
31. Allen's Hummingbird
32. Costa's Hummingbird
33. Calliope Hummingbird
34. Acorn Woodpecker
35. Red-breasted Sapsucker
36. Nuttall's Woodpecker -- confirmed breeding
37. Northern (Red-shafted) Flicker
38. Northern (Yellow-shafted) Flicker
39. American Kestrel
40. Merlin
41. Peregrine Falcon
42. Yellow-chevroned Parakeet -- non-native
43. Nanday Parakeet -- non-native
44. Pacific-slope Flycatcher
45. Black Phoebe
46. Ash-throated Flycatcher
47. Cassin's Kingbird
48. Western Kingbird

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49. Cassin's Vireo
50. Warbling Vireo
51. Hutton's Vireo
52. California Scrub-Jay -- [confirmed breeding](#)
53. American Crow
54. Common Raven
55. Northern Rough-winged Swallow
56. Violet-green Swallow
57. Barn Swallow
58. Cliff Swallow
59. Oak Titmouse -- [confirmed breeding](#)
60. Red-whiskered Bulbul – non-native
61. Mountain Chickadee
62. Bushtit -- [confirmed breeding](#)
63. Red-breasted Nuthatch
64. White-breasted Nuthatch
65. Canyon Wren
66. Rock Wren
67. House Wren -- [confirmed breeding](#)
68. Bewick's Wren -- [confirmed breeding](#)
69. Ruby-crowned Kinglet
70. Wrentit -- [confirmed breeding](#)
71. Western Bluebird
72. Townsend's Solitaire
73. Swainson's Thrush
74. Hermit Thrush
75. American Robin
76. California Thrasher
77. Northern Mockingbird -- [confirmed breeding](#)
78. Cedar Waxwing
79. Phainopepla -- [confirmed breeding](#)
80. Orange-crowned Warbler
81. MacGillivray's Warbler
82. Common Yellowthroat
83. Yellow Warbler

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84. Chestnut-sided Warbler
85. Nashville Warbler
86. Yellow-rumped Warbler (Myrtle)
87. Yellow-rumped Warbler (Audubon's)
88. Townsend's Warbler
89. Hermit Warbler
90. Black-throated Gray Warbler
91. Wilson's Warbler
92. Spotted Towhee -- confirmed breeding
93. California Towhee -- confirmed breeding
94. Fox Sparrow
95. Song Sparrow -- confirmed breeding
96. Lincoln's Sparrow
97. White-crowned Sparrow
98. White-throated Sparrow
99. Golden-crowned Sparrow
100. Dark-eyed Junco (Slate-colored)
101. Dark-eyed Junco (Oregon) -- confirmed breeding
102. Western Tanager
103. Black-headed Grosbeak
104. Lazuli Bunting
105. Brown-headed Cowbird
106. Hooded Oriole
107. Bullock's Oriole
108. House Finch
109. Purple Finch
110. Pine Siskin
111. Lesser Goldfinch -- confirmed breeding
112. American Goldfinch
113. Scaly-breasted Munia -- non-native

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## Insects

### Springtails and Two-pronged Bristletails

1. Slender springtail - *Entomobrya atrocincta*
2. Slender springtail - Entomobryidae
3. Cotton springtail - *Entomobrya unostrigata*
4. Smooth springtail - *Isotoma viridis*
5. Smooth springtail - *Folsomia* sp.
6. Springtail - *Collembola* sp.
7. Rootfeeding springtail - *Onychiurus* sp.
8. Globular springtail - *Bourletiella juanitae*
9. Globular springtail - *Collembolan* sp.
10. Globular Springtail - *Ptenothrix maculosa*
  
11. Forcepstail - *Evalljapyx* sp.
12. Slender entrophs - Campodeidae

### Silverfish

1. Typical silverfish - *Ctenolepisma* sp.
2. Typical silverfish - *Allacrotelsa spinulata*

### Dragonflies and Damselflies

1. Flame skimmer - *Libellula saturata*
2. Neon skimmer - *Libellula croceipennis*
3. Blue-eyed darner - *Rhionaeschna multicolor*
4. Blue dasher - *Pachydiplax longipennis*
5. Variegated meadowhawk - *Sympetrum corruptum*
  
6. Pacific forktail - *Ischnura cervula*

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7. Vivid dancer - *Argia vivida*
8. Arroyo bluet - *Enallagma praevarum*
9. Spotted spreadwing - *Lestes congener*
10. California spreadwing - *Archilestes californicus*

## Grasshoppers, Crickets and Katydid

1. Broad-winged katydid - *Microcentrum rhombifolium*
2. California chaparral katydid - *Platylyra californica*
3. Mexican bush katydid - *Scudderia mexicana*
4. California anglewing - *Microcentrum californicum*
5. Shieldback katydid - sp.
6. Gray bird grasshopper - *Schistocerca nitens*
7. Pallid-winged grasshopper - *Trimerotropis pallidipennis*
8. Western stutter-trilling cricket - *Gryllus integer*
9. Western brush cricket - *Hoplosphyrum boreale*
10. Camel cricket - *Gammarotettix genitalis*
11. California camel cricket - *Ceuthophilus californianus*
12. House cricket - *Acheta domesticus* – non-native
13. Tropical house cricket - *Gryllodes sigillatus* – non-native
14. Mahogany jerusalem cricket- *Ammopelmatus mahogany*

## Walkingsticks

1. Western short-horn walkingstick - *Parabacillus hesperus*

## Webspinners

1. Webspinner - *Oligotoma* sp.

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## Earwigs

1. European earwig - *Forficula auricularia* - non-native
2. Ring-legged earwig - *Euborellia annulipes* - non-native

## Termites

1. Pacific dampwood termite - *Zootermopsis angusticollis*
2. Western subterranean termite - *Reticulitermes hesperus*

## Mantids

1. Arizona mantis - *Stagmomantis limbata*
2. California mantis - *Stagmomantis californica*
3. Mantis - *Mantida* sp. - non-native
4. Mantis - *Mantida* sp. - non-native

## Cockroaches

1. American cockroach - *Periplaneta americana*
2. Western wood cockroach - *Parcoblatta americana*
3. Sand cockroach - *Arenivaga sequoia*

## True Bugs

1. Assassin bug - *Triatoma protracta*
2. Assassin bug - *Sinea* ps.
3. Western bloodsucking conenose - *Triatoma protracta*
4. Harlequin bug - *Murgantia histrionica*
5. Lygaeid bug - *Melacoryphus rubicollis*
6. False chinch bug - *Nysius* sp.



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7. Jewel bug - *Stethaulax marmorata*
8. Damsel bug - *Nabis alternatus*
9. Red-shouldered stink bug - *Thyanta custato*
10. Western big-eyed bug - *Geocoris pallens*
11. Big-eyed bug - *Geocoris punctipes*
12. Two-lined burrowing bug - *Pangaeus bilineatus*
13. Broken-backed bug - *Taylorilygus apicalis*
14. Torpedo bug - *Siphanta acuta* - non-native
15. Plant bug - *Phytocoris* sp. "a"
16. Plant bug - *Phytocoris* sp. "b"
17. Plant bug - *Phytocoris* sp. "c"
18. Plant bug - *Phytocoris* sp. "d"
19. Plant bug - *Phytocoris* sp. "e"
20. Plant bug - *Pycnocoris ursinus*
21. Plant bug - *Irbisia solani*
22. Plant bug - *Tuxedo flavicollis*
23. Plant bug - *Tuxedo cruralis*
24. Plant bug - *Phylinae* sp.
25. Plant bug - *Orthotylus* sp. "a"
26. Plant bug - *Oligotylus* sp. "b"
27. Plant bug - *Nasocorini* sp.
28. Plant bug - *Tuxedo susansolomonae*
29. Plant bug - *Tuxedo drakei*
30. Plant bug - *Phylinae* sp.
31. Plant bug - *Phytocoris ramosus*
32. Plant bug - *Phytocoris* sp. "a"
33. Plant bug - *Phytocoris* sp. "b"
34. Plant bug - *Parthenicus* sp.
35. Plant bug - *Closterotomus norwegicus*
36. Plant bug - *Orthotylinae* sp.
37. Plant bug - *Phytocoris* *vau*
38. Plant bug - *Plagiognathus* sp.
39. Plant bug - *Tupiocoris agilis*
40. Plant bug - *Macrotylus vanduzeei*
41. Plant bug - *Orthotylus* sp. "a"

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42. Plant bug - Orthotylus sp. "b"
43. Plant bug - Oncotylinia sp. "c"
44. Plant bug - Brachynotocoris puncticornis
45. Plant bug - Tropidosteptes sp.
46. Plant bug - Tupiocoris notatus
47. Plant bug - Irbisia californica
48. Plant bug - Closterocoris amoenus
49. Plant bug - Lopidea marginata
50. Plant bug - Phylinae sp.
51. Plant bug - Plagiognathus sp.
52. Plant bug - Phylini sp.
53. Plant bug - Saileria bella
54. Plant bug - Brooksetta sp.
55. Plant bug - Aoplonema nigrum
56. Plant Bug - Rhinacloa sp.
57. Plant bug - Parthenicus sp.
58. Plant bug - Dicyphus sp.
59. Plant bug - Heteroptera sp.
60. Plant bug - Rhinacloa callicrates
61. Plant bug - Coridromius chenopoderis
62. Plant bug - Phytocoris conspurcatus
63. Plant bug - Ceratocapsus apicatus
64. Plant bug - Paraproba hamata
65. Plant bug - Creontiades rubrinervis
66. Plant bug - Paraproba hamata
67. Phacelia plant bug - Tupiocoris californicus
68. Western plant bug - Rhinacloa forticornis
69. California bordered plant bug - Largus californicus
70. Hyaline grass bug - Liorhyssus hyalinus
71. Pirate Bug - Lasiochilus pallidulus
72. Minute pirate bug - Orius tristicolor
73. Minute pirate bug - Montandoniola confusa
74. Thread-legged bug - Empicoris rubromaculatus
75. Thread-legged bug - Stenolemoides arizonensis
76. Dirt-colored seed bug - Ozophora sp.

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77. Dirt-colored seed bug - *Pseudopachybrachius vinctus*
78. Redcoat seed bug - *Melanopleurus belfragei*
79. Dirt-colored seed bug - *Botocudo modestus*
80. Dirt-colored seed bug - *Pseudopamera nitidula*
81. Seed bug - *Nysius raphanus*
82. Charcoal seed bug - *Melacoryphus lateralis*
83. Stink bug - *Mecidea minor*
84. Uhler's stink bug - *Chlorochroa uhleri*
85. Southern green stink bug - *Nezara viridula*
86. Stink bug - *Chinavia marginata*
87. Brown marmorated stink bug - *Halyomorpha halys*
88. Small milkweed bug - *Lygaeus kalmii*
89. Large milkweed bug - *Oncopeltus fasciatus*
90. Ligurian leafhopper - *Eupteryx decemnotata*
91. Typical leafhopper - *Hebata* sp. "a"
92. Typical leafhopper - *Hebata* sp. "b"
93. Typical leafhopper - *Hebata* sp. "c"
94. Typical leafhopper - *Huleria* sp. "d"
95. Typical leafhopper - *Hebata* sp. "e"
96. Typical leafhopper - *Hebata* sp. "f"
97. Typical leafhopper - *Hebata* sp. "g"
98. Typical leafhopper - *Aligia* sp. "a"
99. Typical leafhopper - *Aligia* sp. "b"
100. Typical leafhopper - *Acinopterus* sp.
101. Typical leafhopper - *Eutettix* sp.
102. Typical leafhopper - *Idiocerus* sp.
103. Typical leafhopper - *Scaphytopius elegans*
104. Typical leafhopper - *Twiningia fasciata*
105. Typical leafhopper - *Mcateeana sexnotata*
106. Typical leafhopper - *Glordonus* sp.
107. Angulate leafhopper - *Acinopterus angulatus*
108. Typical leafhopper - *Reticopsis nubila*
109. Typical leafhopper - *Pagaronia tredecimpunctata*
110. Typical leafhopper - *Twiningia fasciata*
111. Typical leafhopper - *Colladonus aureolus*

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112. Typical leafhopper - Scaphytopius sp.
113. Typical leafhopper - Ceratagallia sp.
114. Typical leafhopper - Reticopsis sp.
115. Typical leafhopper - Cochlorhinus pasadenus
116. Typical leafhopper - Lystridea sp.
117. Typical leafhopper - Deltocephalinae sp.
118. Typical leafhopper - Texananus sp.
119. Typical leafhopper - Idiocerus sp.
120. Leafhopper - Gyponana sp.
121. Leafhopper - Alconeura nudata
122. Leafhopper - Osbornellus sp.
123. Leafhopper - Balclutha sp.
124. Leafhopper - Planicephalus flavocostatus
125. Leafhopper - Graminella sonora
126. Leafhopper - Scaphytopius sp.
127. Leafhopper - Exitianus sp.
128. Leafhopper - Agalliopsis sp.
129. Leafhopper - Texananus sp.
130. Leafhopper - Osbornellus sp.
131. Leafhopper - Ceratagallia
132. Leafhopper - Delphacidae sp.
133. Leafhopper - Empoascini sp.
134. Leafhopper - Scaphytopius sp.
135. Leafhopper - Alconeura fulminea
136. Leafhopper - Osbornellus scalaris
137. Leafhopper - Scaphytopius sp.
138. Leafhopper - Gyponana procera
139. Leafhopper - Hebata sp.
140. Leafhopper - Neocoelidiana obscura
141. Planthopper - Danapteryx robusta
142. Planthopper - Danapteryx barbarae
143. Planthopper - Synecdoche fusca
144. Planthopper - Dytidea sp.
145. Planthopper - Stobaera caldwelli
146. Beet leafhopper - Neoaliturus tenellus

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147. Privet leafhopper - *Fieberiella florii*
148. Sycamore leafhopper - *Alconeura quadrimaculata*
149. Gray lawn leafhopper - *Exitianus exitiosus*
150. Two-spotted leafhopper - *Sophonia orientalis*
151. Geminate Leafhopper - *Colladonus geminatus*
152. Potato leafhopper - *Empoasca fabae*
153. Toyon leafhopper - *Scaphytopius majestus*
154. Privet leafhopper - *Fieberiella florii* -- non-native
155. Smaller water strider - *Kirkaldya* sp.
156. Glassy-winged sharpshooter - *Homalodisca vitripennis*
157. Stilt bug - *Neoneides muticus*
158. Stilt bug - *Hoplinus echinatus*
159. Cicadidae - *Okanagana vanduzeei*
160. Planthopper - *Neaethus* sp.
161. Leafhopper assassin bug - *Zelus renardii*
162. Sharpshooter - *Homalodisca*
163. Versute sharpshooter - *Graphocephala versuta*
164. Clastopterid spittlebug - *Clastoptera* sp.
165. Spittle bug - *Cercopidae*
166. Rose gum psyllid - *Ctenarytaina spatulata*
167. Potato psyllid - *Bactericera cockerelli*
168. Blue gum psyllid - *Ctenarytaina eucalypti* - non-native
169. Plant-parasitic hemipterans - *Psylloidea*
170. Red gum lerp psyllid - *Glycaspis brimblecombei*
171. Smaller water strider - *Microvelia* sp.
172. Toyon lace bug - *Corythucha incurvata*
173. Morrill lace bug - *Corythucha morrilli*
174. Sycamore lace bug - *Corythucha ciliata*
175. Cotton lace bug - *Corythucha gossypii*
176. Brown soft scale - *Coccus hesperidum*
177. California red scale - *Aonidiella aurantii*
178. Hemispherical scale - *Saissetia coffeae*
179. Black olive scale - *Saissetia oleae*
180. Cottony cushion scale - *Icerya purchasi*
181. Coccoidea - *Dactylopius* sp.

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- 182. Bougainvillea mealybug - *Phenacoccus peruvianus*
- 183. Long-tailed mealybug - *Pseudococcus longispinus*
- 184. Mealybug - *Puto* sp.
- 185. Cochineal - *Dactylopius coccus*
- 186. Whitefly - *Pealius kelloggi*
- 187. Whitefly - sp.
- 188. Mellon aphid - *Aphis gossypii*
- 189. Manzanita leafgall aphid - *Tamalia coweni*
- 190. Pine needle aphid - *Eulachnus rileyi*
- 191. Spiraea aphid - *Aphis spiraeicola*
- 192. Oleander aphid - *Aphis nerii* - non-native
- 193. Mint aphid - *Eucarazzia elegans*
- 194. Brown ambrosia aphid - *Uroleucon ambrosiae*
- 195. Aphid - *Aphis ceanothi*
- 196. Aphid - *Macrosiphum gaurae*
- 197. Aphid - *Aphis passeriniana*
- 198. Aphid - *Myzocallis discolor*
- 199. Aphid - *Greenidea* sp.
- 200. Aphid - *Braggia* sp.
- 201. Potato aphid - *Macrosiphum euphorbiae*
- 202. Aphid - *Macrosiphum gaurae*
- 203. Aphid - *Tuberculatus* sp.
- 204. Aphid - *Macrosiphoniella* sp.
- 205. Aphid - *Stegophylla* sp.
- 206. Aphid - *Macrosiphini* sp.
- 207. Black-spotted bamboo aphid - *Takecallis arundinariae*

### Thrips

- 1. Banded thrips - *Aeolothrips kuwanaii*
- 2. Banded thrips - *Aeolothrips collaris*
- 3. Common thrips - *Frankliniella occidentalis*
- 4. Western flower thrips - *Frankliniella occidentalis*

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5. Greenhouse thrips - *Heliothrips haemorrhoidalis*
6. Tube-tailed thrips - *Elaphrothrips* sp.
7. Tube-tailed thrips - Phlaeothripidae “a”
8. Tube-tailed thrips - Phlaeothripidae “b”
9. Thrips - sp.
10. Ngaio thrips - *Klambothrips myopori*
11. Thrips - *Neohydatothrips* sp.

## Book, Bark and Jumping Plant Lice

1. Fateful barklice - *Lachesillidae* sp.
2. Fateful barklice - *Lachesilla* sp.
3. Fateful barklice - *Lachesilla corona*
4. Fateful barklice - *Lachesilla* sp. (undescribed? “1”)
5. Fateful barklice - *Lachesilla* sp. (undescribed? “2”)
6. Lash-faced barklice - *Trichopsocus clarus*
7. F-winged barklouse - *Graphopsocus cruciatus*
8. False lizard barklice - *Pseudocaecilius citricola*
9. Barklice - *Ectopsocus californicus*
10. Barklice - *Ectopsocus strauschi*
11. Barklice - *Cerobasis guestfalica*
12. Barklice - *Trogiomorpha* sp.
13. Barklice - *Pseudocaecilius citricola*
14. Outer Barklice - *Ectopsocus briggsi*
15. Common barklice - *Indiopsocus bisignatus*
16. Common barklice - *Loensia maculosa*
17. Middle barklice - *Mesopsocus immunis*
18. Damp barklice - *Elipsocus hyalinus*
19. Narrow barklice - *Graphopsocus cruciatus*
20. Lash-faced psocids - *Trichipsocus clarus*
21. Granary booklice - *Cerobasis* sp. “a”
22. Granary booklice - *Cerobasis* sp. “b”
23. Jumping plant lice - *Cacopsylla curta*

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24. Jumping plant lice - *Acizzia uncatoides*
25. Jumping plant lice - *Acizzia* sp.
26. Jumping plant lice - *Cacopsylla brevistigmata*
27. Jumping plant lice - *Euglyptoneura* sp.
28. Jumping plant lice - Mesquite Psyllid
29. Jumping plant lice - *Euglyptoneura robusta*
30. Jumping plant lice - *Cacopsylla pararibesiae*
31. Jumping plant lice - sp. "a"
32. Jumping plant lice - sp. "b"
33. Jumping plant lice - sp. "c"
34. Jumping plant lice - sp. "d"
35. Jumping plant lice - sp. "e"
36. Jumping plant lice - sp. "f"
37. Jumping plant lice - sp. "g"
38. Jumping plant lice - sp. "h"

## Beetles

1. Twenty-spotted lady beetle - *Psyllobora vigintimaculata*
2. Kidney-spotted fairy lady beetle - *Psyllobora renifer*
3. Bostrichiform beetle - *Mesocoelopus collaris*
4. Death-watch beetle - *Ozognathus cornutus*
5. Death-watch beetle - *Trichodesma cristata*
6. Pleasing Fungus Beetle - *Cryptophilus* sp.
7. Flea beetle - *Altica* sp.
8. Flea beetle - *Hemiglyptus basalis*
9. Flea beetle - *Chaetocnema* sp.
10. Skin beetle - *Trogoderma* sp.
11. Varied carpet beetle - *Anthrenus verbasci*
12. Carpet beetle - *Anthrenus* sp.
13. Minute brown scavenger beetle - Corticariinae "a"
14. Minute brown scavenger beetle - Corticariinae "b"
15. Minute brown scavenger beetle - sp.



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16. Minute brown scavenger beetle - *Melanophthalma* sp.
17. Spider beetle - *Ptinus* sp.
18. Spider beetle - *Ptinus interruptus*
19. Spider beetle - *Ptinus fallax*
20. Seven-spotted lady beetle - *Coccinella septempunctata*
21. Ashy gray lady beetle - *Olla v-nigrum*
22. Lady beetle - *Rhyzobius forestieri*
23. Eucalyptus leaf beetle - *Paropsisterna m-fuscum*
24. Australian tortoise beetle - *Trachymela sloanei*
25. Lady beetle - *Rhyzobius lophanthae*
26. Spotless lady beetle - *Cycloneda sanguinea*
27. Western polished lady beetle - *Cycloneda polita*
28. Convergent lady beetle - *Hippodamia convergens*
29. Multicolored asian lady beetle - *Harmonia axyridis* -- non-native
30. Minute hooded beetle - *Sericoderus* sp.
31. Skeletonizing leaf beetle - *Luperini* sp.
32. Skeletonizing leaf beetle - *Scelolyperus* sp.
33. Red-shouldered leaf beetle - *Saxinis saucia*
34. Leaf beetle - *Mimosestes amicus*
35. False flower beetle - *Canifa* sp.
36. Soft-winged flower beetle - *Listrus* sp.
37. Soft-winged flower beetle - *Listrus* sp.
38. Soft-winged flower beetle - *Eronyxa* sp.
39. Ant-like flower beetle - *Ischyropalpus* sp.
40. Ant-like flower beetle - *Ischyropalpus nitidulus*
41. Ant-like leaf beetle - *Aderus saginatus*
42. Bronze leaf beetle - *Diachus auratus*
43. Jewel beetle - *Acmaeodera hepburnii*
44. Malachite beetle - *Tanaops longiceps*
45. Fruitworm beetle - *Xerasia* sp.
46. Palm seed borer - *Coccotrypes* sp.
47. Typical bark beetle - sp.
48. Cylindrical bark beetle - *Colydiinae*
49. Cylindrical bark beetle - *Bitoma* sp.
50. Fire-colored beetle - *Pedilus* sp.

## Wildlife Species List

51. Ambrosia beetle - Scolytinae
52. Brown leather-wing beetle - *Pacificanthia consors*
53. Downy leather-winged beetle - *Podabrus pruinosus*
54. Leatherwing beetle - *Cultellunguis ingenuus*
55. Western striped cucumber beetle - *Acalymma trivittatum*
56. Silvanid flat bark beetle - *Ahasverus* sp.
57. Dung beetle - *Ataenius* sp.
58. Auger beetle - *Xylobiops*
59. Soldier beetle - *Malthodes* sp.
60. Spider beetle - *Tricorynus* sp.
61. Woolly Darkling Beetle - *Eleodes osculans*
62. Darkling beetle - *Platydemia oregonense*
63. Darkling beetle - *Platydemia* sp.
64. Darkling beetle - *Coelocnemis magna*
65. Darkling beetle - *Blapstinus histricus*
66. Darkling beetle - *Blapstinus discolor*
67. Darkling beetle - *Blapstinus* sp.
68. Comb-clawed darkling beetle - *Hymenorus* sp.
69. Click beetle - *Athous axillaris*
70. Click beetle - *Horistonotus* sp.
71. Click beetle - *Conoderus exsul*
72. Click beetle - *Heteroderes amplicollis*
73. Click beetle - *Elater lecontei*
74. Click beetle - *Dalopius* sp
75. Crab-like rove beetle - *Coproporus* sp. "a"
76. Crab-like rove beetle - *Coproporus* sp. "b"
77. Rove beetle - Staphylinidae
78. Rove beetle - *Neobisnius* sp.
79. Rove beetle - *Philonthina*
80. Rove beetle - *Athetini* sp.
81. Rove beetle - *Philonthus* sp.
82. Rove beetle - *Myrmecocephalus* sp.
83. Rove beetle - *Philonthus rufulus*
84. Small rove beetle - *Medonina* sp.
85. Rove beetle - sp. "a"

## Wildlife Species List

86. Rove beetle - sp. "b"
87. Rove beetle - *Philonthus innocuus*
88. Rove beetle - *Carpelimus* sp.
89. Rove beetle - *Sepedophilus* sp.
90. Desert stink beetle - *Eleodes* sp.
91. Blister beetle - *Nemognatha scutellaris*
92. False blister beetle - *Xanthochroina bicolor*
93. Checkered beetle - *Enoclerus quadrisignatus*
94. Checkered beetle - *Tarsostenus univittatus*
95. Leaf beetle - *Colaspidea smaragdula*
96. Case-bearing leaf beetle - *Cryptocephalus castaneus*
97. Western oak bark beetle - *Pseudopityophthorus pubipennis*
98. Powder-post beetle - *Lyctinae*
99. Stout's hardwood borer - *Polycaon stoutii*
100. Silken fungus beetle - *Atomaria lewisi*
101. Swollen fungus beetle - *Cartodere nodifer*
102. Handsome fungus beetle - *Aphorista morosa*
103. Black fungus beetle - *Alphitobius laevigatus*
104. Hairy fungus beetle - *Typhaea stercorea*
105. Harry June beetle - *Serica* sp.
106. Dusty June beetle - *Amblonoxia palpalis*
107. Junebeetle - *Phobetus* sp.
108. June beetle - *Serica anthracina*
109. June beetle - *Sericini*
110. June beetle - *Dichelonychini*
111. June beetle - *Phobetus comatus*
112. Small june beetle - *Serica* sp.
113. Southwestern masked chafer - *Cyclocephala pasadenae*
114. Woodland ground beetle - *Pterostichus* sp.
115. Ground beetle - *Calathus ruficollis*
116. Ground beetle - Subgenus *Hypherpes*
117. Ground beetle - *Harpalus* sp.
118. Ground beetle - *Bembidion* sp.
119. Ground beetle - *Agonum punctiforme*
120. Ground beetle - *Stenolophus maculatus*

## Wildlife Species List

121. Ground beetle - *Lebia cyanipennis*
122. Ground beetle - *Dromius piceus*
123. Ground beetle - *Platynus brunneomarginatus*
124. Flower beetle - *Mordella* sp.
125. Soft-winged flower beetle - *Eschatocrepis constrictus*
126. Soft-winged flower beetle - *Trichochrous* sp.
127. Soft-winged flower beetle - *Heterhelus* sp.
128. Soft-winged flower beetle - *Trichochrous sordidus*
129. Soft-winged flower beetle - *Eronyxa pallida*
130. Yellow douglas fir borer - *Centrodera spurca*
131. Powderpost bostrichid - *Amphicerus cornutus*
132. Malachite beetle - *Tanaops longiceps*
133. Lined flat bark beetle - *Laemophloeidae*
134. Wedge-shaped beetle - *Macrosiagon cruenta*
135. Tumbling flower beetle - *Mordella hubbsi*
136. Tumbling flower beetle - *Mordellidae* sp.
137. Tumbling flower beetle - *Mordella hubbs*
138. Southwestern masked chafer - *Cyclocephala pasadenae*
139. Metallic wood-boring beetle - *Acmaeodera angelica*
140. Metallic wood-boring beetle - *Acmaeodera labyrinthica*
141. Metallic wood-boring beetle - *Melanthaxia* sp.
142. Flower longhorn beetle - *Centrodera tenera*
143. Flower longhorn beetle - *Centrodera oculata*
144. Flower longhorn beetle - *Cortodera falsa*
145. Typical longhorn beetle - *Brothylus gemmulatus*
146. Typical longhorn beetle - *Styloxus fulleri*
147. Flat-faced longhorn beetle - *Lophopogonius crinitus*
148. Long-horned beetle - *Megobrium edwardsii*
149. Long-horned beetle - *Callimoxys fuscipennis*
150. Longhorn beetle - *Phymatodes grandis*
151. Eucalyptus longhorned borer - *Phoracantha recurva* -- non-native
152. Black burying beetle - *Nicrophorus nigrita*
153. Mealybug destroyer - *Cryptolaemus montrouzieri*
154. Fruitworm beetle - *Xerasia grisescens*
155. Leaf-rolling weevil - *Temnocerus aureus*

## Wildlife Species List

- 156. Leaf-rolling weevils - *Deporaus glastinus*
- 157. Broad-nosed weevil - *Paraptochus variegatus*
- 158. Flower weevile - *Trichobaris compacta*
- 159. Bean weevil - *pruininus*
- 160. Yucca weevil - *Scyphophorus yuccae*
- 161. Pruinose bean weevil - *Stator pruininus*
- 162. Broad-nosed weevil - *Adaleres humeralis*
- 163. Broad-nosed weevil - *Pandeleteius nodifer*
- 164. Douglas fir glowworm - *Pterotus obscuripennis*
- 165. California pink glowworm - *Microphotus angustus*
- 166. Western banded glowworm - *Zarhipis integripennis*
- 167. Glowworm beetle - sp.

### Lacewings, Mantispids, Antlions and Snakeflies

- 1. Dusty-winged lacewing - Coniopterygidae
- 2. Dusty-winged lacewing - sp.
- 3. Brown lacewing - *Megalomus moestus*
- 4. Brown lacewing - *Symphorobius* sp.
- 5. Brown lacewing - *Hemerobius stigma*
- 6. Brown lacewing - *Hemerobius* sp.
- 7. Brown lacewing - *Micromus variolosus*
- 8. Barber's brown lacewing - *Symphorobius barberi*
- 9. Beaded lacewing - *Lomamyia fulva*
- 10. Typical green lacewing - *Eremochrysa punctinervis*
- 11. Comanche green lacewing - *Chrysoperla comanche*
- 12. Four-spotted green lacewing - *Chrysopa quadripunctata*
- 13. Shadow lacewing - *Leucochrysa americana*
- 14. Common green lacewing - *Chrysoperla* sp.
- 15. Green lacewing - Chrysopidae.
- 16. Beaded lacewing - *Lomamyia fulva*
- 17. Long-tailed antlion - *Mexoleon papago*
- 18. Long-tailed antlion - *Scotoleon* sp.
- 19. Snakefly - *Agulla* sp.
- 20. Raphidiid snakefly - *Agulla adnixa*

# Wildlife Species List

## Bees, Ants and Wasps

1. Sweat bee - *Halictus tripartitus*
2. Sweat bee - *Halictus ligatus*
3. Sweat bee - *Lasioglossum* sp. "a"
4. Sweat bee - *Lasioglossum* sp. "b"
5. Sweat bee - *Lasioglossum dialictus*.
6. Blood bee - *Sphecodes*
7. Fairy bee - *Perdita rhois*
8. Slevin's cellophane bee - *Colletes slevini*
9. Mesilla masked bee - *Hylaeus mesillae*
10. Buckwheat masked bee - *Hylaeus polifolii*
11. Masked bee - *Hylaeus* sp.
12. Mason bee - *Dianthidium* sp.
13. Sonoran bumble bee - *Bombus sonorus*
14. Yellow-faced bumble bee - *Bombus vosnesenskii*
15. Black-tailed bumble bee - *Bombus melanopygus*
16. Anthophorine bee - *Anthophora californica*
17. Anthophorine bee - *Anthophora curta*
18. Digger bee - *Habropoda depress*
19. Chimney bee - *Diadasia bituberculata*
20. Ochraceous chimney bee - *Diadasia ochracea*
21. Chimney bee - *Diadasia* sp.
22. Green metallic bee - *Agapostemon* sp. "a"
23. Green metallic bee - *Agapostemon* sp. "b"
24. Long-horned digger bee - *Melissodes* sp.
25. Long-horned bee - *Eucera* sp.
26. Longhorn bee - *Melissodes robustior*
27. Tripartite furrow bee - *Halictus tripartitus*
28. Ligated furrow bee - *Halictus ligatus*
29. Furrow bee - *Halictus confusus*
30. Western little leaf-cutter bee - *Megachile onobrychidis*
31. Leaf-cutter bee - *Megachile* sp.

## Wildlife Species List

32. Small leafcutter bee - *Megachile* sp. – non-native
33. Alfalfa leafcutter bee - *Megachile rotundata* – non-native
34. Valley carpenter bee - *Xylocopa varipuncta*
35. Horsefly-like carpenter bee - *Xylocopa tabaniformis orpifex*
36. California carpenter bee - *Xylocopa californica*
37. Small carpenter bee - *Ceratina* Subgenus *Zadontomerus*
38. Small carpenter bee - *Ceratina arizonensis*
39. Pruinose squash bee - *Peponapis pruinosa*
40. Goblin bee - *Macrotera* sp.
41. European honey bee - *Apis mellifera* -- non-native
42. Cuckoo bee - *Epeolus* sp.
  
43. Argentine ant - *Linepithema humile* -- non-native
44. Camponotine ant - *Camponotus clarithorax* (single individual)
45. Carpenter ant - *Camponotus* sp. -- winged
46. Acrobat ant - *Crematogaster* sp. -- winged
47. Pharaoh ant - *Monomorium ergatogyna*
48. Winter ant - *Prenolepis imparis*
49. Dark rover ant - *Brachymyrmex patagonicus*-- non-native
50. Hairless rover ant - *Brachymyrmex depilis* -- winged
51. Ponerine ant - *Hypoponera opacior* -- winged
52. Cocktail ant - *Crematogaster* sp. -- winged
53. Western velvety tree ant - *Liometopum occidentale* -- winged
  
54. Black and yellow mud dauber - *Sceliphron caementarium*
55. Great golden digger wasp - *Sphex ichneumons*
56. Great black digger wasp - *Sphex pensylvanicus*
57. Red-tailed spider hunter - *Tachypompilus unicolor*
58. Spider wasp - *Ageniella coronata*
59. Thread-waisted wasp - *Prionyx thomae*
60. Grass-carrying wasp - *Isodontia elegans*
61. Blue mud wasp - *Chalybion californicum*
62. Mason wasp - *Euodynerus hidalgo hidalgo*
63. mason wasp - *Stenodynerus* sp.
64. Mason wasp - *Parancistrocerus declivatus*

## Wildlife Species List

65. Mason wasp - *Euodynerus hidalgo viereckii*
66. Mason wasp - *Euodynerus* sp.
67. Potter wasp - *Ancistrocerus tuberculocephalus*
68. Elegant grass-carrying wasp - *Isodontia elegans*
69. Square-headed wasp - *Ectemnius* sp.
70. Square-headed wasp - *Lestica* sp.
71. Square-headed wasp - *Larropsis* sp.
72. Crabronid wasp - *Cerceris* sp. "a"
73. Crabronid wasp - *Cerceris* sp. "b"
74. Fairy wasp - *Mymaridae* sp.
75. Fairy wasp - *Acropolynema* sp.
76. Sphecid wasp - *Tachysphex* sp.
77. Weevil wasp - *Cerceris convergens*
78. Flat wasp - *Bethylidae* sp. "a"
79. Flat wasp - *Bethylidae* sp. "b"
80. Eulophid wasp - sp.
81. Cuckoo wasp - sp.
82. Golden polistes - *Polistes fuscatus*
83. Sand wasp - *Microbembex* sp.
84. Western sand wasp - *Bembix americana*
85. Yellow jacket - *Vespula pensylvanica*
86. Guinea paper wasp - *Polistes exclamans*
87. European paper wasp - *Polistes dominula* -- non-native
88. Tarantula hawk - *pepsis* sp.
89. Carrot wasp - *Gasteruption* sp.
90. Aphid mummy wasp - sp. "a"
91. Aphid mummy wasp - sp. "b"
92. Common mummy wasp - *Aleiodes* sp.
93. Aphid mummy wasp - *Aphidiinae*
94. Aphid mummy wasp - *Lysiphlebus* sp.
95. Aphid mummy wasp - *Lysiphlebus* sp.
96. Narrow-waisted wasp - *Ceraphronoidea* sp.
97. Narrow-waisted wasp - *Dendrocerus* sp.
98. Narrow-waisted wasp - *Trichopria* sp.
99. Narrow-waisted wasp - *Platygastrinae* sp.



## Wildlife Species List

100. Narrow-waisted wasp - Platygastridae sp.
101. Encyrtid wasp - Metaphycus
102. Encyrtid wasp - Cheiloneurus sp.
103. Short-tailed ichneumonid wasp - Enicospilus sp.
104. Short-tailed ichneumonid wasp - Ophion sp.
105. Ichneumon wasp - sp. "a"
106. Ichneumon wasp - sp. "b"
107. Ichneumon wasp - sp. "c"
108. Ichneumon wasp - sp. "d"
109. Ichneumon wasp - sp. "e"
110. Ichneumon wasp - sp. "f"
111. Ichneumon wasp - Listrodromini sp.
112. Ichneumonid wasp - Netelia sp.
113. Ichneumonid wasp - Proclitus sp.
114. Ichneumonid wasp - Tersilochinae "a"
115. Ichneumonid wasp - Tersilochinae "b".
116. Ichneumon wasp - Campopleginae
117. Ichneumonid wasp - Gelis tenellus
118. Ichneumonid wasp - Gelis sp.
119. Ichneumonid wasp - Lathrostizus sp.
120. Ichneumonid wasp - Netelia sp.
121. Pteromalid wasp - sp. "a"
122. Pteromalid wasp - sp. "b"
123. Pteromalid wasp - sp. "c"
124. Perilampid wasp - Perilampus chrysopae
125. Parasitoid wasp - Scelionidae
126. Braconid Wasp - Hymenochaonia sp.
127. Braconid Wasp - Macrocentrus sp.
128. Braconid wasp - Microgastrinae
129. Braconid wasp - sp. "a"
130. Braconid wasp - sp. "b"
131. Braconid wasp - sp. "c"
132. Braconid wasp - sp. "d"
133. Braconid wasp - sp. "e"
134. Braconid wasp - sp. "f"

## Wildlife Species List

- 135. Braconid wasp - sp. "g"
- 136. Braconid wasp - sp. "h"
- 137. Braconid wasp - sp. "h"
- 138. Braconid wasp - sp. "j"
- 139. Braconid wasp - sp. "k"
- 140. Braconid wasp - Doryctinae
- 141. Braconid wasp - Lytopylus sp.
- 142. Braconid wasp - Chrysopophthorus americanus
- 143. Braconid wasp - Macrocentrinae
- 144. Braconid wasp - Macrocentrus sp.
- 145. Braconid wasp - Apanteles sp.
- 146. Chalcidoid Wasp - Anastatus sp.
- 147. Chalcidoid Wasp - Gastrancistrus sp.
- 148. Chalcidoid Wasp - Toryminae sp.
- 149. Chalcidoid Wasp - Eurytoma sp. "a"
- 150. Chalcidoid Wasp - Eurytoma sp. "b"
- 151. Chalcidoid wasp - Megastigmus sp.
- 152. Chalcidoid wasp - Closterocerus sp.
- 153. Chalcidoid wasp - Conura albifrons
- 154. Chalcidoid wasp - Halticoptera sp.
- 155. Chalcidoid wasp - Pteromalinae
- 156. Chalcidoid wasp - sp. "a"
- 157. Chalcidoid wasp - sp. "b"
- 158. Chalcidoid wasp - sp. "c"
- 159. Chalcidoid wasp - sp. "d"
- 160. Chalcidoid wasp - sp. "e"
- 161. Chalcidoid wasp - sp. "f"
- 162. Chalcidoid wasp - sp. "g"
- 163. Chalcidoid wasp - Encyrtinae "a"
- 164. Chalcidoid wasp - Encyrtinae "b"
- 165. Chalcidoid wasp - Encyrtinae "c"
- 166. Chalcidoid wasp - Entedoninae "a"
- 167. Chalcidoid wasp - Entedoninae "b"
- 168. Chalcidoid wasp - Entedoninae "c"
- 169. Chalcidoid wasp - Eupelmidae

## Wildlife Species List

- 170. Chalcidoid wasp - Tetrastichinae "a"
- 171. Chalcidoid wasp - Tetrastichinae "b"
- 172. Chalcidoid wasp- *Mira mucora*
- 173. Chalcidid wasp - *Contra amoena*
- 174. Chalcidid wasp - *Contra* sp.
- 175. Chalcidid wasp - Haltichellinae
- 176. Chalcidoid wasp - Eulophidae "a"
- 177. Chalcidoid wasp - Eupelmidae "b"
- 178. Chalcidoid wasp - *Brasema* sp.
- 179. Chalcid wasp - Pteromalidae
- 180. Nocturnal velvet ant - *Sphaerophthalma* sp. "a"
- 181. Nocturnal velvet ant - *Sphaerophthalma* sp. "b"
- 182. Tiphiid flower wasp - *Paratiphia robusta*
- 183. Live oak apple gall wasp - *Amphibolips quercuspomiformis*
- 184. Ruptured twig gall wasp - *Callirhytis perdens*
- 185. Gouty stem gall wasp - *Callirhytis quercussuttoni*
- 186. California gall wasp - *Andricus quercuscalifornicus*
- 187. Oak gall wasp - *Neuroterus fragilis*
- 188. Gall wasp - Cynipoidea sp.
- 189. Gall wasp - sp.
- 190. Pumpkin gall wasp - *Dryocosmus minusculus*
- 191. Gall wasp - Cynipidae

### Caddisflies

- 1. Microcaddisfly - Hydroptilidae "a"
- 2. Microcaddisfly - Hydroptilidae "b"
- 3. Caddisfly - *Oecetis* sp.

### Moths and Butterflies

- 1. Sparkling archaic sun moth - *Dyseriocrania auricyanea*
- 2. Montana six-plume moth - *Alucita montana*
- 3. Pearl moth - Spilomelinae sp.

## Wildlife Species List

4. Pearl moth - *Mecyna mustelinalis*
5. Pearl moth - *Udea* sp.
6. Pearl moth - *Mimorista subcostalis*
7. Cosmet moth - sp.
8. Palm flower moth - *Litoprosopus coachella*
9. Wainscot moth - sp.
10. American dun-bar moth - *Cosmia calami*
11. Pacific dagger - *Acronicta perdita*
12. Rusty shoulder knot moth - *Aseptis binotata*
13. Genista broom moth - *Uresiphita reversalis*
14. Flat-bodied moth - *Agonopterix posticella*
15. Carpenterworm moth - *Prionoxystus robiniae*
16. American lappet moth - *Phyllodesma americana*
17. Dwarf tawny wave - *Cyclophora nanaria*
18. Fortunate wave - *Idaea bonifata*
19. Spurred wave moth - *Drepanulatrix unicalcararia*
20. Mexican tiger moth - *Apantesis proxima*
21. Painted tiger moth - *Arachnis picta*
22. One-eyed sphinx moth - *Smerinthus cerisyi*
23. Elegant sphinx moth - *Sphinx perelegans*
24. White lined sphinx moth - *Hyles lineata*
25. Carolina sphinx moth - *Manduca sexta*
26. Red-bordered wave moth - *Idaea demissaria*
27. Inornate pyrausta moth - *Pyrausta inornatalis*
28. Genista broom moth - *Uresiphita reversalis*
29. Scribbled sallow moth - *Sympistis perscripta*
30. Omnivorous leaf-roller - *Platynota stultana*
31. Verbena bud moth - *Endothenia hebesana*
32. Orange tortrix moth - *Argyrotaenia franciscana*
33. Garden tortrix - *Clepsis peritana*
34. Chrysanthemum flower borer moth - *Lorita scarificata*
35. Crambid snout moth - *Cosipara tricoloralis*
36. Cabbage webworm moth - *Hellula rogatalis*
37. Crambid snout moth - *Stegia salutalis*
38. Light brown apple moth - *Epiphyas postvittana*

## Wildlife Species List

39. Dark-bordered granite - *Digrammia neptaria*
40. Filbertworm moth- *Cydia latiferreana*
41. Beehive honey moth - *Vitula serratilineella*
42. Four-spotted yellowneck moth - *Oegoconia novimundi*
43. Elder moth - *Zothea tranquilla*
44. Mountain-mahogany moth - *Ethmia discostrigella*
45. Somber carpet moth - *Disclisoprocta stellata*
46. Carpet moth - *Stamnodes coenonymphata*
47. Carpet moth - *Stamnodes* sp.
48. Carpet moth - *Stamnodes affiliata*
49. Carpet moth - *Stamnodes costumacula*
50. Carpet moth - *Stamnodes albiapicata*
51. Carpet moth - *Stamnodes annellata*
52. Carpet moth - *Hydriomena albifasciata*
53. Carpet moth - *Hydriomena nevadae*
54. Oak winter highflier - *Hydriomena nubilofasciata*
55. Carpet moth - *Dysstroma mancipata*
56. New Mexico carpet moth - *Archirhoe neomexicana*
57. Carpet moth - *Hydriomena* sp.
58. Carpet moth - *Venusia* sp.
59. Carpet moth - *Zenophleps lignicolorata*
60. Geometer Moth - *Hulstina* sp.
61. Geometer Moth - *Hulstina* sp.
62. Geometer Moth - *Hulstina* sp.
63. Geometer Moth - *Glaucina epiphysaria*
64. Geometer Moth - *Glaucina* sp.
65. Geometer moth - *Slossonia rubrotincta*
66. Geometer moth - *Sericosema simularia*
67. Geometer moth - *Hesperumia fumosaria*
68. Geometer moth - *Sicya crocearia*
69. Geometer moth - *Tetracis australis*
70. Geometer moth - *Cyclophora dataria*
71. Geometer moth - *Macaria guenearia*
72. Geometer moth - *Iridopsis Jacumbaria*
73. Geometer moth - *Lomographa elsinora*

## Wildlife Species List

74. Geometer moth - *Drepanulatrix hulstii*
75. Geometer moth - *Drepanulatrix secundaria*
76. Geometer moth - *Drepanulatrix bifilata*
77. Geometer Moth - *Drepanulatrix monicaria*
78. Geometer moth - *Drepanulatrix* sp. "a"
79. Geometer moth - *Drepanulatrix* sp. "b"
80. Geometer moth - *Pero radiosaria*
81. Geometer moth - *Pero macdunnoughi*
82. Geometer moth - *Iridopsis fragilaria*
83. Geometer moth - *Eusarca falcata*
84. Geometer moth - *Neoterpes edwardsata*
85. Geometer moth - *Pherne sperryi*
86. Geometrid moth - *Drepanulatrix foeminaria*
87. Geometrid moth - *Digrammia denticulata*
88. Geometrid moth - *Neoterpes edwardsata*
89. Geometrid moth - *Cyclophora dataria*
90. Geometrid moth - *Eupithecia purpurissata*
91. Geometrid moth - *Hydriomena edenata*
92. Geometrid moth - *Tetracis cervinaria*
93. Geometrid moth - *Plataea californiaria*
94. Geometrid moth - *Pterotaea lamiaria*
95. Geometrid Moth - *Macaria austrinata*
96. Geometrid moth - *Nasusina vaporata*
97. Geometrid moth - *Eupithecia perfusca*
98. Geometrid moth - *Venusia duodecemlineata*
99. Geometer moth - *Drepanulatrix carnearia*
100. Geometer moth - *Eudrepanulatrix rectifascia*
101. Geometer moth - *Drepanulatrix secundaria*
102. Geometer moth - *Iridopsis fragilaria*
103. Geometer moth - *Boarmiini* sp.
104. Geometer moth - *Aethaloida packardaria*
105. Geometer moth - *Cochisea sinuaria*
106. Geometer moth - *Tetracis cervinaria*
107. Geometer moth - *Plataea* sp.
108. Geometer moth - *Drepanulatrix falcataria*

## Wildlife Species List

109. Geometer moth - *Glaucina macdunnoughi*
110. Dark-bordered Granite - *Digrammia neptaria*
111. Five-lined gray - *Glena quinquelinearia*
112. Angle moth - *Digrammia pallidata*
113. Angle moth - *Digrammia* sp.
114. Common angle - *Macaria aemulataria*
115. Curved-lined angle - *Digrammia continuata*
116. Angle moth - *Digrammia delectata*
117. Bordered fawn moth - *Sericosema juturnaria*
118. Sulphur moth - *Hesperumia sulphuraria*
119. Trumpet moths - *Coptotriche* sp.
120. American idia moth - *Idia americalis*
121. Double-striped scoparia moth - *Scoparia biplagiata*
122. Clay-colored agonopterix moth - *Agonopterix argillacea*
123. Sharp-lined yellow - *Sicya macularia*
124. Cabbage webworm moth - *Hellula rogatalis*
125. Twirler moth - *Chionodes popa*
126. Twirler moth - *Coleotechnites invictella*
127. Twirler moth - *Chionodes dammersi*
128. Twirler moth - *Aroga morenella*
129. Twirler moth - *Exoteleia graphicella*
130. Twirler moth - *Gelechia* sp.
131. Twirler moth - *Aroga paraplutella*
132. Twirler moth - sp.
133. Twirler moth - *Gelechia* sp. "a"
134. Twirler moth - *Gelechia* sp. "b"
135. Twirler moth - *Ethmia arctostaphylella*
136. Twirler moth - *Ephesiodes gilvescentella*
137. Twirler moth - *Battaristis concinnusella*
138. Twirler moth - *Xenolechia ceanothiella*
139. Twirler moth - *Aroga* sp.
140. Twirler moth - *Chionodes whitmanella*
141. Twirler moth - *Chionodes* sp.
142. Pink-washed aristotelia moth - *Aristotelia roseosuffusella*
143. Twirler moth - *Aristotelia adenostomae*

## Wildlife Species List

- 144. Twirler moth - *Aristotelia rhamnina*
- 145. Twirler moth - *Scrobipalopsis petrella*
- 146. Twirler moth - *Aristotelia calens*
- 147. Twirler moth - *Litini* sp.
- 148. White eye-capped moth - *Pseudopostega albogaleriella*
- 149. Casebearer - *Coleophora* sp.
- 150. Leaf blotch miner moth - *Caloptilia ovatiella*
- 151. Leaf blotch miner moth - *Caloptilia* sp.
- 152. Leaf blotch miner moth - *Gracillariinae* sp.
- 153. Leaf blotch miner moth - *Acrocercops* sp.
- 154. Leaf blotch miner moth - *Caloptilia reticulata*
- 155. Leaf blotch miner moth - *Phyllonorycter sandraella*
- 156. Leaf blotch miner moth - *Phyllonorycter* sp.
- 157. Trumpet Moth - *Coptotriche* sp.
- 158. Morning-glory leafminer moth - *Bedellia somnulentella*
- 159. Pyralid snout moth - *Aglossa acallalis*
- 160. Pyralid snout moth - *Toripalpus trabalis*
- 161. Pyralid snout moth - *Aglossa cacamica*
- 162. Pyralid snout moth - *Cacotherapia angulalis*
- 163. Sweet clover root borer moth - *Walshia miscecolorella*
- 164. Dusky raisin moth - *Ephesiodes gilvescentella*
- 165. Mediterranean flour moth - *Ephestia kuehniella*
- 166. Heath knot-horn - *Apomyelois bistriatella*
- 167. Knot-horn moth - *Vitula insula*
- 168. Knot-horn moth - *Phobus funerella*
- 169. Knot-horn moth - *Myelopsis subtetricella*
- 170. Knot-horn moth - *Acrobasis caliginella*
- 171. Knot-horn moth - *Ancylosis morrisonella*
- 172. Knot-horn moth - *Homoeosoma impressalis*
- 173. Knot-horn moth - *Honora montinatatella*
- 174. Knot-horn moth - *Phycitodes mucidella*
- 175. Knot-horn moth - *Laetilia dilatifasciella*
- 176. Curved-horn moth - *Symmoca signatella*
- 177. Curved-horn moth - *Gelechioidea* sp. "a"
- 178. Curved-horn moth - *Gelechioidea* sp. "b"



## Wildlife Species List

- 179. Navel orangeworm - *Amyelois transitella*
- 180. Gooseberry fruitworm moth - *Zophodia grossulariella*
- 181. Scaly-legged pyralid moth - *Acallis griphalis*
- 182. Pyralid moth - *Zophodia grossulariella*
- 183. Pyralid moth - *Homoeosoma electella*
- 184. Pyralid moth - *Pyralidae* sp.
- 185. Ermine moth - *Euceratia securella*
- 186. Ermine moth - *Euceratia castella*
- 187. Ermine moth - *Ypsolopha* sp.
- 188. Ermine moth - *Ypsolopha cervella*
- 189. Ermine moth - *Ypsolopha ochrella*
- 190. Pyralid moth - *Ephesiodes* sp.
- 191. Ermine moth - *Ypsolopha* sp-sw
- 192. White-based mompha - *Mompha murtfeldtella*
- 193. Tortricid moth - *Henricus umbrabasana*
- 194. Tortricid moth - *Platynota stultana*
- 195. Confused meganola moth - *Meganola minuscula*
- 196. Sunflower moth - *Homoeosoma electella*
- 197. Nolid moth - *Meganola* sp.
- 198. Chrysanthemum flower borer - *Lorita scarificata*
- 199. Lunate zale moth - *Zale lunata*
- 200. Merry melipotis moth - *Melipotis jucunda*
- 201. Indomitable melipotis moth - *Melipotis indomita*
- 202. Mossy sallow - *Feralia februalis*
- 203. Concealer moth - *Tachystola hemisema* -- non-native
- 204. Concealer moth - *Pleurota albastrigulella*
- 205. Brown Woodling - *Egira perlubens*
- 206. Setaceous Hebrew Character - *Xestia c-nigrum*
- 207. Dart moth - *Aseptis fumosa*
- 208. Dart moth - *Parabagrotis insularis*
- 209. Dart moth - *Homorthodes fractura*
- 210. Dart moth - *Egira crucialis*
- 211. Dart moth - *Agrochola purpurea*
- 212. Dart moth - *Orthosia pacifica*
- 213. Dart moth - *Orthosia behrensiana*

## Wildlife Species List

- 214. Dart moth - *Caradrina* sp.
- 215. Dart moth - *Euxoa recula*
- 216. Dart moth - *Euxoa septentrionalis*
- 217. Dart moth - *Euxoa* sp.
- 218. Dart moth - *Aseptis perfumosa*
- 219. Dart moth - *Nudorthodes variabilis*
- 220. Dart moth - *Viridiseptis marina*
- 221. Dart moth - *Orthosia erythrolita*
- 222. Dart moth - *Perigonica tertia*
- 223. Dart moth - *Paraseptis adnixa*
- 224. Dart moth - *Protorthodes alfkenii*
- 225. Dart moth - *Miodera stigmata*
- 226. Dart moth - *Orthosia transparens*
- 227. Dart moth - *Pseudobryomima fallax*
- 228. Dart moth - *Orthosia pacifica*
- 229. Dart moth - *Homoglaea* sp.
- 230. Luteus dart - *Abagrotis trigona*
- 231. Creaky dart - *Hemieuxoa rudens*
- 232. Subterranean dart - *Feltia subterranea*
- 233. Dart moth - *Parabagrotis exsertistigma*
- 234. Dart moth - *Egira hiemalis*
- 235. Ipsilon dart moth - *Agrotis ipsilon*
- 236. Omnivorous looper - *Sabulodes aegrotata*
- 237. Lesser bean looper - *Autoplusia egenoides*
- 238. Alfalfa looper - *Autographa californica*
- 239. Bilobed looper moth - *Megalographa biloba*
- 240. Groundling moth - *Condica albolabes*
- 241. Red-humped caterpillar moth - *Oedemasia concinna*
- 242. Lichen moth - *Cisthene deserta*
- 243. Moss-eating crambid snout moth - *Scoparia palloralis*
- 244. Chalky bird dropping moth - *Acontia cretata*
- 245. Conifer coneworm moths - *Dioryctria* sp.
- 246. Dogbane saucrobotys moth - *Saucrobotys futilalis*
- 247. Fine-lined sallow - *Catabena lineolata*
- 248. Western tussock moth - *Orgyia vetusta*

## Wildlife Species List

- 249. Triplex cutworm moth - *Micrathetis triplex*
- 250. Cutworm moth - *Sympistis singularis*
- 251. Cutworm moth - *Cucullia eulepis*
- 252. Cutworm moth - *Tarache areli*
- 253. Cutworm moth - *Aseptis susquesa*
- 254. Cutworm moth - *Properigea* sp.
- 255. Cutworm moth - *Lineostriastiria olivalis*
- 256. Cutworm moth - *Admetovis similaris*
- 257. Cutworm moth - *Zosteropoda clementei*
- 258. Brother moth - *Raphia frater*
- 259. Cutworm moth - *Lacinipolia* sp.
- 260. Cutworm moth - *Mesogona* sp.
- 261. Cutworm moth - *Behrensia conchiformis*
- 262. Cutworm moth - *Nocloa rivulosa*
- 263. Girdler moth - *Dargida procinctus*
- 264. Variegated cutworm moth - *Peridroma saucia*
- 265. Green cutworm moth - *Anicla infecta*
- 266. Cabbage looper moth - *Trichoplusia ni*
- 267. Mountain mahogany looper moth - *Iridopsis clivinaria*
- 268. V-lined quaker - *Zosteropoda hirtipes*
- 269. Rufous quaker - *Protorthodes rufula*
- 270. Corn earworm moth - *Helicoverpa zea*
- 271. Pygmy leafmining moth - *Stigmella* sp.
- 272. Bluegrass webworm moth - *Parapediasia teterrellus*
- 273. Creosote moth - *Digrammia colorata*
- 274. Inlaid grass-veneer - *Crambus pascuella*
- 275. Casebearing moth - *Coleophora accordella*
- 276. Webbing clothes moth - *Tineola bisselliella*
- 277. Case-bearing clothes moth - *Tinea pellionella*
- 278. Case-bearing moth - *Coleophora nigrostriata*
- 279. Casebearing moth - *Coleophora glaucella*
- 280. Ribbed cocoon-making moth - *Bucculatrix quadrigemina*
- 281. Brown house moth - *Hofmannophila pseudospretella*
- 282. Bird nest moth - *Monopis crocicapitella*
- 283. Grass tubeworm moth - *Acrolophus* sp.

## Wildlife Species List

- 284. Diamondback moth - *Plutella xylostella*
- 285. Garden tortrix - *Clepsis peritana*
- 286. Beet webworm - *Loxostege munroalis*
- 287. Artichoke plume moth - *Platyptilia carduidactylus*
- 288. Plume moth - *Hellinsia* sp.
- 289. Ambrosia plume moth - *Adaina ambrosiae*
- 290. Morning-glory plume moth - *Emmelina monodactyla*
- 291. Lantana plume moth - *Lantanophaga pusillidactylus*
- 292. Coyote brush borer plume moth - *Hellinsia grandis*
- 293. Common eupithecia moth - *Eupithecia miserulata*
- 294. Ribbed cocoon-maker moth - *Bucculatrix ceanothiella*
- 295. Ribbed cocoon-making moth - *Bucculatrix* sp.
- 296. Ribbed cocoon-making moth - *Bucculatrix* sp.
- 297. Scale-feeding snout moth - *Laetilia coccidivora*
- 298. Jalisco petrophila - *Petrophila jaliscalis*
- 299. Tricolored acrobasis moth - *Acrobasis tricolorella*
- 300. Cosmet moth - *Periploca nigra*
- 301. Concealer moth - *Tachystola hemisema*
- 302. Crambid snout moth - sp.
- 303. Crambid snout moth - *Pyrausta napaealis*
- 304. Crambid snout moth - *Pyrausta zonalis*
- 305. Crambid snout moth - *Glaphyriinae* sp.
- 306. Everlasting bud moth - *Eublemma minima*
- 307. Lesser appleworm moth - *Grapholita prunivora*
- 308. Cotton tipworm moth - *Crociosema plebejana*
- 309. Erythrina borer moth - *Terastia meticulosalis*
- 310. Busck's gallmoth - *Eugnota busckana*
- 311. Ashy pleromelloida moth - *Pleromelloida cinerea*
- 312. Mediterranean flour moth - *Ephestia kuehniella*
- 313. Black witch - *Ascalapha odorata*
- 314. Emerald moth - *Nemoria pulcherrima*
- 315. Emerald moth - *Chlorochlamys appellaria*
- 316. Wavy-lined emerald - *Synchlora aerata*
- 317. Emerald moth - *Dichorda illustraria*
- 318. Columbian Emerald - *Nemoria darwiniata*

## Wildlife Species List

- 319. Emerald - *Dichorda consequaria*
- 320. Emerald - *Nemoria leptalea*
- 321. Emerald - *Dichorda illustraria*
- 322. Wavy-lined emerald - *Synchlora aerata*
- 323. Mossy sallow - *Feralia februalis*
- 324. Volupial pyrausta moth - *Pyrausta volupialis*
- 325. Autumnal moth - *Epirrita autumnata*
- 326. Beet armyworm moth - *Spodoptera exigua*
- 327. Fall armyworm moth - *Spodoptera frugiperda*
- 328. Army cutworm moth - *Euxoa auxiliaris*
- 329. Yellow-striped armyworm moth - *Spodoptera ornithogalli*
- 330. Brown-blotched amydrina moth - *Amydrina effrentella*
- 331. Citrus cutworm - *Egira curialis*
- 332. Variegated cutworm moth - *Peridroma saucia*
- 333. Civil rustic moth - *Caradrina montana*
- 334. Nutmeg moth - *Anarta trifolii*
- 335. Confused meganola moth - *Meganola minuscula*
- 336. Ceanothus nola moth - *Nola minna*
- 337. Creosote moth - *Digrammia colorata*
- 338. Nolid moth - *Meganola fuscua*
- 339. Brown woodling moth - *Egira perlubens*
- 340. Mountain-mahogany moth - *Ethmia discostrigella*
- 341. Southern purple mint moth - *Pyrausta laticlavia*
- 342. Large Batrachedra Moth - *Batrachedra enormis*
- 343. Owlet moth - sp.
- 344. Paler Graphic - *Drasteria pallescens*
- 345. Owlet moth - *Protorthodes melanopis*
- 346. Owlet moth - *Xestia mustelina*
- 347. Owlet moth - *Behrensia conchiformis*
- 348. Owlet moth - *Sympistis ragani*
- 349. Owlet moth - *Phobolusia anfracta*
- 350. Owlet moth - *Hemeroplanis historialis*
- 351. Owlet moth - *Zale termina*
- 352. Owlet moth - *Hemeroplanis incusalis*
- 353. Graphic owlet - *Drasteria ochracea*

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- 354. Graphic owlet - *Drasteria edwardsii*
- 355. Merry graphic moth - *Melipotis jucunda*
- 356. Smoky arches - *Drasteria fumosa*
- 357. Zigzag furcula moth - *Furcula scolopendrina*
- 358. Graphic owlet - *Drasteria howlandii*
- 359. Graphic Owlet - *Drasteria divergens*
- 360. Scaly-legged pyralids - *Arta epicoenalis*
- 361. Blastobasid moth - *Blastobasis tarda*
- 362. Blastobasid moth - *Blastobasis* sp.
- 363. Acorn moth - *Blastobasis glandulella*
- 364. White-speck moth - *Mythimna unipuncta*
- 365. Pygmy eye-capped moth - *Acalyptis lotella*
- 366. Pygmy eye-capped moth - *Stigmella variella*
- 367. Pygmy eye-capped moth - *Stigmella ceanothi*
- 368. Pygmy eye-capped moth - *Stigmella* sp.
- 369. Pygmy eye-capped moth - *Stigmella longisacca*
- 370. Pygmy eye-capped moth - *Stigmella braunella*
- 371. Pygmy eye-capped moth - *Stigmella populetorum*
- 372. Four-spotted yellowneck moth - *Oegoconia novimundi*
- 373. Sweet clover root borer moth - *Walshia miscecolorella*
- 374. Olethreutine leafroller moth - *Epinotia subplicana*
- 375. Olethreutine leafroller moth - *Epinotia nigralbana*
- 376. Olethreutine leafroller moth - *Eucosma apacheana*
- 377. Olethreutine leafroller moth - *Ancylis simuloides*
- 378. Olethreutine leafroller moth - *Eucosma spiculana*
- 379. Olethreutine leafroller moth - *Pseudexentera habrosana*
- 380. Olethreutine leafroller moth - *Chimoptesis chrysopyla*
- 381. Tortricine leafroller moth - *Anopina triangulana*
- 382. Tortricine leafroller moth - *Argyrotaenia niscana*
- 383. Tortricine leafroller moth - *Cochylis carmelana*
- 384. Fruit-tree leafroller moth - *Archips argyrospila*
- 385. Tortricid Moth - *Anopina* sp.
- 386. Tortricid leafroller moth - *Platynota nigrocervina*
- 387. Leafroller moth - *Henricus umbrabasana*
- 388. Eggplant leafroller moth - *Lineodes integra*

## Wildlife Species List

- 389. Leaf blotch miner - *Caloptilia ovatiella*
- 390. Leaf blotch miner - Genus sp.
- 391. Leaf blotch miner - *Caloptilia* sp.
- 392. Leaf blotch miner moth - *Phyllonorycter* sp.
- 393. Leaf blotch miner moth - *Neurobathra bohartiella*
- 394. Madrone skin miner - *Marmara arbutiella*
- 395. Russian thistle stem miner moth - *Coleophora parthenica*
- 396. Grass miner moth - *Perittia* sp.
- 397. Citrus leafminer - *Phyllocnistis citrella*
- 398. Coffeeberry midrib gall moth - *Sorhagenia nimbosus*
- 399. Trumpet moth - *Tischeria ceanothi*
- 400. Litter moth - *Tetanolita palligera*
- 401. Grass tubeworm moths - *Acrolophus* sp.
- 402. Belted grass-veneer - *Euchromius ocella*
- 403. Garden webworm moth - *Achyra rantalis*
- 404. Burrowing webworm moth - *Amydria curvistrigella*
- 405. Clothes moth - *Opogona omoscopa*
- 406. Ribbed cocoon-making moth - *Bucculatrix quadrigemin*
- 407. Western clothes moth - *Tinea occidentella*
- 408. Pug moth - *Eupithecia* sp.
- 409. Pug moth - *Eupithecia* sp.
- 410. Pug moth - *Eupithecia* sp.
- 411. Pug moth - *Eupithecia* sp.
- 412. Pug moth - *Eupithecia* sp.
- 413. Pug moth - *Eupithecia behrensata*
- 414. Pug moth - *Eupithecia rotundopuncta*
- 415. Pug moth - *Eupithecia nevadata*
- 416. Pug moth - *Eupithecia annulata*
- 417. Pug moth - *Eupithecia acutipennis*
- 418. Pug moth - *Eupithecia subapicata*
- 419. Lesser wax moth - *Achroia grisella*
- 420. Greater wax moth - *Galleria mellonella*
- 421. Penitent underwing - *Catocala piatrix*
- 422. Large yellow underwing moth - *Noctua pronuba* - non-native
- 423. Sycamore borer - *Synanthedon resplendens*

## Wildlife Species List

- 424. Royal poinciana graphic - *Melipotis acontioides*
- 425. Fungus moth - *Phereoeca* sp.
- 426. Fungus moth - *Homosetia marginimaculella*
- 427. Fungus moth - sp.
- 428. Fungus moth - *Tinea irrepta*
- 429. Fungus moth - *Opogona* sp.
- 430. Fungus moth - *Opogona* ns (new species) - yet un-named
- 431. Cosmet moth - *Pyroderces* sp.
- 432. Wainscot moth - *Leucania oaxacana*
- 433. Four-lined arches - *Lacinipolia quadrilineata*
- 434. Metalmark moth - *Choreutis emplecta* - non-native
- 435. Banded scythris moth - *Scythris trivinctella*
- 436. Yucca moth - *Prodoxus aenescens*
- 437. Yucca moth - *Prodoxus marginatus*
  
- 438. Checkered White - *Pontia protodice*
- 439. Sara Orangetip - *Anthocharis sara*
- 440. Cabbage White - *Pieris rapae* -- non-native
- 441. Cloudless Sulphur - *Phoebis sennae*
- 442. Orange Sulphur - *Colias eurytheme*
- 443. Mourning Cloak - *Nymphalis antiopa*
- 444. Gulf Fritillary - *Dione vanillae*
- 445. Monarch - *Danaus plexippus*
- 446. Queen - *Danaus gilippus*
- 447. Painted Lady - *Vanessa cardui*
- 448. American Lady - *Vanessa virginiensis*
- 449. Anise Swallowtail - *Papilio zelicaon*
- 450. Pale Swallowtail - *Papilio eurymedon*
- 451. Western Tiger Swallowtail - *Papilio rutulus*
- 452. Western Giant Swallowtail - *Papilio rumiko*
- 453. Common Buckeye - *Junonia coenia*
- 454. California Sister - *Adelpha californica*
- 455. Red Admiral - *Vanessa atalanta*
- 456. Mournful Duskywing - *Erynnis tristis*
- 457. Funereal Duskywing - *Erynnis funeralis*



# Wildlife Species List

- 458. Fiery Skipper - *Hylephila phyleus*
- 459. Umber Skipper - *Lon melane*
- 460. Eufala Skipper - *Lerodea eufala*
- 461. Northern White-Skipper - *Heliopetes ericetorum*
- 462. Fatal Metalmark - *Calephelis nemesis*
- 463. Acmon Blue - *Icaricia acmon*
- 464. Marine Blue - *Leptotes marina*
- 465. Western Pygmy-Blue - *Brephidium exilis*
- 466. Gray Hairstreak - *Strymon melinus*

## Fleas

- 1. Ground squirrel flea - *Oropsylla montana*

## Flies

- 1. Mexican cactus fly - *Copestylum mexicanum*
- 2. Longhorn cactus fly - *Odontoloxozus longicornis*
- 3. Four-spotted aphid fly - *Dioprosopa clavata*
- 4. Common loopwing aphideater - *Lapposyrphus lapponicus*
- 5. Acalyptrate fly - *Chamaemyiidae* sp.
- 6. Stiletto fly - *Thereva* sp.
- 7. Stiletto fly - *Ozodiceromyia nigrimana*
- 8. Big-headed fly - sp.
- 9. Golden fly - sp.
- 10. Freeloader fly - sp.
- 11. Grass fly - *Thaumatomyia glabra*
- 12. Heleomyzid Fly - *Trixoscelis albibasis*
- 13. Scuttle fly - *Phoridae*
- 14. Lauxaniid fly - *Sapromyza* sp.
- 15. Sun fly - *Trixoscelis* sp.
- 16. Dance fly - sp.
- 17. Dance fly - *Empis* sp.
- 18. Hybotid dance fly - *Platypalpus* sp.

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19. Black-winged bee fly - sp.
20. Bee fly - geron sp.
21. Bee fly - *Villa lateralis*
22. Bee fly - Anthracinae sp.
23. Bee Fly - *Paravilla californica*
24. Bee fly - *Dipalta serpentina*
25. Aphid fly - *Leucopis* sp.
26. Banded bee fly - *Villa miscella*
27. Moth fly - *Clogmia albipunctata*
28. Moth fly - *Psychoda alternata*
29. Bathroom moth fly - *Clogmia albipunctata*
30. Drone fly - *eristalis* sp.
31. Yellow-spotted bromeliad fly - *Copestylum avidum*
32. Parasitic fly - *Clausicella politura*
33. Haag's bromeliad Fly - *Copestylum haagii*
34. Longlegged fly - *Condylostylus longicornis*
35. Longlegged fly - *Tachytrechus* sp.
36. Bottle fly - *Phaenicia* sp.
37. Common European Greenbottle Fly - *Lucilia sericata*
38. Blow fly - *Lucilia* sp.
39. Blow fly - *Calliphora latifrons*
40. Bristle fly - *Deopalpus hirsutus*
41. Bristle fly - *Phasiini* sp.
42. Bristle fly - *Ormia ochracea*
43. Bristle fly - Exoristinae
44. Bristle fly - sp.
45. Bristle fly - *Exorista* sp.
46. Bristle fly - *Paradidyma* sp.
47. Lance fly - *Silba fumosa*
48. Lance fly - *Lonchaea* sp. "a"
49. Lance fly - *Lonchaea* sp. "b"
50. Parasitic fly - *Clausicella* sp.
51. Parasitic fly - *Clausicella setigera*
52. Tachinid fly - *Archytas* sp.
53. Tachinid fly - *Leskiini* sp.

## Wildlife Species List

54. Hover fly - Sphaerophoria sp.
55. Large-tailed Aphideater - Eupeodes volucris
56. Hover fly - Syrirta pipiens -non-native
57. Hover fly -Nausigaster unimaculata
58. Western aphideater - Eupeodes fumipennis
59. Spotted-winged drosophila - Drosophila suzukii
60. Margined calligrapher - Toxomerus marginatus
61. Oblique streaktail - Allograpta obliqua
62. Exotic streaktail - Allograpta exotica
63. Black-backed grass skimmer - Paragus haemorrhous
64. Window fly - Scenopinidae sp.
65. Lesser house fly - Fannia canicularis
66. House fly - Coenosia tigrina
67. Window gnat - Sylvicola fenestralis
68. Woodpecker fly - Medetera sp.
69. Lesser dung fly - sp.
70. Syrphid fly - Dioprosopa clavata
71. Syrphid fly - Eristalis stipulator
72. Syrphid fly - Copestylum haagii
73. Stripe-eyed lagoon fly - Eristalinus taeniops -- non-native
74. Biting midge - Forcipomyia
75. Biting midge - Ceratopogonidae "a"
76. Biting midge - Ceratopogonidae "b"
77. Biting midge - Ceratopogonidae "c"
78. Biting midge - Dasyhelea sp.
79. White sage leaf gall midge - Rhopalomyia audibertiae
80. Biting midge - Culicoides sp.
81. Biting midge - Ceratopogoninae
82. Black fly - Simulium sp.
83. Striped black fly - Simulium vittatum
84. Non-biting midges - Chironomus group
85. Non-biting midge - Cricotopus
86. Non-biting midge - Orthocladiinae "a"
87. Non-biting midge - Orthocladiinae "b"
88. Non-biting midge - Chironomidae "a"

## Wildlife Species List

89. Non-biting midge - Chironomidae "b"
90. Non-biting midge - Chironomidae "c"
91. Non-biting midge - Chironomidae "d"
92. Non-biting midge - Chironomidae "e"
93. Non-biting midge - Cricotopus sp. "a"
94. Non-biting midge - Cricotopus sp. "b"
95. Non-biting midge - Cricotopus sp. "c"
96. Non-biting midge - Chironomini sp.
97. Non-biting midge - Tanypodinae.
98. Gall midge - Cecidomyiidi sp.
99. Gall midge - Cecidomyiidae "a"
100. Gall midge - Cecidomyiinae "b"
101. Gall midge - Sciaroidea
102. Gall midge - Karshomyia
103. Gall midge - Cecidomyiidi
104. Leaf-miner fly - Calycomyza sp.
105. Leaf-miner fly - Melanagromyza sp.
106. Snipe fly - Rhagio sp.
107. Saw fly - Diprionidae sp.
108. Small fruit fly - Drosophila sp.
109. Fruit fly - Trupanea wheeleri
110. Fruit fly - Dioxyna picciola
111. Fruit fly - Trupanea vicina
112. Vinegar fly - Drosophila repleta
113. Vinegar fly - Drosophilinae sp.
114. Phantom midge - Chaoborus subgenus Sayomyia
115. Spotted-winged drosophila - Drosophila suzukii
116. Frit fly - Chloropidae sp.
117. Frit fly - Oscinellinae sp. "a"
118. Frit fly - Oscinellinae sp. "b"
119. Tiger fly - Coenosia sp. "a"
120. Tiger fly - Coenosia sp. "b"
121. Tiger fly - Coenosia sp. "c"
122. Muscoid fly - Fannia sp.
123. Muscoidea - sp.

## Wildlife Species List

124. Humpbacked fly - Phoridae
125. Dark-winged fungus gnat - sp.
126. Dark-winged fungus gnat - sp.
127. Dark-winged fungus gnat - Sciaridae sp.
128. Root-maggot fly - Anthomyiidae sp.
129. Root-maggot fly - Anthomyia ochripes
130. Root-maggot fly - Eutrichota sp. "a"
131. Root-maggot fly - Eutrichota sp. "b"
132. Root-maggot fly - Affinis section
133. Root-maggot fly - sp.
134. Root-maggot fly - Eustalomyia sp.
135. Root-maggot fly - Anthomyia sp. "a"
136. Root-maggot fly - Anthomyia sp. "b"
137. Sunflower seed maggot fly - Neotephritis finalis
138. Fungus gnat - Mycomyinae sp.
139. Fungus Gnat - Mycetophilidae sp. "a"
140. Fungus Gnat - Mycetophilidae sp. "b"
141. Fungus Gnat - Mycetophilidae sp. "c"
142. Limoniid Crane Flies - Geranomyia
143. Large crane fly - Tipula sp. "a"
144. Large crane fly - Tipula sp. "b"
145. Large crane fly - Tipula schizomera
146. Giant crane fly - Tipula sp.
147. Tiger crane fly - Nephrotoma wulpiana
148. European crane fly - Tipula paludosa - non-native
149. Crane fly - Geranomyia sp.
150. Limnophila crane fly - Limnophila sp.
151. Yellow-spotted bromeliad fly - Copestylum avidum
152. Striped mosquito - Aedes notoscriptus
153. Mosquito - culex sp.
154. Winter marsh mosquito - Culiseta inornata
155. Yellow fever mosquito - Aedes aegypti – non-native
156. Western encephalitis mosquito - Culex tarsalis
157. Cold weather mosquito - Culiseta incidens
158. March fly - Bibiodes sp.

# Wildlife Species List

- 159. African fig fly - *Zaprionus indianus* – non-native
- 160. Boatman fly - *Pogonortalis doclea* -- non-native
- 161. Flesh fly - *Sarcophaga* sp.
- 162. Robber fly - *Leptogastrinae*
- 163. Bumble bee robber fly - *Mallophora faultrix*
- 164. Black scavenger fly - *Sepsis* sp.

## Scorpions

- 1. California common scorpion - *Paruroctonus silvestrii*

## Spiders

- 1. Long-bodied cellar spider - *Pholcus phalangioides*
- 2. Haplogyne spider - sp.
- 3. Pirate spider - *Mimetus eutypus*
- 4. Northern yellow sac spider - *Cheiracanthium mildei*
- 5. Conical trashline orbweaver - *Cyclosa conica*
- 6. Humped trashline orbweaver - *Cyclosa turbinata*
- 7. Orb weaver - *Metepeira crassipes*
- 8. Orb weaver - *Metepeira* sp.
- 9. Fence long-legged cobweaver - *Theridion murarium*
- 10. Cobweb spider - *Theridion californicum*
- 11. Cobweb spider - *heridion submissum*
- 12. Cobweb spider - sp.
- 13. Butterfly orbweaver - *Araneus pegnia*
- 14. Labyrinth orb-weaver - *Metepeira arizonica*
- 15. Grass orb-web spider - *Larinia directa*
- 16. California orbweaver - *Araneus montereyensis*
- 17. Western spotted orbweaver - *Neoscona oaxacensis*
- 18. Spotted orbweaver - *Neoscona crucifera*
- 19. Typical orbweaver - *Eustala*
- 20. Cat-faced orbweaver - *Araneus gemmoides*
- 21. Orbweaver - *Eriophora edax*

## Wildlife Species List

22. Orbweaver - *Metepeira spinipes*
23. Roundshouldered orbweaver - *Araneus*
24. Roundshouldered Orbweaver - *Araneus montereyensis*
25. Jeweled araneus - *Araneus gemma*
26. Banded garden spider - *Argiope rifasciata*
27. Gertsch's socialchemmis spider - *Socalchemmis gertschi*
28. Wolf spider - *Schizocosa mccoeki*
29. Flower spider - *Misumenops* sp.
30. Whitebanded crab spider - *Misumenoides formosipes*
31. Northern crab spider - *Mecaphesa asperata*
32. Bark crab spider - *Bassaniana utahensis*
33. Running crab spider - *Philodromus rufus*
34. Running crab spider - *Philodromus speciosus*
35. Running crab spider - *Philodromidae* sp. "a"
36. Running crab spider - *Philodromidae* sp. "b"
37. Crab spider - *Diaea livens*
38. Crab spider - *Mecaphesa* sp.
39. Crab spider - *Mecaphesa californica*
40. Green lynx spider - *Peucetia viridans*
41. Bark lynx spider - *Hamataliwa grisea*
42. Oak jumping spider - *Metaphidippus manni*
43. Jumping spider - *Salticidae*
44. Jumping spider - *Phidippus californicus*
45. Jumping spider - *Mexigonas morosus*
46. Minute jumping spider - *Talavera minuta*
47. Jumping spider - *Colonus hesperus*
48. Jumping spider - *Phidippus adumbratus*
49. Jumping spider - *Dendryphantina* sp.
50. Jumping spider - *Colonus hesperus*
51. Jumping spider - *Phidippus californicus*
52. Oregon paradise spider - *Habronattus oregonensis*
53. Paradise spider - *Habronattus pyrithrix*
54. Johnson's jumping spider - *Phidippus johnsoni*
55. Buttonhook leaf-beetle jumping spider - *Sassacus vitis*
56. Bold jumper - *Phidippus audax*

## Wildlife Species List

57. Ground spider - Gnaphosidae sp.
58. Black dwarf spider - Erigone sp.
59. Ghost spider - Anyphaena sp.
60. Ghost spider - Hibana incurva
61. Lace web spider - Amaurobius
62. Meshweaver - Cybaeidae
63. Meshweaver - Dictynidae sp.
64. Funnel weaver - sp.
65. Funnel weaver - Western Ageleninae
66. Hackledmesh weaver - Callobius sp.
67. Corner funnel weaver - Hololena curta
68. Crevice Weaver - Kukulcania sp.
69. Grass spider - Agelenopsis sp.
70. Hackled Orbweaver - Uloborus diversus
71. Longjawed orbweaver - Tetragnatha extensa
72. Long-jawed orbweaver- -Metellina mimetoides
73. Versicolor long-jawed orbweaver - Tetragnatha versicolor
74. Bull-headed sac spider - Trachelas pacificus
75. Octopus spider - Tmarus sp.
76. Sac spider - Clubionidae
77. Ant-mimic sac spider - Castianeira athena
78. Long-legged sac spider - Cheiracanthium sp.
79. Agrarian sac spider - Cheiracanthium inclusum
80. Common house combfoot - Theridion melanurum
81. Triangulate combfoot - Steatoda triangulosa
82. Western black widow - Latrodectus hesperus
83. Brown widow - sp. -- non-native
84. Noble false widow - Steatoda nobilis
85. False black widow - Steatoda grossa
86. House spider - Achearanea tepediorum
87. Woodlouse spider - Dysdera crocata
88. Mouse spider - Scotophaeus blackwalli



# Wildlife Species List

## Mites and Ticks

1. Feather mite - *Proctophyllodes huitzilopochtlii*
2. Spider mite - *Balaustium* sp.
3. Spider mite - *Bryobia* sp.
4. Velvet mite - sp.
5. Mite - *Astigmata* sp.
6. Sidewalk mite - *Balaustium* sp.
7. Phoretic mite - *Poecilochirus carabi*
8. Phoretic bee mite - sp.
9. Mule fat blister mite - *Aceria baccharices*
10. California black walnut pouch gall mite - *Aceria brachytarsa*
11. Mite - *Prostigmata* sp.
12. Bdelloid Mite - *Hirstiella trombidiformes*
13. Mite - *Leptus* sp.
14. Beetle mite - *Hydrozetes* sp.
15. Beetle mite - *Oribatida* sp. "a"
16. Beetle mite - *Oribatida* sp. "b"
17. Beetle mite - *Oribatida* sp. "c"
18. Sidewalk mite - *Balaustium* sp.
19. Trombidiform mite - *Prostigs* sp.
20. Whirligig mite - *Anystis* sp.
21. Prostig - *Rhagidiidae* "a"
22. Prostig - *Rhagidiidae* "b"
  
23. Pacific coast tick - *Dermacentor occidentalis*
24. Western black-legged tick - *Ixodes pacificus*

## Centipedes, Millipedes and Symphylans

1. House centipede - *Scutigera coleoptrata* – non-native
2. Stone centipede - *Lithobiidae*
3. Stone centipede - *Gosibius monicus*
4. Western fire centipede - *Scolopocryptops gracilis*
5. Soil centipede - *Schendyla nemorensis*

# Wildlife Species List

6. Soil centipede - Geophilomorpha
7. Soil centipede - Nyctunguis glendorus
  
8. Greenhouse millipede - Oxidus gracilis -- non-native
9. Large common millipede - Hiltonius sp.
10. Flat-backed millipede - Nearctodesmidae
11. Spotted snake millipede - Blaniulus guttulatus -- non-native
12. Snake millipede - Brachyiulus sp.
13. Snake millipede - Julida sp.
14. Round-backed millipede - Tidolus parvus
  
15. Symphylan - Scutigereella sp.
16. Symphylan - Hanseniella sp.

## Crustaceans

1. Common pill woodlouse - Armadillidium vulgare
2. Porcellionid woodlouse - sp.

## Snails and Slugs

1. Glass snail - Oxychilus spp. - non-native
2. Brown garden snail - Cornu aspersum
  
3. Milky slug - Deroceras reticulatum
4. Yellow cellar slug - Slug Limacus
5. Chestnut slug - Deroceras invadens
6. Threeband slug - Ambigolimax sp.

## Segmented Worms

1. Common earthworm - Lumbricus terrestris sp.
2. Potworm - Enchytraeidae

# Resources

## Online

Bugguide  
Moth Photographers Group  
iNaturalist  
zoology.ubc.ca  
Arthropods of Orange County, California  
californiaherps  
Bats of the Santa Monica Mountains

## Print

The Insects of the Los Angeles Basin  
Charles L. Hogue and James N. Hogue

American Insects  
Ross H. Arnett Jr.

Moths of Western North America  
Jerry A. Powell and Paul A. Opler

Plant Galls of the Western United States  
Ronald A. Russo

Common Spiders of North America  
Richard A. Bradley and Steve Buchanan

Southern California Butterflies  
by Fred Heath and Herbert Clarke

California Plants as Resources for Lepidoptera  
Jeffrey Allen Caldwell

A Field Guide to Insects and Diseases of California Oaks  
Tedmund Julian Swiecki and Elizabeth Bernhardt

Field Guide to the Common Bees of California  
Jeffrey Allen Caldwell

Field Guide to Beetles of California  
by Arthur V. Evans and James N. Hogue

Mammals of California  
Tamara Eder, Ian Sheldon, et al.

The Sibley Guide to Birds  
by David Allen Sibley