

Spiders-Arachnida araneae

Spiders

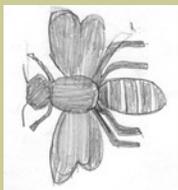
- ___ Sheet Web Weaver
- ___ Branch Tip Spider
- ___ Wolf Spider
- ___ Crab Spider
- ___ Jumping Spider
- ___ Common House



Invertebrates: Insects and Spiders

What is an Insect?

Insects are Arthropods which have segmented bodies divided in 3 sections, 6 legs and 2 antennae. They are found in Class Insecta and include the majority of the invertebrate species.



What is a Spider?

A spider is also an Arthropod but not an insect because they only have 2 body segments, 8 legs and no antennae. They belong to Class Arachnida and have their own Order Araneae.



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Devils Postpile Insect and Spider Checklist

Devils Postpile National Monument provides habitat to a diversity of wildlife however, invertebrates, such as insects and spiders, are less well known and often overlooked. The Middle Fork of the San Joaquin River runs through the monument and provides habitat for both terrestrial and aquatic invertebrates. Ecologist Jeff Homlquist and Jutta Schmidt-Gengenbach from the University of California White Mountain Research Station surveyed the riparian corridor including the river and wet and dry meadow habitats at several different times from May 2003 to October 2004 . This study completed a list of about 100 insect and spider species. Areas such as Soda Springs meadow, which often flood during the early stages of snowmelt and slowly dry out as the season progresses, provides ideal habitat for both the insect larvae and adults. This checklist is by no means complete but it gives a wonderful overview of those creatures which are mostly invisible to us. So when seeking out insects and spiders be patient, sit in one spot on the shore by the river or by a meadow, and wait for them to show themselves. Or try looking under a rock, being careful not to crush what may be underneath and gently replacing it after you have discovered its hidden secrets. Please remember to leave the monument how you found it so others may enjoy it too.

Drawings and Layout by Rachael Kerwin 2006

Devils Postpile National Monument
Mammoth Lakes, California

Website: www.nps.gov/depo
Phone: 760-934-2289



Devils Postpile National Monument

Checklist of Insects and Spiders



Insects— *Insecta*

Bees, Ants and Wasps

- ___ Bumble Bee
- ___ Mining Bee
- ___ Gall Wasp
- ___ Carpenter Ant
- ___ Brown Ant
- ___ Red Ant
- ___ Ichneumon Wasp
- ___ Carpenter Bee
- ___ Yellow Jacket
- ___ Sawfly
- ___ Pacific Cuckoo Wasp
- ___ Cricket Hunter Wasp



Beetles

- ___ Metallic Wood Borers
- ___ Ground Beetle
- ___ Tiger Beetle
- ___ Long-Horned Beetle
- ___ Lady Bug Beetle
- ___ Blister Beetle
- ___ Western Pine Beetle
- ___ Darkling Ground Beetle
- ___ Click Beetle
- ___ Leaf Beetle
- ___ Rove Beetle
- ___ Scarab Beetle
- ___ Weevil
- ___ Whirligig Beetle
- ___ Predacious Diving Beetle
- ___ Water Scavenger Beetle



Butterflies and Moths

- ___ Blue
- ___ Cooper
- ___ Hairstreak
- ___ Skipper
- ___ Monarch



Butterflies and Moths (Cont.)

- ___ Fritillary
- ___ Checker Spot
- ___ Mourning Cloak
- ___ Admiral
- ___ Lady
- ___ California Sister
- ___ Buckeye
- ___ Spinx Moth
- ___ Plume Moth
- ___ Sulfur
- ___ Swallow Tail



Caddisflies

- ___ Northern Caddisfly
- ___ Little Black

Cicadas and Leafhoppers

- ___ Cicadas
- ___ Leafhopper
- ___ Psyllidea
- ___ Plant Hopper



Dragonflies and Damselflies

- ___ Dragonfly
- ___ Damselfly

Grasshoppers and Crickets

- ___ Grasshopper

Flies

- ___ Gnat
- ___ Black Fly
- ___ Bee Fly
- ___ Mosquito
- ___ House Fly
- ___ Crane Fly
- ___ Horse Fly
- ___ March Fly
- ___ Flesh Fly
- ___ Dance Fly
- ___ Pointed Winged
- ___ Scuttle Fly
- ___ Frit Fly
- ___ Tiger Fly



Flies (cont.)

- ___ Robber Fly
- ___ Moth Fly
- ___ Watersnipe Fly

Mayflies

- ___ Stream Mayfly
- ___ Small Mayfly
- ___ Spinners
- ___ Midboreal Mayfly
- ___ Spiny Crawler

Net Vined Insects

- ___ Antlion

Scorpion Flies

- ___ Scorpion Fly

Silverfish

- ___ Silverfish

Snake Flies

- ___ Snake Fly

Springtails

- ___ Springtail

Stoneflies

- ___ Common Stonefly
- ___ Giant Stonefly
- ___ Green Winged Stonefly
- ___ Rolled Winged Stonefly
- ___ Roach Like Stonefly

Termites

- ___ Termite

True Bugs

- ___ Plant Bug
- ___ Water Strider
- ___ Seed Bug
- ___ Giant Water Bug
- ___ Stink Bug
- ___ Back Swimmer
- ___ Water Boatmen
- ___ Minute Pirate Bug
- ___ Damsel Bug
- ___ Shore Bug

