

Chaparral Arthropod List
By the California Chaparral Institute
 June 1, 2013



INSECTS: CLASS INSECTA				
Insects with Complete Metamorphosis				
BUTTERFLIES AND MOTHS: Lepidoptera	Primary Larval Food	Reproductive Behavior	Adult Flight Period	Notes
Swallowtail Butterflies: Papilionidae Family				
Western Tiger Swallowtail (<i>Papilio rutulus</i>)	Western Sycamore (<i>Platanus racemosa</i>), various willows, cottonwood	1-3 broods, overwinters as chrysalis	Mar.-Sept.	
Anise Swallowtail (<i>Papilio zelicaon</i>)	Fennel (<i>Foeniculum vulgare</i>), other Apiaceae species	Many broods	All year along the coast	Hilltopping
Pale Swallowtail (<i>Papilio eurymedon</i>)	Spiney Redberry (<i>Rhamnus crocea</i>), <i>Ceanothus</i> species		Mar.-Aug.	Hilltopping
Brush-footed Butterflies: Nymphalidae Family				
Monarch (<i>Danaus plexippus</i>)	Milkweed	2-3 broods in foothills, overwinters as adults along coast	Winter along coast, spring-fall in foothills	Migrate and cluster in large numbers along coast
Striated Queen (<i>Danaus gilippus strigosus</i>)	Climbing Milkweed (<i>Sarcostemma cyanchoides</i>)	Desert breeder	Apr.-Nov.	
Comstock's Fritillary (<i>Speyeria callipe comstocki</i>)	Johnny-Jump-Up (<i>Viola pedunculata</i>)		May-June	
Semiramis Fritillary (<i>Speyeria coronis semiramis</i>)	???		June-Sept.	
Gabb's Checkerspot (<i>Chlosyne gabbii</i>)	California Aster (<i>Lessingia filaginifolia</i>), Telegraph Weed		March-June	
Chalcedon Checkerspot (<i>Euphydryas calcedona c.</i>)	Yellow Bush Penstemon (<i>Keckiella antirrhinodies a.</i>)			
Painted Lady (<i>Vanessa cardui</i>)	Cheeseweed (<i>Malva parviflora</i>)		All year	Migrate in huge numbers
West Coast Lady (<i>Vanessa annabella</i>)	Cheeseweed (<i>Malva parviflora</i>), Hoary Nettle		All year, but most common Feb.-Nov.	
Red Admiral (<i>Vanessa atalanta</i>)	Hoary Nettle (<i>Urtica dioica holosericea</i>)			
Buckeye (<i>Precis coenia</i>)	English Plantain (<i>Plantain lanceolata</i>)	Many broods	Mar.-Nov.	
Lorquin's Admiral (<i>Limenitis lorquini</i>)	Willows	2 broods	Apr.-Sept.	Near streambeds
California Sister (<i>Adelpha bredowii californica</i>)				
California Ringlet (<i>Coenonympha tullia</i>)	Grasses	3 broods, coloration differences	Feb.-Oct.	

Metalmark Butterflies: Riodiniade Family				
Behr's Metalmark (<i>Apodemia mormo virgulti</i>)	California Buckwheat (<i>Eriogonum fasciculatum</i> f.)	2 broods	Mar.-Apr., Aug.-Sept.	
White and Sulfur Butterflies: Pieridae Family				
Cabbage White (<i>Pieris rapae</i>)	Brassicaceae species	Many broods	All year	
Checkered White (<i>Pontia protodice</i>)	Brassicaceae species	Many broods	All year	Hilltopping
Orange Sulfur (<i>Colias eurytheme</i>)	Deerweed (<i>Lotus scoparius</i>), clovers	Many broods	All year	
California Dogface (<i>Colias eurydice</i>)	False Indigo (<i>Amorpha californica</i>)	2 broods	Apr.-May, Jul.-Sept.	Near streambeds
Sara Orange-tip (<i>Anthocharis sara</i>)	Mustards, other Brassicaceae species	2 broods, coloration differences, overwinters as chrysalis	Feb.-Apr., May-Jun.	
Gossamer-wing Butterflies: Lycaenidae Family				
Marine Blue (<i>Leptotes marina</i>)	Locoweed (<i>Astragalus trichopodus lonchus</i>), <i>Lathyrus</i> species	Many broods	Mar.-Oct.	
Western Tailed Blue (<i>Everes amyntula</i>)	Locoweed (<i>Astragalus trichopodus lonchus</i>)		Mar.-Aug.	
Hermes Copper (<i>Lycaena hermes</i>)	Spiny Redberry (<i>Rhamnus crocea</i>)	1 brood	Late May to late July with June 20 peak	Endemic to San Diego County
Common Hairstreak (<i>Strymon melinus</i>)	Malvaceae species			
California Hairstreak (<i>Satyrium californica</i>)	Oaks	1 brood	June-Aug.	
Gold-hunter's Hairstreak (<i>Satyrium auretorum spadix</i>)	Nuttal's Scrub Oak (<i>Quercus dumosa</i>)			
Mountain Mahogany Hairstreak (<i>Satyrium tetra</i>)	Mountain Mahogany (<i>Cercocarpus betuloides</i> b.)			
Hedgerow Hairstreak (<i>Satyrium saepium</i>)	<i>Ceanothus</i> species			
Skipper Butterflies: Hesperidae Family				
Fiery Skipper (<i>Hylephila phyleus</i>)	Bermuda Grass (<i>Cynodon dactylon</i>)		Apr.-Dec.	
Funeral Duskywing (<i>Erynnis funeralis</i>)	Locoweed, other Fabaceae species	3 broods	Feb.-Oct.	
Western Checkered Skipper (<i>Pyrgus albescens</i>)	Malvaceae species		All year, Feb.-Oct. most common	
Silk Moths: Saturniidae Family				
Ceanothus Silk Moth (<i>Hyalophora euryalus</i>)	<i>Ceanothus</i> species, Laurel Sumac		Mar.-Apr.	
Sphinx Moths: Sphingidae Family				
White-lined Sphinx (<i>Hyles lineata</i>)	Onagraceae species, many other plants		Spring-Summer	

Tussock Moths: Lymantriidae Family				
Western Tussock Moth (<i>Orgyia cana</i>)	Coast Live Oak (<i>Quercus agrifolia a.</i>), Rosaceae species	2 broods, overwinters as egg	May-July, Sept.-Oct.	Female wingless
Tiger Moths: Arctiidae Family				
Acree Moth (<i>Estigmene acrea</i>)	Many plant species	Overwinters as larva, pupates in spring	Summer	Woolly-bear larva
Mexican Tiger Moth (<i>Notarctia proxima</i>)	Many herbaceous plant species		Summer	Woolly-bear larva
Incurvariid Moths: Incurvariidae Family				
Yucca Moth (<i>Tegeticula maculata</i>)	<i>Yucca</i> species		Spring	
FLIES AND FRIENDS: Diptera	Primary Larval Food	Reproductive Behavior		Notes
Common Crane Fly (<i>Tipula planicornis</i>)				
Giant Crane Fly (<i>Holorusia hespera</i>)				
Flesh Fly (Sarcophagidae family)				
Drone Fly (<i>Eristalis tenax</i>)				
Bumble Bee Robber Fly (<i>Mallophora faurix fauricoides</i>)				
Cactus Fly (<i>Copestylum mexicana</i>)				
Bee Flies (Bombyliidae family)				
Tachinid Fly (<i>Archytas apicifer</i>)				
Smoke Flies (Platypezidae family)				
BEETLES: Coleoptera	Primary Larval Food	Reproductive Behavior		Notes
Black Ground Beetle (<i>Pristonychus complanatus</i>)				
California Lady Beetle (<i>Coccinella californica</i>)				
Ironclad Beetle (<i>Phloeodes pustulosus</i>)				
Stink Beetle (<i>Eleodes species</i>)				
Wooly Darkling (<i>Cratidus osculans</i>)				
Brown Leatherwing (<i>Cantharis consors</i>)				
Hairy Cyclocephala (<i>Cyclocephala species</i>)				

Fire Beetles (<i>Melanophila species</i>)				
California Prionus (<i>Prionus californicus</i>)				
Western Spotted Cucumber Beetle (<i>Diabrotica undecimpunctata u.</i>)				
Yucca Weevil (<i>Scyphophorus yuccae</i>)				
ANTS, WASPS, AND BEES: Hymenoptera	Primary Larval Food	Reproductive Behavior		Notes
Argentine Ant (<i>Iridomyrmex humilis</i>)				
California Harvester Ant (<i>Pogonomyrmex californicus</i>)				
Yellow Jacket (<i>Vespula pensylvanica</i>)				
Golden Polistes Wasp (<i>Polistes fuscatus aurifer</i>)				
Mud Dauber Wasp (<i>Sceliphron caementarium</i>)				
Blue Mud Wasp (<i>Chalybion californicum</i>)				
Sand Wasp (<i>Bembix species</i>)				
Tarantula Hawk (<i>Pepsis species</i>)				
Velvet Ant (<i>Dasymutilla species</i>)				
Cuckoo Wasp (<i>Chrysura pacifica</i>)				
Live Oak Gallfly (<i>Callirhytis quercuspomiformis</i>)				
Aphid Killer Wasps (<i>Aphidius species</i>)				
Leaf Cutter Bees (<i>Megachile species</i>)				
Sweat Bees (Halictidae family)				
Carpenter Bees (<i>Xylocopa species</i>)				
Bumble Bees (<i>Bombus species</i>)				
European Honey Bee (<i>Apis mellifera</i>)				

NERVE-WINGED INSECTS: Neuroptera	Primary Food	Reproductive Behavior		Notes
Green Lacewing (<i>Chrysoperla species</i>)				
Antlion (Myrmeleontidae family)				
Insects with Incomplete Metamorphosis				
GRASSHOPPERS & FRIENDS: Orthoptera	Primary Food	Reproductive Behavior		Notes
Banded-winged Grasshoppers (<i>Trimerotropis species</i>)				
Tree Cricket (<i>Oecanthus argentinus</i>)				
Field Cricket (<i>Gryllus species</i>)				
Broad-winged Katydid (<i>Microcentrum rhombifolium</i>)				
Fork-tailed Bush Katydid (<i>Scudderia mexicana</i>)				
Chaparral Katydid (<i>Platylyra californica</i>)				
Jerusalem Cricket (<i>Stenopelmatus species</i>)				
PRAYING MANTIDS: Mantodea	Primary Food	Reproductive Behavior		Notes
California Mantid (<i>Stagmomantis californica</i>)				
TRUE BUGS: Heteroptera	Primary Food	Reproductive Behavior		Notes
Say's Stink Bug (<i>Chlorochroa sayi</i>)				
Harlequin Bug (<i>Murgantia histrionica</i>)				
Western Leaf-footed Bug (<i>Leptoglossus clypealus</i>)				
Squash Bug (<i>Anasa tristis</i>)				
Milkweed Bug (<i>Lygaeus kalmii</i>)				
Bee Assassin (<i>Apiomerus crassipes</i>)				
Sycamore Lace Bug (<i>Corythuca ciliata confraternus</i>)				

LEAF HOPPERS & FRIENDS: Homoptera	Primary Food	Reproductive Behavior		Notes
Cicada (Cicadidae family)				
Blue-Green Sharpshooter (<i>Graphocephala atropunctata</i>)				
Spittle Bug (<i>Aphrophora species</i>)				
Keelbacked Treehopper (<i>Antianthe expansa</i>)				
Aphid (Aphididae family)				
Cochineal Scale (<i>Dactylopius species</i>)				Development resembles complete metamorphosis with last nymph stage pupa-like.
DRAGONFLIES & DAMSELFLIES: Odonata	Primary Food	Reproductive Behavior		Notes
Pastel Skimmer (<i>Sympetrum corruptum</i>)				
Sage Scrub Dragonfly (<i>Libellula nodisticata</i>)				
California Archilestes (<i>Archilestes californica</i>)				
SPIDERS: CLASS ARACHNIDA				
Spider Species	Web Type	Reproductive Behavior		Notes
Trapdoor Spiders (<i>Aphonopelma species</i>)				
Golden Orb Weaver (<i>Argiope aurantia</i>)				
Jumping Spiders (<i>Salticidae family</i>)				
Crab Spiders (Thomisidae family)				
Funnel Weavers (Agelenidae family)				
Wolf Spiders (Lycosidae family)				
Lynx Spider (<i>Peucetia viridans</i>)				