

NEW SPECIES:

[] _____
[] _____
[] _____
[] _____

KEY TO SYMBOLS:

*Rare, occurs within only one county &/or only a few records or locations known for within California. Please report all sightings.

**Accidental in occurrence, probably not breeding successfully in California. Please report all sightings.

***An endemic species in need of conservation – It is suggested that you do not collect without a permit from the California Department of Fish and Game.

This shorthand notation for observations may be useful:

- ^ = male + = female
- ‡ = pair in tandem ♂ = pair *in copula*
- ↓ = female ovipositing solo ↑ = female ovipositing in tandem

Double the symbols for more than one occurrence, e.g.: ‡‡ = multiple pairs in tandem

Date: _____

Time: _____

Location: _____

Weather: _____

Observers: _____

Total Species: _____

Notes:

Aids to dragonfly and damselfly identification, including color photos, may be found in the following publications and web sites:

Common Dragonflies of California, A Beginner's Pocket Guide, Kathy Biggs, Azalea Creek Publishing, 2000.

The Dragonflies and Damselflies of California, Tim Manolis, University of California Press, 2003.

Dragonflies of California and Common Dragonflies of the Southwest, A Beginner's Pocket Guide, Kathy Biggs, Azalea Creek Publishing, 2006.

Dragonflies through Binoculars: A Field Guide to the Dragonflies of North America, Sidney W. Dunkle, Oxford University Press, 2000.

California Odonata, including photos and distribution maps (Kathy Biggs): sonic.net/dragonfly/

Field Key /Photo Identifier to California's Odonata (Kathy Biggs): sonic.net/dragonfly/CA_key.html

Southwest Odonata, including photos and distribution maps (Kathy Biggs): southwestdragonflies.net/

This list is based based on the existence of voucher specimens or photos for each species. Any sightings of rare species or species not listed are of interest to the compiler of this list and others. Reports should include the date and exact location, and, if possible, voucher specimens or photographs and descriptions of dragonfly, behavior, and location. Report to: Kathy Biggs/California Dragonflies 308 Bloomfield Rd., Sebastopol, CA 95472 Phone: 707-823-2911 Email: azalea@sonic.net

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A CHECKLIST OF THE DRAGONFLIES AND DAMSELFLIES (ODONATA) OF CALIFORNIA



Above: Pacific Spiketail – *Cordulegaster dorsalis*. Photo by Dave Biggs 2001

Compiled by Kathy R. Biggs

Dragonflies are easiest to see on sunny, calm days. They are best approached slowly and directly, rather than quickly &/or diagonally. © 2008 by Kathy R. Biggs/Azalea Creek Publishing

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DRAGONFLIES - ODONATA

113 California species:

DRAGONFLIES - ANISOPTERA – 72 SPECIES

PETALTAILS – PETALURIDAE – 1 SPECIES

- [] Black Petaltail – *Tanypteryx hageni*

DARNERS – AESHNIDAE – 11 SPECIES

- [] Canada Darner – *Aeshna canadensis* *
- [] Variable Darner – *Aeshna interrupta*
- [] Paddle-tailed Darner – *Aeshna palmata*
- [] Shadow Darner – *Aeshna umbrosa*
- [] Walker's Darner – *Aeshna walkeri*
- [] Common Green Darner – *Anax junius*
- [] Giant Darner – *Anax walsinghami*
- [] Riffle Darner – *Oplonaeschna armata* **
- [] California Darner – *Rhionaeschna californica*
- [] Blue-eyed Darner – *Rhionaeschna multicolor*
- [] Turquoise-tipped Darner – *Rhionaeschna psilus* **

SPIKETAILS – CORDULEGASTERIDAE – 1 SPECIES

- [] Pacific Spiketail – *Cordulegaster dorsalis*

CLUBTAILS – GOMPHIDAE – 12 SPECIES

- [] White-belted Ringtail – *Erpetogomphus compositus*
- [] Serpent Ringtail – *Erpetogomphus lampropeltis*
- [] Pacific Clubtail – *Gomphus kurilis*
- [] Grappletail – *Octogomphus specularis*
- [] Bison Snaketail – *Ophiogomphus bison*
- [] Great Basin Snaketail – *Ophiogomphus morrisoni*
- [] Sinuous Snaketail – *Ophiogomphus occidentis*
- [] Pale Snaketail – *Ophiogomphus severus* *
- [] Gray Sanddragon – *Progomphus borealis*
- [] Brimstone Clubtail – *Stylurus intricatus*
- [] Olive Clubtail – *Stylurus olivaceus*
- [] Russet-tipped Clubtail – *Stylurus plagiatus*

CRUISERS – MACROMIIDAE – 1 SPECIES

- [] Western River Cruiser – *Macromia magnifica*

EMERALDS – CORDULIINAE – 5 SPECIES

- [] American Emerald – *Cordulia shurtleffii*
- [] Beaverpond Baskettail – *Epitheca canis*
- [] Spiny Baskettail – *Epitheca spinigera* *
- [] Ringed Emerald – *Somatochlora albicincta*
- [] Mountain Emerald – *Somatochlora semicircularis*

SKIMMERS – LIBELLULIDAE – 41 SPECIES

- [] Red-tailed Pennant – *Brachymesia furcata*
- [] Pale-faced Clubskimmer – *Brechmorhoga mendax*
- [] Western Pondhawk – *Erythemis collocata*
- [] Plateau Dragonlet – *Erythrodiplax basifusca* **
- [] Chalk-fronted Corporal – *Ladona julia*
- [] Crimson-ringed Whiteface – *Leucorrhinia glacialis*
- [] Hudsonian Whiteface – *Leucorrhinia hudsonica*
- [] Dot-tailed Whiteface – *Leucorrhinia intacta*
- [] Belted Whiteface – *Leucorrhinia proxima* *
- [] Comanche Skimmer – *Libellula comanche*
- [] Bleached Skimmer – *Libellula composita*
- [] Neon Skimmer – *Libellula croceipennis*
- [] Eight-spotted Skimmer – *Libellula forensis*
- [] Widow Skimmer – *Libellula luctuosa*
- [] Hoary Skimmer – *Libellula nodisticta*
- [] Twelve-spotted Skimmer – *Libellula pulchella*
- [] Four-spotted Skimmer – *Libellula quadrimaculata*
- [] Flame Skimmer – *Libellula saturata*
- [] Marl Pennant – *Macrodiplex balteata*
- [] Roseate Skimmer – *Orthemis ferruginea*
- [] Blue Dasher – *Pachydiplax longipennis*
- [] Red Rock Skimmer – *Paltthemis lineatipes*
- [] Wandering Glider – *Pantala flavescens*
- [] Spot-winged Glider – *Pantala hymenaea*
- [] Mexican Amberwing – *Perithemis intensa*
- [] Common Whitetail – *Plathemis lydia*
- [] Desert Whitetail – *Plathemis subornata*
- [] Filigree Skimmer – *Pseudoleon superbus* **
- [] Variegated Meadowhawk – *Sympetrum corruptum*
- [] Saffron-winged Meadowhawk – *Sympetrum costiferum*
- [] Black Meadowhawk – *Sympetrum danae*
- [] Cardinal Meadowhawk – *Sympetrum illotum*
- [] Cherry-faced Meadowhawk – *Sympetrum internum*
- [] White-faced Meadowhawk – *Sympetrum obtrusum*
- [] Red-veined Meadowhawk – *Sympetrum madidum*
- [] Band-winged Meadowhawk – *Sympetrum semicinctum*
- [] Striped Meadowhawk – *Sympetrum pallipes*
- [] Autumn Meadowhawk – *Sympetrum vicinum* *
- [] Striped Saddlebags – *Tamea calverti* **
- [] Black Saddlebags – *Tamea lacerata*
- [] Red Saddlebags – *Tamea onusta*

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California Dragonflies: sonic.net/dragonfly/

DAMSELFLIES – ZYGOPTERA – 41 SPECIES

BROAD-WINGED DAMSELS – CALOPTERYGIDAE – 2 SPECIES

- [] River Jewelwing – *Calopteryx aequabilis*
- [] American Rubyspot – *Hetaerina americana*

SPREADWING DAMSELS – LESTIDAE – 7 SPECIES

- [] California Spreadwing – *Archilestes californica*
- [] Great Spreadwing – *Archilestes grandis*
- [] Spotted Spreadwing – *Lestes congener*
- [] Northern Spreadwing – *Lestes disjunctus*
- [] Emerald Spreadwing – *Lestes dryas*
- [] Black Spreadwing – *Lestes stultus*
- [] Lyre-tipped Spreadwing – *Lestes unguiculatus*

POND DAMSELS – COENAGRIONIDAE – 32 SPECIES

- [] Western Red Damsel – *Amphiagrion abbreviatum*
- [] California Dancer – *Argia agrioides*
- [] Paiute Dancer – *Argia alberta*
- [] Emma's Dancer – *Argia emma*
- [] Lavender Dancer – *Argia hinei*
- [] Kiowa Dancer – *Argia immunda* **
- [] Sooty Dancer – *Argia lugens*
- [] Powdered Dancer – *Argia moesta*
- [] Aztec Dancer – *Argia nahuana*
- [] Blue-ringed Dancer – *Argia sedula*
- [] Vivid Dancer – *Argia vivida*
- [] Taiga Bluet – *Coenagrion resolutum*
- [] River Bluet – *Enallagma anna*
- [] Northern Bluet – *Enallagma annexum*
- [] Double-striped Bluet – *Enallagma basidens* *
- [] Boreal Bluet – *Enallagma boreale*
- [] Tule Bluet – *Enallagma carunculatum*
- [] Familiar Bluet – *Enallagma civile*
- [] Alkali Bluet – *Enallagma clausum*
- [] Baja Bluet – *Enallagma eiseni* *
- [] Arroyo Bluet – *Enallagma praevarum*
- [] Desert Forktail – *Ischnura barberi*
- [] Pacific Forktail – *Ischnura cervula*
- [] Black-fronted Forktail – *Ischnura denticollis*
- [] Swift Forktail – *Ischnura erratica*
- [] San Francisco Forktail – *Ischnura gemina* ***
- [] Citrine Forktail – *Ischnura hastata*
- [] Western Forktail – *Ischnura perparva*
- [] Rambur's Forktail – *Ischnura ramburii*
- [] Sedge Sprite – *Nehalennia irene* *
- [] Desert Firetail – *Telebasis salva*
- [] Exclamation Damsel – *Zoniagrion exclamationis*