

Higher Classification¹

Kingdom: Animalia

**Phylum (P:), Class (C:), Order (O:)
and Family (F:)³**

Taxa Identified¹

English Name²

Phylum (P:), Class (C:), Order (O:) and Family (F:) ³	Taxa Identified ¹	English Name ²
P: Annelida		Segmented Worms
C: Oligochaeta	Oligochaeta sp.	Night Crawlers
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P: Arthropoda		Arthropods
C: Arachnida		Arachnids
O: Araneae		Spiders
F: Agelenidae	Agelenidae sp.	Funnel Weavers
F: Anyphaenidae	Anyphaenidae sp.	Ghost Spiders
F: Araneidae	Araneidae sp.	Orb Weavers
F: Clubionidae	Clubionidae sp.	Sac Spiders
F: Ctenidae	Ctenidae sp.	Wandering Spiders
F: Dictynidae	Dictynidae sp.	Meshweavers
F: Dipluridae	Dipluridae sp.	Funnelweb Spiders
F: Gnaphosidae	Gnaphosidae sp.	Stealthy Ground Spiders
F: Linyphiidae	Linyphiidae sp.	Sheetweb Weavers
F: Lycosidae	Lycosidae sp.	Wolf Spiders
F: Pholcidae	Pholcidae sp.	Daddy Long-legs Spiders
F: Salticidae	Salticidae sp.	Jumping Spiders
F: Tetragnathidae	Tetragnathidae sp.	Long-jawed Orb Weavers
F: Theridiidae	Theridiidae sp.	Comb-footed Spiders
F: Thomisidae	Thomisidae sp.	Crab Spiders
O: Opiliones	Opiliones spp.	Daddy Longlegs & Harvestmen
O: Pseudoscorpiones	Pseudoscorpiones sp.	Pseudoscorpions
iC: Acari	Acari sp.	Mites
C: Chilopoda	Chilopoda sp.	Centipedes
C: Diplopoda	Diplopoda sp.	Millipedes
O: Polydesmida		
F: Polydesmidae	Polydesmus python	
C: Entognatha		Entognathids
O: Collembola		Springtails
F: Entomobryidae	Entomobryidae sp.	Slender Springtails
F: Isotomidae	Isotomidae sp.	Smooth Springtails
F: Poduridae	Poduridae sp.	Water Springtails
F: Sminthuridae	Sminthuridae sp.	Globular Springtails
C: Insecta		Insects
O: Blattodea		Cockroaches
F: Blattidae	Blattidae sp.	American Cockroaches
O: Coleoptera		Beetles
supF: Adephaga		Ground Beetles
F: Amphizoidae	Amphizoidae sp.	Trout-stream Beetles

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P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Coleoptera (cont'd)		Beetles
supF: Adephaga (cont'd)		Ground Beetles
F: Carabidae	Caraboidea sp. Cicindelinae sp.	Ground Beetles Tiger Beetles
F: Gyrinidae	Gyrinidae sp.	Whirligig Beetles
F: Haliplidae	Haliplidae sp.	Crawling Water Beetles
F: Hygrobiidae	Hygrobiidae sp.	Diving Beetles
supF: Polyphaga		
F: Cerambycidae	Cerambycidae sp.	Long-horned & Sawyer Beetles
F: Chrysomelidae	Chrysomelidae spp.	Leaf Beetles
F: Curculionidae	Curculionidae spp.	Weevils
F: Dryophthoridae	Cactophagus sp.	Palm Weevils
F: Elateridae	Semiotus sp.	Click Beetles
F: Elmidae (Riffle Beetles)	Ancyronyx sp. Cylloepus sp. Lara sp. Neocylloepus sp. Rhizelmis sp.	Spider Water Beetles
F: Leiodidae	Leiodidae sp.	Round Fungus Beetles
F: Lycidae	Lycidae sp.	Net-winged Beetles
F: Meloidae	Meloe sp.	Blister Beetles
F: Melolonthidae (Chafers)	Phyllophaga cf. chiriquina	May Beetle
F: Nitidulidae	Nitidulidae sp.	Sap Beetles
F: Passalidae	Passalidae sp.	Bess Beetles
F: Scarabaeidae (Scarab Beetles)	Canthidium sp. Deltochilum sp. Ontherus sp. Onthophagus sp. Uroxys sp.	Scarab Beetles
F: Staphylinidae	Staphylinidae sp.	Rove Beetles
F: Tenebrionidae	Tenebrionidae sp.	Darkling Beetles
O: Dermaptera	Dermaptera sp.	Earwigs
F: Forficulidae	Forficulidae sp.	Common Earwigs
O: Diptera		True Flies, Mosquitos & Gnats
F: Blephariceridae	Blephariceridae sp.	Net-winged Midges
F: Ceratopogonidae	Ceratopogonidae sp.	Biting Midges
F: Thaumaleidae	Thaumaleidae sp.	Solitary Midges
supF: Tipuloidea		Crane Flies
F: Tipulidae	Tipulidae sp. Limoniinae sp. Tipulinae sp.	Crane Flies

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Phylum (P:), Class (C:), Order (O:) and Family (F:) ³	Taxa Identified ¹	English Name ²
P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Diptera (cont'd)		True Flies, Mosquitos & Gnats
subO: Brachycera	Brachycera sp.	Short-horned Flies
F: Asilidae	Asilidae sp.	Robber Flies
F: Dolichopodidae	Dolichopodidae sp.	Longlegged Flies
F: Muscidae	Muscidae sp.	House Flies
F: Mydidae	Mydidae sp.	Mydas Flies
F: Syrphidae	Syrphidae sp.	Flower, Hover & Syrphid Flies
F: Tabanidae	Tabanidae sp.	Horse Flies
F: Tachinidae	Tachinidae sp.	Tachinid Flies
Taxa: Cyclorrhapha	Cyclorrhapha sp.	
Taxa: Orthorrhapha	Orthorrhapha sp.	
subO: Nematocera		Long-horned Flies
F: Chironomidae (Midges)	Chironominae sp. Diamesinae sp. Podonominae sp. Tanypodinae sp.	
F: Culicidae	Culicidae sp.	Mosquitos
F: Psychodidae	Psychodidae sp.	Moth Flies
F: Simuliidae (Black Flies)	Prosimulium sp. Simulium sp.	
O: Ephemeroptera		Mayflies
F: Ametropodidae	Ametropodidae sp.	
F: Baetiscidae	Baetiscidae sp.	Armored Mayflies
F: Behningiidae	Behningiidae sp.	
F: Ephemerellidae	Ephemerellidae sp.	Spiny Crawler Mayflies
F: Heptageniidae	Heptageniidae sp.	Stream Mayflies
F: Oligoneuriidae	Oligoneuriidae sp.	
F: Palingeniidae	Palingeniidae sp.	
F: Polymitarcyidae	Polymitarcyidae sp.	Pale Burrowers
F: Potamanthidae	Potamanthidae sp.	Hacklegill Mayflies
F: Tricorythidae	Tricorythidae sp.	
O: Hemiptera		True Bugs & Allies
supF: Corixoidea		
F: Corixidae	Corixidae sp.	Corises, Water Boatman
supF: Gelastocoroidea		
F: Gelastocoridae	Gelastocoridae sp.	Toad Bugs
F: Ochteridae	Ochteridae sp.	Velvety Shore Bugs
supF: Nepoidea		
F: Belostomatidae	Belostomatidae sp.	Giant Water Bugs
subO: Auchenorrhyncha	Auchenorrhyncha sp.	True Bugs
supF: Membracoidea		
F: Cicadellidae	Cicadellidae sp.	Leafhoppers

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P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Hemiptera (cont'd)		True Bugs & Allies
subO: Auchenorrhyncha (cont'd)	Auchenorrhyncha sp.	True Bugs
supF: Membracoidea (cont'd)		
F: Membracidae	Membracidae sp.	Treehoppers
supF: Fulgoroidea	Fulgoroidea sp.	Planthoppers
subO: Cimicomorpha		Thaumastocorid Bugs
F: Miridae	Miridae sp.	Jumping Tree Bugs
subO: Heteroptera		True Bugs
F: Coreidae	Coreidae sp.	Leaf-footed Bugs
F: Pentatomidae	Pentatomidae sp.	Stink Bugs & Terrestrial Turtle Bugs
F: Reduviidae	Reduviidae sp.	Assassin Bugs
subO: Nepomorpha		Aquatic Bugs
F: Naucoridae	Naucoridae sp.	Creeping Water Bugs
O: Hymenoptera		Ants, Bees & Wasps
subO: Aculeata		
F: Andrenidae	Andrenidae sp.	Small Mining Bees
F: Apidae	Apidae sp.	Honey Bees, Bumble Bees & Allies
F: Formicidae	Formicidae sp.	Ants
Atta cephalotes		Leaf-cutter Ants
Camponotus planatus		Carpenter Ants
Dorylinae sp.		Army Ants
F: Halictidae	Halictidae sp.	Halictid or Sweat Bees
F: Mutillidae	Mutillidae sp.	Velvet Ants
F: Pompilidae	Pompilidae sp.	Spider Wasps
F: Vespidae	Vespidae sp.	Hornets, Paper and Potter Wasps, & Allies
subO: Apocrita		
F: Cynipidae	Cynipidae sp.	Cynipid Gall Wasps
F: Ichneumonidae	Ichneumonidae sp.	Ichneumon Flies or Wasps
F: Pelecinidae	Pelecinus polyturator	Pelecinids
F: Platygasteridae	Platygasteridae sp.	Platygasterids
O: Isoptera	Isoptera sp.	Termites
O: Lepidoptera		Moths & Butterflies
supF: Bombycoidea		Hawk Moths
F: Sphingidae	Sphingidae sp.	Hawk Moths, Hornworms & Sphinx Moths
supF: Papilionoidea	See Butterfly Species List ⁴	True Butterflies
supF: Tortricoidea		
F: Tortricidae	Tortricidae sp.	Leaf Rollers
O: Mantodea	Mantodea sp.	Mantids
O: Mecoptera	Mecoptera sp.	Scorpion Flies
O: Megaloptera		Alderflies, Fishflies & Dobsonflies
F: Corydalidae	Corydalus sp.	Dobsonflies

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	Taxa Identified ¹	English Name ²
P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Odonata		Dragonflies & Damselflies
subO: Anisoptera		Dragonflies
F: Aeshnidae (Darner Dragonflies)	Gynacantha sp. Rhionaeschna psilus	Two-spined Dragonflies Turquoise-tipped Darner
F: Libellulidae (Common Skimmers)	Sympetrum sp.	Meadowhawks
subO: Zygoptera	Zygoptera sp.	Damselflies
F: Calopterygidae	Hetaerina caja Hetaerina cruentata	Broad-winged Damselflies Broad-winged Damselflies
F: Coenagrionidae (Pond Damsels)	Argia extranea Argia fissa Argia immunda Argia johannella Argia lacrimans Metaleptobasis sp.	Spine-tipped Dancer Dancer Kiowa Dancer Dancer Sierra Madre Dancer
O: Orthoptera		Grasshoppers, Crickets & Katydid
F: Acrididae	Acrididae sp.	Grasshoppers
F: Gryllidae	Gryllidae sp.	Crickets
F: Tettigoniidae (Katydid)	Markia hystrix	Lichen Katydid
O: Phasmida	Phasmida sp.	Phasmids
O: Plecoptera		Stoneflies
F: Chloroperlidae	Chloroperlidae sp.	Green Stoneflies
F: Peltoperlidae	Peltoperlidae sp.	Roach-like Stoneflies
F: Perlidae	Perlidae sp.	Common Stoneflies
F: Pteronarcyidae	Pteronarcyidae sp.	Giant Stoneflies
F: Taeniopterygidae	Taeniopterygidae sp.	Winter Stoneflies
O: Psocodea	Psocodea sp.	Bark Lice
O: Thysanoptera		Thrips
F: Aeolothripidae	Aeolothripidae sp.	Broad-winged Thrips
O: Tricoptera		Caddisflies
F: Helicopsychidae	Helicopsyche sp.	Snail-case Caddisflies
F: Hydropsychidae (Netspinning Caddisflies)	Arctopsychinae sp. Diplectroninae sp. Hydropsychinae sp. Macronematinae sp.	
F: Hydroptilidae		Micro Caddisflies
subF: Hydroptilinae	Hydroptilinae sp. Leucotrichiini sp. Neotrichiini sp. Orthotrichiini sp.	
subF: Ptilocolepinae	Ptilocolepinae sp.	
F: Molannidae	Molannidae sp.	

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P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Tricoptera (cont'd)		Caddisflies
F: Polycentropodidae	Polycentropodidae sp.	Tube-making Caddisflies
O: Zygentoma	Zygentoma sp.	Silverfish
P: Arthropoda (cont'd)		Arthropods
C: Malacostracans		Malacostracans
O: Amphipoda		Amphipods
F: Gammaridae	Gammarus sp.	
O: Decapoda		Crabs, Lobsters & Shrimp
F: Pseudothelphusidae	Allacanthos cf. yawi	
O: Isopoda		Isopods
F: Armadillidae	Armadillidae sp.	
P: Mollusca		Molluscs
C: Gastropoda	Gastropoda sp.	Snails & Slugs
iC: Pulmonata	Pulmonata sp.	Pulmonate
P: Nematoda	Nematoda spp.	Roundworms
P: Onychophora	Onychophora spp.	Velvetworms
P: Platyhelminthes		Flatworms
C: Rhabditophora		
O: Seriata		
F: Geoplanidae	Geoplanidae sp.	Land Planarians, Land Flatworms

NOTES:

Short-forms: cf., indicates the individual was difficult to identify and the full species identification is uncertain; sp., indicates one or an unknown number of species of the taxon was identified; spp. indicates multiple species of the taxon were identified.

¹, Names of identified taxa based on The Catalogue of Life website (www.catalogueoflife.com).

², English names and classifications based on those found on the Encyclopedia of Life website (www.eol.org).

³, i = infra-taxon; sup = super-taxon; sub = sub-taxon

⁴, See the Butterflies Species List at www.cloudbridge.org/publications/species-lists/.

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