

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
supO: Acariformes		
O: Prostigmata		Prostigmatan mites
F: Trombiculidae	Trombiculidae sp.	Chiggers
O: Trombidiformes		
F: Hydrochnidae	Hydrochnidae sp.	
supO: Parasitiformes	Parasitiformes sp.	Ticks
C: Chilopoda	Chilopoda sp.	Centipedes
C: Diplopoda	Diplopoda sp.	Millipedes
O: Polydesmida		
F: Polydesmidae	Polydesmus python	
C: Entognatha		Entognathids
O: Collembola		Springtails
F: Poduridae	Poduridae sp.	Water Springtails
F: Sminthuridae	Sminthuridae sp.	Globular Springtails
subO: Entomobryomorpha	Entomobryomorpha sp.	
F: Entomobryidae	Entomobryidae sp.	Slender Springtails

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

Taxa Identified¹

English Name²

F: Isotomidae	Isotomidae sp.	Smooth Springtails
O: Diplura	Diplura sp.	
O: Protura	Protura sp.	Proturans
P: Arthropoda (cont'd)		
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
F: Carabidae	Caraboidea sp.	Ground Beetles
	Cicindelinae sp.	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.	Spider Water Beetles
	Cylloepus sp.	
	Heterelmis sp.	
	Lara sp.	
	Neocylloepus sp.	
	Rhizelmis sp.	
F: Georissidae	Georissus sp.	Minute Mud-loving Beetles
F: Hydrophilidae	Hydrophilidae sp.	Water Scavenger 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: Ptilodactylidae	Ptilodactylidae sp.	Toe Winged Beetles
F: Scarabaeidae (Scarab Beetles)	Canthidium sp.	Scarab Beetles
	Deltochilum sp.	
	Ontherus sp.	
	Onthophagus sp.	
	Uroxys sp.	
F: Staphylinidae	Staphylinidae sp.	Rove Beetles

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

	Taxa Identified ¹	English Name ²
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.	Crane Flies
P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Diptera (cont'd)		True Flies, Mosquitos & Gnats
supF: Tipuloidea (cont'd)		Crane Flies
F: Tipulidae (cont'd)	Limoniinae sp. Tipulinae sp.	
subO: Brachycera	Brachycera sp.	Short-horned Flies
F: Asilidae	Asilidae sp.	Robber Flies
F: Athericidae	Athericidae sp.	Watersnipe Flies
F: Dolichopodidae	Dolichopodidae sp.	Longlegged Flies
F: Muscidae	Muscidae sp.	House Flies
F: Mydidae	Mydidae sp.	Mydas Flies
F: Sciomyzidae	Sciomyzidae sp.	Marsh Flies
F: Syrphidae	Syrphidae sp.	Flower, Hover & Syrphid Flies
F: Tabanidae	Tabanidae sp.	Horse Flies
F: Tachinidae	Tachinidae sp.	Tachinid Flies
Taxa: Cyclorrhapa	Cyclorrhapa sp.	
Taxa: Orthorrhapa	Orthorrhapa sp.	
subO: Nematocera		Long-horned Flies
F: Chironomidae (Midges)	Chironominae sp. Diamesinae sp. Podonominae sp. Tanypodinae sp.	
F: Culicidae	Culicidae sp.	Mosquitos
F: Dixidae	Dixidae sp.	Meniscus Midges
F: Psychodidae	Psychodidae sp.	Moth Flies
F: Simuliidae (Black Flies)	Prosimulium sp. Simulium sp.	
O: Ephemeroptera		Mayflies
F: Ametropodidae	Ametropodidae sp.	Sand Minnow Mayflies
F: Baetidae	Baetidae sp.	Small Minnow Mayflies
F: Baetiscidae	Baetiscidae sp.	Armored Mayflies
F: Behningiidae	Behningiidae sp.	
F: Caenidae	Caenidae sp.	Small Squaregilled Mayflies
F: Ephemerellidae	Ephemerellidae sp.	Spiny Crawler Mayflies

Phylum (P:), Class (C:), Order (O:)
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	Taxa Identified ¹	English Name ²
F: Heptageniidae	Heptageniidae sp.	Stream Mayflies
F: Leptohyphidae	Leptohyphidae sp.	Little Stout Crawler Mayflies
F: Oligoneuriidae	Oligoneuriidae sp.	
F: Palingeniidae	Palingeniidae sp.	
F: Polymitarcyidae	Polymitarcyidae sp.	Pale Burrowers
F: Potamanthidae	Potamanthidae sp.	Hacklegill Mayflies
F: Siphonuridae	Siphonuridae sp.	Primitive Minnow 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
P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Hemiptera (cont'd)		True Bugs & Allies
subO: Auchenorrhyncha	Auchenorrhyncha sp.	True Bugs
supF: Membracoidea		
F: Cicadellidae	Cicadellidae sp.	Leafhoppers
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 ⁵		Ants
subF: Dolichoderinae		Odorous Ants
	Azteca sp.	Cecropia Ant
	Technomyrmex sp.	
subF: Dorylinae		Army Ants
	Eciton burchellii parvispinum	
subF: Ectatomminae		

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	Ectatomma tuberculatum	
subF: Formicinae		
	Camponotus planatus	Carpenter Ant
	Camponotus salvini	Carpenter Ant
	Nylanderia sp.	
subF: Myrmicinae		
	Acromyrmex coronatus	
	Adelomyrmex laevigatus	
	Adelomyrmex minimus	
	Atta cephalotes	
	Carebara brevipilosa	
	Carebara inca	
	Carebara reina	
	Carebara urichi	
	Crematogaster erecta	Acrobat Ant
	Megalomyrmex megadrifti	
P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Hymenoptera (cont'd)		Ants, Bees & Wasps
subO: Aculeata (cont'd)		
F: Formicidae (cont'd)		Ants
subF: Myrmicinae (cont'd)		
	Megalomyrmex miri	
	Rogeria leptonana	
	Solenopsis sp.	Fire Ants
	Temnothorax salvini	
	Temnothorax subditivus	
	Tetramorium simillimum	
	Trachymyrmex opulentus	
subF: Ponerinae		
	Hypoponera punctatissima	
	Leptogenys montuosa	
	Odontomachus sp.	Trapjaw Ants
	Pachycondyla impressa	
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

Phylum (P:), Class (C:), Order (O:)
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	Taxa Identified ¹	English Name ²
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
O: Odonata		Dragonflies & Damselflies
subO: Anisoptera		Dragonflies
F: Aeshnidae	Gynacantha sp.	Two-spined Dragonflies
(Darner Dragonflies)	Rhionaeschna psilus	Turquoise-tipped Darner
F: Cordulegastridae	Cordulegastridae sp.	Spiketails
F: Corduliidae	Corduliidae sp.	Emerald Dragonflies
F: Gomphidae	Gomphidae sp.	Clubtails
P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Odonata (cont'd)		Dragonflies & Damselflies
subO: Anisoptera (cont'd)		Dragonflies
F: Libellulidae	Sympetrum sp.	Meadowhawks
(Common Skimmers)		
F: Macromiidae	Macromiidae sp.	Cruisers
subO: Zygoptera		Damselflies
F: Calopterygidae	Hetaerina caja	Broad-winged Damselflies
	Hetaerina cruentata	Broad-winged Damselflies
F: Coenagrionidae	Argia extranea	Spine-tipped Dancer
(Narrow-winged	Argia fissa	Dancer
Damselflies)	Argia immunda	Kiowa Dancer
	Argia johannella	Dancer
	Argia lacrimans	Sierra Madre Dancer
	Metaleptobasis sp.	
O: Orthoptera		Grasshoppers, Crickets & Katydid
F: Acrididae	Acrididae sp.	Grasshoppers
F: Gryllidae	Gryllidae sp.	Crickets
F: Stenopelmatidae	Stenopelmatidae sp.	Jerusalem Crickets
F: Tettigoniidae (Katydids)	Markia hystrix	Lichen Katydid
O: Phasmatodea	Phasmatodea spp.	Stick and Leaf Insects
supF: Aschiphasmatoidea		
F: Prisopodidae	Damasippus westwoodi	
O: Plecoptera		Stoneflies

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Phylum (P:), Class (C:), Order (O:) and Family (F:) ³	Taxa Identified ¹	English Name ²
F: Capniidae	Capniidae sp.	Small Winter Stoneflies
F: Chloroperlidae	Chloroperlidae sp.	Green Stoneflies
F: Peltoperlidae	Peltoperlidae sp.	Roach-like Stoneflies
F: Perlidae	Perlidae sp.	Common Stoneflies
F: Perlodidae	Perlodidae sp.	Perlodid 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: Beraeidae	Beraeidae sp.	
F: Brachycentridae	Brachycentridae sp.	Humpless Casemaker Caddisflies
F: Helicopsychidae	Helicopsyche sp.	Snail-case Caddisflies
F: Hydropsychidae (Netspinning Caddisflies)	Arctopsychinae sp. Diplelectroninae 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.	
F: Philopotamidae	Philopotamidae sp.	Fingernet Caddisflies
F: Phryganeidae	Phryganeidae sp.	Giant Casemakers
F: Polycentropodidae	Polycentropodidae sp.	Tube-making Caddisflies
F: Psychomyiidae	Psychomyiidae sp.	Trumpet-net and Tube-making Caddisflies
F: Xiphocentronidae	Xiphocentronidae sp.	
P: Arthropoda (cont'd)		Arthropods
C: Insecta (cont'd)		Insects
O: Zygentoma	Zygentoma sp.	Silverfish
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: Bivalvia		Bivalves
O: Sphaeriida		
F: Sphaeriidae	Sphaeriidae sp.	
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) unless otherwise stated.

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/.

⁵, Scientific names and classifications based on those found on AntWiki (www.antwiki.org).

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