

Required Taxonomy

The following list, revised August 2006, features the major higher level taxa with which you should be familiar. You will likely encounter additional families while creating your collections. The hierarchy follows Borror and DeLong's Introduction to the Study of Insects (Triplehorn and Johnson 2005), which differs from the 6th edition of the same text. Realize that this hierarchy is hypothetical and is continuously being tested and revised.

- Phylum Arthropoda**
 - Subphylum Trilobita (trilobites)
 - Chelicerata
 - Class Merostomata (horseshoe crabs)
 - Class Arachnida
 - Order Scorpiones (scorpions)
 - Uropygi (whipscorpions)
 - Amblypygi (whipspiders)
 - Araneae (spiders)
 - Opiliones (harvestmen)
 - Acari (mites and ticks)
 - Pseudoscorpiones (pseudoscorpions)
 - Solifugae (windscorpions)
 - Subphylum Crustacea
 - Atelocerata (artificial group?)
 - Class Diplopoda
 - Chilopoda
 - Hexapoda
 - Subclass Entognatha
 - Order Protura
 - Collembola
 - Diplura
 - Subclass Insecta

INSECTA

APTERYGOTA	
Microcoryphia	
Thysanura	
PALEOPTERA	
Ephemeroptera	
Odonata	Suborder Anisoptera
	Aeshnidae
	Corduliidae
	Gomphidae
	Libellulidae
	Suborder Zygoptera
	Calopterygidae
	Coenagrionidae
	Lestidae
NEOPTERA	Hemimetabola
Orthoptera	Acrididae
	Tettigoniidae
	Gryllacrididae
	Gryllidae
	Gryllotalpidae
Phasmatodea	Heteronemiidae
Dermaptera	
Plecoptera	Perlidae
Embiidina	

Zoraptera	(Zorotypidae)
Isoptera	Rhinotermitidae
Mantodea	Mantidae
Blattodea	Blaberidae
	Blattellidae
	Blattidae
	Polyphagidae
Hemiptera	Suborder Heteroptera
	Belostomatidae
	Coreidae
	Corixidae
	Gerridae
	Largidae
	Lygaeidae
	Miridae
	Naucoridae
	Nepidae
	Notonectidae
	Pentatomidae
	Reduviidae
	Suborder Auchenorrhyncha
	Cercopidae
	Cicadidae
	Cicadellidae
	Fulgoridae
	Membracidae
	Suborder Sternorrhyncha
	Aphididae
	Superfam. Coccoidea
Thysanoptera	
Psocoptera	
Phthiraptera	Suborder Anoplura (sucking lice)
	chewing lice (formerly Mallophaga)
NEOPTERA	Holometabola
Coleoptera	Suborder Adephaga
	Carabidae
	Dytiscidae
	Gyrinidae
	Suborder Polyphaga
	Buprestidae
	Cerambycidae
	Chrysomelidae
	Coccinellidae
	Curculionidae
	Dermestidae
	Elateridae
	Hydrophilidae
	Lampyridae
	Meloidae
	Scarabaeidae
	Scolytidae
	Staphylinidae
	Tenebrionidae

Neuroptera	Suborder Megaloptera
	Corydalidae
	Suborder Raphidioptera
	Suborder Plannipennia
	Ascalaphidae
	Chrysopidae
	Hemerobiidae
	Myrmeleontidae
Hymenoptera	Supfamily Tenthredinoidea
	Suborder Apocrita
	Superfamily Ichneumonoidea
	Braconidae
	Ichneumonidae
	Superfamily Chalcidoidea
	Superfamily Apoidea
	Apidae
	Halictidae
	Megachilidae
	Sphecidae
	Superfamily Vespoidea
	Formicidae
	Mutillidae
	Pompilidae
	Vespidae
Trichoptera	Hydropsychidae
	Leptoceridae
Lepidoptera	Arctiidae
	Hesperiidae
	Noctuidae
	Saturniidae
	Sphingidae
	Superfamily Papilionoidea
	Lycaenidae
	Nymphalidae
	Papilionidae
	Pieridae
Siphonaptera	
Mecoptera	Panorpidae
Strepsiptera	
Diptera	Suborder Nematocera
	Chironomidae
	Culicidae
	Tipulidae
	Suborder Brachycera
	Asilidae
	Bombyliidae
	Calliphoridae
	Drosophilidae
	Muscidae
	Sarcophagidae
	Syrphidae
	Tabanidae
	Tachinidae