

ANIMAL KINGDOM

INVERTEBRATES (animals without backbones)

PHYLUM ANNELIDA

Earthworms (Segmented body)

PHYLUM MOLLUSCA

Snails (hard shell) Slugs (no shell)

Class Diplopoda

Millipedes (thick bodies, two pairs of legs per body segment, usually slow)

Class Chilopoda

Centipedes

(bodies seem flattened, one pair of legs per body segment, usually fast)

Class Crustacea

Example **Sowbug** (hard exoskeleton)

Class Arachnida (eight legs)

Order Araneae

Spiders (eight legs, two body parts, no antennae)

Order Opiliones

Daddy Longlegs or Harvestmen (eight legs, one body part)

PHYLUM ARTHROPODA (Jointed Legs)

Class Insecta (six legs, three body parts, two antennae, most have wings – usually four)

Order Odonata

Order Diptera

(two wings instead

of four – includes

mosquitoes)

Flies

Dragonflies (strong wings held like airplane)

Damselflies (delicate wings folded over back when landed)

Order Hymenoptera

Bees (thick waist)
Wasps (thin waist)
Ants (usually wingless)

oraci riyinchopicia

Order Orthoptera

Grasshoppers (long, straight wings)

Crickets (most are thicker and shorter than grasshoppers)

Order Mantodea

Praying Mantis (strong predatory forelegs, can turn head to look at you)

Order Coleoptera

Beetles (hard forewings cover abdomen)

Order Hemiptera

True bugs

(many have small patch of clear wing near tip of abdomen)

Hoppers (small hopping bugs – includes leafhoppers, froghoppers and treehoppers)

Order Lepidoptera

Butterflies (thin bodies, clubbed antennae, daytime fliers, caterpillars split skin to make chrysalis)

Moths (thick furry bodies, feathery antennae, most fly at night, most moth caterpillars spin silk cocoon)

Caterpillars are larvae of butterflies and moths