

Clubtail Dragonfly

Order Odonata Family Gomphidae Wing pads on back, short spatula-shaped mandible. Crawls slowly or swims by squirting water from the abdomen



Pond Guide

Seed Shrimp Class Ostracoda

Small fragile oval shells usually with speckled bluish/green markings. Moves by flicking a small fringe of hairs between



Minnow Mayfly

Beetle

Order Coleoptera Family Dytiscidae Smooth black or brown

Order Ephemeroptera Family Baetidae 3 hair-like tails, Tiny gills on abdomen. Swim in straight, fast bursts of speed

Predaceous Diving



Darner Dragonfly

Family Aeschnidae Wing pads on back long abdomen, long flat mandible. Crawls slowly or swims by squirting water from the abdomen



Creeping Waterbug

Order Hemiptera Family Naucoridae Round body, sharp piercing beak, front legs forward for grasping. Swims fast with other four legs like it is running in



fringed with long hairs for swimming. Flat oval body Water Scavenger

color often with yellow

with big flat segments

stripes or dots. Hind legs

Beetle Order Coleoptera Family Hydrophilidae Smooth black or brown. Hind legs thin with short hairs or spines. Swims fast, Rounded body, often with a long spine on underside



Copepod

Subphylum Crustacea Class Maxillopoda Tiny shrimp-like specks. Usually greenish blue or light-colored. Swim with quick, jerky, flicking motion

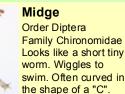


Flat-head Mayfly

Order Ephemeroptera Family Heptageniidae Flat head, flat body, 3 hairlike tails. Gills upright on back of abdomen. Swim in slow wave-like undulating motions



Excellent Water Quality (3 pts. each) Multiply the number checked x 3= ...



Family Chironomidae Looks like a short tiny worm. Wiggles to



Whirligig Beetle

Order Coleoptera Family Gyrinidae Black and shiny. Swims on surface in circular motion. Front legs for grabbing, back leas for swimming. Eyes split into two pairs (up and



Dragonfly Order Odonata

Family Libellulidae Wing pads on back, maskshaped mandible. Crawls slowly or swims by squirting water from the abdomen



Water Scorpion

Family Nepidae Long thin body, sharp beak, front legs for grasping. Two long tails that form a breathing



Crayfish

Subphylum Crustacea Order Decapoda Resemble small lobsters. Long antenna and five pairs of legs



Backswimmer

Order Hemiptera Family Notonectidae

Light colored body. Swims like upside-down row boat with long hind legs. Large eyes and sharp piercing beak



Spreadwing Damselfly Order Odonata

Family Lestidae Hammerhead eyes, long thin abdomen, 3 gills on tail. Crawls slowly or swims with a short wriggling burst



Water Boatman

Order Hemiptera Family Corixidae Dark colored body. Swims with long hind legs like a rowboat. Large eyes and sharp piercing beak



Narrow-winged

Damselfly Order Odonata Family Coenagrionidae Hammerhead eyes, 3 gills on tail. Crawls mostly but can swims slowly with wiggle motions



Crawling Water Beetle

Order Coleoptera Family Halipidae Small beetles, yellow and black spots. Oval abodomen with narrow head and shoulders



Water Strider

Order Hemiptera Family Gerridae Skate on the surface of water. Long thin body, short stubby front legs, but 4 long legs. Dark or black color



Scud

Subphylum Crustacea Order Amphipoda Resemble small shrimp with short antenna.

Swim fast on their sides in circles and arcs. Usually hunched over in the shape of a "C"



Water Mite

Class Arachnida SubClass Acari

Tiny, round bodies with eight short, thin legs. Glide smoothly through the water in arcs and circles. Green, blue or red

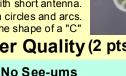


Good Water Quality (2 pts. each) Multiply the number checked x 2 =



Aquatic worm

Phylum Annelidae Class Oligochaeta Long body with ringed segments. Looks like a skinny, pink earthworm. Sometimes with thin filaments on tail end



Oder Diptera Family Ceratopogonidae Tiny, thin and hair-like. Often transparent and hard to see. Swim in fast, serpentine motion.



Horsefly

Order Diptera Family Tabanidae Long, fat, worm-like body. Pointed on

both ends. Segments of abdomen have rings and several pairs of short stumpy lobes. Crawls like a caterpillar.



Order Diptera Family Tipulidae Long, fat, worm-like body. Translucent skin. Fingerlike lobes on the end of abdomen. Crawls like a caterpillar.

Crane Fly



Rams-horn Snail

Class Gastropoda Family Planorbidae Disk-like spiral like a ram's horn. Dark brown, slowly glide over surfaces leaving sticky trail



Flatworm

Phylum Platyhelminthes Class Turbellaria Soft, flat, arrow-shaped body. Two eyespots on head, small feeding tube on belly. Glide slowly on surfaces leaving a sticky



Left-Handed Pouch Snail Class Gastropoda

Family Physidae Shell opening will be on leftside when spire pointed up. Dark brown with light speckles, glides over surfaces leaving sticky trail



Leech

Phylum Annelidae Subclass Hirudinea Flattened body, suction cups on both ends of body. Move like inchworms



Giant Water Bug

Order Hemiptera Family Belostomatidae Flat, oval body, sharp beak front legs for grasping, Wings overlap. Swims slowly with long legs. Often males carry eggs on their back.



Bloodworm Midge

Order Diptera Family Chironomidae Bright red and wiggles to swim. Looks like a short, tiny bright red worm



Water Flea

Subphylum Crustacea Class Cladocera Tiny oval-shaped and transparent. Long "arms" that flick rapidly for clumsy or jerky swimming motion



Total Points:



