

Stream Insects and Crustaceans ID Card

Lines under picture indicate the relative size of organisms



Aquatic Worm:
Class Oligochaeta
 $\frac{1}{4}$ " - 2", can be very tiny;
 thin, wormlike body, tolerant of
 impairment



Flat Worm:
Family Planaridae
 Up to $\frac{1}{4}$ ", soft body,
 may have distinct head with
 eyespots, tolerant of impairment



Leech:
Order Hirudinea
 $\frac{1}{4}$ " - 2", segmented body,
 suction cups on both ends,
 tolerant of impairment



Crayfish: Order Decapoda
 Up to 6", 2 large claws, 8 legs, resembles
 a small lobster, somewhat tolerant of
 impairment



Sowbug: Order Isopoda
 $\frac{1}{4}$ " - $\frac{3}{4}$ ", gray oblong body wider
 than it is high, more than 6
 legs, long antennae, somewhat
 tolerant of impairment



Scud: Order Amphipoda
 $\frac{1}{4}$ ", white to gray, body
 higher than it is wide,
 swims sideways, more than
 6 legs, resembles small
 shrimp, somewhat tolerant
 of impairment



Stonefly: Order Plecoptera
 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ ", 6 legs with hooked
 tips, antennae, 2 hair-like tails,
 no gills on abdomen, very
 intolerant of impairment



Mayfly:
Order Ephemeroptera
 $\frac{1}{4}$ " - 1", plate-like or feathery gills
 on abdomen, 6 hooked legs, 2 or 3
 long hair-like tails, tails may be
 webbed together, very intolerant
 of impairment



Dragonfly and Damselfly:
Order Odonata
 $\frac{1}{2}$ " - 2", large eyes, 6 hooked legs,
 large protracting lower jaw, 3
 broad oar-shaped tails OR wide
 oval to round abdomen, somewhat
 tolerant of impairment



Hellgrammite, Fishfly, and Alderfly:
Order Megaloptera
 $\frac{3}{4}$ " - 4", 6 legs, large pinching jaws, 8
 pairs of feelers along abdomen, 2 hooks
 on tail end OR 1 single spiky tail,
 somewhat tolerant of impairment



Common Netspinners:
Family Hydropsychidae
 Up to $\frac{3}{4}$ ", 6 hooked legs on
 upper 1/3 of body, 2 hooks at
 back end, underside of
 abdomen with white tufts of
 gills, somewhat tolerant of
 impairment



Most Caddisfly:
Order Trichoptera
 Up to 1", 6 hooked legs on
 upper 1/3 of body, may be in
 stick, rock or leaf case, no
 gill tufts on abdomen,
 intolerant of impairment