Stream Insects & Crustaceans

GROUP ONE TAXA
Pollution sensitive organisms found in good quality water.

1. Stonel FY: Order Plecoptera 1/2" - 1 1/2", 6 legs with hooked tips, long antennae, 2 hair-like tails. Three examples.

2. Caddisfly: Order Trichoptera Up to 1/2", 6 hooked legs on upper third of body, 2 hooks at back end. May be in a stick, rock or leaf case with its head sticking out. Four examples.

3. Water Penny: Order Coleoptera 1/4", flat saucer-shaped body with a raised bump on one side and 6 tiny legs on the other side. Immature beetle. Three examples.

4. Riffle Beetle: Order Coleoptera 1/4", oval body covered with tiny hairs, 6 legs, antennae.

5. Mayfly: Order Ephemeroptera 1/4" - 1", brown, moving, plate-like gills on sides of body, 6 large hooked legs, many long feelers on lower half of body, antennae, 2 or 3 long, hair-like tails. Two examples.


GROUP TWO TAXA
Somewhat pollution tolerant organisms can be in fair quality water.

8. Crayfish: Order Crustacea 1/2" - 6", 2 large claws, 8 legs, resembles small lobster.

9. Sowbug: Order Crustacea 1/4" - 3/4", gray oblong body wider than it is high, more than 6 legs, antennae.

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GROUP TWO TAXA continued

10 Scud: Order Crustacea 1/4", fat body higher than it is wide, swims sideways, more than 6 legs, resembles small shrimp.

11 Alderfly larva: Suborder Megaloptera 1" long. Looks like small hellgrammite but has 1 long, thin, branched tail at back end.

12 Fishfly larva: Suborder Megaloptera 1" - 1 1/2" long. Looks like small hellgrammite but lighter reddish-tan color, often with yellowish streaks. Does not contain any gill tufts.

13 Damselfly: Order Odonata 1/2" - 1", large eyes, 6 thin hooked legs, 3 broad oar-shaped tails. Two views

14 Watersnipe Fly Larva: Order Diptera (Atherix) 1/4" - 3/4", green, lapped body, many caterpillar-like legs, conical head, feathery "horn" at back end.

15 Crane Fly: Order Diptera 1/3" - 2", green or brown, plump caterpillar-like segmented body, finger-like lobes at back end.

16 Beetle Larva: Order Coleoptera 1/4" - 1", light-colored, 6 legs on upper half of body, feelers, antennae. Two examples

17 Dragonfly: Order Odonata 1/2" - 2", large eyes, 6 hooked legs. Two examples

18 Clam: Phylum Mollusca

GROUP THREE TAXA
Pollution tolerant organisms can be in poor quality water.

19 Aquatic Worm: Order Oligochaeta 1/4" - 1", can be very tiny, thin worm-like body.

20 Midge Fly Larva: Order Diptera Up to 1/4", worm-like segmented body, 2 legs on each side

21 Blackfly Larva: Order Diptera Up to 1/4", one end of body wider. Black head, suction pad on end.

22 Leech: Order Hirudinea 1/4" - 2", brown, slimy body, ends with suction pads.


24 Other snails