

Aquatic Macroinvertebrates!



LOOK LIKE WORMS

True flies! (order Diptera)

- Often headless or small-headed
- No “true” legs (“minilegs” may be present)



BUILD HOUSES

Caddisflies! (order Trichoptera)

- Generally build “houses” of stones, sticks, mud
- “Tail claws” often w/tail hairs



USUALLY 3 TAILS & ABDOMINAL GILLS

Mayflies! (order Ephemeroptera)

- Usually have three tails
- Abdominal gills
- Indistinct chewing mouthparts
- One claw per leg



ALWAYS HAVE 2 TAILS, GILLS ON LEGS

Stoneflies! (order Plecoptera)

- Legs end in two claws
- Usually two tails
- Mouthparts not “well-developed”
- Gills on legs



WIDE HEAD, LARGE

Dragonflies! (order Odonata)

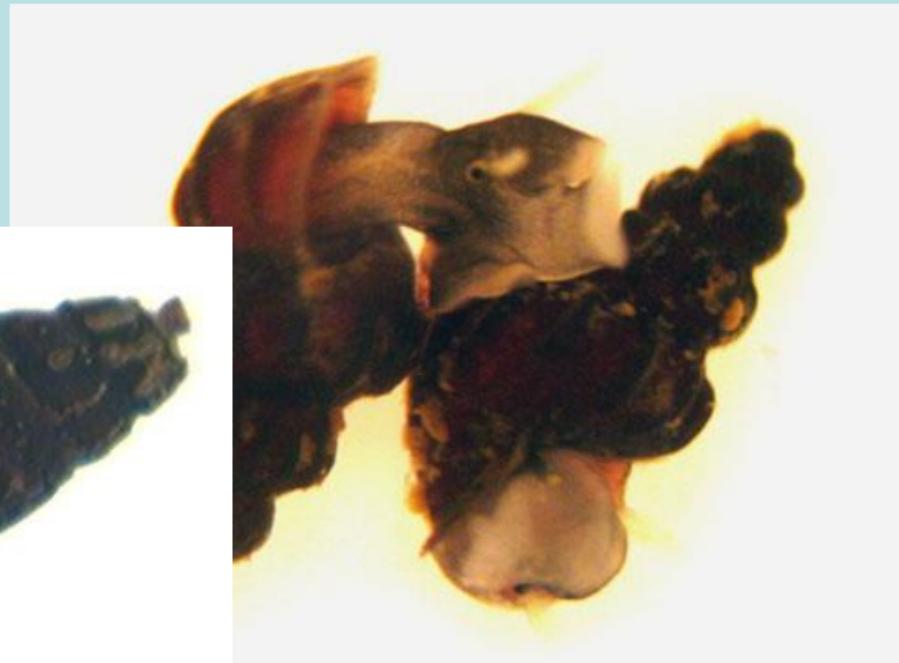
- Large, wide head
- Large body size; wing buds; very small tails



SPIRAL SHELLS

Snails! (Genus Juga)

- Spiral Shells ...



DATA TABLE:

Your names

Rock in shallow or deep water?

Leaf type: Oregon ash or White alder?

<u>Organism</u>	<u>Count</u>
True Flies	//
Caddis flies	//
Mayflies	
Stone flies	
Dragonflies	//
Snails	//
Other	
(add...)	

Big THOUGHTS:

- Use your list!
- Get good data!
- Keep things clean!
- Return organisms to the creek!