

## Freshwater macroinvertebrates

name	characteristics
beetle larva	<ol style="list-style-type: none"><li>1. three pairs of jointed legs</li><li>2. some have external gills without joints at the end of the body</li><li>3. biting jaws</li><li>4. small antennae</li><li>5. simple eyes</li></ol>
beetle adult insect	<ol style="list-style-type: none"><li>1. three pairs of jointed legs</li><li>2. no external gills</li><li>3. biting jaws</li><li>4. small antennae</li><li>5. abdomen covered by a pair of wings without veins</li><li>6. compound eyes</li></ol>
alderfly larva	<ol style="list-style-type: none"><li>1. three pairs of jointed legs</li><li>7. two claws per leg</li><li>2. behind the legs seven pairs of external jointed gills</li><li>3. single jointed tail</li><li>4. biting jaws</li><li>5. small antennae</li><li>6. simple eyes</li></ol>
caddisfly larva	<ol style="list-style-type: none"><li>1. three pairs of jointed legs</li><li>2. small antennae</li><li>3. some species carry a case of stones or plant material</li><li>4. two short tails at the end of the body</li><li>5. one claw per tail</li><li>6. simple eyes</li></ol>
true fly larva	<ol style="list-style-type: none"><li>1. No jointed legs</li><li>2. body whitish, head brownish</li><li>3. no antennae</li><li>4. no eyes</li></ol>

name	characteristics
flatworm	<ol style="list-style-type: none"> <li>1. No legs</li> <li>2. soft unsegmented body</li> <li>3. front end with two or more dot like eyes</li> <li>4. movement gliding</li> </ol>
oligochaet	<ol style="list-style-type: none"> <li>1. No legs</li> <li>2. soft segmented body</li> <li>3. no suckers</li> <li>4. front end not different from rear end</li> <li>5. movement wriggling</li> </ol>
leech	<ol style="list-style-type: none"> <li>1. no legs</li> <li>2. soft segmented body</li> <li>3. sucker at the front and rear end</li> <li>4. front end with two or more dot like eyes</li> <li>5. movement snaking or looping using the suckers</li> </ol>
crustacean	<ol style="list-style-type: none"> <li>1. Five or more pairs of jointed legs</li> <li>2. legs have often appendages</li> <li>3. two pairs of antennae</li> <li>4. compound eyes</li> </ol>
mayfly larva	<ol style="list-style-type: none"> <li>1. Three pairs of jointed legs</li> <li>2. one claw per leg</li> <li>3. external gills on the abdomen</li> <li>4. long antennae</li> <li>5. wing buds on the thorax</li> <li>6. three jointed tails</li> <li>7. compound eyes</li> </ol>
stonefly larva	<ol style="list-style-type: none"> <li>1. Three pairs of jointed legs</li> <li>2. two claws per leg</li> <li>3. wing buds on the thorax</li> <li>4. two jointed tails</li> <li>5. long antennae</li> <li>6. compound eyes</li> </ol>