

Can you find all of the Macroinvertebrates (water bugs)?

1. Bacteria
2. Shredders
3. Scrapers
4. Collectors
5. Predators

As the rain falls on the mountains it fills streams with water and leaf litter

Bacteria (1) coat leaves and leaf litter. The shredders (2) and scrapers (3) break it down into Coarse Particulate Organic Matter (CPOM) and Fine Particulate Organic Matter (FPOM)

Collectors (4) and filter feeders eat the CPOM and FPOM

The predators (5) lurk waiting to eat the other macroinvertebrates (water bugs)

All these water bugs help form the complex food chain that feeds the fish, birds, frogs and mammals that live in a healthy river

CPOM

FPOM

Macroinvertebrates:

- 1. Bacteria
- 2. Crane Fly (larvae)
- 3. Freshwater Snail (adult)
- 4. Black Fly (larvae)
- 4. Marsh Beetle (larvae)
- 5. Water Treader (larvae)
- 5. Dragonfly (larvae)
- 5. Water Scorpion (larvae)
- 2. Caddis Fly (larvae)
- 2. Caddis Fly (larvae)
- 3. Riffle Beetle (larvae)
- 3. Water Penny (larvae)
- 5. Damselfly (larvae)
- 4. Mosquito (larvae)
- 5. Whirligig Beetle (larvae)
- 3. Shrimp (adult)

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