

Water Ways

Supply List for Biological Monitoring with Benthic Macroinvertebrates

Two student teams could be in the water at the same time. Each team will need:

- 1 d-net
- 1 pair of rubber gloves (if desired, for rubbing logs and the stream bottom)
- 1 or 2 buckets (to collect the contents of the d-net)
- Extra container for rinsing bugs off net (can be small, like a large plastic coffee container)
- Spray bottle with 10% bleach solution to clean nets when done (water + bleach)

For observation and identification, the class will need:

- Macroinvertebrate survey form, 1 pencil and 1 clipboard
- If doing the observation outside near the stream, it is helpful to have something to sit on, like an old sheet or picnic blanket.
- Plastic spoons, tweezers, and eye droppers for picking up specimens
- Ice cube trays (at least 3-4 trays) or other containers in which to place separate specimens. Have enough for students to work in teams.
- Macroinvertebrate ID guides (such as *laminated* Isaak Walton League guides)

Have students wear appropriate close-toed water shoes or boots. Check for ticks when everyone returns to the classroom.