

How to make a Macro-Pack

(Commercial version available through Project WET @ \$375 ea)

Basic Elements:

- Canvas bag or large daypack - to carry everything
 - Look at garage/rummage sale for best deals
- 3 - Collection trays – for washing D-net into
 - Plastering “mud” tray or other long shallow plastic tray
- 6 - Sorting trays
 - WHITE (v. important) ice cube trays
- n – Sampling nets
 - 4” Fish bowl dip nets (6) work fine if stream is easily wade-able
 - Dnets (1-2) for bigger streams; ~\$50-80; Forestry #53755
- 6 – Key to macroinvertebrate life in the river/pond (laminated)
 - UWisc. Extension, watermonitoring.uwex.edu
- 3 – hand lens/magnifying glass; plastic spoon; tweezers; plastic eye dropper
 - Cost ~\$1 each
- 6 – assorted large and medium basteing bulbs
 - For sample transfer
- 2 – 6x Two-way magnifying viewer
 - Acorn Naturalists @ \$11 ea (#T-15280)
- 12 – small sample containers
 - Clear plastic, ~\$3/doz or old film canisters
- 2 – Guide to common freshwater invertebrates of North America
 - Acorn Naturalists @ \$35 ea (#INV-10205)

How to make a leaf pack:

- Nylon mesh grape/tomato bags
- Handful of local leaves
- Weight with stone or pin with stake
- Waterproof label/tag??
- Wait 1-2 weeks

Acorn Naturalists; www.acornnaturalists.com; 800-422-8886

Forestry Suppliers; www.forestry-suppliers.com; 800-647-5368

Note: many of these items can be found at dollar stores, etc.