

Cube Specimen Collecting and Handling Supplies

- Cube
- 5 gal buckets
- 2.5 gal buckets
- Appropriate field clothing (rubber boots, hats, etc.) — don't forget sunscreen!
- @ least 100 2-oz plastic dixie cups (or any plastic cups — will need lids for terrestrial)
- Lidded, plastic food storage containers of various sizes
- @ least 4 white sorting trays (small/Frisbee) — “organism observation apparatus”
- Spoons (metal or plastic)
- Soft tweezers
- Squirt bottles (for aquatic cube)
- Hand Lens for observing detail (drug store)
- Small shovel and/or trowels
- @ least 2 colanders (5mm and 1mm holes)
- @ least 3 big trays (aluminum disposable baking trays)
 - White trays are better for sorting if you can find them
- Paper / notebooks for writing observations
- Pencils
- Sharpie
- Insect net(s)
 - If you do not have access or a budget for insect nets, you can always make like E.O. Wilson when he was a child and make one out of a broomstick, a hanger and some cheesecloth
- Aspirator (pooter) — explained in video
- Field Guide (if available) for species identification
- Macro-capable camera or cell phone (most point and shoots and cell phones are inherently capable of focusing up close)
- Tables and benches / chairs for sorting
- If you are sampling from a freshwater environment, gather some extra water to keep your critters happy, and try to keep the water temperature relative to the water temperature at the collection site
 - For freshwater photography, you may want water that is has better optical clarity. For this you can use dechlorinated tap water or bottled water. If you do use tap water, make sure you treat it with dechlorinate, because the small amount of chlorine in tap water can be harmful to the animals.
- If you are sampling from a marine environment, gather extra seawater to keep your critters happy.
 - For photography, try to find optically clear seawater.

[One Cubic Foot Tutorials Current Versions](#)