

# CT DEEP RBV Program: Macroinvertebrate Sorting Guide

CHOOSE THE BEST STARTING POINT (OPTION A OR B) TO BEGIN, THEN FOLLOW THE ARROWS TO REACH A LIST OF 'FINAL CANDIDATES' FOR WHO YOUR CRITTER MAY BE. CONSULT THE CORRESPONDING PANEL NUMBERS IN THE FIELD IDENTIFICATION CARDS TO MAKE A FINAL DETERMINATION.

NOTE: Additional miscellaneous macroinvertebrates are listed as "Others" at the bottom of the datasheet. If you don't see your critter on this chart, review the 'Other' Field ID cards to see if any match.





**Start Option A: The Organism is WIDE or FLAT with MEDIUM to LARGE LEGS**

**START Option B: The Organism is ROUND or CYLINDRICAL with SMALL or NO LEGS**

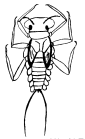



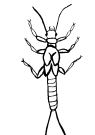
Describe the organism's TAILS:

Describe the organism's LEGS:

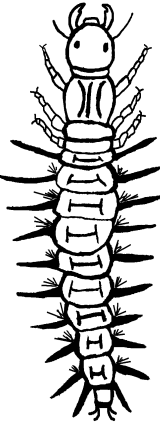




**3 Long Thin Tails**

-  **Panel 1:** Drunella (Mayfly)
-  **Panel 2:** Isonychia (Mayfly)
-  **Panel 11:** Stenonema (Mayfly)
-  **Panel 14B:** Zygoptera (Damselfly)





**2 Long Thin Tails**

-  **Panel 3:** Epeorus (Mayfly)
-  **Panel 4:** Peltoperlidae (Stonefly)
-  **Panel 5A:** Perlidae (Stonefly)
-  **Panel 5B:** Pteronaryes (Stonefly)
-  **Panel 5C:** Misc. Stoneflies (Plecoptera)




**NO Long Thin Tails**

-  **Panel 13A:** Corydalus (Dobsonfly)
-  **Panel 13B:** Nigronia (Fishfly)
-  **Panel 14A:** Anisoptera (Dragonfly)
-  **Panel 15:** Amphipoda (Scud)
-  **Panel 16:** Isopoda (Aquatic Sow Bug)


**Builds a Shelter/Case**

-  **Panel 6A:** Glossosoma (Caddisfly)
-  **Panel 6B:** Apatania (Caddisfly)
-  **Panel 8A:** Brachycentrus (Caddisfly)
-  **Panel 8B:** Lepidostoma (Caddisfly)

**No Shelter/Case**

-  **Panel 7:** Rhyacophila (Caddisfly)
-  **Panel 9:** Hydropsychidae (Caddisfly)
-  **Panel 10:** Philopotamidae (Caddisfly)






**Hidden Legs**

-  **Panel 12:** Psephenus (Water Penny Beetle)

**With Legs**

Does the organism have a SHELTER/CASE?

**Without Legs**

-  **Panel 17:** Hirudinea (Leech)
-  **Panel 18:** Chironimidae (Midge)
-  **Panel 19:** (Simuliidae) Black Fly
-  **Panel 20:** Gastropoda (Snail)
-  **Panel 21:** Oligochaeta (Aquatic Worm)