



## High Quality Test Organisms

The laboratory staff has extensive experience with the culture, maintenance, and testing of a large number of vertebrate, invertebrate, and plant species. In evaluating freshwater, marine, estuarine, and terrestrial situations, the following species have been routinely tested (other test species can be used upon request):

### Freshwater Fish

*Pimephales promelas* – fathead minnow  
*Oncorhynchus mykiss* – rainbow trout  
*Lepomis macrochirus* – bluegill  
*Notemigonus crysoleucas* – golden shiner  
*Ictalurus punctatus* – channel catfish

*Poecilia reticulata* – guppy  
*Salmo trutta* – brown trout  
*Salvelinus fontinalis* – brook trout  
*Stizostedion vitreum* – walleye  
*Cyprinella leedsii* – bannerfin shiner



### Freshwater Invertebrates

*Daphnia magna* – waterflea  
*Daphnia pulex* – waterflea  
*Ceriodaphnia dubia* – waterflea  
*Chironomus dilutus (tentans)* – midge  
*Gammarus pseudolimnaeus* – amphipod

*Hyalella azteca* – amphipod  
*Gammarus lacustris* – amphipod  
*Corbicula fluminea* – Asiatic clam  
*Orconectes* spp. – crayfish  
*Lumbriculus variegatus* – oligochaete worm

### Freshwater Plants

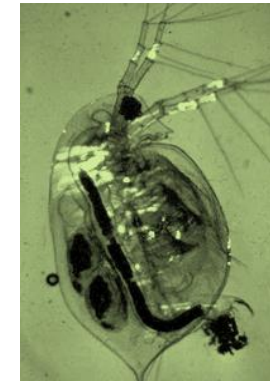
*Pseudokirchneriella subcapitata* (formerly *Selenastrum capricornutum*) – algae  
*Lemna minor* – duckweed

### Freshwater Amphibians

*Rana* sp. – frog

### Estuarine/Marine Fish

*Cyprinodon variegatus* – sheepshead minnow  
*Fundulus heteroclitus* – mummichog  
*Menidia menidia* – Atlantic silverside  
*Menidia beryllina* – inland silverside  
*Morone saxatilis* – striped bass  
*Leiostomus xanthurus* – spot



### Estuarine/Marine Invertebrates

*Americamysis bahia* – opossum shrimp  
*Palaemonetes pugio* – grass shrimp  
*Mercenaria mercenaria* – hard clam  
*Mytilus edulis* – blue mussel  
*Mytilus galloprovincialis* – blue mussel  
*Crassostrea virginica* – American oyster  
*Strongylocentrotus purpuratus* – purple sea urchin  
*Neanthes arenaceodentata* – polychaete worm  
*Arbacia punctulata* – purple sea urchin

### Estuarine/Marine Plants

*Skeletonema costatum* – algae  
*Thalassiosira pseudonana* – algae  
*Spartina alterniflora* – Saltmeadow cord grass

### Terrestrial Species

*Lactuca sativa* – lettuce  
*Lolium perenne* – rye grass  
*Eisenia foetida* – redworm  
*Echinochloa crusgalli* – Japanese millet  
*Cyperus esculentus* – Yellow nutsedge



*Macoma nasuta* – blunt nose clam  
*Acartia tonsa* – copepod  
*Nereis virens* – polychaete worm  
*Ampelisca abdita* – amphipod  
*Leptocheirus plumulosus* – amphipod  
*Eohaustorius estuarius* – amphipod  
*Rangia cuneata* – brackish water clam

