

Aquatic and Terrestrial Test Organisms

FRESHWATER

VERTEBRATES

fathead minnow
bluegill sunfish
rainbow trout
common carp
channel catfish
zebra danio
goldfish
common guppy
Japanese medaka
three spined stickleback
African clawed frog
Southern leopard frog
Green frog

Pimephales promelas
Lepomis macrochirus
Oncorhynchus mykiss
Cyprinus carpio
Ictalurus punctatus
Brachydanio rerio
Carassius auratus
Poecillia reticulata
Oryzias latipes
Gasterosteus aculeatus
Xenopus laevis
Rana utricularia
Rana clamitans

INVERTEBRATES

daphnia, waterfleas
daphnia, waterfleas
daphnia, waterfleas
Ceriodaphnia, waterfleas
rotifers
red swamp crayfish
midge
midge
amphipods, scud
amphipods, scud
black worm
earthworm
earthworm
Asiatic clam
Cyclopoid copepod

Daphnia magna
Daphnia pulex
Daphnia pulicaria
Ceriodaphnia dubia
Brachionus calyciflorus
Procambarus clarkii
Chironomus tentans (dilutus)
Chironomus riparius
Hyalella azteca
Gammarus pseudolimnaeus
Lumbriculus variegatus
Eisenia fetida
Lumbricus terrestris
Corbicula fluminea
Macrocyclus albidus

UNICELLULAR ALGAE

green algae
green algae
green algae

Selenastrum capricornutum
Ankistrodesmus falcatus
Scenedesmus subspicatus

green algae
green algae
green algae
green algae
diatom
diatom
diatom
blue-green algae
blue-green algae
blue-green algae

Chlorella pyrindosa
C. vulgaris
Nanochloropsis
Clamydomonas sp.
Nitzchia palea
N. frustulum
Navicula pelliculosa
Microcystis aeruginosa
Anabena flos-aquae
Phoridium sp.

AQUATIC MACROPHYTES

duckweed
duckweed
Canadian millfoil
millfoil
coontail
water celery

Lemna gibba
Lemna minor
Myriophyllum sibiricum
M. heterophyllum
Ceratophyllum sp.
Vallisneria sp.

SALTWATER

FISH

mummichog
sheepshead minnow
inland silverside

Fundulus heteroclitus
Cyprinidon variegatus
Menidia beryllina

INVERTEBRATES

mysid shrimp
white shrimp
brine shrimp
rotifer
amphipod
Atlantic oyster

Americamysis bahia
Penaeus vannamei
Artemia sp.
Brachionus plicatilis
Leptocheirus plumulosus
Crassostrea virginica

UNICELLULAR ALGAE

green algae
Diatom

Nanochloropsis sp.
Skeletonema costatum

TERRESTRIAL ORGANISMS

WORMS

Earthworm

Eisenia fetida

INSECTS

Honeybee

Apis mellifera

PLANTS

Corn

Zea mays

Oat

Avena sativa

Onion

Allium cepa

Perennial Ryegrass

Lolium perenne

Wheat

Triticum aestivum

Cabbage

Brassica oleracea

Carrot

Daucus carota sativus

Cucumber

Cucumis sativus

Lettuce

Lactuca sativa

Pea

Pisum sativum

Oilseed Rape

Brassica napus

Radish

Raphanus sativus

Soybean

Glycine max

Sugar beet

Beta vulgaris

Sunflower

Helianthus annuus

Tomato

Lycopersicon esculentum

Turnip

Brassica rapa