

## WFSC 302 Lab – Protochordates

Kingdom Animalia

Phylum Hemichordata

Class Enteropneusta

*Balanoglossus* sp.

Acorn Worms

Phylum Chordata

Subphylum Urochordata

Class Ascidiacea

*Ciona* sp.

*Molgula* sp.

Benthic Tunicates, Sea Squirts

Subphylum Cephalochordata

*Branchiostoma* sp.

Amphioxus

Craniata

Subphylum Hyperotreti

*Myxine glutinosa*

Atlantic Hagfish

Subphylum Vertebrata

Everything else for this class!

**WFSC 302 Lab -Fishes**

**Kingdom Animalia**

**Phylum Chordata**

**Craniata**

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Subphylum Hyperotreti	
Order Myxiniiformes	
Family Myxiniidae	
<i>Myxine glutinosa</i>	Atlantic Hagfish
Subphylum Vertebrata	
Class Cephalaspidomorpha	
Order Petromyzontiformes	
Family Petromyzontidae	
<i>Petromyzon marinus</i>	Atlantic Lamprey
Superclass Gnathostomata	
Class Chondrichthyes	
Subclass Holocephali	
Order Chimaeriformes	
Family Chimaeridae	
<i>Hydrolagus colliiei</i>	Spotted Ratfish
Subclass Elasmobranchii	
Order Pristiformes	
Family Pristidae	
<i>Pristis pectinata</i>	Common Sawfish
Order Carcharhiniiformes	
Family Sphyrnidae	
<i>Sphyrna tiburo</i>	Bonnethead Shark
Order Orectolobiformes	
Family Ginglymostomatidae	
<i>Ginglymostoma cirratum</i>	Nurse Shark
Order Torpediniformes	
Family Narcinidae	
<i>Narcine brasiliensis</i>	Lesser Electric Ray
Order Myliobatiformes	
Family Dasyatidae	
<i>Dasyatis sayi</i>	Bluntnose Stingray
Order Rajiformes	
Family Rajidae	
<i>Raja texana</i>	Roundel Skate
Class Osteichthyes	
Subclass Sarcopterygii	
Order Lepidosireniformes	
Family Protopteridae	
<i>Protopterus aethiopicus</i>	African Lungfish
Subclass Actinopterygii	
Order Polypteriformes	
Family Polypteridae	
<i>Polypterus sp.</i>	Bichir
Order Acipenseriformes	
Family Acipenseridae	
<i>Scaphirhynchus platorhynchus</i>	Sturgeon
Family Polyodontidae	
<i>Polyodon spathula</i>	American Paddlefish
Order Semionotiformes	
Family Lepisosteidae	
<i>Lepisosteus spatula</i>	Alligator Gar
Order Amiiformes	
Family Amiidae	
<i>Amia calva</i>	Bowfin
Order Anguilliformes	
Family Anguillidae	
<i>Anguilla americana</i>	American Eel
Order Clupeiformes	
Family Clupeidae	
<i>Dorosoma cepedianum</i>	Gizzard Shad
Family Engraulidae	
<i>Anchoa hepsetus</i>	Striped Anchovy
Order Cypriniformes	
Family Cyprinidae	
<i>Cyprinus carpio</i>	Carp
<i>Notropis lutrensis</i>	Red Shiner
Family Catostomidae	
<i>Carpoides carpio</i>	River Carpsucker

Order Siluriformes	
Family Ictaluridae	
<i>Ictalurus punctatus</i>	Channel Catfish
<i>Ictalurus melas</i>	Black Bullhead
<i>Noturus gyrinus</i>	Madtom
Family Ariidae	
<i>Arius felis</i>	Hardhead
Order Salmoniformes	
Family Salmonidae	
<i>Onchorhynchus mykiss</i>	Rainbow Trout
Order Gadiformes	
Family Gadidae	
<i>Urophycis floridanus</i>	Southern Hake
Order Lophiiformes	
Family Antennariidae	
<i>Histrio histrio</i>	Sargassum Fish
Order Beloniformes	
Family Exocoetidae	
<i>Cypselurus cyanopterus</i>	Margined Flyingfish
Family Hemiramphidae	
<i>Hyporhamphus unifasciatus</i>	Halfbeak
Order Cyprinodontiformes	
Family Cyprinodontidae	
<i>Fundulus olivaceus</i>	Blackspotted Topminnow
<i>Cyprinodon variegatus</i>	Sheepshead Minnow
Family Poeciliidae	
<i>Gambusia affinis</i>	Mosquitofish
Order Gasterosteiformes	
Family Gasterosteidae	
<i>Gasterosteus aculeatus</i>	Three-spine Stickleback
Order Syngnathiiformes	
Family Syngnathidae	
<i>Syngnathus pelagicus</i>	Sargassum Pipefish
<i>Hippocampus erectus</i>	Lined Seahorse
Order Scorpaeniformes	
Family Triglidae	
<i>Prionotus scitulus</i>	Leopard Sea Robin
Order Perciformes	
Family Percichthyidae	
<i>Morone saxatilis</i>	Striped Bass
Family Serranidae	
<i>Centropomus philadelphica</i>	Rock Sea Bass
Family Centrarchidae	
<i>Micropterus salmoides</i>	Largemouth Bass
<i>Lepomis cyanellus</i>	Green Sunfish
<i>Pomoxis annularis</i>	White Crappie
Family Percidae	
<i>Etheostoma gracile</i>	Slough Darter
Family Echeineidae	
<i>Echeineis naucratesi</i>	Sharksucker, Remora
Family Carangidae	
<i>Chloroscombrus chrysurus</i>	Atlantic Bumper
Family Lutjanidae	
<i>Lutjanus griseus</i>	Gray Snapper
Family Sparidae	
<i>Archosargus probatocephalus</i>	Sheepshead
Family Sciaenidae	
<i>Sciaenops ocellata</i>	Redfish, Red Drum
Family Cichlidae	
<i>Tilapia mossambica</i>	Mozambique Tilapia
Family Mugilidae	
<i>Mugil cephalus</i>	Striped Mullet
Family Uranoscopidae	
<i>Astroscopus y-graecum</i>	Southern Stargazer
Family Scombridae	
<i>Scomberomorus maculatus</i>	Spanish Mackerel
Order Pleuronectiformes	
Family Bothidae	
<i>Paralichthys lethostigma</i>	Southern Flounder
Family Cynoglossidae	
<i>Symphurus plagiusa</i>	Blackcheek Tonguefish