Biology II Taxonomy Review Sheet

**Porifera (sponges)**

**Cniderians (Jellyfish)**

* **Class- Hydrozoa** -Hydra
* **Class- Scyphozoa** –Jelly Fish
* **Class- Anthozoa –**Coral & Sea Anemones

**Platyhelminthes (Flatworms)**

* **Class- Turbellaria** -Planarians
* **Class- Trematoda** - Flukes
* **Class- Cestoda** -Tapeworms

**Mollusca (mollusks)**

* **Class Polyplacophora** -chitons
* **Class Gastropoda**- snails & slugs
* **Class Bivalvia** – clams, mussels, oysters
* **Class Cephalopoda** – octopus & squid

**Annelida** **(segmented worm)**

**Nematoda (round worm)**

**Arthropoda**

* **Subphylum –Trilobita**
* **Subphylum Chelicerata-** Horseshoe crab, spiders, ticks, mites
* **Class Arachnida**- spiders
* **Subphylum Myriapoda-** millipedes and centipedes
* **Subphylum Crustacea**- lobster, shrimp, crabs
* **Subphylum Hexapoda**- Insects
* **Class Insecta**- Insects
* **Order Hymenoptera –**Bees, ants, and wasp
* **Order Lepidoptera**- Butterfly and moth
* **Order Diptera**- flies
* **Order Coleoptera**- beetles

**Echinoderm (starfish)**

* **Class Ophiuroidea** – brittle star
* **Class Asteroidea**- starfish
* **Class Echinodea**- sea urchins

**Chordates (vertebrates)**

* **Subphylum Urochordata**- Tunicates
* **Subphylum Cephalochordata**- Lancets
* **Subphylum Vertebrata**- Agnathans, Fish, Tetrapods
* **Superclass Agnatha –** without jaws
* **Class Myxini**- hagfish
* **Class Cephalaspidomorphi** – lampreys
* **Superclass Gnathostomata**- with jaws
* **Class Chondrichthyes**- sharks & rays
* **Class Actinopterygii**- ray-finned fish
* **Class Sarcopterygii**- lobe-finned fish
* **Class Osteichtheyes-** bony fish
* **Class Amphibia**- frogs, salamanders
* **Class Reptilia**- snakes, lizards, crocodiles
* **Class Aves**- birds
* **Class Mammalia-** mammals