

ZOOL 10 - REVIEW OF ANIMAL TAXONOMY

cwh Sp95

Subkingdom or Branch	Section or Grade	Superphylum	Division or Tribe	PHYLUM	CLASS
Parazoa				Porifera	1. Calcarea = Calcispongiae - calcareous sponges 2. Hexactinellida = Hyalospongiae - glass sponges 3. Demospongiae - bath sponges
				Placozoa	
Mesozoa				Mesozoa	
Eumetazoa	Radiata			Cnidaria	1. Hydrozoa - hydrozoans 2. Scyphozoa - true jellyfishes 3. Anthozoa - sea anemones & corals
				Ctenophora	comb jellies
	Bilateria	Acoelomata		Platyhelminthes	1. Turbellaria - planarians 2. Trematoda - flukes 3. Cestoda - tapeworms
				2 other phyla	
		Pseudo-coelomata		Nematoda	roundworms
				8 other phyla	
		Coelomata	Proto-stomia	Mollusca	1. Polyplacophora - chitons 2. Scaphopoda - tusk shells 3. Gastropoda - snails & nudibranchs 4. Bivalvia = Pelecypoda - bivalves 5. Cephalopoda - octopuses, squids, nautiluses 3 other classes
				Annelida	1. Polychaeta - polychaetes 2. Oligochaeta - earthworms 3. Hirudinea - leeches
				Arthropoda	Subphy. Chelicerata 1. Merostomata - horseshoe crabs 2. Pycnogonida - sea spiders 3. Arachnida - spiders, scorpions, ticks Subphy. Crustacea (Mandibulata in part) 4. Crustacea - crabs, shrimps, barnacles Subphy. Uniramia (Mandibulata in part) 5. Chilopoda - centipedes 6. Diplopoda - millipedes 7. Insecta - insects
			6 other phyla		
			5 other phyla		
			Deutero-stomia	Echinodermata	1. Crinoidea - sea lilies & feather stars 2. Asteroidea (Stelleroidea in part) - sea stars 3. Ophiuroidea (Stelleroidea in part) - brittle stars 4. Echinoidea - sea urchins & sand dollars 5. Holothuroidea - sea cucumbers
				Chordata	Subphy. Urochordata - tunicates Subphy. Cephalochordata - lampreys Subphy. Vertebrata = Craniata 1. Myxini (Agnatha in part) - hagfishes 2. Cephalaspidomorphi (Agnatha in part) - lampreys 3. Chondrichthyes - cartilaginous fishes 4. Osteichthyes - bony fishes 5. Amphibia - frogs & salamanders 6. Reptilia - turtles, lizards, snakes, crocodilians 7. Aves - birds 8. Mammalia - monotremes, marsupials, placentals