

### ANIMALIA OR METAZOA CLASSIFICATION

Kingdom	Symmetry	level of organisation	Body Cavity	Phylum
Metazoa	ASYMMETRY	Cellular level	-	Porifera
	Radial	Tissue level	-	Cnidaria, Ctenophora ctenophora
	Bilateral	Organ level	Absent	platyhelminthes -
	Bilateral	Organsystem	Pseudocoelom	nematoda - -
		Organ system level	true coelom	Annelida, Arthropoda,Mollusca Hemichordata,Chordata

### EXAMPLES OF THE ANIMAL KINGDOM

PORIFERA	COLEENTERATA	CTENOPHORA	PLATYHELM-INTHES	ASCHEL-EMINTHES	ANNELIDA	ARTHROPODA	MOLLUSCA
EG:-sycon (scypha), spongilla- (fresh water sponge)	physalia(portuguese man of war),adamsia(sea-anemone),pennatula- (sea-pen), gorgonia(- sea-fan), meandrina(brain-coral)	pleurobrachia, ctenoplana	taenia(tape worm), fasciola(liver fluke)	ascaria(round worm), wuchereria(filaria worm), ancylostoma(hook worm)	nereis(sand worm),pheretima(earth worm),hirudinaria(blood sucking leech)	IMPORTANT INSECTS_apis- (honey bee),bombyx9silk worm),laccifer(lac insect) VECTOR- S-anopheles,culex,and aedes, gregarious pest_ locusta( locust),living fossil - limulus( king crab)	pila(apple snail),pinctada(pearl oyster),sepiacuttle fish),- loligo(squid),octopus(devil fish),aplysia(s- ea-hare),dentalium(tusk shell),and chaetopleura- (chiton)



### EXAMPLES OF THE ANIMAL KINGDOM (cont)

ECHINO- DERMATA	HEMICH ORDATA	CHORDATA	UROCHO- RDATA_ascidi- a,salpa,d- oliolum CEPHAL- OCHORDATA- _branchiosto- ma(amphioxus or lancelet)	VERTEBRATA divided into 2 divisions agnatha and gnatho- stomata agnatha divided into cyclostomata class and gnathostomata into 2 super class of pisces and tetrapoda(bear limbs)	PISCES_ChondrichthyesAND osteichthyes
eg-asterias(- star-fish),e- chinus(sea urchin),ante- don(sea lily),cuc- umaria ( sea cucumb- er),ophiura(- brittle star)	balano- glossu- s,sacc- oglossus	divided into three subphyla _urochord- ata,ceph- alochordata, vertebrata		CYCLOS- TOMATA eg_Petromyzon(l- amprey),myxine- (hagfish)	★chondrichthyes eg_scolio- don(dog fish), pristis(saw fish),carchardon(great white shark),trygon(sting ray). ★ Osteichthyes- marine-exoce- tus(flying fish),hippocampus(- sea-horse),freshwater-labeo- (rohu),catla(katla),clarias(ma- gur),Aquarium_betta( fighting fish),pterophyllum(angel-fi- sh)**

Tetrapoda- AMPHIBIANS REPTILES AVES MAMMALS



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### EXAMPLES OF THE ANIMAL KINGDOM (cont)

Eg:- ★Bufo(toad), Rana(frog), Hyla(tree frog), Salamandra(salamander), Ichthyophis(limbless amphibian)

Eg ★ chelone(turtle), testudo(tortoise), chameleon(tree lizard), calotes(garden lizard), crocodilus(crocodile), Alligator, Hemidactylus( wall lizard), poisonous snake - Naja (cobra), bangarus(Krait), Vipera(viper)

Eg:- ★Corvus (crow), Columba(-pigeon), Psittacula(parrot), struthio(ostrich), Pavo(peacock), Aptenodytes(penguin), Neophron(Vulture).

Eg:- ★OVIPAROUS-Ornithorhynchus(platypus),- VIVIPAROUS Macropus(Kangaroo), Pteropus(-Flying fox), Camelus(camel), Macaca(monkey), Rattus(rat), Canis(dog), Felis(cat), Elephas(Elephant),- Equus(horse), Delphinus(Common dolphin), Balaenoptera( blue whale), Panthera tigris(Tiger), Panthera leo(Lion)

★ (All this are examples and another names of all species in animal kingdom)

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