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	COLENTERATA	CTENOPHORA	PLATYHELM-INTHES	ASCHEL-EMINTHES	ANNELIDA	ARTHROPODA	MOLLUSCA
EG:-sycon (scypha), spongilla-(fresh water sponge)	physalia(portuguese man of war),adamsi-a(sea-ane-mone),pennatula-(sea-pen),gorgonia(-sea-fan), meandr-ina(brain-coral)	pleurobrachia, ctenoplana	taenia(ta-peworm),fascio-la(liver fluke)	ascari-a(round worm), wuchereria(f-ilaria worm),ancylo stoma(hook worm)	nereis(sand worm),pheret ima(earth worm),hirudi-naria(blood sucking leech)	IMPORTANT INSECTS_apis-(honey bee),b-ombyx9silk worm),laccifer(lac insect) VECTOR-S-anopheles,cul-ex,and aedes, gregarious pest_ locusta(locust),l-iving fossil - limulus(king crab)	pila(apple snail),pinct-ada(pearl oyster),sepi-a(cuttle fish),-loligo(squid),o-ctopus(devil fish),aplysia(s-ea-hare),den-talium(tusk shell),and chaetopleura-(chiton)

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Published 1st October, 2022.
Last updated 1st October, 2022.

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EXAMPLES OF THE ANIMAL KINGDOM (cont)

		ECHINO-DERMATA	**HEMICH ORDATA**	**CHORDATA**	**UROCHO-RDATA_ascidi-a,salpa,d-oliolumCEPHAL-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_Chondricthyes**AND **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 amphibia)	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),-Equas(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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