

11.4 Animal Kingdom

Topic: List of Animals with Scientific Names

Learning Objectives:

At the end of this session, you will be able to

1. Write Scientific names of few animals used as examples
2. Use scientific names in writing text
3. Correlate scientific names, common names with their Phylum / classes

Discussion:

As a student of Biology, I would suggest all students of classes XI and XII to be aware of the scientific names of animals and plants which are commonly in use. Initially it may be difficult to learn the names as they do not belong to your language. So, instead of learning all at once, try to learn upto five names a day and keep on using and applying it in your daily interaction with your friends. Within a few weeks you will find yourself in a different position. Apply this and see the difference.

Scientific name	Common Name	Phylum / Class
<i>Adamsia</i>	Sea Anemone	CNIDARIA
<i>Alligator</i>	Alligator	REPTILIA
<i>Ancylostoma</i>	Hook worm	ASCHELMINTHES
<i>Anopheles/ Culex/ Aedes</i>	Mosquito	ARTHROPODA
<i>Antedon</i>	Sea lily	ECHINODERMATA
<i>Aphrodite</i>	Sea mouse	ANNELIDA
<i>Apis</i>	Honey bee	ARTHROPODA
<i>Aplysia</i>	Sea hare	MOLLUSCA
<i>Aptenodytes</i>	Penguin	AVES
<i>Ascaris</i>	Round worm	ASCHELMINTHES
<i>Astaeus</i>	Cray fish	ARTHROPODA
<i>Asterias</i>	Star fish	ECHINODERMATA
<i>Aurelia</i>	Jelly fish	CNIDARIA
<i>Balaenoptera</i>	Blue whale	MAMMAL
<i>Balanus</i>	Rock barnacle	ARTHROPODA
<i>Bangarus</i>	Krait	REPTILIA
<i>Bombyx</i>	Silk worm	ARTHROPODA
<i>Bufo</i>	Toad	AMPHIBIA
<i>Calotes</i>	Garden lizard	REPTILIA
<i>Camelus</i>	Camel	MAMMAL
<i>Canis</i>	Dog	MAMMAL

<i>Carcharodon</i>	Great white shark	CHONDRICHTHYES
<i>Catla catla</i>	Katla	OSTEICHTHYES
<i>Chaetopleura</i>	Chiton	MOLLUSCA
<i>Chameleon</i>	Tree Lizard	REPTILIA
<i>Chelone</i>	Turtle	REPTILIA
<i>Clarias</i>	Magur	OSTEICHTHYES
<i>Columba</i>	Pigeon	AVES
<i>Corallium</i>	Red coral	CNIDARIA
<i>Corvus</i>	Crow	AVES
<i>Crocodylus</i>	Crocodile	REPTILIA
<i>Cucumaria</i>	Sea cucumber	ECHINODERMATA
<i>Cypris</i>	Mussel shrimp	ARTHROPODA
<i>Daphnia</i>	Water flea	ARTHROPODA
<i>Dentalium</i>	Tusk shell	MOLLUSCA
<i>Draco</i>	Flying Lizard	REPTILIA
<i>Echinus</i>	Sea Urchin	ECHINODERMATA
<i>Elephas</i>	Elephant	MAMMAL
<i>Enterobius</i>	Pin worm	ASCHELMINTHES
<i>Equus</i>	Horse	MAMMAL
<i>Euspongia</i>	Bath sponge	PORIFERA
<i>Exocoetus</i>	Flying fish	OSTEICHTHYES
<i>Fasciola</i>	Liver fluke	PLATYHELMINTHES
<i>Felis</i>	Cat	MAMMAL
<i>Gorgonia</i>	Sea fan	CNIDARIA
<i>Helix</i>	Garden snail	MOLLUSCA
<i>Hemidactylus</i>	Wall lizard	REPTILIA
<i>Hilsa</i>	Hilsa	OSTEICHTHYES
<i>Hippocampus</i>	Sea horse	OSTEICHTHYES
<i>Hirudinaria</i>	Blood sucking leech	ANNELIDA
<i>Hormiphora</i>	Sea walnut	CTENOPHORA
<i>Hyla</i>	Tree frog	AMPHIBIA
<i>Ichthyophis</i>	Limbless amphibia	AMPHIBIA
<i>Julus</i>	Millipede	ARTHROPODA
<i>Labeo rohita</i>	Rohu	OSTEICHTHYES
<i>Laccifer</i>	Lac insect	ARTHROPODA
<i>Limax</i>	Grey slug	MOLLUSCA
<i>Limnaea</i>	Pond snail	MOLLUSCA
<i>Limulus</i>	King crab	ARTHROPODA
<i>Limulus</i>	King crab	ARTHROPODA
<i>Locusta</i>	Locust	ARTHROPODA
<i>Loliga</i>	Squid	MOLLUSCA
<i>Macaca</i>	Monkey	MAMMAL

<i>Macropus</i>	Kangaroo	MAMMAL
<i>Meandrina</i>	Brain coral	CNIDARIA
<i>Myxine</i>	Hagfish	CYCLOSTOMATA
<i>Naja</i>	Cobra	REPTILIA
<i>Neophron</i>	Vulture	AVES
<i>Nereis</i>	Sand worm	ANNELIDA
<i>Obelia</i>	Sea fur	CNIDARIA
<i>Octopus</i>	Devil fish	MOLLUSCA
<i>Ophiura</i>	Brittle star	ECHINODERMATA
<i>Ornithorhynchus</i>	Platypus	MAMMAL
<i>Oryctolagus</i>	Rabbit	REPTILIA
<i>Palaemon</i>	Prawn	ARTHROPODA
<i>Palamnaeus</i>	Scorpion	ARTHROPODA
<i>Panthera leo</i>	Lion	MAMMAL
<i>Panthera tigris</i>	Tiger	MAMMAL
<i>Pavo</i>	Peacock	AVES
<i>Pennatula</i>	Sea pen	CNIDARIA
<i>Peripatus</i>	Walking worm	ARTHROPODA
<i>Petromyzon</i>	Lamprey	CYCLOSTOMATA
<i>Pheretima</i>	Earthworm	ANNELIDA
<i>Physalia</i>	Portuguese man-of-war	CNIDARIA
<i>Pila</i>	Apple snail	MOLLUSCA
<i>Pinctada</i>	Pearl Oyster	MOLLUSCA
<i>Pleurobrachia</i>	Sea gooseberry	CTENOPHORA
<i>Pristis</i>	Saw fish	CHONDRICHTHYES
<i>Psittacula</i>	Parrot	AVES
<i>Pterophyllum</i>	Angel fish	OSTEICHTHYES
<i>Pteropus</i>	Flying fox	MAMMAL
<i>Rana tigrina</i>	Bull Frog	AMPHIBIA
<i>Rattus</i>	Rat	MAMMAL
<i>Salamandra</i>	Salamander	AMPHIBIA
<i>Schistosoma</i>	Blood fluke	PLATYHELMINTHES
<i>Scoliodon</i>	Dog fish	CHONDRICHTHYES
<i>Sepia</i>	Cuttle fish	MOLLUSCA
<i>Spongilla</i>	Fresh water sponge	PORIFERA
<i>Stromateus</i>	Pomfret	OSTEICHTHYES
<i>Struthio</i>	Ostrich	AVES
<i>Sycon</i>	Scypha	PORIFERA
<i>Taenia saginata</i>	Beef Tape worm	PLATYHELMINTHES
<i>Taenia solium</i>	Pork Tape worm	PLATYHELMINTHES
<i>Testudo</i>	Tortoise	REPTILIA
<i>Torpedo</i>	Electric ray	CHONDRICHTHYES

<i>Triturus</i>	Newt	AMPHIBIA
<i>Trygon</i>	Sting ray	CHONDRICHTHYES
<i>Tubifex</i>	Blood worm	ANNELIDA
<i>Unio</i>	Fresh water mussel	MOLLUSCA
<i>Varanus</i>	Monitor lizard	REPTILIA
<i>Vipera</i>	Viper	REPTILIA
<i>Wuchereria</i>	Filaria worm	ASCHELMINTHES

Suggestions:

After completing this assignment

1. Take the BioVocab Cross word test and evaluate your performance.
2. Visit a nearby Zoo. Carry a digital camera / mobile phone with good quality camera (do not ask your parents to purchase for this reason). Take pictures of animals. Read the placards and information boards displayed for different animals. Now realise that this trip was far different from your earlier trips. Make this trip both informatic and entertaining. You can develop a digital photo album of various animals. At least for these animals you don't require to download pics from internet. Write a report. Share with others and also with me your experience of Trip to a Zoo, now with a different objective.

