



Carl Linnaeus

Carl Linnaeus (Carl von Linné), 1707- 1778, Sweden.
 Botanist (scientific study of plants), zoologist (study in the classification of animals) and physician (medical professional).

Created the **binomial nomenclature** system to classify living things (plants and animals).

How to group living things.

A Kingdom is the highest classification into which living organisms are grouped in Linnean taxonomy. The five **kingdoms** in which living things are groups are: **Protista, Monera, Fungi, Plants, and Animals.** These groups are then split into smaller groups.

Science Vocabulary Dozen

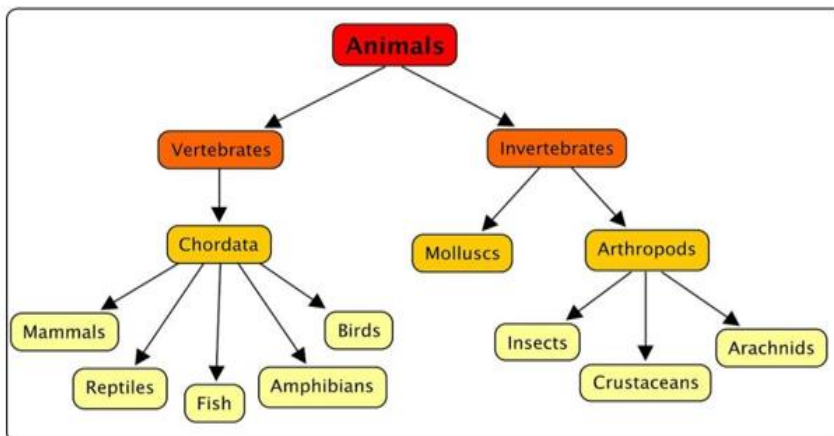
Micro-organisms	A living thing too small to been seen by the human eye.	Annelids	An invertebrate that is a segmented worm.
Invertebrate	Animals without a backbone.	Arachnid	Small invertebrate usually with 8 legs.
Vertebrate	Animals with a backbone or spinal column.	Species	A group of living things that are closely related.
Arthropod	An invertebrate with an exoskeleton an a segmented body.	Bacteria	A single celled micro-organism that can live anywhere.
Insect	A small arthropod animal that has six legs and three body parts.	Deciduous	Plants that shed their leaves annually.
Molluscs	Invertebrate with an unsegmented body that can have a hard shell.	Coniferous	Evergreen plants usually with needle-shaped or scale-like leaves, pines or cones.

Animal Kingdom

Animals can be classified in 2 main groups and then sub-divided further.






Invertebrates Animals without a backbone.	Annelida worms -earthworms, leech	Vertebrates Animals with a backbone. (Chordata)	Bird- penguin, owl, ostrich, robin
	Arthropods -spiders, ant, butterfly, centipede, crustacean-crab		Fish- tuna, shark, pike, pufferfish
	Molluscs -Snail, squid, octopus, oysters		Mammal- bat, dolphin, whale, humans
	Flatworm - moon flatworm, tape worm		Reptile- snake, crocodile, turtles, geckos
	Echinodermata - starfish, sea urchin, sand dollars		Amphibian - toad, salamander, frog, newt

Branching database- used to classify groups.



Plant Kingdom

Plants can be classified into 5 main groups and then sub-divided further.

Ferns 	A non-flowering plant with seeds or spores.
Conifers 	A non-flowering plant that are evergreen.
Flowering 	A plant that produces flowers.
Algae 	A non-flowering plant in water.
Mosses and liverworts 	Small flowerless plant, grown in damp habitats.