

## VOCABULARY

**Organism-** An organic living system composed of cells.

**Microorganism-** organism of microscopic size.

**Fungus-** part of Fungi kingdom includes yeast, rust, molds and mushrooms.

**Bacteria-** small single cell organisms found everywhere on earth.

**Virus-** microscopic parasites generally smaller than bacteria.

**Fish-** aquatic gill bearing animals

**Amphibian-** cold blooded vertebrate animal.

**Insect-** small arthropod animal which has 6 legs and generally one or two pairs of wings.

**Reptile-** a vertebrate animal typically with dry scaly skin and lay soft shelled eggs on land.

**Bird-** warm blooded egg laying vertebrate animal with feathers, wings and a beak.

**Arachnid-** an arthropod e.g. spiders and scorpions.

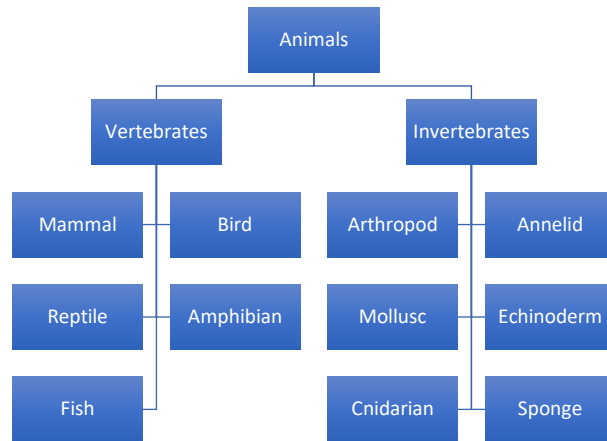
**Mollusc-** an invertebrate including snails, slugs, mussels and octopuses.

**Vertebrate-** animal with backbone

**Invertebrate-** animal without backbone.

**Classification-** To make smaller groups.

## Classification



## The Seven Level of Linnaeus' System

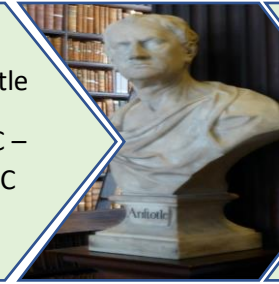
### The Seven Levels of Linnaeus' System



## Science Capital (Scientists)

Aristotle

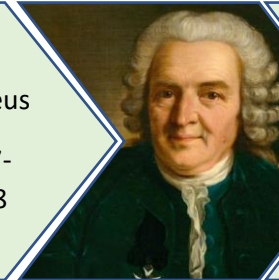
384BC – 322BC



Aristotle was the first person to try and classify living things into groups.

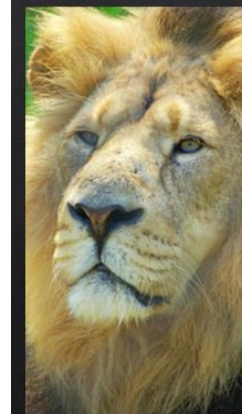
Carl Linnaeus

1707-1778

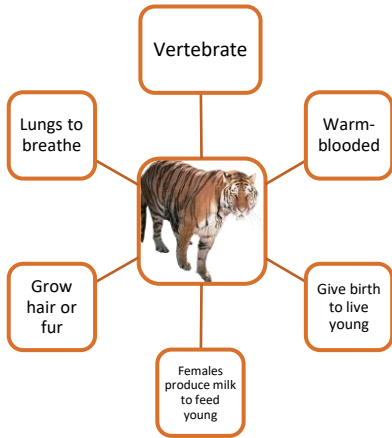


Carl Linnaeus was a Swedish scientist who believed it was a very important to have a standard system of classification.

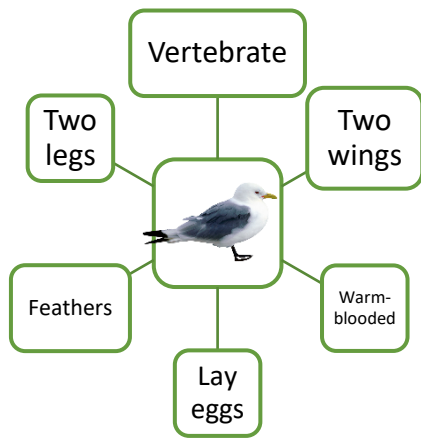
## Panthera leo (lion)



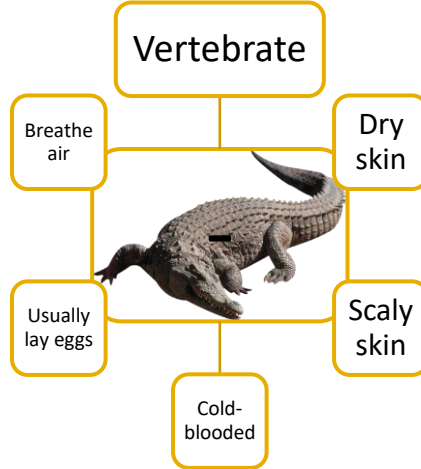
**Mammals**  
(Phylum Chordata, Class mammalia)



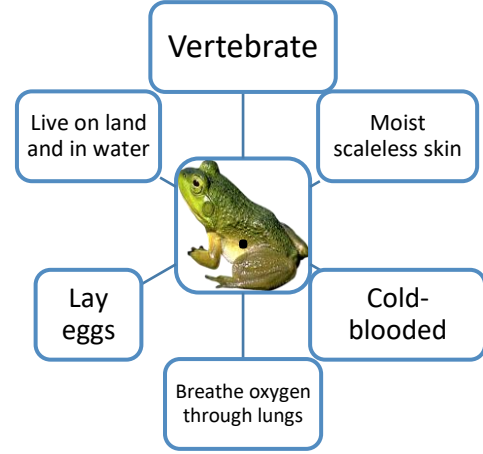
**Birds**  
(Phylum Chordata, Class aves)



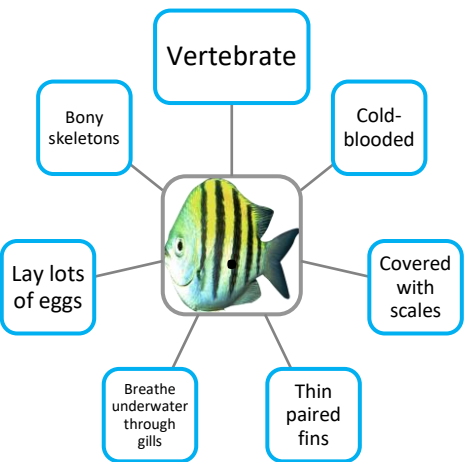
**Reptiles**  
(Phylum Chordata, Class reptilia)



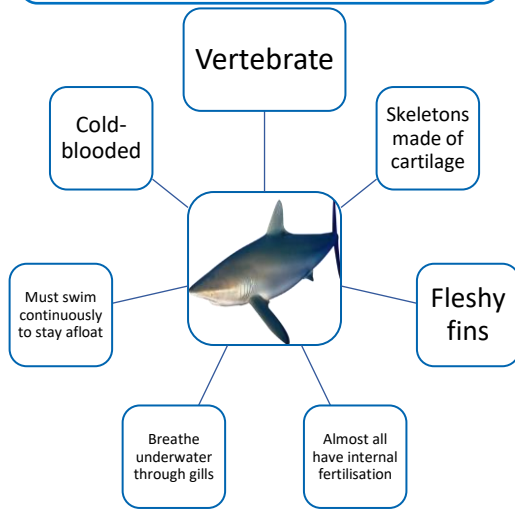
**Amphibians**  
(Phylum Chordata, Class Lissamphibia)



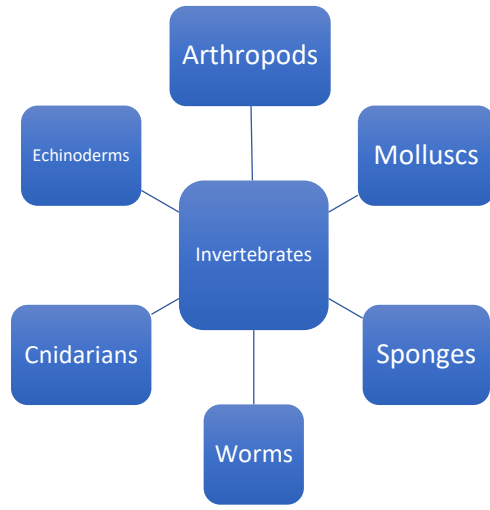
**Fish**  
(Phylum Chordata, Class Osteichthyes)



**Cartilaginous Fish**  
(Phylum Chordata, Class Chondrichthyes)



**Invertebrates**



**Microbes**

**Viruses:**  
Can make us sick and can pass from person to person.

**Bacteria:**  
Some bacteria are helpful for cooking others can make you sick.

**Fungi:**  
Can be found in air, water and on plants.   
Mould growing on bread is a type of fungi.

Famous Scientists:  
Edward Jenner: discovery of smallpox  
Alexander Fleming: penicillin.

