Taxonomy

Taxonomy: The Science of identifying organisms and naming them.

* There are different levels of classification.
* Carl Linnaes was a Swedish naturalist who created the first classification system for organisms.
* Different levels of taxonomy are
  + Domain (*Eukarya)*
    - Kingdom (*Animalia)*
      * Phylum (*Chordata)*
        + Class (*Mammalia)*

Order (*Carnivora)*

Family (*Felidae)*

Genus (*Panthera)*

Species

(*pardus)*

**Binomial nomenclature:**

A universal way of communicating species names.

Genus + species

Capitalized lower case

*Italicized italicized*

Example: grizzly bear emperor penguin

*Ursus arctos Aptenodytes forseti*