

Aristotle vs Linnaeus Venn Diagram

Aristotle

Linnaeus

- 1st classification system, used for 2,000 years

- 2 main groups: Plants & Animals

- Plants broken into edible & nonedible

- Plants broken into groups by movement: walk, swim, or fly

- Problems:

1. Animals could fit into more than one movement group and groups not by body structure

2. Plants had to be eaten to see if they are edible or not - some make people sick or dead

3. Some organisms had many different names

4. Some names were very long

- latest classification system, used for 200 years before modified again to today's system

- 3 main groups or Domains: Bacteria, Archaea, Eukarya

- 6 Kingdoms: Archaeobacteria, Eubacteria, Protists, Animals, Plants, Fungi

- 8 levels all nested within another or groups within groups; as you move down the levels there are few and few organisms with more and more in common

- scientific name: Genus species in Latin

- try to make sense of living things