

- The domain in which we find the bacteria
  - Eukaryote domain
    - The domain in which we find all other life
    - They have membrane-bound nucleus and organelles
- Each of the 3 domains is subdivided into these 7 taxa
  - Kingdom
  - Phylum
  - Class
  - Order
  - Family
  - Genus
  - Species
- The higher taxa have very general characteristics encompassing many types of organisms and the lower taxa have increasingly specific characteristics



Taxa	Human	Garden peas
Kingdom	Animalia	Plantae
Phylum	Chordata	Angiospermophyta
Class	Mammalia	Dicotyledoneae
Order	Primate	Rosales
Family	Hominidae	Papilionaceae
Genus	<i>Homo</i>	<i>Pisum</i>
Species	<i>sapiens</i>	<i>sativum</i>

- There are countless other ways to classify organisms
  - Feeding habits
  - Habitat
  - Daily activity
  - Risk
  - Anatomy
- No single classification system is the “right” way. It just have to be clear, consistent, logical, easily implemented and there’s a general consensus to apply it