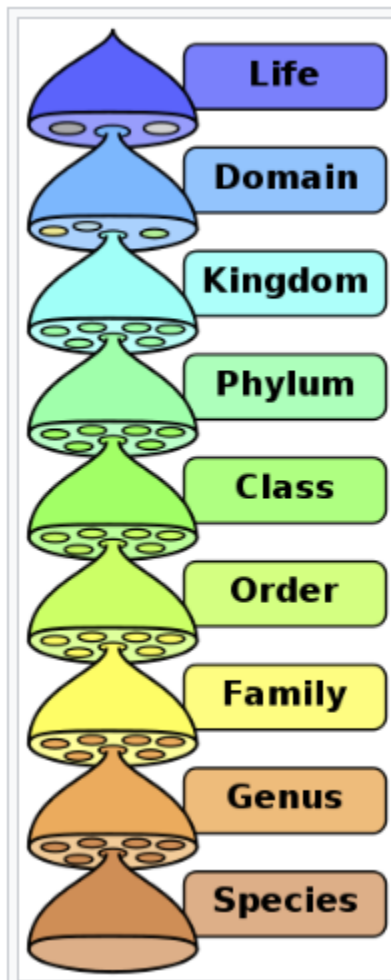


Classification of Organisms

Organizing items can help you understand them better and find them more easily. For example, you probably order your clothes drawers and your CD collection. Biologists want to better understand organisms so they organize them. One tool that they use to do this is **classification** the grouping of objects or information based on similarities. **Taxonomy** is the branch of biology that groups and names organisms based on studies of their different characteristics. Biologists who study taxonomy are called **taxonomists**.

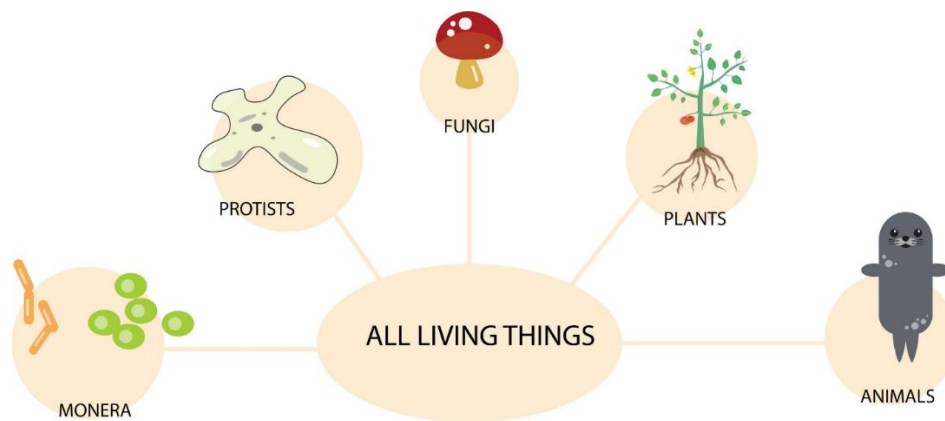


Categories	For Humans	Description
Kingdom	Animalia	Multicellular, moves, ingests food
Phylum	Chordata	Dorsal supporting rod and nerve cord
Class	Mammalia	Hair, mammary glands
Order	Primates	Adapted to climb trees
Family	Hominidae	Large brain, tool use Adapted to walk erect
Genus	Homo	
Species	H. sapiens	

- Domain: المجال او النظام - Archea, Eubacteria, Eukaryote
- Kingdom: مملكة Plants, Animals, Fungi, Protists, Eubacteria (Monera)
- Phylum: شعبة
- Class: صف
- Order: رتبة
- Family: عائلة
- Genus: جنس
- Species نوع

Five kingdom classification was proposed to distinguish between prokaryotes and eukaryotes.

- Kingdom Monera
- Kingdom Fungi
- Kingdom Protista
- Kingdom Plantae
- Kingdom Animalia



Five Kingdom system classification