**Taxonomy Vocabulary**

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| Binomial nomenclature | Class | Eukaryotic cell | Family | Genus | Kingdom |
| Order | Phylum | Prokaryotic cell | Species | Taxonomy / taxon | Protista |
| Animalia | Plantae | Fungi | Domain Eukarya | Carl Linneaus | Domain Archaea |
| Domain Bacteri / Eubacteria | Multicellular | Photosynthetic | Unicellular | Archaea bacteria | Peptidoglycan |
| Obligate anaerobe | Heterotrophic | Autotrophic | Asexual reproduction | Sexual reproduction | Motile |
| Extremophile | Aerobe |  |  |  |  |