

Chapter 18 quiz – What to know

Biology I – Landis

- Why biologists classify
- Binomial nomenclature – who invented, how it works
- Common names vs. scientific names – why don't we just use common names?
- Taxonomy – define
- Taxon – define
- 7 taxon system – Kingdom, phylum, class, order, family, genus, species
- 2 original kingdoms in the 7 taxon system
- “Traditional” classification vs. evolutionary classification
 - define each
 - what criteria are used to group organisms in each?
- Cladistic analysis – define, what does it show?, what kinds of evidence is used?
- 3 domain system – Archaea, Bacteria, Eukarya
 - what is included in each domain?
 - How did biologists determine these groupings?

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