

Chap 26: Phylogenies

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What is phylogeny?

What is Taxonomy?

What is a taxon?

What is binomial nomenclature?

What does a phylogenetic tree show?

Know how to read a phylogenetic tree. (What the different groupings mean)

What does "rooted" and "basal taxon" mean when referring to a phylogenetic tree?

What is a clade?

What is cladistics?

Know the phyletic groupings...(mono-, para-, polyphyletic, etc)

What is the difference between shared ancestral and shared derived characters?

What are the 3 domains? ...the 6 kingdoms?

What is horizontal gene transfer and how can it help/hinder understanding of phylogeny?