

The Tree of Life

A Computer Database

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MENUS/INDEXES

Traditional Phylogeny & Taxonomy of the Major Groups of Living Organisms

- Program (*Automated Identification Key, with Summaries of Distinctive Traits and Ancestry*)
- Outline
 - Kingdom Plantae [plants]
 - Subkingdom Thallobionta [thallophytes]
 - Prokaryotes
 - Division Schizomycophyta [bacteria]
 - Division Cyanophyta [blue-green algae]
 - Eukaryotic Algae
 - Division Rhodophyta [red algae]
 - Division Chrysophyta [golden algae]
 - Division Pyrrophyta [dinoflagellates]
 - Division Bacillariophyta [diatoms]
 - Division Phaeophyta [brown algae]
 - Division Xanthophyta [golden-green algae]
 - Division Euglenophyta [Euglena etc.]
 - Division Chlorophyta [green algae]
 - Division Mycota [fungi]
 - Subdivision Eumycotina [true fungi]
 - Subdivision Myxomycotina [slime molds]
 - Subkingdom Embryobionta
 - Division Bryophyta [liverworts, hornworts, & mosses]
 - Vascular Plants
 - Lower Vascular Plants

- Division Psilophyta [*Psilotum* etc.]
- Division Lycophyta [club mosses]
- Division Sphenophyta [horsetails]
- Division Pterophyta [ferns]
- Seed Plants
 - Gymnosperms
 - Division Pteridospermophyta [seed ferns (extinct)]
 - Division Cycadophyta [cycads]
 - Division Coniferophyta [conifers]
 - Division Ginkgophyta [Ginkgo]
 - Division Anthophyta [angiosperms]
- Kingdom Animalia [animals]
 - Subkingdom Protozoa [protozoans]
 - Subkingdom Parazoa
 - Phylum Porifera [sponges]
 - Subkingdom Eumetazoa
 - Radiata
 - Phylum Cnidaria, or Coelenterata [coelenterates]
 - Bilateria
 - Protostomes
 - Acoelomates
 - Phylum Platyhelminthes [flat worms]
 - Pseudocoelmates
 - Phylum Rotifera [rotifers]
 - Phylum Gastrotricha [gastrotrichs]
 - Phylum Nematoda [nematodes, or round worms]
 - Schizocoelous Coelomates
 - Phylum Mollusca [mollusks]
 - Phylum Annelida [segmented worms]
 - Phylum Arthropoda [arthropods]

- Lopophorate Coelomates
 - Phylum Bryozoa [moss animals]
- Deuterostomes, or Enterocoelous Coelomates
 - Phylum Echinodermata [echinoderms]
 - Phylum Hemichordata [acorn worms etc.]
 - Phylum Chordata
 - Subphylum Urochordata [sea squirts, or tunicates]
 - Subphylum Cephalochordata [lancelets]
 - Subphylum Vertebrata [vertebrates]

Comparative Physiology & Anatomy (*Between Groups of Plants or Animals, Automated by Program*)

- Environments
- Gross Structures
- Material & Energy Intake/Output
- Internal Transport
- Internal Control
- Reproduction

Alphabetical Index of Organisms