

The Taxonomicon
Crane & Kenrick, 1997

Classification of
Eukaryota
(eukaryotes)
down to Species

Compiled by Drs. S.J. Brands
Universal Taxonomic Services

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Eukaryota**1 Chlorophyta**1 "*Micromonadophyceae*" [monophyletic?]**2 Ulvophyta**1 "*Ulvophyceae*" [monophyletic?]2.1 *Pleuroastrophyceae* [within unnamed taxon]2.2 *Chlorophyceae* [within unnamed taxon]**3 Streptophyta****1 Chlorokybophyceae**2.1 "*Klebsormidiophyceae*" [within unnamed taxon] [monophyletic?]2.2.1 *Zygnemophyceae* [within unnamed taxon]2.2.2.1 *Charophyceae* [within unnamed taxon]2.2.2.2 *Chaetosphaeridiophyceae* [within unnamed taxon]2.2.2.3 "*Coleochaetophyceae*" [within unnamed taxon] [monophyletic?]2.2.2.4 *Embryophyta* [within unnamed taxon]**1 Marchantiopsida****1 Sphaerocarpaceae**2.1 *Monocleales* [within unnamed taxon]2.2 *Marchantiales* [within unnamed taxon]2.3 *Jungermanniales* [within unnamed taxon]**1 Calobryales**2.1 "*Metzgeriales*" [within unnamed taxon] [monophyletic?]2.2 *Jungermanniales* [within unnamed taxon]**2 Stomatophyta****1 Anthocerotopsida**2.1 *Bryopsida* [within unnamed taxon]**1 Sphagnales**2.1 *Andraeopsida* [within unnamed taxon]**1 Takakiales**2.1 *Andraeales* [within unnamed taxon]2.2 *Andraeobryales* [within unnamed taxon]2.2.1 *Tetraphidales* [within unnamed taxon]2.2.2.1 *Polytrichales* [within unnamed taxon]2.2.2.2.1 *Buxbaumiales* [within unnamed taxon]2.2.2.2.2 *Bryales* [within unnamed taxon]2.2 *Polysporangiophyta* [within unnamed taxon]**1 †Horneophytids**2.1 †*Aglaophyton major* [within unnamed taxon]2.2 *Tracheophyta* [within unnamed taxon]**1 †Rhyniopsida****2 Eutracheophyta****1 Lycophytina**1 †*Zosterophyllum myretonianum***2 Lycopsideae****1 †Drepanophycales**2.1 "*Lycopodiaceae*" [within unnamed taxon] [monophyletic?]2.2 *Ligulateae* [within unnamed taxon]**1 †Protolpidodendrales****2 Heterosporales****1 Selaginellaceae****2 Isoetales****3 †Zosterophylloids**1 †*Zosterophyllum divaricatum***2 †Sawdoniales****1 †Sawdoniaceae****2 †Barinophytaceae**3 †"*Gosslingiaceae*" [monophyletic?]**4 †Hsua robusta****2 Euphyllophytina****1 †Eophyllophyton bellum**2.1 †*Psilophyton dawsonii* [within unnamed taxon]2.2.1 *Moniliformophyta* [within unnamed taxon]1 †"*Cladoxylopsida*" [monophyletic?]1 †"*Cladoxylales*" [monophyletic?]**2 †Stauropteridales****3 †Zygopteridales****2 Equisetopsida****3 Filicopsida****1 Ophioglossales****2 Psilotales****3 Marattiales****4 Polypodiales**

Crane & Kenrick, 1997

- Eukaryota -

- 2.2.2 *Radiatophyta* [within unnamed taxon]
 - 1 †*Pertica varia*
 - 2 *Lignophyta*
 - 1 †"*Aneurophytales*" [monophyletic?]
 - 2 †"*Archaeopteridales*" [monophyletic?]
 - 3 †"*Protopityales*" [monophyletic?]
 - 4 *Spermatophyta*
 - 1 †"*Calamopityales*" [monophyletic?]
 - 2.1 †"*Hydraspermales*" [within unnamed taxon] [monophyletic?]
 - 2.2.1 †"*Lyginopteridales*" [within unnamed taxon] [monophyletic?]
 - 2.2.2.1 †"*Medullosales*" [within unnamed taxon]
 - 2.2.2.2 *Euspermatales* [within unnamed taxon]
 - 01 *Cycadales*
 - 02 †*Callistophytales*
 - 03 *Coniferophytales*
 - 1 †*Cordaitiales*
 - 2 *Coniferales*
 - 04 †*Glossopteridales*
 - 05 †*Czekanowskiales*
 - 06 *Ginkgoales*
 - 07 †"*Peltaspermales*" [monophyletic?]
 - 08 †"*Corystospermales*" [monophyletic?]
 - 09 †*Caytoniales*
 - 10 *Anthophytales*
 - 1 †*Pentoxylales*
 - 2 †*Bennettitales*
 - 3 *Gnetales*
 - 4 *Angiospermopsida*
 - 1 "*Magnoliopsida*" [monophyletic?]
 - 2.1 *Liliopsida* [within unnamed taxon]
 - 2.2 *Hamamelidopsida* [within unnamed taxon]
 - 1 *Ranunculales*
 - 2 *Hamamelidales*
 - 1 *Caryophyllales*
 - 2 "*Rosales*" [monophyletic?]
 - 3 "*Dilleniales*" [monophyletic?]
 - 4 *Lamidna*
 - 5 *Asterales*

Source: Crane, P.R. & Kenrick, P. 1997. Problems in Cladistic Classification: Higher-Level Relationships in Land Plants. *Aliso* 15 (2): 87-104.