

The Taxonomicon
Kenrick & Crane, 1997a

Classification of
Superkingdom *Eukaryota*
(eukaryotes)
down to Species

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Kenrick & Crane, 1997a
 - Superkingdom *Eukaryota* -

Superkingdom *Eukaryota*

Kingdom *Chlorobiota*

- 1 Subkingdom "*Micromonadobionta*" incertae sedis
 - 1 Division "*Micromonadophyta*"
 - 1 Class "*Micromonadophyceae*" [monophyletic?]
- 2 Subkingdom *Ulvobionta*
 - 1 Division *Ulvophyta*
 - 1 Class "*Ulvophyceae*" [monophyletic?]
 - 2 Class *Pleurostrophyceae*
 - 3 Class *Chlorophyceae*
- 3 Subkingdom *Streptobionta*
 - 1 Infrakingdom *Chlorokybiotes*
 - 1 Division *Chlorokybophyta*
 - 1 Class *Chlorokybophyceae*
 - 2 Infrakingdom "*Klebsormidiobiontes*"
 - 1 Division "*Klebsormidiophyta*"
 - 1 Class "*Klebsormidiophyceae*" [monophyletic?]
 - 3 Infrakingdom *Zygnemobiontes*
 - 1 Division *Zygnemophyta*
 - 1 Class *Zygnemophyceae*
 - 4 Infrakingdom *Charobiontes* incertae sedis
 - 1 Division *Charophyta*
 - 1 Class *Charophyceae*
 - 5 Infrakingdom *Chaetosphaeridiobiontes* incertae sedis
 - 1 Division *Chaetosphaeridiophyta*
 - 1 Class *Chaetosphaeridiophyceae*
 - 6 Infrakingdom "*Coleochaetobiontes*" incertae sedis
 - 1 Division "*Coleochaetophyta*"
 - 1 Class "*Coleochaetophyceae*" [monophyletic?]
 - 7 Infrakingdom *Embryobiontes*
 - 1 Superdivision *Marchantiomorpha*
 - 1 Division *Marchantiophyta*
 - 1 Class *Marchantiopsida*
 - 1 Order *Sphaerocarpaceae*
 - 2 Order *Monocleales* incertae sedis
 - 3 Order *Marchantiales* incertae sedis
 - 4 Order *Calobryales*
 - 5 Order "*Metzgeriales*" [monophyletic?]
 - 6 Order *Jungermanniales*
 - 2 Superdivision *Anthocerotomorpha*
 - 1 Division *Anthocerotophyta*
 - 1 Class *Anthocerotopsida*
 - 3 Superdivision *Bryomorpha*
 - 1 Division *Bryophyta*
 - 1 Class *Bryopsida*
 - 1 Subclass *Sphagnidae*
 - 2 Subclass *Andreaeidae*
 - 1 Order *Takakiales*
 - 2 Order *Andreaeales*
 - 3 Order *Andreaebryales*
 - 3 Subclass *Tetraphidae*
 - 4 Subclass *Polytrichidae*
 - 5 Subclass *Buxbaumiidae*
 - 6 Subclass *Bryidae*
 - 4 Superdivision *Polysporangiomorpha*
 - 1 [plesion] †*Horneophytopsida*
 - 2 [plesion] †*Aglaophyton major*
 - 3 Division *Tracheophyta*
 - 1 [plesion] †*Rhyniopsida*
 - 2 Subdivision *Lycophytina*
 - 1 [plesion] †*Zosterophyllum myretonianum* incertae sedis
 - 2 Class *Lycopsida*
 - 1 [plesion] †*Drepanophycales*
 - 2 Order "*Lycopodiales*" [monophyletic?]
 - 3 [plesion] †*Protolpidodendrales*
 - 4 Order *Selaginellales*
 - 5 Order *Isoetales*
 - 3 [plesion] †*Zosterophylloidsida*
 - 1 [plesion] †*Zosterophyllum divaricatum*
 - 2 [plesion] †*Sawdoniales*
 - 1 [plesion] †*Sawdoniaceae* sedis mutabilis
 - 2 [plesion] †*Barinophytaceae* sedis mutabilis

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- Superkingdom Eukaryota -

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- 3 [plesion] †"*Gosslingiaceae*" sedis mutabilis [monophyletic?]
 - 4 [plesion] †"*Hsuaceae*" sedis mutabilis
 - 3 Subdivision *Euphyllophytina*
 - 1 [plesion] †*Eophyllophyton bellum*
 - 2 [plesion] †*Psilophyton dawsonii*
 - 3 Infradivision *Moniliformopses*
 - 1 [plesion] †"*Cladoxylopsida*" sedis mutabilis [monophyletic?]
 - 1 [plesion] †"*Cladoxyliidae*" sedis mutabilis [monophyletic?]
 - 2 [plesion] †*Stauropteridae* sedis mutabilis
 - 3 [plesion] †*Zygopteridae* sedis mutabilis
 - 2 Class *Equisetopsida* sedis mutabilis
 - 3 Class *Filicopsida* sedis mutabilis
 - 1 Subclass *Ophioglossidae* sedis mutabilis
 - 2 Subclass *Psilotidae* sedis mutabilis
 - 3 Subclass *Marattiidae* sedis mutabilis
 - 4 Subclass *Polypodiidae* sedis mutabilis
 - 4 Infradivision *Radiatopses*
 - 1 [plesion] †*Pertica varia*
 - 2 Supercohort *Lignophytia*
 - 1 [plesion] †"*Aneurophytales*" sedis mutabilis [monophyletic?]
 - 2 [plesion] †"*Archaeopteridales*" sedis mutabilis [monophyletic?]
 - 3 [plesion] †"*Protopityales*" sedis mutabilis [monophyletic?]
 - 4 Cohort *Spermatophytata* sedis mutabilis
 - 1 [plesion] †"*Calamopityaceae*" incertae sedis [monophyletic?]
 - 2 [plesion] †"*Hydraspermacaeae*" [monophyletic?]
 - 3 [plesion] †"*Lyginopteridaceae*" [monophyletic?]
 - 4 [plesion] †*Medullosaceae*
 - 5 Subcohort *Euspermatoclidetes*
 - 01 Infracohort *Cycadatae* sedis mutabilis
 - 02 [plesion] †*Callistophytaceae* sedis mutabilis
 - 03 Infracohort *Coniferophytatae* sedis mutabilis
 - 1 [plesion] †*Cordaitidra*
 - 2 Superclass *Coniferidra*
 - 04 [plesion] †*Glossopteridaceae* sedis mutabilis
 - 05 [plesion] †*Czekanowskiaceae* sedis mutabilis
 - 06 Infracohort *Ginkgoatae* sedis mutabilis
 - 07 [plesion] †"*Peltaspermacaeae*" sedis mutabilis [monophyletic?]
 - 08 [plesion] †"*Corystospermacaeae*" sedis mutabilis [monophyletic?]
 - 09 [plesion] †*Caytoniaceae* sedis mutabilis
 - 10 Infracohort *Anthophytatae* sedis mutabilis
 - 1 [plesion] †*Pentoxylales* sedis mutabilis
 - 2 [plesion] †*Bennettitales* sedis mutabilis
 - 3 Superclass *Gnetidra* sedis mutabilis
 - 4 Superclass *Magnolidra* sedis mutabilis
 - 1 Class "*Magnoliopsida*" [monophyletic?]
 - 2 Class *Liliopsida*
 - 3 Class *Hamamelidopsida*
 - 1 Subclass *Ranunculidae*
 - 2 Subclass *Hamamelididae*
 - 1 Infraclass *Caryophyllidna* sedis mutabilis
 - 2 Infraclass "*Rosidna*" sedis mutabilis [monophyletic?]
 - 3 Infraclass "*Dilleniidna*" sedis mutabilis [monophyletic?]
 - 4 Infraclass *Lamiidna* sedis mutabilis
 - 5 Infraclass *Asteridna* sedis mutabilis

Source: Kenrick, P. & Crane, P.R. 1997a. *The Origin and Early Diversification of Land Plants*. Smithsonian Institution Press, Washington, DC: 441 pp.