

*The Taxonomicon*  
*Doweld, 2001*

Classification of  
**Domain *Eucaryota***  
(eukaryotes)  
down to Species

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

30 Dec 2022

*Doweld, 2001*  
- Domain *Eucaryota* -

---

Domain *Eucaryota*

1 Subdomain *Chlorota*

1 Kingdom *Euglenobiota* Leedale *ex* Doweld

1 Subkingdom *Cercomonadobiotina* *subregn. et stat. nov.*

1 Phylum *Cercomonadozoa* Karpov, 1990

1 Class *Apusomonadatea* *nom. nov.*

1 Family *Apusomonadidae* Karpov *et* Mylnikov, 1989

1 Genus *Apusomonas* Alexeieff

2 Class *Thaumatomonadatea* Mikrjukov, 2000

3 Class *Cercomonadatea* Mikrjukov, 2000

4 Class *Dimorphiellatea* *cl. et stat. nov.*

1 Order *Dimorphiellida* *ord. et stat. nov.*

1 Family *Dimorphiellidae* *fam. et nom. nov.*

1 Genus *Dimorphiella* Valkanov, 1928

5 Class *Clathrullinatea* Kussakin *et* Drozdov, 1998

2 Phylum *Chlororachniozoa* Hibberd *et* R. E. Norris, 1984

2 Subkingdom *Percolobiotina* *subregn. et stat. nov.*

1 Phylum *Nucleariozoa* Mikrjukov, 2000

1 Class *Nucleariatea* *cl. et stat. nov.*

1 Order *Nucleariida* *stat. nov.*

1 Family *Nucleariidae* Cann *et* F. C. Page, 1979

1 Genus *Nuclearia* Cienkowski

2 Phylum *Tetramitozoa* L. S. Dillon, 1963

1 Class *Tetramitatea* *nom. nov.*

1 Order *Tetramitida* *nom. et ord. nov.*

1 Family *Tetramitidae* Kent, 1881

1 Genus *Tetramitus* Perty

3 Phylum *Percolozoa* Cavalier-Smith, 1991

3 Subkingdom *Euglenobiotina* Dillon *ex* Doweld *subregn. nov.*

1 Phylum *Stephanopogonophyta* Sleigh, Dodge *et* Patterson, 1984

2 Phylum *Diplosonematophyta* *nom. nov.*

1 Class *Diplosonematophyceae* *nom. nov.*

1 Order *Diplosonematales* *ord. et stat. nov.*

1 Family *Diplosonemataceae* *fam. et nom. nov.*

1 Genus *Diplosonema* *nom. nov.*

1 Species *Diplosonema breviciliatum* (Griessmann) Doweld, *comb. nov.*

3 Phylum *Bodonophyta* *phyl. et nom. nov.*

1 Class *Bodonophyceae* Silva, 1980

1 Family *Bodonaceae* Bütschli, 1884

1 Genus *Bodo* Ehrenb.

4 Phylum *Spironematellozoa* *nom. nov.*

1 Class *Spironematellatea* *cl. et nom. nov.*

1 Order *Spironematellida* *ord. nov.*

1 Family *Spironematellaceae* P. C. Silva, 1980

1 Genus *Spironematella* P. C. Silva, 1970

5 Phylum *Euglenophyta* Pascher, 1931

1 Class *Euglenophyceae* Schoenichen, 1925

2 Kingdom *Peridiniobiota* Starobogatov *ex* Doweld

1 Subkingdom *Peridiniobiotina* *nom. nov.*

1 Phylum *Perkinsozoa* Karpov, 1990

1 Class *Perkinsatea* Levine, 1978

2 Phylum *Gregarinozoa* Kussakin *et* Drozdov, 1998

1 Class *Gregarinatea* Grasse, 1953

1 Order *Exoschizonida* *nom. nov.*

1 Family *Exoschizonidae* *fam. et stat. nov.*

1 Genus *Exoschizon* Giard

2 Order *Gregarinida* Poche, 1913

3 Order *Schizocystida* *nom. nov.*

1 Family *Schyzocystidae* Léger *et* Duboscq, 1908

2 Class *Eimeriatea* *stat. nov.*

1 Order *Rhytidocystida* *nom. nov.*

1 Family *Rhytidocystidae* N. D. Levine, 1979

1 Genus *Rhytidocystis* Hennegey

2 Order *Eleutheroschizonida* *nom. nov.*

1 Family *Eleutheroschizonidae* Chatton *et* Villeneuve, 1936

1 Genus *Eleutheroschizon* Brasil

3 Order *Eimeriida* Leger, 1911

1 Suborder *Adeleinea* Léger, 1911

2 Suborder *Eimeriinea* Léger, 1911

3 Suborder *Haemoproteinea* *nom. nov.*

1 Family *Haemoproteidae* Doflein, 1916

1 Genus *Haemoproteus* Kruse







*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Class *Haplomitriopsida* R. Stotler & Crandall-Stotler, 1977
- 2 Class *Jungermanniopsida* R. Stotler & Crandall-Stotler, 1977
  - a Subclass *Metzgeriidae* Bartholomew-Began, 1990
  - b Subclass *Jungermanniidae* Engler, 1893, *in* Engler & Prantl
- B Subphylum *Anthocerotophytina* *stat. nov.*
- 3 Class *Anthocerotopsida* D. H. Campbell, 1905
- IV Phylum *Bryophyta* W. P. Schimper, 1879, *in* K. A. Zittel
  - A Subphylum *Sphagnophytina* *subphyl. et stat. nov.*
    - 1 Class *Sphagnopsida* W. Schimper, 1860
  - B Subphylum *Bryophytina* Engler, 1892
    - 2 Class *Polytrichopsida* *cl. nov.*
    - 3 Class *Andraeopsida* J. H. Schaffn., 1909
      - a Subclass *Takakiidae* *subcl. nov.*
      - b Subclass *Andraeidae* Engler, 1892
    - 4 Class *Bryopsida* Pax, 1900
      - a Subclass *Tetraphididae* *subcl. et stat. nov.*
      - b Subclass *Buxbaumiiidae* *subcl. et stat. nov.*
      - c Subclass *Bryidae* Engler, 1892
      - d Subclass *Dicranidae* *subcl. et stat. nov.*
- 4 Subkingdom *Lycopodiobiotina* *subregn. nov.*
  - I Phylum †*Zosterophyllophyta* H. Bold, 1973
    - 1 Class †*Zosterophyllopsida* A. S. Foster & Gifford, 1974
      - 1 Order †*Cooksoniales* *ord. nov.*
        - 1 Family †*Cooksoniaceae* H. Banks *ex* D. Edwards, 1970
          - 1 Genus †*Cooksonia* Lang
      - 2 Order †*Zosterophyllales* Bierhorst, 1971
        - 1 Family †*Renaliaceae* *fam. nov.*
          - 1 Genus †*Renalia* Gensel
        - 2 Family †*Zosterophyllaceae* Kräusel, 1938, *in* Verdoorn
        - 3 Family †*Hsueaceae* Kenrick & Crane, 1997
        - 4 Family †*Sawdoniaceae* Kenrick & Crane, 1997
        - 5 Family †*Gosslingiaceae* H. Banks, 1968, *in* Drake
    - 2 Class †*Barinophytopsida* S. V. Meyen, 1987
      - 1 Order †*Barinophytales* Høeg *ex* Doweld, *ord. nov.*
        - 1 Family †*Barinophytaceae* Høeg *ex* H. Banks, 1975
  - II Phylum *Lycopodiophyta* D. H. Scott, 1900
    - 1 Class †*Drepanophycopsida* R. J. Rayner, 1984
      - 1 Order †*Asteroxylales* Koidzumi *ex* Nakai, 1943
        - 1 Family †*Asteroxylaceae* [Kidston & Lang *ex*] Wettst. 1923
        - 2 Family †*Colpodexylaceae* Nemejc, 1963
      - 2 Order †*Drepanophycales* Novák, 1961
        - 1 Family †*Drepanophycaceae* Kräusel, 1938, *in* Verdoorn
        - 2 Family †*Archaeosigillariaceae* Koidzumi *ex* Nakai, 1943
      - 3 Order †*Protolepidodendrales* Koidzumi, 1939
        - 1 Family †*Protolepidodendraceae* Zimmerm. 1930
        - 2 Family †*Atasudendraceae* Jurina, 1993
        - 3 Family †*Eleutherophyllaceae* Kräusel & Weyl. 1949
        - 4 Family †*Blasariaceae* Senkevitsch, 1961
    - 2[4] Order †*Barrandeinales* Novák, 1961, *incertae sedis*
      - 1 Family †*Barrandeinaceae* Kräusel & Weyl. 1949
    - 3[2] Class *Lycopodiopsida* Bartl. 1830
      - 1 Order *Lycopodiales* Dumort. 1829
        - 1 Family *Lycopodiaceae* Mirb. 1802, *in* Lam. & Mirb.
        - 2 Family *Huperziaceae* Rothm. 1962
        - 3 Family *Phylloglossaceae* G. Kunze, 1843
  - III Phylum *Isoëtophyta* *phyl. nov.*
    - A Subphylum †*Leclercqiophytina* *subphyl. nov.*
      - 1 Class †*Leclercqiopsida* *cl. nov.*
        - 1 Order †*Leclercqiales* *ord. nov.*
          - 1 Family †*Leclercqiaceae* *fam. nov.*
            - 1 Genus †*Leclercqia* H. Banks, Bonamo & J. Grierson
    - B Subphylum *Isoëtophytina* *subphyl. nov.*
      - 1[2] Class †*Lepidocarpopsida* *cl. nov.*
        - 1 Order †*Jurinodendrales* Doweld, 2001
          - 1 Family †*Jurinodendraceae* Doweld, 2001
            - 1 Genus †*Jurinodendron* Doweld, 2001
          - 2 Family †*Omphalophloiaceae* Nakai, 1943
        - 2 Order †*Leptophloeales* Lemoigne, 1982
          - 1 Family †*Leptophloeaceae* Kräusel & Weyl. 1949
          - 2 Family †*Lycopodiopsidaceae* Chaloner, 1967, *in* Boureau
          - 3 Family †*Lepidosigillariaceae* Kräusel & Weyl. 1949
          - 4 Family †*Sublepidodendraceae* Kräusel & Weyl. 1949



*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Family †*Calamocarpaceae* F. Fukarek, 1972
  - 1 Genus †*Calamocarpon* Baxter
- 3 Class *Equisetopsida* C. Agardh, 1825
  - 1 Order †*Gondwanostachyales* ord. nov.
    - 1 Family †*Gondwanostachyaceae* S. V. Meyen, 1983, *nom. cons. prop.*
      - 1 Genus †*Gondwanostachys* S. V. Meyen
    - 2 Family †*Tchernoviaceae* S. V. Meyen, 1983
    - 3 Family †*Manchurostachyaceae* Grauvogel-Stamm, 1978
    - 4 Family †*Konnostachyaceae* fam. et nom. nov.
      - 1 Genus †*Konnostachys* nom. nov.
        - 1 Species †*Konnostachys koreanicus* (Kon'no) Doweld, *comb. nov.*
    - 5 Family †*Notocalamitaceae* Rigby, 1972
  - 2 Order †*Echinostachyales* ord. nov.
    - 1 Family †*Echinostachyaceae* Grauvogel-Stamm, 1978, *nom. cons. prop.*
      - 1 Genus †*Echinostachys* Brongn.
  - 3 Order *Equisetales* Dumort. 1829
    - 1 Family *Equisetaceae* DC. 1804
- 5[V] Phylum †*Cladoxylophyta* phyl. nov.
  - 1 Class †*Cladoxylopsida* Novák, 1930, *in Prát*
    - 1 Order †*Hyeniales* Eames, 1936
      - 1 Family †*Hyeniaceae* Hirmer, 1933, *in Wettst.*
      - 2 Family †*Calamophytaceae* Kräusel & Weyl., 1926
    - 2 Order †*Cladoxylales* Zimmerm. 1930
      - 1 Family †*Pseudosporochnaceae* Hirmer, 1933, *in Wettst.*
      - 2 Family †*Cladoxylaceae* Unger, 1856
        - 1 Genus †*Cladoxylon* F. Unger
    - 3 Order †*Steloxylales* ord. nov.
      - 1 Family †*Steloxylaceae* Arnold *ex* Doweld, *fam. nov.*
        - 1 Genus †*Steloxylon* Solms-Laubach
- 6[VI] Phylum *Marattiophyta* Heintze, 1927
  - 1 Class *Marattiopsida* cl. nov.
    - 1 Order †*Asterothecales* ord. nov.
      - 1 Family †*Ptychocarpaceae* fam. nov. et cons. prop.
        - 1 Genus †*Ptychocarpus* C. Weiss
      - 2 Family †*Asterothecaceae* Sze Xingjian & Li Xingxue, 1963, *nom. cons. prop.*
        - 1 Genus †*Asterotheca* C. Presl
    - 2 Order *Marattiales* Prantl, 1874
      - 1 Family †*Tieteaceae* Nemejc, 1963
      - 2 Family *Marattiaceae* Bercht. & J. Presl, 1820
        - 1 Genus *Marattia* Swartz
      - 3 Family *Danaeaceae* C. Agardh, 1822
    - 3 Order *Christenseniales* ord. nov.
      - 1 Family †*Weichseliaceae* Zimmerm. 1959
      - 2 Family *Angiopteridaceae* Fée *ex* Bommer, 1867
      - 3 Family *Christenseniaceae* Ching, 1940
        - 1 Genus *Christensenia* Maxon
- 7[VII] Phylum †*Botryopteridiophyta* phyl. nov.
  - 1 Class †*Botryopteridiopsida* cl. et nom. nov.
    - 1 Order †*Zygopteridales* Emberger, 1944
      - 1 Family †*Zygopteridaceae* P. Bertrand *ex* B. Sahni, 1918
      - 2 Family †*Corynepteridaceae* Cleal, 1993, *in* M. J. Benton
      - 3 Family †*Biscalitheaceae* Cleal, 1993
    - 2 Order †*Senftenbergiales* ord. nov.
      - 1 Family †*Senftenbergiaceae* Reed, 1948
        - 1 Genus †*Senftenbergia* Corda
    - 3 Order †*Botryopteridiales* nom. et ord. nov.
      - 1 Family †*Psalixochlaenaceae* Holmes, 1981
      - 2 Family †*Botryopteridiaceae* nom. et fam. nov.
        - 1 Genus †*Botryopteridium* Doweld, 2001
    - 4 Order †*Neomariopteridales* ord. nov.
      - 1 Family †*Sermayaceae* Eggert & Delevoryas, 1967, *nom. cons. prop.*
      - 2 Family †*Neomariopteridaceae* nom. et fam. nov.
        - 1 Genus †*Neomariopteris* P. K. Maithy, 1974
- 2 Class †*Urnatopteridopsida* cl. nov.
  - 1 Order †*Urnatopteridales* Danzé *ex* Doweld, ord. nov.
    - 1 Family †*Urnatopteridaceae* fam. nov.
      - 1 Genus †*Urnatopteris* R. Kidston
  - 2 Order †*Crossothecales* Danzé *ex* Doweld, ord. nov.
    - 1 Family †*Crossothecaceae* fam. nov. et cons. prop.
      - 1 Genus †*Crossotheca* R. Zeiller
  - 3 Order †*Discopteridales* ord. nov.
    - 1 Family †*Discopteridaceae* fam. nov.







*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Family †*Tingiaceae* G. Koidzumi, 1938
  - 02[‘XI’] Phylum †*Aneurophytophyta* H. Bold, 1973
    - A Subphylum †*Aneurophytophytina* subphyl. et stat. nov.
      - 1 Class †*Rhacophytosida* T. N. Taylor, 1981
        - 1 Order †*Rhacophytales* Nemejc, 1963
          - 1 Family †*Rhacophytaceae* G. Radczenko, 1963, in Yu. A. Orlov
        - 2 Class †*Aneurophytopsida* Bierhorst ex Takht. 1978, in Grushvitzky & Zhilin
          - 1 Order †*Aneurophytales* Bonamo & H. Banks, 1967
            - 1 Family †*Aneurophytaceae* A. R. Ananiev, 1963, in Yu. A. Orlov, *nom. cons. prop.*
          - 2 Order †*Protopytales* Nemejc, 1963
            - 1 Family †*Protopytaceae* Solms-Laubach, 1893
      - B Subphylum †*Archaeopteridophytina* subphyl. et stat. nov.
        - 3 Class †*Archaeopteridosida* Takht. 1978, in Grushvitzky & Zhilin
          - 1 Order †*Archaeopteridales* Zimmerm. 1930
            - 1 Family †*Archaeopteridaceae* Trapl, 1926
  - 03[‘XII’] Phylum †*Moresnetiophyta* *nom. et phyl. nov.*
    - 1 Class †*Moresnetiosida* *cl. nov.*
      - 1 Order †*Moresnetiales* *ord. nov.*
        - 1 Family †*Moresnetiaceae* Nemejc, 1963
          - 1 Genus †*Moresnetia* Stockmans
        - 2 Family †*Eurystomataceae* A. G. Long, 1975
        - 3 Family †*Eospermataceae* A. G. Long, 1975
      - 2 Order †*Pullarithecales* Doweld, 1998, [*nom. subnud.*]
        - 1 Family †*Pullaritheceae* Doweld, 1998
          - 1 Genus †*Pullaritheca* Rothwell & Wight
        - 2 Family †*Calathiopsidaceae* *fam. nov.*
          - 1 Genus †*Calathiops* Göppert
        - 3 Family †*Austrocalycaceae* J. C. Vega & S. Archangelsky, 2001
        - 4 Family †*Gnetopsidaceae* *fam. nov.*
          - 1 Genus †*Gnetopsis* B. Renault & R. Zeiller
      - 3 Order †*Tetrastichiales* Nemejc, 1968
        - 1 Family †*Tetrastichiaceae* Nemejc, 1968
      - 2 Order †*Calamopityales* Nemejc, 1963, *Incertae sedis inter classis*
        - 1 Family †*Calamopityaceae* D. H. Scott, 1909
- 04[‘XIII’] Phylum †*Lyginopteridophyta* *phyl. nov.*
  - 1 Class †*Lyginopteridosida* Novák, 1961
    - 1 Order †*Lyginopteridales* V. Havlena, 1961, in J. Dvorák & B. Rzicka
      - 1 Family †*Physostomataceae* A. G. Long, 1975
      - 2 Family †*Lagenostomataceae* A. G. Long, 1975, *nom. cons. prop.*
        - 1 Genus †*Lyginopteris* H. Potonié
    - 2 Order †*Callistophytales* Rothwell, 1981
      - 1 Family †*Callistophytaceae* Stidd & J. W. Hall, 1970, *nom. cons. prop.*
      - 2 Family †*Cornucarpaceae* *fam. nov.*
        - 1 Genus †*Cornucarpus* E. A. N. Arber
    - 3 Order †*Hexapterospermales* *ord. nov.*
      - 1 Family †*Hexapterospermaceae* *nom. nov. et cons. prop.*
        - 1 Genus †*Hexapterospermum* Brongn.
      - 2 Family †*Colpospermaceae* *fam. nov.*
        - 1 Genus †*Colpospermum* B. Renault
- 05[‘XIV’] Phylum *Cycadophyta* Bessey, 1907
  - 1 Class †*Pachytetopsida* *cl. nov.*
    - 1 Order †*Codonospermales* *ord. nov.*
      - 1 Family †*Codonospermaceae* *fam. nov.*
        - 1 Genus †*Codonospermum* Brongn.
    - 2[‘1’] Order †*Pachytetales* *ord. nov.*
      - 1 Family †*Polylophospermaceae* *fam. nov.*
        - 1 Genus †*Polylophospermum* Brongn.
      - 2 Family †*Pachytetaceae* *fam. nov. et cons. prop.*
        - 1 Genus †*Pachyteta* Brongn.
      - 3 Family †*Stephanospermaceae* *fam. nov.*
        - 1 Genus †*Stephanospermum* Brongn.
  - 2 Class †*Phsmatocycadopsida* *cl. nov.*
    - 1 Order †*Gigantopteridales* Li Xingxue & Yao Zhaoqi, 1983
      - 1 Family †*Empleopteridaceae* R. H. Wagner, 1967
      - 2 Family †*Spermopteridaceae* *fam. nov.*
        - 1 Genus †*Spermopteris* A. A. Cridland & J. E. Morris
      - 3 Family †*Gigantopteridaceae* Koidzumi, 1936
    - 2 Order †*Phsmatocycadales* *ord. nov.*
      - 1 Family †*Phsmatocycadaceae* *fam. nov. et cons. prop.*
        - 1 Genus †*Phsmatocycas* Mamay
  - 3 Class *Cycadopsida* Brongn. 1843
    - A Subclass *Cycadidae* Pax, 1894, in Prantl

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Order *Cycadales* Dumort. 1829
  - 1 Family †*Crossozamiaceae* fam. nov.
    - 1 Genus †*Crossozamia* Pomel
  - 2 Family *Cycadaceae* Pers. 1807, *nom. cons.*
    - 1 Genus *Cycas* L.
- B Subclass *Zamiidae* subcl. nov.
  - 2 Order †*Nilsoniales* Darrah, 1960
    - 1 Family †*Nilsoniaceae* Zimmerm. 1959
  - 3 Order *Dioales* ord. et stat. nov.
    - 1 Family *Dioaceae* fam. et stat. nov.
      - 1 Genus *Dioon* Lindl.
  - 4 Order *Stangeriales* ord. nov.
    - 1 Family *Stangeriaceae* A. Schenk, 1880, in K. A. Zittel
      - 1 Genus *Stangeria* T. Moore
  - 5 Order *Zamiales* Burnett, 1835
    - 1 Family *Boweniaceae* D. W. Stevenson, 1981
    - 2 Family *Zamiaceae* Horan. 1834
      - 1 Genus *Zamia* L.
    - 3 Family *Encephalartaceae* A. Schenk, 1880, in K. A. Zittel
      - 1 Genus *Encephalartus* Lehm.
- 06[<sup>XV</sup>] Phylum †*Peltaspermophyta* phyl. nov.
  - 1 Class †*Peltaspermopsida* cl. nov.
    - 1 Order †*Trichopityales* ord. nov.
      - 1 Family †*Trichopityaceae* S. V. Meyen, 1987
        - 1 Genus †*Trichopitys* Saporta
      - 2 Family †*Psygmophyllaceae* Zalesky, 1937
    - 2 Order †*Peltaspermales* T. N. Taylor, 1981
      - 1 Family †*Autuniaceae* fam. nov.
        - 1 Genus †*Autunia* Krasser
      - 2 Family †*Peltaspermaceae* Pilg. & Melchior, 1954, in Melchior & Werdermann, *nom. cons. prop.*
        - 1 Genus †*Peltaspermum* T. M. Harris
    - 3 Order †*Sporophyllitales* ord. nov.
      - 1 Family †*Sporophyllitaceae* fam. nov.
        - 1 Genus †*Sporophyllites* Fefilova
      - 2 Family †*Leuthardtiaceae* fam. nov.
        - 1 Genus †*Leuthardtia* Kräusel & Schaarschmidt
    - 4 Order †*Umkomasiales* ord. nov.
      - 1 Family †*Umkomasiaceae* Petriella, 1981, *nom. cons. prop.*
        - 1 Genus †*Umkomasia* H. H. Thomas
      - 2 Family †*Angaropeltidaceae* fam. et nom. nov.
        - 1 Genus †*Angaropeltis* nom. nov.
          - 1 Species †*Angaropeltis piniforme* (M. F. Neuburg) Doweld, *comb. nov.*
          - 2 Species †*Angaropeltis sentjakense* (Esaulova) Doweld, *comb. nov.*
  - 2 Class †*Arberioipsida* cl. nov.
    - 1 Order †*Dicranophyllales* Archangelsky & Cúneo, 1990
      - 1 Family †*Dicranophyllaceae* Archangelsky & Cúneo, 1990
    - 2 Order †*Vojnovskyales* M. F. Neuburg ex Emberger, 1968
      - 1 Family †*Vojnovskyaceae* M. F. Neuburg, 1963, in Yu. A. Orlov
      - 2 Family †*Rufloiriaceae* Ladrán ex S. V. Meyen, 1987
    - 3 Order †*Arberiales* S. V. Meyen, 1984
      - 1 Family †*Arberiaceae* Rigby, 1972, *nom. cons. prop.*
        - 1 Genus †*Arberia* D. White
  - 2["] Family †*Schmeissneriaceae* Zhiyan Zhou, 2000, *Incertae sedis inter classis*
  - 3 Class †*Dictyopteridiopsida* cl. nov.
    - 1 Order †*Dictyopteridiales* McLoughlin ex Doweld, ord. nov.
      - 1 Family †*Dictyopteridiaceae* Rigby, 1978
        - 1 Genus †*Dictyopteridium* O. Feistmantel ex R. Zeiller
    - 1["] Family †*Breyteniaceae* fam. nov., *Incertae sedis inter ordinis*
      - 1 Genus †*Breytenia* R. Melville
    - 2 Order †*Rigbyales* ord. nov.
      - 1 Family †*Rigbyaceae* J. M. Anderson & H. M. Anderson, 1985, *nom. cons. prop.*
        - 1 Genus †*Rigbya* Lacey, Dijk & Gordon-Gray
    - 3 Order †*Lidgettoniales* ord. nov.
      - 1 Family †*Lidgettoniaceae* J. M. Anderson & H. M. Anderson, 1985
        - 1 Genus †*Lidgettonia* H. H. Thomas
      - 2 Family †*Parthaceae* fam. nov.
        - 1 Genus †*Partha* Surange & Chandra
      - 3 Family †*Denkaniaceae* fam. nov.
        - 1 Genus †*Denkania* Surange & Chandra
  - 4 Class †*Pentoxyllopsida* D. D. Pant ex Doweld, cl. nov.
    - 1 Order †*Pentoxylales* Pilg. & Melchior, 1954, in Melchior & Werdermann
      - 1 Family †*Pentoxylaceae* Pilg. & Melchior, 1954





*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Order *Hydropeltidales* Spenn. 1834
  - 1 Family *Hydropeltidaceae* Dumort. 1822
  - 2 Family *Cabombaceae* A. Rich. 1822, *in Bory, nom. cons.*
- 2 Order *Euryalales* H. L. Li, 1955
  - 1 Family *Euryalaceae* J. Agardh, 1858
- 3 Order *Nymphaeales* Dumort. 1829
  - 1 Family *Nymphaeaceae* Salisb. 1805, *nom. cons.*
  - 2 Family *Nupharaceae* A. Kern. 1891
- 4 Order *Barclayales* *ord. nov.*
  - 1 Family *Barclayaceae* H. L. Li, 1955
  - 1 Genus *Barclaya* Wall.
- 02 Subclass *Winteridae* *subcl. nov.*
  - A Superorder *Winteranae* *superord. nov.*
    - 1 Order *Amborellales* Melik., A. Bobr. & Zaytzeva, 1999, *in Manitz & Hellwig*
      - 1 Family *Amborellaceae* Pichon, 1948, *nom. cons.*
    - 2 Order *Winterales* A.C. Sm. *ex* Reveal, 1993
      - 1 Family *Winteraceae* Lindl. 1830, *nom. cons.*
        - 1 Genus *Drimys*\* J. R. Forst. & G. Forst. *nom. cons.*
      - 2 Family *Takhtajaniaceae* (J.-F. Leroy) J.-F. Leroy, 1980
    - 3 Order *Canellales* Cronq. 1957
      - 1 Family *Canellaceae* Mart. 1832, *nom. cons.*
    - 4 Order *Austrobaileyales* Reveal, 1992
      - 1 Family *Austrobaileyaceae* Croiz. 1943, *nom. cons.*
  - B Superorder *Trimenianae* *superord. nov.*
    - 5 Order *Trimeniales* Doweld, 2000
      - 1 Family *Trimeniaceae* Gibbs, 1917, *nom. cons.*
        - 1 Genus *Trimenia* Seem.
  - C Superorder *Illicianae* *superord. nov.*
    - 1 Order *Illiciales* Hu *ex* Cronq. 1981
      - 1 Family *Illiciaceae* A. C. Sm. 1947, *nom. cons.*
        - 1 Genus *Illicium* L.
      - 2 Family *Schisandraceae* Blume, 1830, *nom. cons.*
- 03 Family †*Prisaceae* Retallack & Dilcher, 1981, *Incertae sedis inter subclassis*
- 04 Subclass *Magnoliidae* Novák *ex* Takht. 1967
  - A Superorder *Magnolianae* Takht. 1967
    - 1 Order *Magnoliales* Bromhead, 1838
      - 1 Family *Degeneriaceae* I. W. Bailey & A. C. Sm. 1942, *nom. cons.*
      - 2 Family *Magnoliaceae* Juss. 1789, *nom. cons.*
      - 3 Family *Liriodendraceae* F. A. Barkley, 1975
    - 2 Order *Myristicales* Thomé, 1877
      - 1 Family *Myristicaceae* R. Br. 1810, *nom. cons.*
  - B Superorder *Annonanae* *superord. nov.*
    - 3 Order *Annonales* Lindl. 1833
      - 1 Family *Annonaceae* Adans. 1763, *nom. cons.*
        - 1 Genus *Annona* L.
      - 2 Family *Monodoraceae* J. Agardh, 1858
    - 4 Order *Himantandrales* Doweld & Shevryyova, 1998
      - 1 Family *Himantandraceae* Diels, 1917, *nom. cons.*
    - 5 Order *Eupomatiales* Takht. *ex* Reveal, 1992
      - 1 Family *Eupomatiaceae* Endl. 1841, *nom. cons.*
  - C Superorder *Lauranae* Takht. 1997
    - 6 Order *Monimiales* Dumort. 1829
      - 1 Family *Hortoniaceae* A. C. Sm. 1971
      - 2 Family *Monimiaceae* Juss. 1809, *nom. cons.*
      - 3 Family *Atherospermataceae* R. Br. 1814, *in* Flinders
      - 4 Family *Gomortegaceae* Reiche, 1896, *nom. cons.*
    - 7 Order *Calycanthales* Mart. 1835
      - 1 Family *Calycanthaceae* Lindl. 1819, *nom. cons.*
      - 2 Family *Idiospermaceae* S. T. Blake, 1972
    - 8 Order *Laurales* Perleb, 1826
      - 1 Family *Hernandiaceae* Blume, 1826, *nom. cons.*
      - 2 Family *Lauraceae* Durande, 1782, *nom. cons.*
- 05 Subclass *Piperidae* Reveal, 1994
  - A Superorder *Chloranthanae* *superord. nov.*
    - 1 Order *Chloranthales* A. C. Sm. *ex* J.-F. Leroy, 1983
      - 1 Family *Chloranthaceae* R. Br. *ex* Sims, 1820, *nom. cons.*
        - 1 Genus *Chloranthus* Sw.
      - 2 Family *Hedyosmaceae* Caruel, 1881
  - B Superorder *Piperanae* Reveal, 1994
    - 2 Order *Piperales* Dumort. 1829
      - 1 Family *Saururaceae* Martynov, 1820, *nom. cons.*
      - 2 Family *Piperaceae* Batsch, 1786, *nom. cons.*

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 3 Family *Peperomiaceae* A. C. Sm. 1981
- 3 Order *Hydnorales* Takht. *ex* Reveal, 1992
  - 1 Family *Hydnoraceae* C. Agardh, 1821, *nom. cons.*
- C Superorder *Aristolochianae* *superord. nov.*
  - 4 Order *Asarales* Horan. 1847
    - 1 Family *Asaraceae* Vent. 1799
  - 5 Order *Lactoridales* Takht. *ex* Reveal, 1993
    - 1 Family *Lactoridaceae* Engler, 1888, *in* Engler & Prantl, *nom. cons.*
  - 6 Order *Aristolochiales* Dumort. 1829
    - 1 Family *Aristolochiaceae* Adans. 1763, *nom. cons.*
      - 1 Genus *Aristolochia* L.
- D Superorder *Rafflesianae* Thorne *ex* Reveal, 1996
  - 7 Order *Mitrastemonales* Makino, 1911
    - 1 Family *Mitrastemonaceae* Makino, 1911, *nom. cons.*
  - 8 Order *Rafflesiales* Oliv. 1895
    - 1 Family *Apodanthaceae* Takht. 1987
    - 2 Family *Rafflesiaceae* Dumort. 1829, *nom. cons.*
    - 3 Family *Cytinaceae* A. Rich. 1824, *in* Bory
- E Superorder *Balanophoranae* R. Dahlgren *ex* Reveal, 1992
  - 9 Order *Balanophorales* Dumort. 1829
    - 1 Family *Mystropetalaceae* J. D. Hook. 1853, *in* Lindl.
    - 2 Family *Hachetteaceae* Doweld, *fam. nov.*
      - 1 Genus *Hachettea* Baill.
    - 3 Family *Lophophytaceae* Bromhead, 1840
    - 4 Family *Sarcophytaceae* A. Kern. 1891
    - 5 Family *Scybaliaceae* A. Kern. 1891
    - 6 Family *Helosaceae* Bromhead, 1840
    - 7 Family *Langsdorffiaceae* Tiegh. *ex* Pilger, 1914, *in* Engler & Prantl
    - 8 Family *Balanophoraceae* L. C. Rich. 1822
- F Superorder *Eupteleanae* *superord. nov.*
  - 10 Order *Eupteleales* Hu *ex* Reveal, 1993
    - 1 Family *Eupteleaceae* K. Wilh. 1910, *nom. cons.*
      - 1 Genus *Euptelea* Sieb. & Zucc.
- G Superorder *Papaveranae* *superord. nov.*
  - 1 Order *Papaverales* Dumort. 1829
    - 1 Family *Platystemonaceae* Lilja, 1870
    - 2 Family *Papaveraceae* Adans. 1763, *nom. cons.*
      - 1 Genus *Papaver* L.
    - 3 Family *Pteridophyllaceae* Reveal & Hoogl. 1991
    - 4 Family *Hypecoaceae* H. Willkomm & J. M. Lange, 1880
    - 5 Family *Fumariaceae* DC. 1821, *nom. cons.*
- 06 Subclass *Ceratophyllidae* *subcl. nov.*
  - A Superorder *Ceratophyllanae* Reveal & Doweld
    - 1 Order *Ceratophyllales* Bisch. 1839
      - 1 Family *Ceratophyllaceae* S. F. Gray, 1821, *nom. cons.*
        - 1 Genus *Ceratophyllum* L.
- 07 Subclass *Ranunculidae* Takht. *ex* Reveal, 1992
  - A Superorder *Berberidanae* *superord. nov.*
    - 1 Order *Lardizabalales* Loconte, 1995, *in* D. W. Taylor & L. Hickey
      - 1 Family *Lardizabalaceae* R. Br. 1821, *nom. cons.*
      - 2 Family *Decaisneaceae* Loconte, 1995
      - 3 Family *Sargentodoxaceae* Stapf *ex* Hutch. 1926
      - 4 Family *Sinofranchetiaceae* Doweld, 2000
    - 2 Order *Berberidales* Dumort. 1829
      - 1 Family *Berberidaceae* Durande, 1782, *nom. cons.*
        - 1 Genus *Berberis* L.
      - 2 Family *Ranzaniaceae* (Terabayashi) Takht. 1994
      - 3 Family *Leonticaceae* Bercht. & J. Presl, 1820
      - 4 Family *Podophyllaceae* DC. 1817, *nom. cons.*
    - 3 Order *Nandinales* Doweld, 2000
      - 1 Family *Nandinaceae* Horan. 1834
    - 4 Order *Menispermiales* Bromhead, 1838
      - 1 Family *Menispermaceae* Juss. 1789, *nom. cons.*
  - B Superorder *Ranunculanae* Takht. *ex* Reveal, 1992
    - 5 Order *Circaeasterales* Takh. 1997
      - 1 Family *Kingdoniaceae* Airy Shaw, 1965
      - 2 Family *Circaeasteraceae* Hutch. 1926, *nom. cons.*
    - 6 Order *Ranunculales* Dumort. 1829
      - 1 Family *Nigellaceae* J. Agardh, 1858
      - 2 Family *Cimicifugaceae* Bromhead, 1840
      - 3 Family *Helleboraceae* Vest. 1818
      - 4 Family *Thalictraceae* Raf. 1815



*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 5 Family *Ranunculaceae* Adans. 1763, *nom. cons.*
- 7 Order *Hydrastidales* Takht. 1997
  - 1 Family *Hydrastidaceae* Martynov, 1820
- 8 Order *Glaucidiales* Takht. *ex* Reveal, 1992
  - 1 Family *Glaucidiaceae* Tamura, 1972
- 08 Subclass *Hamamelididae* Takht. 1967, *emend.* Doweld
  - A Superorder *Trochodendranae* Takht. *ex* Reveal, 1996
    - 1 Order *Trochodendrales* Cronq. 1981
      - 1 Family *Trochodendraceae* Eichler, 1865, *nom. cons.*
      - 2 Family *Tetracentraceae* A. C. Sm. 1945, *nom. cons.*
    - B Superorder *Proteanae* Takht. 1967
      - 2 Order *Platanales* J. H. Schaffn. 1911
        - 1 Family *Platanaceae* T. Lestib. 1826, *nom. cons.*
      - 3 Order *Proteales* Dumort. 1829
        - 1 Family *Proteaceae* Juss. 1789, *nom. cons.*
    - C Superorder *Nelumbonanae* Takht. *ex* Reveal, 1992
      - 4 Order *Nelumbonales* H. Willkomm & J. M. Lange, 1861
        - 1 Family *Nelumbonaceae* Dumort. 1829, *nom. cons.*
      - D Superorder *Sabianae* *superord. nov.*
        - 5 Order *Sabiales* Takht. 1997
          - 1 Family *Sabiaceae* Blume, 1851, *nom. cons.*
          - 1 Genus *Sabia* Colebrooke
        - E Superorder *Hamamelidanae* Takht. 1967
          - 6 Order *Cercidiphyllales* Hu *ex* Reveal, 1993
            - 1 Family *Cercidiphyllaceae* Engler, 1907, *nom. cons.*
          - 7 Order *Altingiales* Doweld, 1998
            - 1 Family *Exbucklandiaceae* Reveal & Doweld, 1999
            - 2 Family *Rhodoleiaceae* Nakai, 1943
            - 3 Family *Altingiaceae* Horan. 1843, *nom. cons.*
          - 8 Order *Hamamelidales* Griseb. 1854
            - 1 Family *Hamamelidaceae* R. Br. 1818, *in* Tuckey, *nom. cons.*
        - F Superorder *Daphniphyllanae* Takht. 1997
          - 9 Order *Daphniphyllales* Cronq. 1981
            - 1 Family *Daphniphyllaceae* Müll.-Arg. 1869, *in* DC., *nom. cons.*
        - G Superorder *Paeonianae* *superord. nov.*
          - 10 Order *Paeoniales* Heintze, 1927
            - 1 Family *Paeoniaceae* Raf. 1815, *nom. cons.*
            - 1 Genus *Paeonia* L.
        - H Superorder *Saxifraganae* Reveal, 1994
          - 11 Order *Saxifragales* Dumort. 1829
            - 1 Family *Saxifragaceae* Durande, 1782, *nom. cons.*
          - 12 Order *Crassulales* Lindl. 1833
            - 1 Family *Crassulaceae* Jaume St.-Hil. 1805, *nom. cons.*
          - 13 Order *Haloragales* Bromhead, 1838
            - 1 Family *Aphanopetalaceae* *fam. nov.*
            - 1 Genus *Aphanopetalum* Endl.
            - 2 Family *Penthoraceae* Rydb. *ex* Britt. 1901, *nom. cons.*
            - 3 Family *Tetracarpaeaceae* Nakai, 1943
            - 4 Family *Haloragaceae* R. Br. 1814, *in* Flinders, *nom. cons.*
          - 14 Order *Iteales* *ord. nov.*
            - 1 Family *Iteaceae* J. Agardh, 1858, *nom. cons.*
            - 1 Genus *Itea* L.
            - 2 Family *Pterostemonaceae* Small, 1905, *in* Britt., *nom. cons.*
          - 15 Order *Grossulariales* Lindl. 1833
            - 1 Family *Grossulariaceae* DC. 1805, *in* Lam. & DC., *nom. cons.*
        - I Superorder *Dillenianae* Takht. *ex* Doweld, *superord. nov.*
          - 16 Order *Dilleniales* Hutch. 1924
            - 1 Family *Dilleniaceae* Salisb. 1807
            - 1 Genus *Dillenia* L.
          - 17 Order *Berberidopsidales* *ord. nov.*
            - 1 Family *Berberidopsidaceae* Takht. 1985
            - 1 Genus *Berberidopsis* J. D. Hook.
            - 2 Family *Aextoxicaceae* Engler & Gilg, 1920, *nom. cons.*
        - J Superorder *Vitanae* Takht. *ex* Reveal, 1992
          - 18 Order *Vitales* Reveal, 1996
            - 1 Family *Vitaceae* Durande, 1782, *nom. cons.*
            - 2 Family *Leeaceae* Dumort. 1829, *nom. cons.*
        - K Superorder *Buxanae* Reveal & Doweld, 1999
          - 19 Order *Buxales* Takht. *ex* Reveal, 1996
            - 1 Family *Buxaceae* Dumort. 1822, *nom. cons.*
            - 2 Family *Didymelaceae* Leandri, 1937, *nom. cons.*
        - L Superorder *Myrothamnanae* Takht. 1997

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 20 Order *Myrothamniales* Nakai *ex* Reveal, 1993
  - 1 Family *Myrothamnaceae* Niedenzu, 1891, *in* Engler & Prantl, *nom. cons.*
- 21 Order *Gunnerales* Takht. *ex* Reveal, 1992
  - 1 Family *Gunneraceae* Meisn. 1842, *nom. cons.*
- M Superorder *Santalanae* Thorne *ex* Reveal, 1992
  - 22 Order *Medusandrales* Brenan, 1952
    - 1 Family *Medusandraceae* Brenan, 1952, *nom. cons.*
  - 23 Order *Santalales* Dumort. 1829
    - 1 Family *Olacaceae* R. Br. 1818, *in* Tuckey, *nom. cons.*
    - 2 Family *Opiliaceae* (Benth.) Valetton, 1886, *nom. cons.*
    - 3 Family *Aptandraceae* Miers, 1853, *in* Lindley
    - 4 Family *Octoknemaceae* Soler. 1908, *nom. cons.*
    - 5 Family *Santalaceae* R. Br. 1810, *nom. cons.*
    - 6 Family *Misodendraceae* J. Agardh, 1858
    - 7 Family *Loranthaceae* Juss. 1808
    - 8 Family *Viscaceae* Batsch, 1802
    - 9 Family *Eremolepidaceae* Nakai, 1952
- 09 Subclass *Myrtidae* J. H. Schaffn. 1911
  - A Superorder *Myrtanae* Takht. 1967
    - 1 Order *Myrtales* Reichenb. f. 1828
      - 01 Family *Alzateaceae* S. A. Graham, 1985
      - 02 Family *Rhynchocalycaceae* L. A. S. Johnson & B. G. Briggs, 1985
      - 03 Family *Penaecaceae* Sweet *ex* Guill. 1828, *in* Bory, *nom. cons.*
      - 04 Family *Oliniaceae* Endl. 1840, *nom. cons.*
      - 05 Family *Combretaceae* R. Br. 1810, *nom. cons.*
      - 06 Family *Crypteroniaceae* A. DC. 1868, *nom. cons.*
      - 07 Family *Memecylaceae* DC. *ex* Schldtl. 1827
      - 08 Family *Melastomataceae* Juss. 1789, *nom. cons.*
      - 09 Family *Lythraceae* Jaume St.-Hil. 1805, *nom. cons.*
      - 10 Family *Punicaceae* Horan. 1834, *nom. cons.*
      - 11 Family *Duabangaceae* Takht. 1986
      - 12 Family *Sonneratiaceae* Engler, 1897, *in* Engler & Prantl, *nom. cons.*
      - 13 Family *Onagraceae* Adans. 1763, *nom. cons.*
      - 14 Family *Trapaceae* Dumort. 1829, *nom. cons.*
      - 15 Family *Psiloxylaceae* Croiz. 1960
      - 16 Family *Heteropyxidaceae* Engler & Gilg, 1920, *nom. cons.*
      - 17 Family *Myrtaceae* Adans. 1763, *nom. cons.*
    - 2 Order *Vochysiales* Dumort. 1829
      - 1 Family *Vochysiaceae* A. St.-Hil. 1820, *nom. cons.*
  - B Superorder *Celastranae* Takht. 1967
    - 3 Order *Huales* *ord. nov.*
      - 1 Family *Huaceae* A. Chev. 1947
        - 1 Genus *Hua* Pierre & De Wild.
    - 4 Order *Celastrales* Baskerville, 1839
      - 1 Family *Celastraceae* R. Br. 1814, *in* Flinders
    - 5 Order *Parnassiales* Nakai, 1943
      - 1 Family *Lepidobotryaceae* J. Léonard, 1950, *nom. cons.*
      - 2 Family *Parnassiaceae* Martynov, 1820, *nom. cons.*
  - C Superorder *Oxalidanae* *superord. nov.*
    - 6 Order *Oxalidales* Heintze, 1927
      - 1 Family *Connaraceae* R. Br. 1818, *in* Tuckey, *nom. cons.*
      - 2 Family *Oxalidaceae* R. Br. 1818, *in* Tuckey, *nom. cons.*
        - 1 Genus *Oxalis* L.
    - 7 Order *Cephalotales* Nakai, 1943
      - 1 Family *Brunelliaceae* Engler, 1897, *in* Engler & Prantl, *nom. cons.*
      - 2 Family *Cephalotaceae* Dumort. 1829, *nom. cons.*
    - 8 Order *Cunoniales* Hutch. 1924
      - 1 Family *Spiraeanthemaceae* *fam. nov.*
        - 1 Genus *Spiraeanthemum* A. Gray
      - 2 Family *Cunoniaceae* R. Br. 1814, *in* Flinders
      - 3 Family *Eucryphiaceae* Endl. 1841
    - 9 Order *Elaeocarpales* Takht. 1997
      - 1 Family *Elaeocarpaceae* DC. 1816, *nom. cons.*
  - D Superorder *Euphorbianaes* Takht. *ex* Reveal, 1992
    - 10 Order *Rhizophorales* Reveal & Doweld, 1999
      - 1 Family *Ixonanthaceae* Miq. 1858, *nom. cons.*
      - 2 Family *Erythroxylaceae* C. Kunth, 1822, *in* HBK., *nom. cons.*
      - 3 Family *Rhizophoraceae* Persoon, 1807, *nom. cons.*
    - 11 Order *Linales* Baskerville, 1839
      - 1 Family *Hugoniaceae* Arn. 1834, *in* R. Wight & Arn.
      - 2 Family *Linaceae* Perleb, 1818, *nom. cons.*
      - 3 Family *Pseudanthaceae* Endl. 1839

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 4 Family *Bischofiaceae* Airy Shaw, 1965
- 5 Family *Antidesmataceae* Loud. 1830, *nom. cons. prop.*
- 6 Family *Picrodendraceae* Small, 1917, *nom. cons.*
- 7 Family *Hymenocardiaceae* Airy Shaw, 1965
- 12 Order *Irvingiales* *ord. nov.*
  - 1 Family *Irvingiaceae* Exell & Mendonça, 1951, *in Carrisso, nom. cons.*
    - 1 Genus *Irvingia* J. W. Hook.
  - 2 Family *Putranjivaceae* Endl. 1841
- 13 Order *Euphorbiales* Lindl. 1833
  - 1 Family *Porantheraceae* (Pax) Hurus. 1954
  - 2 Family *Peraceae* Klotzsch, 1859
  - 3 Family *Cheilosaceae* *fam. nov.*
    - 1 Genus *Cheilosa* Blume
  - 4 Family *Ricinaceae* Martynov, 1820
  - 5 Family *Euphorbiaceae* J. F. Gmel. 1777, *nom. cons.*
- E Superorder *Violanae* R. Dahlgren *ex* Reveal, 1992
  - 14 Order *Pandales* Engler & Gilg, 1913
    - 1 Family *Humiriaceae* A. Juss. 1829, *nom. cons.*
    - 2 Family *Lophopyxidaceae* H. Pfeif. 1951
    - 3 Family *Pandaceae* Engler & Gilg, 1913, *nom. cons.*
  - 15 Order *Malpighiales* Mart. 1835
    - 1 Family *Malpighiaceae* Durande, 1782, *nom. cons.*
    - 2 Family *Peridiscaceae* Kuhl. 1950, *nom. cons.*
  - 16 Order *Passiflorales* Dumort. 1829
    - 1 Family *Passifloraceae* Roussel, 1806, *nom. cons.*
    - 2 Family *Turneraceae* DC. 1828, *nom. cons.*
    - 3 Family *Malesherbiaceae* D. Don, 1827, *nom. cons.*
  - 17 Order *Salicales* Lindl. 1833
    - 1 Family *Salicaceae* Mirb. 1815, *nom. cons.*
    - 2 Family *Poliothyrsidaceae* (Fan) Doweld, *fam. et stat. nov.*
      - 1 Genus *Poliothyrsis* Oliv.
    - 3 Family *Flacourtiaceae* A. Rich. 1815, *nom. cons.*
    - 4 Family *Samydaceae* Vent. 1808, *nom. cons.*
    - 5 Family *Prockiaceae* Bertuch, 1801
    - 6 Family *Homaliaceae* R. Br. 1818, *in* Tuckey
    - 7 Family *Scyphostegiaceae* Hutch. 1926, *nom. cons.*
  - 18 Order *Violales* Perleb, 1826
    - 1 Family *Achariaceae* Harms, 1897, *in* Engler & Prantl, *nom. cons.*
    - 2 Family *Erythrospermaceae* (DC.) Doweld, *fam. et stat. nov.*
      - 1 Genus *Erythrospermum* Lam.
    - 3 Family *Ctenolophonaceae* Exell & Mendonça, 1951, *in* Carrisso
    - 4 Family *Lacistemataceae* Mart. 1826, *nom. cons.*
    - 5 Family *Goupiaceae* Miers, 1862
    - 6 Family *Violaceae* Batsch, 1802, *nom. cons.*
  - F Superorder *Ochnanae* *superord. nov.*
    - 19 Order *Chrysobalanales* Reveal & Doweld, 1999
      - 1 Family *Trigoniaceae* Endl. 1841, *nom. cons.*
      - 2 Family *Dichapetalaceae* Baill. 1886, *in* Mart., *nom. cons.*
      - 3 Family *Euphroniaceae* Marcano-Berti, 1989
      - 4 Family *Chrysobalanaceae* R. Br. 1818, *in* Tuckey, *nom. cons.*
    - 20 Order *Balanopales* Engler, 1897, *in* Engler & Prantl
      - 1 Family *Balanopaceae* Benth. & J. W. Hook. 1880
    - 21 Order *Phyllanthales* *ord. nov.*
      - 1 Family *Phyllanthaceae* Martynov, 1820
        - 1 Genus *Phyllanthus* L.
      - 2 Family *Caryocaraceae* Voigt, 1845, *nom. cons.*
    - 22 Order *Medusagynales* Reveal & Doweld, 1999
      - 1 Family *Medusagynaceae* Engler & Gilg, 1924, *nom. cons.*
      - 2 Family *Quiinaceae* Engler, 1888, *in* Mart., *nom. cons.*
    - 23 Order *Ochnales* Reveal, 1992
      - 1 Family *Sauvagesiaceae* Dumort. 1829
      - 2 Family *Ochnaceae* DC. 1811, *nom. cons.*
        - 1 Genus *Ochna* L.
      - 3 Family *Lophiraceae* Loud. 1830
    - 24 Order *Elatiniales* Nakai, 1949
      - 1 Family *Elatinaceae* Dumort. 1829, *nom. cons.*
    - 25 Order *Hypericales* Dumort. 1829
      - 1 Family *Clusiaceae* Lindl. 1836, *nom. cons.*
      - 2 Family *Bonnetiaceae* Nakai, 1948
      - 3 Family *Hypericaceae* Durande, 1782, *nom. cons.*
    - 26 Order *Podostemales* Lindl. 1833
      - 1 Family *Podostemaceae* C. Kunth, 1816, *in* HBK., *nom. cons.*

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 10 Subclass *Rutidae* *subcl. et stat. nov.*  
A Superorder *Crossosomatanae* *superord. nov.*  
1 Order *Crossosomatales* Takht. *ex* Reveal, 1993  
1 Family *Staphyleaceae* Martynov, 1820, *nom. cons.*  
2 Family *Stachyuraceae* J. Agardh, 1858  
3 Family *Crossosomataceae* Engler, 1897, *in* Engler & Prantl, *nom. cons.*  
1 Genus *Crossosoma* Nutt.  
2 Order *Ixerbales* *ord. nov.*  
1 Family *Strasburgeriaceae* Soler. 1908, *nom. cons.*  
2 Family *Ixerbaceae* Griseb. 1854  
1 Genus *Ixerba* A. Cunn.  
3 Family *Aphloiaceae* Takht. 1985  
3 Order *Geissolomatales* Takht. *ex* Reveal, 1992  
1 Family *Geissolomataceae* Endl. 1841  
B Superorder *Sapindanae* *superord. nov.*  
4 Order *Sapindales* Dumort. 1829  
1 Family *Kirkiaceae* Takht. *ex* Doweld, *fam. nov.*  
1 Genus *Kirkia* Oliv.  
2 Family *Dodoniaeaceae* Link, 1831, *nom. cons.*  
3 Family *Aceraceae* Durande, 1782, *nom. cons.*  
4 Family *Hippocastanaceae* A. Rich. 1823, *nom. cons.*  
5 Family *Sapindaceae* Juss. 1789, *nom. cons.*  
1 Genus *Sapindus* L.  
C Superorder *Burseranae* *superord. nov.*  
5 Order *Burserales* Baskerville, 1839  
1 Family *Burseraceae* C. Kunth, 1824, *nom. cons.*  
1 Genus *Bursera* L.  
2 Family *Anacardiaceae* R. Br. 1818, *in* Tuckey, *nom. cons.*  
3 Family *Podaceae* Franch. 1889  
6 Order *Nitrariales* *ord. nov.*  
1 Family *Peganaceae* Takht. *ex* Doweld, *fam. nov.*  
1 Genus *Peganum* L.  
2 Family *Nitrariaceae* Bercht. & J. Presl, 1820  
1 Genus *Nitraria* L.  
3 Family *Tetradiclidaceae* Takht. *ex* Doweld, *fam. nov.*  
1 Genus *Tetradiclis* Stev. *ex* M. Bieb.  
D Superorder *Rutanae* Takht. 1967  
7 Order *Rutales* Perleb, 1826  
1 Family *Rutaceae* Durande, 1782, *nom. cons.*  
1 Genus *Ruta* L.  
2 Family *Spatheliaceae* J. Agardh, 1858  
3 Family *Cneoraceae* Vest, 1818, *nom. cons.*  
8 Order *Meliales* Lindl. 1833  
1 Family *Tepuianthaceae* Maguire & Steyerm. 1981  
2 Family *Paivaeusaceae* Meeuse, 1990  
3 Family *Cedrelaceae* R. Br. 1814, *in* Flinders  
4 Family *Meliaceae* Juss. 1789, *nom. cons.*  
5 Family *Simaroubaceae* DC. 1811, *nom. cons.*  
6 Family *Leitneriaceae* Benth. & J. D. Hook. 1880  
E Superorder *Capparanae* Reveal, 1994  
09 Order *Akaniales* Doweld, 2000  
1 Family *Bretschneideraceae* Engler & Gilg, 1924, *nom. cons.*  
2 Family *Akaniaceae* Stapf, 1912, *nom. cons.*  
10 Order *Tropaeolales* Takht. *ex* Reveal, 1992  
1 Family *Tropaeolaceae* DC. 1824, *nom. cons.*  
11 Order *Moringales* Nakai, 1943  
1 Family *Caricaceae* Dumort. 1829, *nom. cons.*  
2 Family *Moringaceae* Martynov, 1820, *nom. cons.*  
12 Order *Huerteales* *ord. nov.*  
1 Family *Dipentodontaceae* Merr. 1941, *nom. cons.*  
2 Family *Huerteaceae* Doweld, 2000  
1 Genus *Huerta* Ruíz *et* Pav.  
13 Order *Limnanthales* Nakai, 1930  
1 Family *Limnanthaceae* R. Br. 1833, *nom. cons.*  
2 Family *Setchellanthaceae* Iltis, 1999  
14 Order *Batales* Engler, 1907  
1 Family *Koerberliniaceae* Engler, 1895, *in* Engler & Prantl, *nom. cons.*  
2 Family *Bataceae* Perleb, 1838, *nom. cons.*  
3 Family *Salvadoraceae* Lindl. 1836, *nom. cons.*  
4 Family *Koerberliniaceae* Engler, 1895, *in* Engler & Prantl, *nom. cons.*  
15 Order *Tovariales* Nakai, 1943  
1 Family *Tovariaceae* Pax, 1891, *in* Engler & Prantl, *nom. cons.*

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 2 Family *Oxystylidaceae* Hutch. 1969
- 3 Family *Pentadiplandraceae* Hutch. & Dalziel, 1928
- 16 Order *Resedales* Dumort. 1829
  - 1 Family *Gyrostemonaceae* Endl. 1841
  - 2 Family *Resedaceae* S. F. Gray, 1821, *nom. cons.*
  - 3 Family *Brassicaceae* Burnett, 1835, *nom. cons.*
  - 4 Family *Capparaceae* Adans. 1763, *nom. cons.*
- F Superorder *Malvanae* Takht. 1967
  - 17 Order *Neuradales* *ord. nov.*
    - 1 Family *Neuradaceae* Link, 1831, *nom. cons.*
      - 1 Genus *Neurada* L.
  - 18 Order *Cistales* Reichenb. f. 1828
    - 1 Family *Muntingiaceae* C. Bayer, Chase & Fay, 1998
    - 2 Family *Cistaceae* Adans. 1763, *nom. cons.*
    - 3 Family *Dipterocarpaceae* Blume, 1825
    - 4 Family *Monotaceae* Takht. *ex Doweld, fam. nov.*
      - 1 Genus *Monotes* A. DC.
    - 5 Family *Sarcolaenaceae* Caruel, 1881, *nom. cons.*
  - 19 Order *Bixales* Lindl. 1833
    - 1 Family *Bixaceae* C. Kunth, 1822, *nom. cons.*
    - 2 Family *Diegodendraceae* Capuron, 1964
    - 3 Family *Cochlospermaceae* Planch. 1847
    - 4 Family *Sphaerosepalaceae* Bullock, 1959
  - 20 Order *Malvales* Dumort. 1829
    - 1 Family *Byttneriaceae* R. Br. 1814, *in Flinders, nom. cons. prop.*
    - 2 Family *Tiliaceae* Adans. 1763, *nom. cons.*
    - 3 Family *Helicteraceae* J. Agardh, 1858
    - 4 Family *Berryaceae* *fam. nov.*
      - 1 Genus *Berrya* Roxb.
    - 5 Family *Sterculiaceae* DC. 1816, *nom. cons.*
    - 6 Family *Dombeyaceae* Desf. 1829
    - 7 Family *Malvaceae* Adans. 1763, *nom. cons.*
  - 21 Order *Thymelaeales* Willk. 1854
    - 1 Family *Thymelaeaceae* Adans. 1763, *nom. cons.*
    - 2 Family *Gonystylaceae* Tiegh. 1896, *nom. cons.*
- G Superorder *Geranianae* Thorne *ex Reveal, 1992*
  - 22 Order *Meliantales* Doweld, 2001
    - 1 Family *Melianthaceae* Link, 1831, *nom. cons.*
    - 2 Family *Bersamaceae* Doweld, 2001
  - 23 Order *Francoales* Takht. 1997
    - 1 Family *Greyiaceae* Hutch. 1926, *nom. cons.*
    - 2 Family *Francoaceae* A. Juss. 1832, *nom. cons.*
  - 24 Order *Ledocarpales* *ord. nov.*
    - 1 Family *Vivianiaceae* Klotzsch, 1836
    - 2 Family *Ledocarpaceae* Meyen, 1834
      - 1 Genus *Ledocarpon* Desf.
    - 3 Family *Rhynchothecaceae* Endl. 1841
  - 25 Order *Biebersteiniales* Takht. 1997
    - 1 Family *Biebersteiniaceae* Endl. 1841
  - 26 Order *Geraniales* Dumort. 1829
    - 1 Family *Hypseocharitaceae* Wedd. 1861
    - 2 Family *Geraniaceae* Adans. 1763, *nom. cons.*
- 11 Subclass *Rosidae* Takht. 1967
  - A Superorder *Zygophyllanae* *superord. nov.*
    - 1 Order *Picramniales* *ord. nov.*
      - 1 Family *Picramniaceae* Fernando & Quinn, 1995
        - 1 Genus *Picramnia* Sweet
    - 2 Order *Zygophyllales* Chalkuziev, 1990
      - 1 Family *Krameriaceae* Dumort. 1829, *nom. cons.*
      - 2 Family *Zygophyllaceae* R. Br. 1814, *in Flinders, nom. cons.*
        - 1 Genus *Zygophyllum* L.
      - 3 Family *Balanitaceae* Endl. 1841
  - B Superorder *Polygalanae* *superord. nov.*
    - 3 Order *Polygalales* Dumort. 1829
      - 1 Family *Polygalaceae* Hoffmannsegg & Link, 1809, *nom. cons.*
        - 1 Genus *Polygala* L.
      - 2 Family *Xanthophyllaceae* Reveal & Hoogl. 1990
    - 4 Order *Surianales* *ord. nov.*
      - 1 Family *Surianaceae* Arn. 1834, *in R. Wight & Arn.*
        - 1 Genus *Suriana* L.
    - 5 Order *Quillajales* *ord. nov.*
      - 1 Family *Quillajaceae* D. Don, 1831

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Genus *Quillaja* Molina
- C Superorder *Fabanae* R. Dahlgren *ex* Reveal, 1993
  - 6 Order *Fabales* Bromhead, 1838
    - 1 Family *Caesalpinaceae* R. Br. 1814, *in* Flinders, *nom. cons.*
    - 2 Family *Mimosaceae* R. Br. 1814, *nom. cons.*
    - 3 Family *Swartziaceae* Bartl. 1830
    - 4 Family *Fabaceae* Lindl. 1836, *nom. cons.*
- D Superorder *Cucurbitanae* Reveal, 1994
  - 7 Order *Cucurbitales* Dumort. 1829
    - 1 Family *Cucurbitaceae* Durande, 1782, *nom. cons.*
- E Superorder *Begoniae* *superord. nov.*
  - 8 Order *Anisophylleales* Reveal & Doweld, 1999
    - 1 Family *Anisophylleaceae* Ridl. 1922
  - 9 Order *Begoniales* Dumort. 1829
    - 1 Family *Tetramelaceae* Airy Shaw, 1965
    - 2 Family *Datisceae* Lindl. 1830, *nom. cons.*
    - 3 Family *Begoniaceae* C. Agardh, 1824, *nom. cons.*
      - 1 Genus *Begonia* L.
- F Superorder *Corynocarpanae* Takht. 1997
  - 10 Order *Coriariales* Lindl. 1833
    - 1 Family *Coriariaceae* DC. 1824, *nom. cons.*
    - 2 Family *Corynocarpaceae* Engler, 1897, *in* Engler & Prantl, *nom. cons.*
- G Superorder *Rosanae* Takht. 1967
  - 11 Order *Rosales* Perleb, 1826
    - 1 Family *Rosaceae* Adans. 1763, *nom. cons.*
    - 2 Family *Amygdalaceae* Marquis, 1820, *nom. cons.*
    - 3 Family *Malaceae* Britt. 1903, *in* J. Small, *nom. cons.*
- H Superorder *Rhamnanae* Takht. *ex* Reveal, 1992
  - 12 Order *Rhamnales* Dumort. 1829
    - 1 Family *Rhamnaceae* Durande, 1782, *nom. cons.*
    - 2 Family *Dirachmaceae* Hutch. 1959
  - 13 Order *Elaeagnales* Bromhead, 1838
    - 1 Family *Elaeagnaceae* Adans. 1763, *nom. cons.*
  - 14 Order *Barbeyales* Takht. & Reveal, 1993
    - 1 Family *Barbeyaceae* Rendle, 1916, *in* Oliver, *nom. cons.*
- I Superorder *Urticanae* R. Dahlgren *ex* Reveal, 1993
  - 15 Order *Ulmales* Lindl. 1833
    - 1 Family *Ulmaceae* Mirb. 1815, *nom. cons.*
  - 16 Order *Urticales* Dumort. 1829
    - 1 Family *Urticaceae* Durande, 1782, *nom. cons.*
    - 2 Family *Cecropiaceae* C. C. Berg, 1978
  - 17 Order *Morales* *ord. et nom. nov.*
    - 1 Family *Celtidaceae* Link, 1831
    - 2 Family *Cannabaceae* Martynov, 1820
    - 3 Family *Moraceae* Link, 1831, *nom. cons.*
      - 1 Genus *Ficus* L.
- J Superorder *Faganae* Takht. 1997
  - 18 Order *Fagales* Engler, 1892
    - 1 Family *Fagaceae* Dumort. 1829, *nom. cons.*
- K Superorder *Casuarinanae* Reveal & Doweld, 1999
  - 19 Order *Nothofagales* *ord. nov.*
    - 1 Family *Nothofagaceae* Kuprian. 1962
      - 1 Genus *Nothofagus* Blume
  - 20 Order *Casuarinales* Lindl. 1833
    - 1 Family *Casuarinaceae* R. Br. 1814, *in* Flinders, *nom. cons.*
  - 21 Order *Corylales* Dumort. 1829
    - 1 Family *Corylaceae* Mirb. 1815, *nom. cons.*
  - 22 Order *Betulales* Bromhead, 1838
    - 1 Family *Ticodendraceae* Gómez-Laur. & L. D. Gómez, 1991
    - 2 Family *Betulaceae* S. F. Gray, 1821, *nom. cons.*
- L Superorder *Juglandanae* Takht. *ex* Reveal, 1992
  - 23 Order *Myricales* Engler, 1897
    - 1 Family *Myricaceae* C. Kunth, 1817, *in* HBK., *nom. cons.*
    - 2 Family *Canacomyricaceae* Doweld, 2000
  - 24 Order *Rhoipteleales* Novák *ex* Reveal, 1992
    - 1 Family *Rhoipteleaceae* Hand.-Mazz. 1932, *nom. cons.*
  - 25 Order *Juglandales* Dumort. 1829
    - 1 Family *Engelhardtaceae* Reveal & Doweld, 1999
    - 2 Family *Platycaryaceae* Doweld, 2000
    - 3 Family *Juglandaceae* Perleb, 1818, *nom. cons.*
- 12 Subclass *Caryophyllidae* Takht. 1967
  - A Superorder *Rhabdodendranae* *superord. nov.*

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Order *Rhabdodendrales* ord. nov.
  - 1 Family *Rhabdodendraceae* Prance, 1968
    - 1 Genus *Rhabdodendron* Gilg & Pilg. [footnote \*: Nutt.]
- B Superorder *Caryophyllanae* Takht. 1967
  - 2 Order *Phytolaccales* ord. nov.
    - 1 Family *Phytolaccaceae* Durande, 1782, *nom. cons.*
      - 1 Genus *Phytolacca* L.
    - 2 Family *Gisekiaceae* Nakai, 1942
    - 3 Family *Agdestidaceae* Nakai, 1942
    - 4 Family *Barbeuiaceae* Nakai 1942
    - 5 Family *Sarcobataceae* Behnke, 1997
    - 6 Family *Petiveriaceae* C. Agardh, 1824
  - 3 Order *Nyctaginales* Dumort. 1829
    - 3a Suborder *Nyctaginineae* subord. et stat. nov.
      - 1 Family *Molluginaceae* Bartl. 1825, in Bartl. & Wendl., *nom. cons.*
      - 2 Family *Nyctaginaceae* Juss. 1789, *nom. cons.*
        - 1 Genus *Nyctago* Juss.
    - 3b Suborder *Aizoineae* subord. et stat. nov.
      - 1 Family *Aizoaceae* Martynov, 1820, *nom. cons.*
        - 1 Genus *Aizoon* L.
        - 2 Family *Sesuviaceae* Horan. 1834
        - 3 Family *Tetragoniaceae* Link, 1831, *nom. cons.*
  - 4 Order *Portulacales* Dumort. 1829
    - 4a Suborder *Portulacineae* Engler, 1898
      - 1 Family *Talinaceae* fam. et stat. nov.
        - 1 Genus *Talinum* Adans.
        - 2 Family *Portulacaceae* Adans. 1763, *nom. cons.*
        - 3 Family *Cactaceae* Durande, 1782, *nom. cons.*
    - 4b Suborder *Basellineae* subord. nov.
      - 1 Family *Montiaceae* Raf. 1820
      - 2 Family *Hectorellaceae* Philipson & Skipw. 1961
      - 3 Family *Basellaceae* Durande, 1782, *nom. cons.*
        - 1 Genus *Basella* L.
      - 4 Family *Halophytaceae* A. Soriano, 1984
      - 5 Family *Portulacariaceae* fam. et stat. nov.
        - 1 Genus *Portulacaria* Jacq.
      - 6 Family *Didiereaceae* Radlk. 1903, in Engler & Prantl, *nom. cons.*
  - 5 Order *Caryophyllales* Perleb, 1826
    - 5a Suborder *Stegnospermatineae* subord. et stat. nov.
      - 1 Family *Stegnospermataceae* Nakai, 1942
        - 1 Genus *Stegnosperma* Benth.
    - 5b Suborder *Caryophyllineae* Bessey, 1895, in C. K. Adams
      - 1 Family *Achatocarpaceae* Harms, 1934, in Engler & Prantl, *nom. cons.*
      - 2 Family *Caryophyllaceae* Durande, 1782, *nom. cons.*
    - 5c Suborder *Chenopodiineae* Engler, 1898
      - 1 Family *Amaranthaceae* Adans. 1763, *nom. cons.*
      - 2 Family *Chenopodiaceae* Vent. 1799, *nom. cons.*
  - C Superorder *Polygonanae* Takht. ex Reveal, 1992
    - 6 Order *Polygonales* Dumort. 1829
      - 1 Family *Polygonaceae* Durande, 1782, *nom. cons.*
    - 7 Order *Plumbaginales* Lindl. 1833
      - 1 Family *Plumbaginaceae* Durande, 1782, *nom. cons.*
    - 8 Order *Tamaricales* Hutch. 1924
      - 1 Family *Tamaricaceae* Link, 1821, *nom. cons.*
      - 2 Family *Frankeniaceae* Desvaux, 1817, in Gérardin & Desvaux, *nom. cons.*
  - D Superorder *Nepenthanae* Takht. ex Reveal, 1996
    - 09 Order *Ancistrocladales* Takht. ex Reveal, 1992
      - 1 Family *Ancistrocladaceae* Walp. 1851, *nom. cons.*
    - 10 Order *Dioncophyllales* Takht. ex Reveal, 1993
      - 1 Family *Dioncophyllaceae* Airy Shaw, 1952, *nom. cons.*
    - 11 Order *Nepenthales* Dumort. 1829
      - 1 Family *Nepenthaceae* Dumort. 1829, *nom. cons.*
    - 12 Order *Droserales* Griseb. 1854
      - 1 Family *Drosophyllaceae* Chrtek, Slavíková & Studnicka, 1989
      - 2 Family *Aldrovandaceae* Nakai, 1949
      - 3 Family *Droseraceae* Salisb. 1808
  - E Superorder *Simmondsianae* superord. nov.
    - 13 Order *Physenales* Takht. 1997
      - 1 Family *Physenaceae* Takht. 1985
      - 2 Family *Asteropeiaceae* Reveal & Hoogl. 1990
    - 14 Order *Simmondsiales* Reveal, 1992
      - 1 Family *Simmondsiaceae* Tiegh. 1899

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Genus *Simmondsia* Nutt.
- 13 Subclass *Theidae* *subcl. et nom. nov.*
  - A Superorder *Theanae* R. Dahlgren *ex Reveal*, 1993
    - 1 Order *Theales* Lindl. 1833
      - 1 Family *Theaceae* Ker-Gawler, 1825, *nom. cons.*
    - 2 Order *Lecythidales* Cronq. 1957
      - 1 Family *Barringtoniaceae* Rudolphi, 1830, *nom. cons.*
      - 2 Family *Lecythidaceae* A. Rich. 1825, *in Bory, nom. cons.*
      - 3 Family *Napoleonaceae* A. Rich. 1827, *in Bory*
      - 4 Family *Foetidiaceae* Airy Shaw, 1965
      - 5 Family *Asteranthaceae* R. Knuth, 1939, *in Engler, nom. cons.*
      - 6 Family *Scytopetalaceae* Engler, 1897, *in Engler & Prantl, nom. cons.*
  - B Superorder *Ericanae* Takht. 1967
    - 3 Order *Actinidiales* Takht. *ex Reveal*, 1993
      - 1 Family *Actinidiaceae* Gilg & Werderm. 1925, *in Engler & Prantl, nom. cons.*
    - 4 Order *Ericales* Dumort. 1829
      - 1 Family *Ericaceae* Durande, 1782, *nom. cons.*
    - 5 Order *Cyrillales* *ord. nov.*
      - 1 Family *Clethraceae* Klotzsch, 1851, *nom. cons.*
      - 2 Family *Cyrillaceae* Endl. 1841
        - 1 Genus *Cyrilla* L.
    - 6 Order *Roridulales* Nakai, 1943
      - 1 Family *Roridulaceae* Engler & Gilg, 1924, *nom. cons.*
    - 7 Order *Sarraceniales* Bromhead, 1838
      - 1 Family *Sarraceniaceae* Dumort. 1829, *nom. cons.*
  - C Superorder *Balsaminanae* *superord. nov.*
    - 08 Order *Marcgraviales* *ord. nov.*
      - 1 Family *Pentaphragmaceae* Engler, 1897, *in Engler & Prantl, nom. cons.*
      - 2 Family *Pellicieraceae* Bullock, 1959
      - 3 Family *Tetrameristaceae* Hutch. 1959
      - 4 Family *Marcgraviaceae* DC. 1816
        - 1 Genus *Marcgravia* L.
    - 09 Order *Balsaminales* Lindl. 1833
      - 1 Family *Balsaminaceae* A. Rich. 1822, *nom. cons.*
        - 1 Genus *Impatiens* L.
    - 10 Order *Fouquieriales* Takht. *ex Reveal*, 1992
      - 1 Family *Fouquieriaceae* DC. 1828
  - D Superorder *Diapensianae* *superord. nov.*
    - 11 Order *Sapotales* J. W. Hook. 1868, *in Harv.*
      - 1 Family *Sapotaceae* Durande, 1782, *nom. cons.*
    - 12 Order *Ternstroemiales* *ord. nov.*
      - 1 Family *Ternstroemiaceae* DC. 1816
        - 1 Genus *Ternstroemia* L.
      - 2 Family *Sladeniaceae* Airy Shaw, 1965
      - 3 Family *Symplocaceae* Desf. 1820, *nom. cons.*
    - 13 Order *Polemoniales* Bromhead, 1838
      - 1 Family *Polemoniaceae* Juss. 1789, *nom. cons.*
    - 14 Order *Diapensiales* Engl. & Gilg, 1924
      - 1 Family *Diapensiaceae* Lindl. 1836, *nom. cons.*
        - 1 Genus *Diapensia* L.
    - 15 Order *Styracales* Bisch. 1839
      - 1 Family *Styracaceae* DC. & Spreng. 1821, *in W. Jameson, nom. cons.*
      - 2 Family *Halesiaceae* D. Don, 1828
  - E Superorder *Primulanae* R. Dahlgren *ex Reveal*, 1996
    - 16 Order *Ebenales* Engler, 1892
      - 1 Family *Ebenaceae* Gürcke, 1891, *in Engler & Prantl, nom. cons.*
      - 2 Family *Lissocarpaceae* Gilg, 1924, *nom. cons.*
    - 17 Order *Primulales* Dumort. 1829
      - 1 Family *Maesaceae* Anderb. B. Stehl & Källersjö, 2000
      - 2 Family *Theophrastaceae* Link, 1829
      - 3 Family *Samolaceae* Raf. 1820
      - 4 Family *Primulaceae* Batsch, 1786, *nom. cons.*
      - 5 Family *Coridaceae* J. Agardh, 1858
      - 6 Family *Anagallidaceae* Adans. 1763
      - 7 Family *Myrsinaceae* R. Br. 1810, *nom. cons.*
- 14 Subclass *Lamiidae* Ehrend. *ex Reveal*, 1993
  - A Superorder *Gentiananae* Thorne *ex Reveal*, 1992
    - 1 Order *Gentianales* Lindl. 1833
      - 1 Family *Gelsemiaceae* Struwe & V. Albert, 1995
      - 2 Family *Loganiaceae* R. Br. 1814, *in Flinders, nom. cons.*
      - 3 Family *Strychnaceae* Perleb, 1818
      - 4 Family *Antoniaceae* Hutch. 1959



*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 5 Family *Spigeliaceae* Mart. 1827
- 6 Family *Emblingiaceae* Airy Shaw, 1965
- 7 Family *Gentianaceae* Durande, 1782, *nom. cons.*
- 8 Family *Saccifoliaceae* Maguire & Pires, 1978
- 9 Family *Geniostomaceae* Struwe & V. Albert, 1995
- 2 Order *Apocynales* Bromhead, 1838
  - 1 Family *Apocynaceae* Adans. 1763, *nom. cons.*
- 3 Order *Rubiales* Dumort. 1829
  - 1 Family *Rubiaceae* Durande, 1782, *nom. cons.*
  - 2 Family *Theligonaceae* Dumort. 1829, *nom. cons.*
- B Superorder *Solananae* R. Dahlgren *ex* Reveal, 1992
  - 4 Order *Sphenocleales* *ord. nov.*
    - 1 Family *Sphenocleaceae* Baskerville, 1839, *nom. cons.*
      - 1 Genus *Sphenoclea* Gaertn.
    - 2 Family *Montiniaceae* Nakai, 1943
  - 5 Order *Convolvulales* Dumort. 1829
    - 1 Family *Convolvulaceae* Durande, 1782, *nom. cons.*
  - 6 Order *Solanales* Dumort. 1829
    - 1 Family *Solanaceae* Adans. 1763, *nom. cons.*
    - 2 Family *Sclerophylacaceae* Miers, 1848
    - 3 Family *Duckeodendraceae* Kuhlmann, 1950
    - 4 Family *Goetzeaceae* Airy Shaw, 1965
    - 5 Family *Plocospermataceae* Hutch. 1973
- C Superorder *Boraginanae* *superord. nov.*
  - 7 Order *Boraginales* Dumort. 1829
    - 1 Family *Hydrophyllaceae* R. Br. 1817, *nom. cons.*
    - 2 Family *Boraginaceae* Adans. 1763, *nom. cons.*
      - 1 Genus *Borago* L.
    - 3 Family *Hoplostigmataceae* Engler & Gilg, 1924, *nom. cons.*
    - 4 Family *Lennoaceae* Solms, 1870, *nom. cons.*
- D Superorder *Vahliaanae* *superord. nov.*
  - 8 Order *Vahliales* *ord. nov.*
    - 1 Family *Vahliaceae* Dandy, 1959, *in* Hutch.
      - 1 Genus *Vahlia* Thunb. *nom. cons.*
- E Superorder *Oleanae* Takht. 1997
  - 09 Order *Oleales* Lindl. 1833
    - 1 Family *Oleaceae* Hoffmannsegg & Link, 1809, *nom. cons.*
    - 2 Family *Tetrachondraceae* Wettst. 1924
  - 10 Order *Cynomoriales* Burnett, 1835
    - 1 Family *Cynomoriaceae* Lindl. 1833, *nom. cons.*
  - 11 Order *Carlemanniales* *ord. nov.*
    - 1 Family *Carlemanniaceae* Airy Shaw, 1966
      - 1 Genus *Carlemannia* Benth.
- F Superorder *Lamianaes* Takht. 1967
  - 12 Order *Gesneriales* Dumort. 1829
    - 1 Family *Gesneriaceae* DC. 1816, *nom. cons.*
  - 13 Order *Globulariales* Dumort. 1829
    - 1 Family *Gratiolaceae* Martynov, 1820
    - 2 Family *Chelonaceae* Martynov, 1820
    - 3 Family *Globulariaceae* DC. 1805, *in* Lam. & DC., *nom. cons.*
    - 4 Family *Antirrhinaceae* Pers. 1807
    - 5 Family *Veronicaceae* Durande, 1782
    - 6 Family *Plantaginaceae* Durande, 1782, *nom. cons.*
    - 7 Family *Callitrichaceae* Link, 1821, *nom. cons.*
  - 14 Order *Scrophulariales* Lindl. 1833
    - 1 Family *Hemimeridaceae* *fam. nov.*
      - 1 Genus *Hemimeris* L. f., *nom. cons.*
    - 2 Family *Myoporaceae* R. Br. 1810, *nom. cons.*
    - 3 Family *Scrophulariaceae* Durande, 1782, *nom. cons.*
  - 15 Order *Rhinanthales* Dumort. 1829
    - 1 Family *Cyclocheilaceae* Marais, 1981
    - 2 Family *Paulowniaceae* Nakai, 1949
    - 3 Family *Lindenbergiaceae* *fam. nov.*
      - 1 Genus *Lindenbergia* Lehm.
    - 4 Family *Orobanchaceae* Vent. 1799, *nom. cons.*
  - 16 Order *Acanthales* Lindl. 1833
    - 1 Family *Acanthaceae* Durande, 1782, *nom. cons.*
    - 2 Family *Pedaliaceae* R. Br. 1810, *nom. cons.*
    - 3 Family *Trapellaceae* Honda & M. Sakisaka, 1930
    - 4 Family *Bignoniaceae* Durande, 1782, *nom. cons.*
    - 5 Family *Calceolariaceae* Olmstead, 2001
  - 17 Order *Lentibulariales* Lindl. 1833

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Family *Lentibulariaceae* Rich. 1808, in Poiteau & Turpin, *nom. cons.*
- 2 Family *Martyniaceae* Horan. 1847, *nom. cons.*
- 3 Family *Byblidaceae* Domin, 1922, *nom. cons.*
- 18 Order *Stilbales* *ord. nov.*
  - 1 Family *Stilbaceae* C. Kunth, 1831, *nom. cons.*
    - 1 Genus *Stilbe* Bergius
- 19 Order *Lamiales* Bromhead, 1838
  - 1 Family *Phrymaceae* Schauer, 1847, *nom. cons.*
  - 2 Family *Symphoremataceae* Reveal & Hoogl. 1991
  - 3 Family *Schlegeliaceae* Reveal, 1996
  - 4 Family *Verbenaceae* Adans. 1763, *nom. cons.*
  - 5 Family *Avicenniaceae* Endl. 1841
  - 6 Family *Viticaceae* Juss. 1789
  - 7 Family *Nesogenaceae* Marais, 1981
  - 8 Family *Lamiaceae* Martynov, 1820, *nom. cons.*
- 15 Subclass *Cornidae* Reveal, 1994
  - A Superorder *Cornanae* Reveal, 1996
    - 1 Order *Hydrangeales* Nakai, 1943
      - 1 Family *Hydrangeaceae* Dumort. 1829, *nom. cons.*
    - 2 Order *Hydrostachyales* Diels *ex* Reveal, 1993
      - 1 Family *Hydrostachyaceae* Engl. 1894, *nom. cons.*
    - 3 Order *Grubbiales* *ord. nov.*
      - 1 Family *Grubbiaceae* Endl. 1839, *nom. cons.*
        - 1 Genus *Grubbia* Bergius
    - 4 Order *Cornales* Dumort. 1829
      - 1 Family *Davidiaceae* H. L. Li, 1955
      - 2 Family *Nyssaceae* Dumort. 1829, *nom. cons.*
      - 3 Family *Mastixiaceae* Calest. 1905
      - 4 Family *Curtisiaceae* Takht. *ex* Doweld, *fam. nov.*
        - 1 Genus *Curtisia* Ait.
      - 5 Family *Cornaceae* Dumort. 1829, *nom. cons.*
      - 6 Family *Alangiaceae* DC. *ex* Schlecht. 1827, *nom. cons.*
    - 5 Order *Loasales* Bessey, 1907
      - 1 Family *Loasaceae* Juss. 1804, *nom. cons.*
  - B Superorder *Icacinanae* *superord. nov.*
    - 6 Order *Emmotales* *ord. nov.*
      - 1 Family *Emmotaceae* Tiegh. 1899
        - 1 Genus *Emmotum* Desv.
    - 7 Order *Icacinales* Tiegh. 1899
      - 1 Family *Icacinaceae* Miers, 1851, *nom. cons.*
        - 1 Genus *Icacina* A. Juss.
    - 8 Order *Garryales* Lindl. 1846
      - 1 Family *Garryaceae* Lindl. 1834, *nom. cons.*
      - 2 Family *Aucubaceae* J. Agardh, 1858
    - 9 Order *Eucommiales* Cronq. 1981
      - 1 Family *Eucommiaceae* Engler, 1909, *nom. cons.*
  - C Superorder *Escalloniana* *superord. nov.*
    - 10 Order *Oncothecales* *ord. nov.*
      - 1 Family *Oncothecaceae* Airy Shaw, 1965
        - 1 Genus *Oncotheca* Baill.
    - 11 Order *Escalloniales* *ord. nov.*
      - 1 Family *Polyosmaceae* Blume, 1851
      - 2 Family *Anopteraceae* *fam. nov.*
        - 1 Genus *Anopterus* Labill.
      - 3 Family *Eremosynaceae* Dandy, 1959, *in* Hutch.
      - 4 Family *Escalloniaceae* Dumort. 1829, *nom. cons.*
        - 1 Genus *Escallonia* L. f.
    - 12 Order *Tribelales* *ord. nov.*
      - 1 Family *Tribelaceae* Airy Shaw, 1965
        - 1 Genus *Tribeles* Phil.
    - 13 Order *Sphenostemonales* *ord. nov.*
      - 1 Family *Sphenostemonaceae* P. Royen & Airy Shaw, 1972
        - 1 Genus *Sphenostemon* Baill.
    - 14 Order *Paracryphiales* Reveal, 1992
      - 1 Family *Paracryphiaceae* Airy Shaw, 1965
    - 15 Order *Quintiniales* *ord. nov.*
      - 1 Family *Quintiniaceae* *fam. nov.*
        - 1 Genus *Quintinia* DC.
  - D Superorder *Araliana* Takht. 1967
    - 16 Order *Pennantiales* *ord. nov.*
      - 1 Family *Pennantiaceae* J. Agardh, 1858
        - 1 Genus *Pennantia* J. R. Forst. & G. Forst.

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 17 Order *Torricelliales* Reveal & Doweld, 1999
  - 1 Family *Melanophyllaceae* Takht. ex Airy Shaw, 1972
  - 2 Family *Torricelliaceae* Hu, 1934
- 18 Order *Griseliniales* Reveal & Doweld, 1999
  - 1 Family *Griselinaceae* A. Cunn. 1839
- 19 Order *Pittosporales* Lindl. 1833
  - 1 Family *Pittosporaceae* R. Br. 1814, in Flinders, *nom. cons.*
- 20 Order *Apiales* Nakai, 1930
  - 1 Family *Araliaceae* Durande, 1782, *nom. cons.*
  - 2 Family *Myodocarpaceae* *fam. nov.*
    - 1 Genus *Myodocarpus* Brong. & Gris
  - 3 Family *Mackinlayaceae* *fam. nov.*
    - 1 Genus *Mackinlaya* F. Muell.
  - 4 Family *Apiaceae* Lindl. 1836, *nom. cons.*
- E Superorder *Aquifolianaes* *superord. et stat. nov.*
  - 21 Order *Cardiopteridales* Takht. 1997
    - 1 Family *Stemonuraceae* Kårehed, 2001
    - 2 Family *Cardiopteridaceae* Blume, 1847, *nom. cons.*
    - 3 Family *Leptaulaceae* Tiegh. 1899
  - 22 Order *Metteniusales* Takht. 1997
    - 1 Family *Metteniusaceae* Schnizl. 1843-1870
  - 23 Order *Aquifoliales* Senft, 1856
    - 1 Family *Aquifoliaceae* A. Rich. 1828, *nom. cons.*
  - 24 Order *Helwingiales* Takht. 1997
    - 1 Family *Helwingiaceae* Decne. 1836
  - 25 Order *Phyllonomales* *ord. nov.*
    - 1 Family *Phyllonomaceae* Small, 1905, in Britt.
      - 1 Genus *Phyllonoma* Willd. ex Schult.
- F Superorder *Dipsacanaes* Takht. 1997
  - 26 Order *Desfontainiales* Takht. 1997
    - 1 Family *Desfontainiaceae* Endl. 1841, *nom. cons.*
  - 27 Order *Columelliales* *ord. nov.*
    - 1 Family *Columelliaceae* D. Don, 1828, *nom. cons.*
      - 1 Genus *Columellia* Ruiz & Pav.
  - 28 Order *Viburnales* Dumort. 1829
    - 1 Family *Viburnaceae* Raf. 1820
  - 29 Order *Adoxales* Nakai, 1949
    - 1 Family *Sambucaceae* Batsch, 1786
    - 2 Family *Adoxaceae* E. Mey. 1839, *nom. cons.*
  - 30 Order *Dipsacales* Dumort. 1829
    - 1 Family *Diervilleaceae* A. Backlund, 1998
    - 2 Family *Linnaeaceae* A. Backlund, 1998
    - 3 Family *Morinaceae* Raf. 1820
    - 4 Family *Valerianaceae* Batsch, 1802, *nom. cons.*
    - 5 Family *Triplostegiaceae* Airy Shaw, 1965
    - 6 Family *Caprifoliaceae* Adans. 1763, *nom. cons.*
    - 7 Family *Dipsacaceae* Durande, 1782, *nom. cons.*
- 16 Subclass *Asteridae* Takht. 1967
  - A Superorder *Brunianaes* *superord. nov.*
    - 1 Order *Bruniales* Dumort. 1829
      - 1 Family *Bruniaceae* DC. 1825, *nom. cons.*
        - 1 Genus *Brunia* L.
  - B Superorder *Campanulanaes* Takht. ex Reveal, 1992
    - 2 Order *Rousseales* *ord. et stat. nov.*
      - 1 Family *Rousseaceae* DC. 1839
        - 1 Genus *Roussea* Smith
      - 2 Family *Carpodetaceae* Fenzl, 1841
    - 3 Order *Campanulales* Reichenb. f. 1828
      - 1 Family *Campanulaceae* Adans. 1763, *nom. cons.*
      - 2 Family *Cyphocarpaceae* Reveal & Hoogl. 1996
      - 3 Family *Nemacladaceae* Nutt. 1842
      - 4 Family *Cyphiaceae* DC. 1839
      - 5 Family *Lobeliaceae* Bonpl. 1813, *nom. cons.*
  - C Superorder *Phellinanaes* *superord. nov.*
    - 4 Order *Phellinales* *ord. nov.*
      - 1 Family *Phellinaceae* Takht. 1967
        - 1 Genus *Phelline* Labill.
      - 2 Family *Corokiaceae* Takht. 1997
      - 3 Family *Pottingeriaceae* Takht. 1987
    - 5 Order *Pentaphragmatales* *ord. nov.*
      - 1 Family *Pentaphragmataceae* J. Agardh, 1858
        - 1 Genus *Pentaphragma* G. Don

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 6 Order *Alseuosmiales* ord. nov.
  - 1 Family *Platyspermatiaceae* fam. nov.
    - 1 Genus *Platyspermation* Guillaum.
  - 2 Family *Alseuosmiaceae* Airy Shaw, 1965
    - 1 Genus *Alseuosmia* A. Cunn.
- D Superorder *Asteranae* Takht. 1967
  - 07 Order *Stylidiales* Takht. ex Reveal, 1992
    - 1 Family *Donatiaceae* B. Chandler, 1911, *nom. cons.*
    - 2 Family *Stylidiaceae* R. Br. 1810, *nom. cons.*
  - 08 Order *Menyanthales* Takht. 1997
    - 1 Family *Menyanthaceae* Dumort. 1829, *nom. cons.*
  - 09 Order *Goodeniales* Lindl. 1833
    - 1 Family *Brunoniaceae* Dumort. 1829, *nom. cons.*
    - 2 Family *Goodeniaceae* R. Br. 1810
    - 3 Family *Calyceraceae* A. Rich. 1820, *nom. cons.*
  - 10 Order *Asterales* Lindl. 1833
    - 1 Family *Asteraceae* Martynov, 1820, *nom. cons.*
- 2 Class *Liliopsida* Batsch, 1802
  - 1 Subclass *Liliidae* J. H. Schaffn. 1911
    - A Superorder *Melanthianaesuperord.* nov.
      - 1 Order *Melanthiales* Reveal, 1992
        - 1 Family *Melanthiaceae* Batsch, 1786, *nom. cons.*
          - 1 Genus *Melanthium* L.
        - 2 Family *Heloniadaceae* J. Agardh, 1858
        - 3 Family *Chionographidaceae* Takht. 1996
      - 2 Order *Trilliales* Takht. 1997
        - 1 Family *Trilliaceae* Chevall. 1827, *nom. cons.*
        - 2 Family *Xerophyllaceae* Takht. 1996
      - 3 Order *Alstroemeriales* Hutch. 1934
        - 1 Family *Alstroemeriaceae* Dumort. 1829, *nom. cons.*
      - 4 Order *Colchicales* Dumort. 1829
        - 1 Family *Burchardiaceae* Takht. 1996
        - 2 Family *Uvulariaceae* C. Kunth, 1843, *nom. cons.*
        - 3 Family *Colchicaceae* DC. 1804, *nom. cons.*
    - B Superorder *Lilianaesuperord.* nov.
      - 5 Order *Liliales* Perleb, 1826
        - 1 Family *Tricyrtidaceae* Takht. 1997, *nom. cons.*
        - 2 Family *Scoliopaceae* Takht. 1996
        - 3 Family *Calochortaceae* Dumort. 1829
        - 4 Family *Liliaceae* Adans. 1763, *nom. cons.*
        - 5 Family *Medeolaceae* Takht. ex Doweld, *fam. nov.*
          - 1 Genus *Medeola* L.
      - 6 Order *Campynematales* ord. nov.
        - 1 Family *Campynemataceae* Dumort. 1829
          - 1 Genus *Campynema* Labill.
      - 7 Order *Smilacales* Lindl. 1833
        - 1 Family *Philesiaceae* Dumort. 1829, *nom. cons.*
        - 2 Family *Rhipogonaceae* Conran & Clifford, 1985
        - 3 Family *Smilacaceae* Vent. 1799, *nom. cons.*
        - 4 Family *Petermanniaceae* Hutch. 1934, *nom. cons.*
        - 5 Family *Luzuriagaceae* Lotsy, 1911
    - C Superorder *Iridanaesuperord.* et stat. nov.
      - 08 Order *Tecophilaeales* Reveal, 1993
        - 1 Family *Ixioliriaceae* Nakai, 1943
        - 2 Family *Walleriaceae* Takht. 1995, *nom. cons.*
        - 3 Family *Tecophilaeaceae* Leyb. 1862, *nom. cons.*
        - 4 Family *Cyanastraceae* Engler, 1900, *nom. cons.*
      - 09 Order *Iridales* Raf. 1815
        - 1 Family *Isophysidaceae* F. A. Barkley, 1948
        - 2 Family *Iridaceae* Durande, 1782, *nom. cons.*
          - 1 Genus *Iris* L.
      - 10 Order *Amaryllidales* Bromhead 1840
        - 1 Family *Agapanthaceae* Voigt, 1850
        - 2 Family *Alliaceae* Batsch, 1786, *nom. cons.*
        - 3 Family *Tulbaghiaceae* Salisb. 1866
        - 4 Family *Amaryllidaceae* Jaume St.-Hil. 1805, *nom. cons.*
      - 11 Order *Agavales* Hutch. 1934
        - 1 Family *Hostaceae* B. Mathew, 1988
        - 2 Family *Hesperocallidaceae* Traub, 1972
        - 3 Family *Anemarrhenaceae* Conran, M. W. Chase & Rudall, 1997
        - 4 Family *Agavaceae* Dumort. 1829, *nom. cons.*
        - 5 Family *Behniaceae* Conran, M. W. Chase & Rudall, 1997

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 6 Family *Herreriaceae* Endl. 1841
- 7 Family *Antheriaceae* J. Agardh, 1858
- 12 Order *Asparagales* Bromhead, 1838
  - 01 Family *Hyacinthaceae* Batsch, 1786
  - 02 Family *Aphyllanthaceae* Burnett, 1835
  - 03 Family *Themidaceae* Salisb. 1866
  - 04 Family *Laxmanniaceae* Bubani, 1901-1902
  - 05 Family *Lomandraceae* Lotsy, 1911
  - 06 Family *Asparagaceae* Juss. 1789, *nom. cons.*
  - 07 Family *Convallariaceae* Horan. 1834
  - 08 Family *Ophiopogonaceae* Endl. 1841
  - 09 Family *Eriospermaceae* Endl. 1841
  - 10 Family *Ruscaceae* Roem. 1840, *nom. cons.*
  - 11 Family *Dracaenaceae* Salisb. 1866
  - 12 Family *Nolinaceae* Nakai, 1943
- 13 Order *Asphodelales* *ord. et stat. nov.*
  - 1 Family *Xeronemataceae* M. W. Chase, Rudall & Fay, 2000
  - 2 Family *Doryanthaceae* R. Dahlgren & Clifford, 1985, *in* Dahlgren, Clifford & Yeo
  - 3 Family *Hemerocallidaceae* R. Br. 1810
  - 4 Family *Phormiaceae* J. Agardh, 1858
  - 5 Family *Dianellaceae* Salisb. 1866
  - 6 Family *Asphodelaceae* Juss. 1789, *nom. cons.*
    - 1 Genus *Asphodelus* L.
  - 7 Family *Aloaceae* Batsch, 1802
- 14 Order *Xanthorrhoeales* Reveal & Doweld, 1999
  - 1 Family *Xanthorrhoeaceae* Dumort. 1829, *nom. cons.*
- 15 Order *Asteliales* Dumort. 1829
  - 1 Family *Asteliaceae* Dumort. 1829
  - 2 Family *Blandfordiaceae* R. Dahlgren & Clifford, 1985, *in* Dahlgren, Clifford & Yeo
  - 3 Family *Boryaceae* M. W. Chase, Rudall & Conran, 1997
  - 4 Family *Lanariaceae* R. Dahlgren & A. E. van Wyk, 1988
- 16 Order *Hypoxidales* Reveal & Doweld, 1999
  - 1 Family *Hypoxidaceae* R. Br. 1814, *in* Flinders, *nom. cons.*
- D Superorder *Orchidanae* *superord. et stat. nov.*
  - 17 Order *Orchidales* Raf. 1815
    - 1 Family *Apostasiaceae* Lindl. 1833
    - 2 Family *Cypripediaceae* Lindl. 1833
    - 3 Family *Orchidaceae* Adans. 1763, *nom. cons.*
      - 1 Genus *Orchis* L.
- 2 Subclass *Alismatidae* Takht. 1967
  - A Superorder *Alismatanae* Takht. 1967
    - 1 Order *Butomales* Hutch. 1934
      - 1 Family *Butomaceae* Mirb. 1804, *nom. cons.*
    - 2 Order *Hydrocharitales* Dumort. 1829
      - 1 Family *Hydrocharitaceae* Juss. 1789, *nom. cons.*
      - 2 Family *Thalassiaceae* Nakai, 1943
      - 3 Family *Halophilaceae* J. Agardh, 1858
    - 3 Order *Najadales* Dumort. 1829
      - 1 Family *Najadaceae* Durande, 1782, *nom. cons.*
    - 4 Order *Alismatales* Dumort. 1829
      - 1 Family *Limnocharitaceae* Cronq. 1981
      - 2 Family *Alismataceae* Vent. 1799, *nom. cons.*
  - B Superorder *Zosteranae* *superord. nov.*
    - 05 Order *Aponogetonales* Hutch. 1934
      - 1 Family *Aponogetonaceae* J. Agardh, 1858, *nom. cons.*
    - 06 Order *Juncaginales* Hutch. 1934
      - 1 Family *Scheuchzeriaceae* Rudolphi, 1830, *nom. cons.*
      - 2 Family *Juncaginaceae* Rich. 1808
      - 3 Family *Lilaeaceae* Dumort. 1829
      - 4 Family *Maundiaceae* Nakai, 1943
    - 07 Order *Potamogetonales* Dumort. 1829
      - 1 Family *Potamogetonaceae* Reichenb. 1828, *nom. cons.*
      - 2 Family *Ruppiaceae* Horan. 1834, *nom. cons.*
    - 08 Order *Posidoniales* Nakai, 1943
      - 1 Family *Posidoniaceae* Hutch. 1934, *nom. cons.*
    - 09 Order *Cymodoceales* Nakai, 1943
      - 1 Family *Zannichelliaceae* Durande, 1782, *nom. cons.*
      - 2 Family *Cymodoceaceae* N. Taylor, 1909, *nom. cons.*
    - 10 Order *Zosteriales* Nakai, 1943
      - 1 Family *Zosteraceae* Dumort. 1829, *nom. cons.*
        - 1 Genus *Zostera* L.
  - C Superorder *Aranae* Thorne *ex* Reveal, 1992

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 11 Order *Tofieldiales* Reveal & Zomlefer, 1998
  - 1 Family *Tofieldiaceae* Takht. 1995
- 12 Order *Arales* Dumort. 1829
  - 1 Family *Araceae* Adans. 1763, *nom. cons.*
  - 2 Family *Pistiaceae* C. Agardh, 1822
  - 3 Family *Lemnaceae* Martynov, 1820, *nom. cons.*
- D Superorder *Acoranae* Reveal, 1997
  - 13 Order *Acorales* Reveal, 1996
    - 1 Family *Acoraceae* Martynov, 1820
- 3 Subclass *Arecidae* Takht. 1967
  - A Superorder *Arecanae* Takht. 1967
    - 1 Order *Areciales* Bromhead, 1840
      - 1 Family *Arecaceae* Schultz Sch. 1832, *nom. cons.*
- 4 Subclass *Commelinidae* Takht. 1967
  - A Superorder *Pandananae* Reveal, 1992
    - 1 Order *Cyclanthales* J. H. Schaffn. 1911
      - 1 Family *Cyclanthaceae* Dumort. 1829, *nom. cons.*
    - 2 Order *Pandanales* Lindl. 1833
      - 1 Family *Pandanaceae* R. Br. 1810, *nom. cons.*
    - 3 Order *Velloziales* Reveal, 1992
      - 1 Family *Velloziaceae* W. J. Hook. 1827, *nom. cons.*
    - 4 Order *Stemonales* Takht.
      - 1 Family *Stemonaceae* Caruel, 1878, *nom. cons.*
        - 1 Genus *Stemona* Lour.
      - 2 Family *Croomiaceae* Nakai, 1937
      - 3 Family *Pentastemonaceae* Duyfjes, 1992
  - B Superorder *Triuridanae* Thorne *ex* Reveal, 1992
    - 5 Order *Triuridales* J. D. Hook. 1876, *in* Le Maout & Decne.
      - 1 Family *Triuridaceae* Gardner, 1843, *nom. cons.*
  - C Superorder *Dioscoreanae* Reveal & Doweld, 1999
    - 6 Order *Dioscoreales* J. D. Hook. 1876, *in* Le Maout & Decne.
      - 1 Family *Stenomeridaceae* J. Agardh, 1858, *nom. cons.*
      - 2 Family *Trichopodaceae* Hutch. 1934, *nom. cons.*
      - 3 Family *Avetraceae* Takht. 1997
      - 4 Family *Dioscoreaceae* R. Br. 1810, *nom. cons.*
    - 7 Order *Taccales* Dumort. 1829
      - 1 Family *Taccaceae* Dumort. 1829, *nom. cons.*
    - 8 Order *Burmanniiales* Heintze, 1927
      - 1 Family *Burmanniaceae* Blume, 1827, *nom. cons.*
      - 2 Family *Thismiaceae* J. Agardh, 1858, *nom. cons.*
      - 3 Family *Corsiaceae* Becc. 1878, *nom. cons.*
  - D Superorder *Petrosaviana* *superord. nov.*
    - 09 Order *Nartheciales* Reveal & Zomlefer, 1998
      - 1 Family *Nartheciaceae* Bjurzon, 1846
    - 10 Order *Petrosaviales* Takht. 1997
      - 1 Family *Petrosaviaceae* Hutch. 1934, *nom. cons.*
        - 1 Genus *Petrosavia* Becc.
      - 2 Family *Japonoliriaceae* Takht. 1996
  - E Superorder *Pontederiana* Takht. *ex* Reveal, 1992
    - 11 Order *Philydrales* Dumort. 1829
      - 1 Family *Philydraceae* Link, 1821, *nom. cons.*
    - 12 Order *Pontederiales* J. D. Hook. 1876, *in* Le Maout & Decne.
      - 1 Family *Pontederiaceae* C. Kunth, 1816, *in* HBK., *nom. cons.*
    - 13 Order *Haemodorales* Hutch. 1934
      - 1 Family *Haemodoraceae* R. Br. 1810, *nom. cons.*
      - 2 Family *Conostylidaceae* Takht. *ex* Doweld, *fam. nov.*
        - 1 Genus *Conostylis* R. Br.
    - 14 Order *Hanguanales* R. Dahlgren *ex* Reveal, 1992
      - 1 Family *Hanguanaceae* Airy Shaw, 1965
  - F Superorder *Commelinanae* Takht. 1967
    - 15 Order *Dasyopogonales* *ord. nov.*
      - 1 Family *Baxteriaceae* Takht. 1996
      - 2 Family *Dasyopogonaceae* Dumort. 1829
        - 1 Genus *Dasyopogon* R. Br.
      - 3 Family *Calectasiaceae* Endl. 1838
    - 16 Order *Commelinales* Dumort. 1829
      - 1 Family *Commelinaceae* Mirb. 1804, *nom. cons.*
    - 17 Order *Eriocaulales* Nakai, 1930
      - 1 Family *Eriocaulaceae* Martynov, 1820, *nom. cons.*
  - 5 Subclass *Zingiberidae* Cronq. 1978
    - A Superorder *Zingiberanae* Takht. *ex* Reveal, 1993
      - 1 Order *Musales* Reveal, 1997



*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 3 Phylum *Vampyrellozoa* *phyl. et nom. nov.*
  - 1 Class *Vampyrellatea* *nom. nov.*
    - 1 Subclass *Vampyrellatinea* *nom. et subcl. nov.*
      - 1 Order *Vampyrellida* Poche, 1913
        - 1 Family *Vampyrellidae* Zopf
          - 1 Genus *Vampyrella* Cienkowski
- 4 Phylum *Entamoebozoa* Cavalier-Smith, 1993
  - 1 Class *Entamoebatea* Cavalier-Smith, 1991
- 5 Phylum *Gromiozoa* *phyl. et stat. nov.*
  - 1 Class *Gromiatea* Starobogatov, 1980
    - 1 Subclass *Gromiatinea* *subcl. et nom. nov.*
- 6 Phylum *Dictyosteliomycota* *nom. nov.*
  - 1 Class *Dictyosteliomycetes* *nom. nov.*
- 7 Phylum *Physaromycota* *phyl. et stat. nov.*
  - 1 Class *Physaromycetes* *cl. et stat. nov.*
- 4 Subkingdom *Coelodendrobotina* *subregn. et stat. nov.*
  - 1 Phylum *Psamminozoa* *nom. et stat. nov.*
    - 1 Class *Psamminatea* *nom. nov.*
  - 2 Phylum *Rotaliozoa* *nom. nov.*
    - 1 Class *Astrorhizatea* Saidova, 1981
    - 2 Class *Spirillinatea* Maslakova, 1990
    - 3 Class *Miliolatea* Saidova, 1981
    - 4 Class *Nodosariatea* Mikhalevich, 1992
    - 5 Class *Rotaliatea* Mikhalevich, 1980
    - 6 Class *Globigeriatea* Mikhalevich, 1980
  - 3 Phylum *Coelodendrozoa* *nom. et stat. nov.*
    - 1 Class *Cyrtocalpatea* *nom. et stat. nov.*
      - 1 Order *Thalassicollida* *nom. nov.*
        - 1 Family *Thalassicollidae* Haeckel, 1881
          - 1 Genus *Thalassicolla* Huxley
      - 2 Order *Cyrtocalpida* *nom. nov.*
        - 1 Family *Cyrtocalpidae* Haeckel, 1887
          - 1 Genus *Cyrtocalpis* Haeckel
    - 2 Class *Coelodendratea* *nom. nov.*
      - 1 Order *Aulacanthida* *nom. et stat. nov.*
        - 1 Family *Aulacanthidae* Haeckel, 1887
          - 1 Genus *Aulacantha* Haeckel
      - 2 Order *Circoporida* *nom. et stat. nov.*
        - 1 Family *Circoporidae* Haeckel, 1879
          - 1 Genus *Circoporus* Haeckel
      - 3 Order *Aulosphaerida* *nom. et stat. nov.*
        - 1 Family *Aulosphaeridae* Haeckel, 1879
          - 1 Genus *Aulosphaera* Haeckel
      - 4 Order *Medusettida* *nom. et stat. nov.*
        - 1 Family *Medusettidae* Haeckel, 1887
          - 1 Genus *Medusetta* Haeckel
      - 5 Order *Conchariida* *nom. et stat. nov.*
        - 1 Family *Conchariidae* Haeckel, 1879
          - 1 Genus *Concharium* Haeckel
      - 6 Order *Coelodendrida* *nom. et stat. nov.*
        - 1 Family *Coelodendridae* Haeckel, 1862
          - 1 Genus *Coelodendrum* Haeckel
    - 3 Class *Sticholonchatea* *nom. nov.*
- 5 Subkingdom *Codosigobiotina* *subregn. et stat. nov.*
  - 1 Phylum *Codosigozoa* *nom. nov.*
    - 1 Class *Codosigatea* *nom. nov.*
      - 1 Order *Codosigida* P. C. Silva, 1980
- 2 Kingdom *Mucorobiota* Doweld
  - 1 Subkingdom *Mucorobiotina* *subregn. nov.*
    - 1 Phylum *Chytridiomycota* Zerov *ex* Doweld
      - 1 Class *Chytridiomycetes* Moebius, 1929
        - 1 Subclass *Chytridiomycetidae* *nom. nov.*
        - 2 Subclass *Spizellomycetidae* Cavalier-Smith, 1998
      - 2 Class *Hyaloraphidiomycetes* *cl. nov.*, *incertae sedis*
        - 1 Subclass *Hyalorhaphidiomycetidae* *subcl. nov.*
          - 1 Order *Hyalorhaphidiales* *ord. nov.*
            - 1 Family *Hyalorhaphidiaceae* *fam. nov.*
              - 1 Genus *Hyalorhaphidium* Pascher *et* Korshikov
  - 3 Phylum *Basidiobolomycota* *nom. et stat. nov.*
    - 1 Class *Basidiobolomycetes* *nom. nov.*
  - 4 Phylum *Monoblepharomycota* *phyl. nov.*
    - 1 Class *Monoblepharomycetes* J. H. Schaffner, 1909



*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 5 Phylum *Blastocladiomycota* *nom. nov.*
  - 1 Class *Blastocladiomycetes* *nom. nov.*
    - 1 Order *Blastocladales*
    - 2 Order *Coelomomycetales*
- 6 Phylum *Mucoromycota* *nom. nov.*
  - 1 Class *Mucoromycetes* *nom. nov.*
  - 2 Class *Harpellomycetes* *nom. et stat. nov.*
  - 3 Class *Laboulbeniomycetes* Engler, 1897
- 7 Phylum *Glomomycota* C. Walker *et* A. Schuessler, 2001
  - 1 Class *Geosiphonomycetes* Cavalier-Smith, 1998
  - 2 Class *Glomomycetes* Cavalier-Smith, 1998
- 2 Subkingdom *Tuberobiotina* *nom. et stat. nov.*
  - 1 Phylum *Tuberomycota* *nom. nov.*
    - 1 Subphylum *Schizosaccharomycotina* *subphyl. et stat. nov.*
      - 1 Class *Schizosaccharomycetes* O. E. Eriksson *et* Winka, 1997
      - 2 Class *Pneumocystidomycetes* O. E. Eriksson *et* Winka, 1997
    - 2 Subphylum *Taphrinomycotina* O. E. Eriksson *et* Winka, 1997
      - 1 Class *Neoelectomycetes* O. E. Eriksson *et* Winka, 1997
      - 2 Class *Taphrinomycetes* O. E. Eriksson *et* Winka, 1997
    - 3 Subphylum *Saccharomycotina* O. E. Eriksson *et* Winka, 1997
      - 1 Class *Saccharomycetes* G. Winter, 1881
    - 4 Subphylum *Tuberomycotina* *nom. et stat. nov.*
      - 1 Class *Tuberomycetes* *nom. nov.*
        - 1 Order *Tuberales* Dumort. 1829
          - 1 Family *Tuberaceae* Dumort. 1822
            - 1 Genus *Tuber* Bulliard *ex* Fries
          - 2 Class *Arthoniomycetes* O. E. Eriksson *et* Winka, 1997
          - 3 Class *Lecanoromycetes* O. E. Eriksson *et* Winka, 1997
          - 4 Class *Eurotiomycetes* O. E. Eriksson *et* Winka, 1997
            - 1 Subclass *Eurotiomycetidae* *subcl. et stat. nov.*
            - 2 Subclass *Chaetothyriomycetidae* *subcl. et stat. nov.*
          - 5 Class *Dothideomycetes* O. E. Eriksson *et* Winka, 1997
          - 6 Class *Sordariomycetes* O. E. Eriksson *et* Winka, 1997
            - 1 Subclass *Sordariomycetidae* O. E. Eriksson *et* Winka, 1997
            - 2 Subclass *Xylariomycetidae* O. E. Eriksson *et* Winka, 1997
            - 3 Subclass *Hypocreomycetidae* O. E. Eriksson *et* Winka, 1997
    - 2 Phylum *Ustilaginomycota* R. T. Moore, 1980
      - 1 Subphylum *Uredinomycotina* *nom. nov.*
        - 1 Class *Uredinomycetes* *nom. nov.*
          - 1 Subclass *Sporidiobolomycetidae* *nom. nov.*
            - 1 Order *Sporidiobolales* *ord. et stat. nov.*
              - 1 Family *Sporidiobolaceae* R. T. Moore, 1980
                - 1 Genus *Sporidiobolus* Nyland
              - 2 Family *Leucosporidiaceae* *fam. et nom. nov.*
                - 1 Genus *Leucosporidium* Fell *et al.*
            - 2 Subclass *Uredinomycetidae* Cavalier-Smith *ex* Doweld
        - 2 Subphylum *Ustilaginomycotina* *nom. nov.*
          - 1 Class *Ustilaginomycetes* Knoblauch, 1890
            - 1 Subclass *Entorrhizomycetidae* R. Bauer, Oberwinkler *et* Vanky, 1997
            - 2 Subclass *Ustilaginomycetidae* W. Juelich, 1981
            - 3 Subclass *Exobasidiomycetidae* W. Juelich, 1981
        - 3 Subphylum *Agaricomycotina* *nom. nov.*
          - 1 Class *Tremellomycetes* *cl. et stat. nov.*
          - 2 Class *Dacrymycetes* *cl. et stat. nov.*
          - 3 Class *Auriculariomycetes* *cl. et stat. nov.*
          - 4 Class *Agaricomycetes* *cl. et stat. nov.*
    - 3 Subkingdom *Chytridiopsidobiotina* *nom. et subregn. nov.*
      - 1 Phylum *Chytridiopsidomycota* *nom. et phyl. nov.*
        - 1 Class *Chytridiopsidomycetes* *stat. et cl. nov.*
        - 2 Class *Nosematomycetes* *cl. et stat. nov.*
          - 1 Subclass *Cylindrosporomycetidae* Issi *et* Voronin, 1986
          - 2 Subclass *Nosematomycetidae* Issi, 1980
    - 4 Subkingdom *Amoebidiobiotina* *subregn. et stat. nov.*
      - 1 Phylum *Amoebidizoa* *phyl. et stat. nov.*
        - 1 Class *Amoebidiatea* *nom. nov.*
    - 3 Kingdom *Trichoplacobiota* Doweld
      - 1 Subkingdom *Trichoplacobotina* *subregn. et stat. nov.*
        - 1 Phylum *Trichoplacozoa* *phyl. et nom. nov.*
          - 1 Class *Trichoplacatea* *cl. et nom. nov.*
    - 4 Kingdom *Spongiobiota* Doweld
      - 1 Subkingdom *Spongiobiotina* *subregn. et nom. nov.*
        - 1 Phylum *Spongiozoa* *phyl. et nom. nov.*

*Doweld, 2001*  
- Domain *Eucaryota* -

---

- 1 Subphylum *Spongiozoïna* subphyl. et nom. nov.
  - 1 Class *Spongiatea* cl. et nom. nov.
    - 1 Subclass *Plakinatinea* subcl. et nom. nov.
    - 2 Subclass *Axinellatinea* subcl. et nom. nov.
    - 3 Subclass *Spongiatinea* subcl. et nom. nov.
  - 2 Class *Euplectellatea* cl. et nom. nov.
  - 3 Class *Ceratoporellatea* cl. et nom. nov.
- 2 Subphylum *Sycetozoïna* subphyl. et stat. nov.
  - 1 Class *Sycettatea* cl. et nom. nov.
    - 1 Subclass *Clathrinatinea* subcl. et nom. nov.
    - 2 Subclass *Sycettatinea* subcl. et nom. nov.
  - 3 Subphylum *Archaeocyathozoïna* subphyl. et stat. nov.
- 5 Kingdom *Hydrobiota* Doweld
  - 1 Subkingdom *Hydrobiotina* subregn. et stat. nov.
    - 1 Phylum *Hydrozoa* phyl. et stat. nov.
      - 1 Class *Hydratea* Sollas, 1906
      - 2 Class *Stenoscyphatea* cl. et nom. nov.
        - 1 Order *Stenoscyphida* ord. et stat. nov.
          - 1 Family *Stenoscyphidae* Kishinouye, 1902
            - 1 Genus *Stenoscyphus* Kishinouye
      - 2 Subkingdom *Ctenoplanobiotina* subregn. et stat. nov.
        - 1 Phylum *Ctenoplanozoa* phyl. et stat. nov.
          - 1 Class *Ctenoplanatea* cl. et nom. nov.
          - 2 Class *Beroatea* cl. et nom. nov.
    - 6 Kingdom *Zoobiota* C. Jeffrey, 1967
      - 1 Subkingdom *Protostomiobiotina* subregn. et stat. nov.
      - 2 Subkingdom *Deuterostomiobiotina* subregn. et stat. nov.
      - 3 Subkingdom *Myxidiobiotina* subregn. et stat. nov., incertae sedis
        - 1 Phylum *Myxidiozoa* Kussakin et Drozdov, 1998

**Source:** Doweld, A.B. 2001. *Prosyllabus Tracheophytorum*. GEOS, Moscow, (28 Dec) 2001: [1]-29-[32], I-LXXX, 33-110.