



APG III: Bibliographical Information and Synonymy of Magnoliidae

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Abstract

An updated classification of the orders and families of flowering plants was published in 2009 by the Angiosperm Phylogeny Group along with two companion papers, one a linear arrangement of the taxa, and a second treating the land plants above the rank of order. These papers are combined with full synonymy and bibliographic information along with an index to the names.

Kew words: Angiosperms, flowering plants, nomenclature

Introduction

A revised and updated classification of the flowering plants at the ranks of orders and families was published by the Angiosperm Phylogeny Group (2009—APG III). A companion paper by Haston *et al.* (2009) arranged the orders and families into a linear sequence, while a second paper by Chase and Reveal (2009) provided a classification scheme with an arrangement of the classes, subclasses, and superorders of extant land plants. In the present paper, these schemes are summarized with authorships and places of publication provided for both accepted names and synonyms.

Work on the classification of flowering plants has resulted in seven schemes proposed from 2007 through 2009 (Heywood *et al.* 2007, Thorne & Reveal 2007, Mabberley 2008, Shipunov 2009, Stevens 2001-onward, Takhtajan 2009, APG 2009), with an eighth to be published shortly (Reveal 2011a). Each differs in various aspects as outlined by Reveal (2010), but all except the last lacked some of the information provided here. For example, both Mabberley and Takhtajan attempted to account for the generic make up of each family, with Heywood *et al.* and Stevens informative but less rigorous in this regard. Numbers of genera and species were indicated by Thorne and Reveal, as well as by Mabberley, the latter providing far more detail. Synonymy was mentioned by most, but it was usually incomplete and rarely treated all ranks.

With the widespread adoption of the APG schemes, only Stevens (2001-onward) provides any kind of summary of infrafamilial taxa, although his scheme too differs in some significant ways from APG III. Thorne and Reveal (2007), Takhtajan (2009) and Reveal (2011b) attempted to be more thorough in their treatment of taxa below the rank of family, although these schemes depart significantly from APG III. Recent textbooks by Judd *et al.* (2007) and Woodland (2009) have varied in their treatment of infrafamilial taxa, but at least they more closely approach APG III.

Some minor nomenclatural matters require mention. Names at the rank of family are subject to the principle of priority, although this may be overridden by conservation. Names above the rank of family are not subject to priority, so one is free to select any name one might wish. Infrafamilial names at the ranks of subfamily, tribe and subtribe are subject to priority and may not be conserved. When a taxon at one of those ranks includes the type of the accepted name of the family to which it is assigned, one must use the name based on the same generic name as the family name, regardless of priority. Thus, if one accepts Rosaceae,

then one must use Rosoideae, Roseae, and Rosinae for the subfamily, tribe and subtribe that include *Rosa*, even if there are earlier names. This is not the case for names of taxa that do not include the type of the family name, when priority always applies. Finally, contrary to the belief of many, suprageneric names are not subject to the rules on autonyms, and thus all suprageneric names must be independently validly published to be in use.

We have followed the linear arrangement given by Haston et al. (2009). Names listed therein as “unplaced” are here arbitrarily assigned to an ordinal name simply to provide a placeholder for these families; these assignments are not to be regarded at this time as anything other than a convenience. The synonymy will provide some hint as to the entities included within each family. Hopefully, further editions of APG’s system of angiosperm classification will expand to include taxa both above and below the ranks of order and family. A full listing of available, validly published familial and suprafamilial names is available in print (Reveal 2010) and online (<http://www.plantsystematics.org/reveal/pbio/fam/allspgnames.html>), the latter subject to continuous revision.

Catalogue of Names

- XIV. **Magnoliidae** Novák ex Takht., *Sist. Filog. Cvetk. Rast.*: 51. 4 Feb 1967
Alismatidae Takht., *Sist. Filog. Cvetk. Rast.*: 461. 4 Feb 1967
Arecidae Takht., *Sist. Filog. Cvetk. Rast.*: 525. 4 Feb 1967
Aridae Takht., *Divers. Classif. Fl. Pl.*: 579. 24 Apr 1997
Asteridae Takht., *Sist. Filog. Cvetk. Rast.*: 405. 4 Feb 1967
Bromeliidae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 299. 2002
Burmanniidae Heintze, *Cormofyt. Fylog.*: 10. 1 Jun 1927
Calycanthidae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 292. 2002
Caryophyllidae Takht., *Sist. Filog. Cvetk. Rast.*: 144. 4 Feb 1967
Ceratophyllidae Doweld, *Tent. Syst. Pl. Vasc.*: xxv. 23 Dec 2001
Chloranthidae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 292. 2002
Commelinidae Takht., *Sist. Filog. Cvetk. Rast.*: 171. 4 Feb 1967
Cornidae Frohne & U. Jensen ex Reveal, *Phytologia* 76: 4. 2 Mai 1994
Dilleniidae Takht. ex Reveal & Takht., *Phytologia* 74: 171. 25 Mar 1993
Ericidae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 308. 2002
Hamamelididae Takht., *Sist. Filog. Cvetk. Rast.*: 461. 4 Feb 1967
Illiciidae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 291. 2002
Juncidae Doweld, *Tent. Syst. Pl. Vasc.*: lxii. 23 Dec 2001
Lamiidae Takht. ex Reveal, *Phytologia* 74: 178. 25 Mar 1993
Lauridae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 292. 2002
Liliidae J.H.Schaffn., *Ohio Naturalist* 11: 413. Dec 1911
Loranthidae Tiegh., *Just's Bot. Jahresber.* 24(2): 319. 1898
Malvidae C.Y.Wu et al. ex Thorne & Reveal, *Bot. Rev. (Lancaster)* 73: 111. 29 Jun 2007
Myrtidae J.H.Schaffn., *Ohio Naturalist* 11: 416. Dec 1911
Nelumbonidae Takht., *Divers. Classif. Fl. Pl.*: 83. 24 Apr 1997
Nymphaeidae J.W. Walker ex Takht., *Divers. Classif. Fl. Pl.*: 74. 24 Apr 1997
Orchididae Heintze, *Cormofyt. Fylog.*: 10. 1 Jun 1927
Piperidae Reveal, *Phytologia* 76: 3. 2 Mai 1994
Plumbaginidae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 291. 2002
Polygonidae C.Y.Wu et al., *Acta Phytotax. Sin.* 40: 294. 2002
Ranunculidae Takht. ex Reveal, *Novon* 2: 235. 13 Oct 1992
Rosidae Takht., *Sist. Filog. Cvetk. Rast.*: 264. 4 Feb 1967
Rutidae Doweld, *Tent. Syst. Pl. Vasc.*: xxxiii. 23 Dec 2001
Theidae Doweld, *Tent. Syst. Pl. Vasc.*: xliii. 23 Dec 2001
Triurididae Takht. ex Reveal, *Novon* 2: 235. 13 Oct 1992

- Winteridae* Doweld, *Tent. Syst. Pl. Vasc.*: xxiii. 23 Dec 2001
Zingiberidae Cronquist, *Brittonia* 30: 505. 19 Dec 1978
- A. **Amborellanae** M.W.Chase & Reveal, *Bot. J. Linn. Soc.* 161: 123. 28 Oct 2009
1. **Amborellales** Melikyan, A.V.Bobrov & Zaytzeva in F. Manitz & F. H. Hellwig, *14 Symp. Biodiv. Evolutionsbiol.*: 122. 1 Sep 1999
 1. **Amborellaceae** Pichon, *Bull. Mus. Hist. Nat. (Paris)*, sér. 2, 20: 384. 25 Oct 1948, *nom. cons.*
- B. **Nymphaeanae** Thorne ex Reveal, *Novon* 2: 236. 13 Oct 1992
- Hydatellanae* Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992
2. **Nymphaeales** Salisb. ex Bercht. & J.Presl, *Přir. Rostlin*: 270. Jan–Apr 1820

Barclayales Doweld, *Tent. Syst. Pl. Vasc.*: xxiii. 23 Dec 2001
Cabombales Mart., *Consp. Regn. Veg.*: 38. Sep–Oct 1835
Euryalales H.L.Li, *Amer. Midl. Naturalist* 54: 39. 27 Aug 1955
Hydatellales Cronquist in A.L. Takhtajan, *Bot. Rev.* 46: 317. 1980
Hydropeltidales Spenn., *Handb. Angew. Bot.* 1: 202. 1–19 Jul 1834
 2. **Hydatellaceae** U.Hamann, *New Zealand J. Bot.* 14: 195. 22 Jun 1976
 3. **Cabombaceae** Rich. ex A.Rich. in J.B.G.M. Bory de Saint-Vincent, *Dict. Class. Hist. Nat.* 2: 608. 31 Dec 1822, *nom. cons.*

Hydropeltidaceae Dumort., *Comment. Bot.*: 64. Nov–Dec 1822
 4. **Nymphaeaceae** Salisb., *Ann. Bot. (König & Sims)* 2: 70. Jun 1805, *nom. cons.*

Barclayaceae H.L.Li, *Amer. Midl. Naturalist* 54: 40. 27 Aug 1955
Euryalaceae J.Agardh, *Theoria Syst. Pl.*: 51. Apr–Sep 1858
Nupharaceae A.Kern., *Pflanzenleben* 2: 699. 6–13 Jun 1891
- C. **Austrobaileyanae** M.W.Chase & Reveal, *Bot. J. Linn. Soc.* 161: 123. 28 Oct 2009
- Illicianae* Doweld, *Tent. Syst. Pl. Vasc.*: xxiii. 23 Dec 2001
Trimenianae Doweld, *Tent. Syst. Pl. Vasc.*: xxiii. 23 Dec 2001
3. **Austrobaileyles** Takht. ex Reveal, *Novon* 2: 238. 13 Oct 1992

Illiciales Hu ex Cronquist, *Integr. Syst. Class. Fl. Pl.*: 94. 10 Aug 1981
Schisandrales Mart., *Consp. Regn. Veg.*: 39. Sep–Oct 1835
Trimeniales Doweld, *Byull. Mosk. Obshch. Ispyt. Prir., Biol.* 105(5): 60. 9 Oct 2000
 5. **Austrobaileiaceae** Croizat, *Cact. Succ. J. (Los Angeles)* 15: 64. Mai 1943, *nom. cons.*
 6. **Trimeniaceae** Gibbs, *Fl. Arfak. Mts.*: 135. Jul 1917, *nom. cons.*
 7. **Schisandraceae** Blume, *Fl. Javae* 32–33: 3. 25 Jun 1830, *nom. cons.*

Illiciaceae Bercht. & J.Presl, *Přir. Rostlin* 2(72): 288. 1825, *nom. cons.*
- D. **Magnolianae** Takht., *Sist. Filog. Cvetk. Rast.*: 51. 4 Feb 1967
- Annonanae* Doweld, *Tent. Syst. Pl. Vasc.*: xxiv. 23 Dec 2001
Aristolochianae Doweld, *Tent. Syst. Pl. Vasc.*: xxiv. 23 Dec 2001
Chloranthanae Doweld, *Tent. Syst. Pl. Vasc.*: xxiv. 23 Dec 2001
Lactoridanae Takht. ex Reveal & Doweld, *Novon* 9: 550. 30 Dec 1999
Lauranae Takht., *Divers. Classif. Fl. Pl.*: 53. 24 Apr 1997
Piperanae Reveal, *Phytologia* 76: 3. 2 Mai 1994
Winteranae Doweld, *Tent. Syst. Pl. Vasc.*: xxiii. 23 Dec 2001
4. **Canellales** Cronquist, *Bull. Jard. Bot. Bruxelles* 27: 17. 31 Mar 1957

Winterales A.C.Sm. ex Reveal, *Phytologia* 74: 174. 25 Mar 1993
 8. **Canellaceae** Mart., *Nov. Gen. Sp. Pl.* 3: 168, 170. Sep 1832, *nom. cons.*
 9. **Winteraceae** R.Br. ex Lindl., *Intr. Nat. Syst. Bot.*: 26. 27 Sep 1830, *nom. cons.*

Drimyidaceae Baill., *Adansonia* 7: 383, 384. Aug 1867
Takhtajaniaceae J.-F.Leroy, *Adansonia*, sér. 2, 20: 20. 30 Mai 1980
 5. **Piperales** Bercht. & J.Presl, *Přir. Rostlin*: 261. Jan–Apr 1820

Aristolochiales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 270. Jan–Apr 1820
Asarales Horan., *Char. Ess. Fam.*: 68. 30 Jun 1847
Hydnorales Takht. ex Reveal, *Novon* 2: 239. 13 Oct 1992
Lactoridales Takht. ex Reveal, *Phytologia* 74: 174. 25 Mar 1993
Saururales Mart., *Consp. Regn. Veg.*: 13. Sep–Oct 1835
 10. **Saururaceae** F.Voigt in L.C.M. Richard, *Anal Frucht.*: 45, 67. 1811, *nom. cons.*

11. **Piperaceae** Giseke, *Prael. Ord. Nat. Pl.*: 123. Apr 1792, *nom. cons.*
Peperomiaceae A.C.Sm., *Fl. Vit. Nova* 2: 75. 26 Oct 1981
12. **Lactoridaceae** Engl. in H. G. A.Engler & K.A.E. Prantl, *Nat. Pflanzenfam.* III, 2: 19. 27 Jan 1888, *nom. cons.*
13. **Hydnoraceae** C.Agardh, *Aphor. Bot.*: 88. 21 Dec 1821, *nom. cons.*
14. **Aristolochiaceae** Juss., *Gen. Pl.*: 72. 4 Aug 1789, *nom. cons.*
Asaraceae Vent., *Tabl. Règne Vég.* 2: 226. 5 Mai 1799
6. **Magnoliales** Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 223. Jan–Apr 1820
Annonales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 223. Jan–Apr 1820
Degeneriales C.Y.Wu *et al.*, *Acta Phytotax. Sin.* 40: 291. 2002
Eupomatiiales Takht. ex Reveal, *Novon* 2: 238. 13 Oct 1992
Himantandrales Doweld & Shevryyova, *Ann. Bot. (London)* 81: 345. Feb 1998
Myristicales R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 235. Jan–Apr 1820
15. **Myristicaceae** R.Br., *Prodr.*: 399. 27 Mar 1810, *nom. cons.*
16. **Magnoliaceae** Juss., *Gen. Pl.*: 280. 4 Aug 1789, *nom. cons.*
Liriodendraceae F.A.Barkley, *Phytologia* 32: 304. 29 Oct 1975
17. **Degeneriaceae** I.W.Bailey & A.C.Sm., *J. Arnold Arbor.* 23: 357. 15 Jul 1942, *nom. cons.*
18. **Himantandraceae** Diels, *Bot. Jahrb. Syst.* 55: 126. 27 Nov 1917, *nom. cons.*
19. **Eupomatiaceae** Orb., *Dict. Univ. Hist. Nat.* 5: 511. 29 Mar 1845, *nom. cons.*
20. **Annonaceae** Juss., *Gen. Pl.*: 283. 4 Aug 1789, *nom. cons.*
Hornschuchiaceae J.Agardh, *Theoria Syst. Pl.*: 65. Apr–Sep 1858
Monodoraceae J.Agardh, *Theoria Syst. Pl.*: 126. Apr–Sep 1858
7. **Laurales** Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 235. Jan–Apr 1820
Atherospermatales Mart., *Consp. Regn. Veg.*: 38. Sep–Oct 1835
Calycanthales Link, *Handbuch* 2: 71. 4–11 Jul 1829
Gyrocarpales Dumort., *Anal. Fam. Pl.*: 13. 1829
Hernandiales Mart., *Consp. Regn. Veg.*: 15. Sep–Oct 1835
Illigeriales Mart., *Consp. Regn. Veg.*: 15. Sep–Oct 1835
Monimiales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 260. Jan–Apr 1820
21. **Calycanthaceae** Lindl., *Bot. Reg.* 5: ad t. 404. 1 Oct 1819, *nom. cons.*
Butneriaceae Barnhart, *Bull. Torrey Bot. Club* 22: 24. 15 Jan 1895
Chimonanthaceae Perleb, *Clav. Class.*: 33. Jan–Mar 1838
Idiospermaceae S.T.Blake, *Contr. Queensland Herb.* 12: 3. 4 Sep 1972
22. **Siparunaceae** Schodde, *Taxon* 19: 325. 29 Jun 1970
23. **Gomortegaceae** Reiche, *Ber. Deutsche Bot. Ges.* 14: 232. 19 Aug 1896, *nom. cons.*
24. **Atherospermataceae** R.Br. in M. Flinders, *Voy. Terra Austral.* 2: 553. 19 Jul 1814
25. **Hernandiaceae** Blume, *Bijdr.* 11: 550. 24 Jan 1826, *nom. cons.*
Gyrocarpaceae Dumort., *Anal. Fam. Pl.*: 13, 14. 1829
Illigeraceae Blume, *Nov. Pl. Expos.*: 12. Aug–Dec 1833
26. **Monimiaceae** Juss., *Ann. Mus. Natl. Hist. Nat.* 14: 133. 1809, *nom. cons.*
Hortoniaceae A.C.Sm., *J. Indian Bot. Soc.* 50A: 220. Dec 1971
27. **Lauraceae** Juss., *Gen. Pl.*: 80. 4 Aug 1789, *nom. cons.*
Cassythaceae Bartl. ex Lindl., *Nix. Pl.*: 15. 17 Sep 1833, *nom. cons.*
Perseaceae Horan., *Prim. Lin. Syst. Nat.*: 61. 2 Nov 1834
8. **Chloranthales** Mart., *Consp. Regn. Veg.*: 12. Sep–Oct 1835
28. **Chloranthaceae** R.Br. ex Sims, *Bot. Mag.* 48: ad t. 2190. 1 Nov 1820, *nom. cons.*
Hedyosmaceae Caruel, *Atti Reale Accad. Lincei, Mem. Cl. Sci. Fis.*, ser. 3, 10: 214, 249. 5 Jun 1881
- E. **Lilianaes** Takht., *Sist. Filog. Cvetk. Rast.*: 473. 4 Feb 1967
Acoranae Reveal, *Phytologia* 82: 129. 28 Nov 1997
Alismatanae Takht., *Sist. Filog. Cvetk. Rast.*: 461. 4 Feb 1967
Aranae Thorne ex Reveal, *Novon* 2: 235. 13 Oct 1992
Arecanae Takht., *Sist. Filog. Cvetk. Rast.*: 525. 4 Feb 1967
Bromelianae R.Dahlgren ex Reveal, *Novon* 2: 235. 13 Oct 1992
Butomanae Takht. ex Reveal, *Novon* 2: 235. 13 Oct 1992
Commelinanae Takht., *Sist. Filog. Cvetk. Rast.*: 514. 4 Feb 1967

- Cyclanthanae* Thorne ex Reveal, *Phytologia* 79: 71. 29 Apr 1996
Dioscoreanae Takht. ex Reveal & Doweld, *Novon* 9: 550. 30 Dec 1999
Juncanae Takht., *Sist. Filog. Cvetk. Rast.*: 510. 4 Feb 1967
Iridanae Doweld, *Tent. Syst. Pl. Vasc.*: lvi. 23 Dec 2001
Melanthiana Doweld, *Tent. Syst. Pl. Vasc.*: lv. 23 Dec 2001
Najadanae Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992
Orchidanae Doweld, *Tent. Syst. Pl. Vasc.*: lviii. 23 Dec 2001
Pandananae Thorne ex Reveal, *Novon* 2: 236. 13 Oct 1992
Petrosaviana Doweld, *Tent. Syst. Pl. Vasc.*: lx. 23 Dec 2001
Poanae Takht. ex Reveal & Doweld, *Novon* 9: 550. 30 Dec 1999
Pontederiana Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992
Rapateanae Doweld, *Tent. Syst. Pl. Vasc.*: lxii. 23 Dec 2001
Triuridanae Thorne ex Reveal, *Novon* 2: 236. 13 Oct 1992
Typhanae Thorne ex Reveal, *Novon* 2: 237. 13 Oct 1992
Zingiberanae Takht. ex Reveal, *Phytologia* 74: 179. 25 Mar 1993
Zosteranae Doweld, *Tent. Syst. Pl. Vasc.*: lviii. 23 Dec 2001
9. **Acorales** Mart., *Consp. Regn. Veg.*: 6. Sep–Oct 1835
 29. **Acoraceae** Martinov, *Tekhno-Bot. Slovar*: 6. 3 Aug 1820
10. **Alismatales** R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 271. Jan–Apr 1820
Aponogetonales Hutch., *Fam. Fl. Pl.* 2: 10, 43. 20 Jul 1934
Arales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 263. Jan–Apr 1820
Butomales Mart., *Consp. Regn. Veg.*: 8. Sep–Oct 1835
Cymodoceales Nakai, *Chosakuronbun Mokuroku* [*Ord. Fam. Trib. Nov.*]: 211. 20 Jul 1943
Elodeales Nakai, *J. Jap. Bot.* 25: 5. Feb 1950
Hydrocharitales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 271. Jan–Apr 1820
Juncaginales Mart., *Consp. Regn. Veg.*: 6. Sep–Oct 1835
Lemnales Link, *Handbuch* 1: 289. 4–11 Jul 1829
Najadales Bercht. & J.Presl, *Přir. Rostlin*: 271. Jan–Apr 1820
Orontiales J.Presl, *Novočeská Bibl.* [*Wšobecný Rostl.*] 7: 1653 ['1553']. 1846
Pistiales Mart., *Consp. Regn. Veg.*: 5. Sep–Oct 1835
Posidoniales Nakai, *Chosakuronbun Mokuroku* [*Ord. Fam. Trib. Nov.*]: 211. 20 Jul 1943
Potamogetonales Dumort., *Anal. Fam. Pl.*: 59. 1829
Ruppiales Nakai, *J. Jap. Bot.* 25: 5. Feb 1950
Scheuchzeriales B.Boivin, *Bull. Soc. Bot. France* 103: 494. 20 Jan 1957
Tofieldiales Reveal & Zomlefer, *Novon* 8: 176. 15 Jul 1998
Vallisneriales Nakai, *J. Jap. Bot.* 24: 14. Dec 1949
Zosteriales J.Presl, *Novočeská Bibl.* [*Wšobecný Rostl.*] 7: 1667. 1846
30. **Araceae** Juss., *Gen. Pl.*: 23. 4 Aug 1789, *nom. cons.*
Arisaraceae Raf., *Fl. Tellur.* 4: 16. (med.) 1838
Caladiaceae Salisb., *Gen. Pl.*: 5. 15–31 Mai 1866
Callaceae Rchb. ex Bartl., *Ord. Nat. Pl.*: 25, 66. Sep 1830
Colocasiaceae Vines, *Stud. Text-book Bot.* 2: 541. Mar 1895
Cryptocorynaceae J.Agardh, *Theoria Syst. Pl.*: 32. Apr–Sep 1858
Dracontiaceae Salisb., *Gen. Pl.*: 7. 15–31 Mai 1866
Lasiaceae Vines, *Stud. Text-book Bot.* 2: 540. Mar 1895
Lemnaceae Gray, *Nat. Arr. Brit. Pl.* 2: 729. 10 Jan 1822, *nom. cons.*
Monsteraceae Vines, *Stud. Text-book Bot.* 2: 540. Mar 1895
Orontiaceae Bartl., *Ord. Nat. Pl.*: 24, 68. Sep 1830
Philodendraceae Vines, *Stud. Text-book Bot.* 2: 540. Mar 1895
Pistiaceae Rich. ex C.Agardh, *Aphor. Bot.*: 130. 19 Jun 1822
Pothaceae Raf., *Fl. Tellur.* 4: 16. (med.) 1838
Wolffiaceae Bubani, *Fl. Pyren.* 4: 22. 15–28 Feb 1902
31. **Tofieldiaceae** Takht., *Bot. Zhurn. (Moscow & Leningrad)* 17(12): 65. 7–28 Feb 1995
32. **Alismataceae** Vent., *Tabl. Règne Vég.* 2: 157. 5 Mai 1799, *nom. cons.*

- Damasoniaceae* Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 213. 20 Jul 1943
Limnocharitaceae Takht. ex Cronquist, *Integr. Syst. Class. Fl. Pl.*: 1048. 10 Aug 1981
33. **Butomaceae** Mirb., *Hist. Nat. Pl.* 8: 194. 1804, *nom. cons.*
34. **Hydrocharitaceae** Juss., *Gen. Pl.*: 67. 4 Aug 1789, *nom. cons.*
Blyxaceae Nakai, *J. Jap. Bot.* 24: 14. Dec 1949
Elodeaceae Dumort., *Anal. Fam. Pl.*: 54. 1829
Enhalaceae Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 210, 211. 20 Jul 1943
Halophilaceae J. Agardh, *Theoria Syst. Pl.*: 50. Apr–Sep 1858
Hydrillaceae Prantl, *Lehrb. Bot.*, ed. 3: 188. 24 Jan 1879
Najadaceae Juss., *Gen. Pl.*: 18. 4 Aug 1789, *nom. cons.*
Stratiotaceae Schultz Sch., *Nat. Syst. Pflanzenr.*: 274. 30 Jan–10 Feb 1832
Thalassiaceae Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 210. 20 Jul 1943
Vallisneriaceae Dumort., *Anal. Fam. Pl.*: 54, 55. 1829
35. **Scheuchzeriaceae** F. Rudolphi, *Syst. Orb. Veg.*: 28. 5–12 Jul 1830, *nom. cons.*
36. **Aponogetonaceae** Planch., *Bot. Mag.* 82: ad. t. 4894. 1 Jan 1856, *nom. cons.*
37. **Juncaginaceae** Rich., *Démonstr. Bot.*: ix. Mai 1808, *nom. cons.*
Heterostylaceae Hutch., *Fam. Fl. Pl.* 2: 41. 20 Jul 1934
Lilaeaceae Dumort., *Anal. Fam. Pl.*: 62, 65. 1829, *nom. cons.*
Maundiaceae Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 213. 20 Jul 1943
Triglochinaceae Bercht. & J. Presl, *Přir. Rostlin* 1(7*–13): 1, 2. 1823
38. **Zosteraceae** Dumort., *Anal. Fam. Pl.*: 65, 66. 1829, *nom. cons.*
39. **Potamogetonaceae** Bercht. & J. Presl, *Přir. Rostlin* 1(7*–13): 1, 3. 1823, *nom. cons.*
Zannichelliaceae Chevall., *Fl. Gén. Env. Paris* 2: 257. 1827, *nom. cons.*
40. **Posidoniaceae** Vines, *Stud. Text-book Bot.* 2: 553. Mar 1895, *nom. cons.*
41. **Ruppiceae** Horan., *Prim. Lin. Syst. Nat.*: 46. 2 Nov 1834, *nom. cons.*
42. **Cymodoceaceae** Vines, *Stud. Text-book Bot.* 2: 553. Mar 1895, *nom. cons.*
11. **Petrosaviales** Takht., *Divers. Classif. Fl. Pl.*: 577. 24 Apr 1997
Miyoshiales Nakai, *J. Jap. Bot.* 17: 189. Apr 1941
43. **Petrosaviaceae** Hutch., *Fam. Fl. Pl.* 2: 36. 20 Jul 1934, *nom. cons.*
Japonoliriaceae Takht., *Bot. Zhurn. (Moscow & Leningrad)* 81(2): 85. Mai–Jun 1996
Miyoshiaceae Nakai, *J. Jap. Bot.* 17: 190. Apr 1941
12. **Dioscoreales** Mart., *Consp. Regn. Veg.*: 9. Sep–Oct 1835
Burmanniales Mart., *Consp. Regn. Veg.*: 9. Sep–Oct 1835
Nartheciales Reveal & Zomlefer, *Novon* 8: 176. 15 Jul 1998
Taccales Dumort., *Anal. Fam. Pl.*: 57. 1829
Tamales Dumort., *Anal. Fam. Pl.*: 57. 1829
44. **Nartheciaceae** Fr. ex Bjurzon, *Skandin. Växtfam.*: 64. 1846
Lophiolaceae Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 225. 20 Jul 1943
45. **Burmanniaceae** Blume, *Enum. Pl. Javae*: 27. Oct–Dec 1827, *nom. cons.*
Thismiaceae J. Agardh, *Theoria Syst. Pl.*: 99. Apr–Sep 1858, *nom. cons.*
46. **Dioscoreaceae** R. Br., *Prodr.*: 294. 27 Mar 1810, *nom. cons.*
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Amomaceae J.St.-Hil., *Expos. Fam. Nat.* 1: 154. Jan–Aug 1805
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92. **Bromeliaceae** Juss., *Gen. Pl.*: 49. 4 Aug 1789, *nom. cons.*
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Elegiaceae Raf., *Fl. Tellur.* 4: 32, 33. (med.) 1838
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106. **Poaceae** Barnhart, *Bull. Torrey Bot. Club* 22: 7. 15 Jan 1895, *nom. cons.*, *nom. alt.*
Aegilopaceae Martinov, *Tekhno-Bot. Slovar*: 221. 3 Aug 1820
Agrostidaceae Bercht. & J.Presl, *Přir. Rostlin*: 264. Jan–Apr 1820
Alopecuraceae Martinov, *Tekhno-Bot. Slovar*: 19. 3 Aug 1820
Andropogonaceae Martinov, *Tekhno-Bot. Slovar*: 28. 3 Aug 1820

Anomochloaceae Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 222. 20 Jul 1943
Anthoxanthaceae Link, *Hort. Berol.* 1: 271. 1 Oct–27 Nov 1827
Arundinaceae Döll, *Rhein. Fl.*: 60. 24–27 Mai 1843
Arundinellaceae Herter, *Revista Sudamer. Bot.* 6: 136. Jun 1940
Asperellaceae Link, *Hort. Berol.* 1: 106, 270. 1 Oct–27 Nov 1827
Avenaceae Martinov, *Tekhno-Bot. Slovar*: 60. 31 3 Aug 1820
Bambusaceae Bercht. & J.Presl, *Přir. Rostlin*: 265. Jan–Apr 1820
Bromaceae Bercht. & J.Presl, *Přir. Rostlin*: 264. Jan–Apr 1820
Cenchraceae Link, *Hort. Berol.* 1: 9, 268. 1 Oct–27 Nov 1827
Chaeturaeae Link, *Hort. Berol.* 1: 106, 269. 1 Oct–27 Nov 1827
Chloridaceae Bercht. & J.Presl, *Přir. Rostlin*: 265. Jan–Apr 1820
Coleanthaceae Pfeiff., *Nomencl. Bot.* 1(2): 818. ante 3 Oct 1873
Cynodontaceae Link, *Hort. Berol.* 1: 51, 269. 1 Oct–27 Nov 1827
Cynosuraceae Link, *Hort. Berol.* 1: 271–272. 1 Oct–27 Nov 1827
Echinariaceae Link, *Hort. Berol.* 1: 271. 1 Oct–27 Nov 1827
Ehrhartaceae Link, *Hort. Berol.* 1: 271. 1 Oct–27 Nov 1827
Eragrostidaceae Herter, *Revista Sudamer. Bot.* 6: 145. Jun 1940
Festucaceae Spreng. in J. Sadler, *Fl. Comit. Pest.*: 1: 28. 27 Jun 1825
Glyceriaceae Link, *Hort. Berol.* 1: 271. 1 Oct–27 Nov 1827
Gramineae Juss., *Gen. Pl.*: 28. 4 Aug 1789, *nom. cons.*
Holcaceae Link, *Hort. Berol.* 2: 252. Jul–Dec 1833
Hordeaceae Bercht. & J.Presl, *Přir. Rostlin*: 265. Jan–Apr 1820
Laguraceae Link, *Hort. Berol.* 2: 250. Jul–Dec 1833
Lepturaceae Herter, *Revista Sudamer. Bot.* 6: 147. Jun 1940
Loliaceae Link, *Hort. Berol.* 1: 6, 267. 1 Oct–27 Nov 1827
Melicaceae Martinov, *Tekhno-Bot. Slovar*: 390. 3 Aug 1820
Miliaceae Link, *Hort. Berol.* 1: 91, 270. 1 Oct–27 Nov 1827
Nardaceae Martinov, *Tekhno-Bot. Slovar*: 413. 3 Aug 1820
Olyraceae Bercht. & J.Presl, *Přir. Rostlin*: 265. Jan–Apr 1820
Ophiuraceae Link, *Hort. Berol.* 1: 3, 268. 1 Oct–27 Nov 1827
Oryzaceae Bercht. & J.Presl, *Přir. Rostlin*: 265. Jan–Apr 1820
Panicaceae Bercht. & J.Presl, *Přir. Rostlin*: 264. Jan–Apr 1820
Pappophoraceae Herter, *Revista Sudamer. Bot.* 6: 145. Jun 1940
Parianaceae Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 222. 20 Jul 1943
Paspalaceae Link, *Hort. Berol.* 1: 47, 269. 1 Oct–27 Nov 1827
Phalaridaceae Link, *Hort. Berol.* 2: 250. Jul–Dec 1833
Pharaceae Herter, *Revista Sudamer. Bot.* 6: 139. Jun 1940
Phleaceae Link, *Hort. Berol.* 1: 269. 1 Oct–27 Nov 1827
Saccharaceae Bercht. & J.Presl, *Přir. Rostlin*: 265. Jan–Apr 1820
Sesleriaceae Döll, *Rhein. Fl.*: 60. 24–27 Mai 1843
Spartinaceae Link, *Hort. Berol.* 1: 46, 268. 1 Oct–27 Nov 1827
Stipaceae Bercht. & J.Presl, *Přir. Rostlin*: 264. Jan–Apr 1820
Streptochaetaceae Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 222. 20 Jul 1943
Triticaceae Link, *Hort. Berol.* 1: 22, 268. 1 Oct–27 Nov 1827
Zeaceae A.Kern., *Pflanzenleben* 2: 651. 8 Aug 1891
Zoysiaceae Link, *Hort. Berol.* 1: 8, 268. 1 Oct–27 Nov 1827

F. **Ceratophyllanae** Takht. ex Reveal & Doweld, *Novon* 9: 549. 30 Dec 1999

21. **Ceratophyllales** Link, *Handbuch* 2: 406. 4–11 Jul 1829

107. **Ceratophyllaceae** Gray, *Nat. Arr. Brit. Pl.* 2: 395, 554. 10 Jan 1822, *nom. cons.*

G. **Ranunculanae** Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992

Berberidanae Doweld, *Tent. Syst. Pl. Vasc.*: xxv, xxvi. 23 Dec 2001

Eupteleanae Doweld, *Tent. Syst. Pl. Vasc.*: xxv. 23 Dec 2001

Papaveranae Doweld, *Tent. Syst. Pl. Vasc.*: xxv. 23 Dec 2001

22. **Ranunculales** Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 215. Jan–Apr 1820

- Berberidales* Bercht. & J.Presl, *Přir. Rostlin*: 226. Jan–Apr 1820
Circaeasterales Takht., *Divers. Classif. Fl. Pl.*: 97. 24 Apr 1997
Eupteleales Hu ex Reveal, *Phytologia* 74: 174. 25 Mar 1993
Fumariales Link, *Handbuch* 2: 274. 4–11 Jul 1829
Glaucidiales Takht. ex Reveal, *Novon* 2: 238. 13 Oct 1992
Helleborales Nakai, *J. Jap. Bot.* 24: 10. Dec 1949
Hydrastidales Takht., *Divers. Classif. Fl. Pl.*: 389. 24 Apr 1997
Lardizabalales Leconte in D.W. Taylor & L.J. Hickey, *Fl. Pl. Orig. Evol. & Phylog.*: 274. 21 Dec 1995
Menispermiales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 225. Jan–Apr 1820
Nandiniales Doweld, *Byull. Mosk. Obshch. Ispyt. Prir., Biol.* 105(5): 60. 9 Oct 2000
Papaverales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 216. Jan–Apr 1820
Podophyllales Dumort., *Anal. Fam. Pl.*: 45. 1829
108. **Eupteleaceae** K.Wilh., *Samenpflanzen*: 17. 12 Nov 1910, *nom. cons.*
109. **Papaveraceae** Juss., *Gen. Pl.*: 235. 4 Aug 1789, *nom. cons.*
Chelidoniaceae Martinov, *Tekhno-Bot. Slovar*: 124. 3 Aug 1820
Eschscholziaceae Ser., *Fl. Jard.* 2: 106. Apr 1847
Fumariaceae Marquis, *Esq. Règne Vég.*: 50. 15–22 Jul 1820, *nom. cons.*
Hypecoaceae Willk. & Lange, *Prodr. Fl. Hispan.* 3: 875. Apr–Mai 1880
Platystemonaceae Lilja, *Skånes Fl.*, ed. 2: 862, 979. Apr–Dec 1870
Pteridophyllaceae Sugiura ex Nakai, *Chosakuronbun Mokuroku* [Ord. Fam. Trib. Nov.]: 240. 20 Jul 1943
110. **Circaeasteraceae** Hutch., *Fam. Fl. Pl.* 1: 98. 15 Jan 1926, *nom. cons.*
Kingdoniaceae A.S.Foster ex AiryShaw, *Kew Bull.* 18: 262. 8 Dec 1965
111. **Lardizabalaceae** R.Br., *Trans. Linn. Soc. London* 13: 212. 23 Mai–21 Jun 1821, *nom. cons.*
Decaisneaceae Loconte, *Pl. Syst. Evol.* 9(Suppl.): S105. Dec 1995
Sargentodoxaceae Stapf ex Hutch., *Fam. Fl. Pl.* 1: 100. 15 Jan 1926, *nom. cons.*
Sinofranchetiaceae Doweld, *Byull. Mosk. Obshch. Ispyt. Prir., Biol.* 105(5): 60. 9 Oct 2000
112. **Menispermaceae** Juss., *Gen. Pl.*: 284. 4 Aug 1789, *nom. cons.*
Pseliaceae Raf., *New Fl. N. Amer.* 4: 8. (med.) 1838
113. **Berberidaceae** Juss., *Gen. Pl.*: 286. 4 Aug 1789, *nom. cons.*
Diphylleaceae Schultz Sch., *Nat. Syst. Pflanzenr.*: 328. 30 Jan–10 Feb 1832
Epimediaceae Menge, *Cat. Pl. Grudent. Gedan.*: 122. 1839
Leonticaceae AiryShaw, *Kew Bull.* 18: 263. 8 Dec 1965
Nandinaceae Horan., *Prim. Lin. Syst. Nat.*: 90. 2 Nov 1834
Podophyllaceae DC., *Syst. Nat.* 1: 126. 1–15 Nov 1817, *nom. cons.*
Ranzaniaceae Takht., *Bot. Zhurn. (Moscow & Leningrad)* 79(1): 96. Jan 1994
114. **Ranunculaceae** Juss., *Gen. Pl.*: 231. 4 Aug 1789, *nom. cons.*
Aconitaceae Bercht. & J.Presl, *Přir. Rostlin*: 216. Jan–Apr 1820
Actaeaceae Bercht. & J.Presl, *Přir. Rostlin* 1(16*–53): 2, 140. 1823
Anemonaceae Vest, *Anleit. Stud. Bot.*: 264, 275. 1818
Aquilegiaceae Lilja, *Skånes Fl.*, ed. 2: 375, 861, 979. Apr–Dec 1870
Calthaceae Martinov, *Tekhno-Bot. Slovar*: 92. 3 Aug 1820
Cimicifugaceae Bromhead, *Mag. Nat. Hist.*, n.s., 4: 336, 338. Jul 1840
Clematidaceae Martinov, *Tekhno-Bot. Slovar*: 134. 3 Aug 1820
Delphiniaceae Brenner, *Florist. Handb.*: 52. 1886
Glaucidiaceae Tamura, *Bot. Mag. (Tokyo)* 85: 40. Mar 1972
Helleboraceae Vest, *Anleit. Stud. Bot.*: 264, 274. 1818
Hydrastidaceae Martinov, *Tekhno-Bot. Slovar*: 318. 3 Aug 1820
Nigellaceae J.Agardh, *Theoria Syst. Pl.*: 76. Apr–Sep 1858
Thalictraceae Raf., *Anal. Nat.*: 176. Apr–Jul 1815
Xanthorhizaceae Bercht. & J.Presl, *Přir. Rostlin* 1(16*–53): 2, 145. 1823
- H. **Proteanae** Takht., *Sist. Filog. Cvetk. Rast.*: 401. 4 Feb 1967
Nelumbonanae Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992

- Sabianae* Doweld, *Tent. Syst. Pl. Vasc.*: xxvii. 23 Dec 2001
23. **Sabiales** Takht., *Divers. Classif. Fl. Pl.*: 304. 24 Apr 1997
Meliosmales C.Y. Wu *et al.*, *Acta Phytotax. Sin.* 40: 312. 2002
115. **Sabiaceae** Blume, *Mus. Bot.* 1: 368. 1851, *nom. cons.*
Meliosmaceae Meisn., *Pl. Vasc. Gen.: Comm.* 346. 2–4 Nov 1843
Wellingtoniaceae Meisn., *Pl. Vasc. Gen.: Comm.* 207, 346. 25–31 Oct 1840
24. **Proteales** Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 234. Jan–Apr 1820
Nelumbonales Mart., *Consp. Regn. Veg.*: 38. Sep–Oct 1835
Platanales Mart., *Consp. Regn. Veg.*: 12. Sep–Oct 1835
116. **Nelumbonaceae** A.Rich. in J.B.G.M. Bory de Saint-Vincent, *Dict. Class. Hist. Nat.* 11: 492. 10 Feb 1827, *nom. cons.*
117. **Platanaceae** T.Lestib., *Botanogr. Elém.*: 526. 12–19 Jun 1826, *nom. cons.*
118. **Proteaceae** Juss., *Gen. Pl.*: 78. 4 Aug 1789, *nom. cons.*
Banksiaceae Bercht. & J.Presl, *Přir. Rostlin*: 235. Jan–Apr 1820
Lepidocarpaceae Schultz Sch., *Nat. Syst. Pflanzenr.*: 374. 30 Jan–10 Feb 1832
- I. **Trochodendranæ** Takht. ex Reveal, *Phytologia* 79: 71. 29 Apr 1996 (Note: Trochodendranæ was inadvertently omitted from the classification in Chase & Reveal (2009), but it was included in their tree; we therefore use it here.)
25. **Trochodendrales** Takht. ex Cronquist, *Integr. Syst. Class. Fl. Pl.*: 157. 10 Aug 1981
119. **Trochodendraceae** Eichler, *Flora* 48: 14. 18 Jan 1865, *nom. cons.*
Tetracentraceae A.C.Sm., *J. Arnold Arbor.* 26: 135. 16 Apr 1945, *nom. cons.*
- J. **Buxanae** Takht. ex Reveal & Doweld, *Novon* 9: 549. 30 Dec 1999
26. **Buxales** Takht. ex Reveal, *Phytologia* 79: 72. 29 Apr 1996
Didymelales Takht., *Sist. Filog. Cvetk. Rast.*: 118. 4 Feb 1967
120. **Haptanthaceae** C.Nelson, *Ceiba* 42: 33. Mai 2002
121. **Buxaceae** Dumort., *Comment. Bot.*: 54. Nov–Dec 1822, *nom. cons.*
Didymelaceae Leandri, *Ann. Sci. Nat. Bot.*, sér. 10, 19: 316. Mai 1937
Pachysandraceae J.Agardh, *Theoria Syst. Pl.*: 358. Apr–Sep 1858
Stylocerataceae Takht. ex Reveal & Hoogland, *Bull. Mus. Natl. Hist. Nat.*, sér. 4, sect. B *Adansonia* 12: 206. 24 Nov 1990
- K. **Myrothamnanae** Takht., *Divers. Classif. Fl. Pl.*: 134. 24 Apr 1997
27. **Gunnerales** Takht. ex Reveal, *Novon* 2: 239. 13 Oct 1992
Myrothamnales Nakai ex Reveal, *Phytologia* 74: 176. 25 Mar 1993
122. **Gunneraceae** Meisn., *Pl. Vasc. Gen.*: Tab. Diagn. 345, 346, Comm. 257. 13–15 Feb 1842, *nom. cons.*
123. **Myrothamnaceae** Nied. in H.G.A. Engler & K.A.E. Prantl, *Nat. Pflanzenfam.* III, 2a: 103. 9 Mar 1891, *nom. cons.*
- L. **Dilleniana** Takht. ex Doweld, *Tent. Syst. Pl. Vasc.*: xxviii. 23 Dec 2001 [Note: this superorder and order were not recognized for the unplaced family Dilleniaceae in Chase & Reveal (2009), but we treat this family here so that it is clearly placed in the system, pending eventual resolution of their phylogenetic position.]
28. **Dilleniales** DC. ex Bercht. & J.Presl, *Přir. Rostlin*: 223. Jan–Apr 1820
124. **Dilleniaceae** Salisb., *Parad. Lond.* 2: ad t. 73. 1 Jun 1807, *nom. cons.*
Delimaceae Mart., *Consp. Regn. Veg.*: 39. Sep–Oct 1835
Hibbertiaceae J.Agardh, *Theoria Syst. Pl.*: 200. Apr–Sep 1858
Soramiaceae Martinov, *Tekhno-Bot. Slovar*: 586. 3 Aug 1820
- M. **Saxifraganae** Reveal, *Phytologia* 76: 4. 2 Mai 1994 [Note: this superorder was not recognized for the unplaced order Saxifragales in Chase & Reveal (2009), but we treat this order here so that it is clearly placed in the system, pending eventual resolution of their phylogenetic position.]
- Daphniphyllanae* Takht., *Divers. Classif. Fl. Pl.*: 140. 24 Apr 1997
Hamamelidanae Takht., *Sist. Filog. Cvetk. Rast.*: 113. 4 Feb 1967
Paeoniana Doweld, *Tent. Syst. Pl. Vasc.*: xxvii. 23 Dec 2001
29. **Saxifragales** Bercht. & J.Presl, *Přir. Rostlin*: 259. Jan–Apr 1820
Altingiales Doweld, *Ann. Bot. (London)* 82: 435. Oct 1998
Cercidiphyllales Hu ex Reveal, *Phytologia* 74: 174. 25 Mar 1993
Crassulales Link, *Handbuch* 2: 18. 4–11 Jul 1829

- Daphniphyllales* Hurus., *J. Fac. Sci. Univ. Tokyo*, ser. 3, Bot. 6: 215. 15 Aug 1954
Fothergillales Link, *Handbuch* 2: 445. 4–11 Jul 1829
Grossulariales DC. ex Bercht. & J.Presl, *Přir. Rostlin*: 236. Jan–Apr 1820
Haloragales Link, *Handbuch* 2: 52. 4–11 Jul 1829
Hamamelidales Link, *Handbuch* 2: 4. 4–11 Jul 1829
Iteales Doweld, *Tent. Syst. Pl. Vasc.*: xxviii. 23 Dec 2001
Medusandrales Brenan, *Kew Bull.* 7: 228. 25 Jul 1952
Paeoniales Heintze, *Cormofyt. Fylog.*: 12. 1 Jun 1927
Peridisciales Doweld in A. Doweld & J.L. Reveal, *Phytologia* 90: 416. 1 Dec 2008
Sedales Rchb., *Bot. Damen*: 462. 1856
Sempervivales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 238. Jan–Apr 1820
125. **Peridiscaceae** Kuhl., *Arq. Serv. Florest.* 3: 4. 1950, *nom. cons.*
Medusandraceae Brenan, *Kew Bull.* 7: 228. 25 Jul 1952., *nom. cons.*
126. **Paeoniaceae** Raf., *Anal. Nat.*: 176. Apr–Jul 1815, *nom. cons.*
127. **Altingiaceae** Horan., *Osnov. Bot.*: 271. 1841, *nom. cons.*
128. **Hamamelidaceae** R.Br. in C. Abel, *Narr. Journey China*: 374. 15 Aug 1818, *nom. cons.*
Disanthaceae Nakai, *Chosakuronbun Mokuroku [Ord. Fam. Trib. Nov.]*: 246. 20 Jul 1943
Exbucklandiaceae Reveal & Doweld, *Novon* 9: 552. 30 Dec 1999
Fothergillaceae Nutt., *Gen. N. Amer. Pl.* 1: 108. 14 Jul 1818
Parrotiaceae Horan., *Prim. Lin. Syst. Nat.*: 79. 2 Nov 1834
Rhodoleiaceae Nakai, *Chosakuronbun Mokuroku [Ord. Fam. Trib. Nov.]*: 246. 20 Jul 1943
129. **Cercidiphyllaceae** Engl., *Syllabus*, ed. 5: 126. 20–22 Jul 1907, *nom. cons.*
130. **Daphniphyllaceae** Müll.-Arg. in A.P. de Candolle & A.L.P.P. de Candolle, *Prodr.* 16(1): 1. med. Nov 1869, *nom. cons.*
131. **Iteaceae** J.Agardh, *Theoria Syst. Pl.*: 151. Apr–Sep 1858, *nom. cons.*
Pterostemonaceae Small in N.L. Britton, *N. Amer. Fl.* 22(1): 2. 22 Mai 1905, *nom. cons.*
132. **Grossulariaceae** DC. in J.B.A.P.M. de Lamarck & A.P. de Candolle, *Fl. Franç.*, ed. 3, 4(2): 405. 17 Sep 1805, *nom. cons.*
Ribesiaceae Marquis, *Esq. Règne Vég.*: 66. 15–22 Jul 1820
133. **Saxifragaceae** Juss., *Gen. Pl.*: 308. 4 Aug 1789, *nom. cons.*
Brachycaulaceae Panigrahi & Dikshit in G. Panigrahi, *Panigrahi, Proc. 90th Indian Sci. Congr. Part III (Advance Abstr.)*: 54. 2003
Chrysospleniaceae Bercht. & J.Presl, *Přir. Rostlin*: 259. Jan–Apr 1820
Pectiantiaceae Raf., *Fl. Tellur.* 2: 73. Jan–Mar 1837
134. **Crassulaceae** J.St.-Hil., *Expos. Fam. Nat.* 2: 123. Feb–Apr 1805, *nom. cons.*
Cotyledonaceae Martinov, *Tekhno-Bot. Slovar*: 168. 3 Aug 1820
Rhodiolaceae Martinov, *Tekhno-Bot. Slovar*: 546. 3 Aug 1820
Sedaceae Roussel, *Fl. Calvados*, ed. 2: 291. 30 Mai 1806
Sempervivaceae Juss., *Gen. Pl.*: 207. 4 Aug 1789
Tillaeaceae Martinov, *Tekhno-Bot. Slovar*: 635. 3 Aug 1820
135. **Aphanopetalaceae** Doweld, *Tent. Syst. Pl. Vasc.*: xxvii. 23 Dec 2001
136. **Tetracarpaeaceae** Nakai, *Chosakuronbun Mokuroku [Ord. Fam. Trib. Nov.]*: 244. 20 Jul 1943
137. **Penthoraceae** Rydb. ex Britton, *Man. Fl. N. States*: 475. Oct 1901, *nom. cons.*
138. **Haloragaceae** R.Br. in M. Flinders, *Voy. Terra Austral.* 2: 549. 19 Jul 1814, *nom. cons.*
Cercodiaceae Juss. in F. Cuvier, *Dict. Sci. Nat.* 7: 441. 24 Mai 1817
Myriophyllaceae Schultz Sch., *Nat. Syst. Pflanzenr.*: 324. 30 Jan–10 Feb 1832
30. **Cynomoriales** Burnett, *Outl. Bot.*: 1090, 1100. Feb 1835 [Note: this family is listed as unplaced in APG III and not placed in Cynomoriales; we treat them in this manner just to keep them in the system until they are placed.]
139. **Cynomoriaceae** Endl. ex Lindl., *Nix. Pl.*: 23. 17 Sep 1833, *nom. cons.*
- N. **Rosanae** Takht., *Sist. Filog. Cvetk. Rast.*: 264. 4 Feb 1967
Barbeyanae Takht. ex Reveal & Doweld, *Novon* 9: 549. 30 Dec 1999
Begoniana Doweld, *Tent. Syst. Pl. Vasc.*: xxxix. 23 Dec 2001
Burseranae Doweld, *Tent. Syst. Pl. Vasc.*: xxxiv. 23 Dec 2001
Capparanae Reveal, *Phytologia* 76: 3. 2 Mai 1994

- Casuarinanae* Takht. ex Reveal & Doweld, *Novon* 9: 549. 30 Dec 1999
Celastranae Takht., *Sist. Filog. Cvetk. Rast.*: 371. 4 Feb 1967
Corynocarpanae Takht., *Divers. Classif. Fl. Pl.*: 340. 24 Apr 1997
Crossosomatanae Doweld, *Tent. Syst. Pl. Vasc.*: xxxiv. 23 Dec 2001
Cucurbitanae Reveal, *Phytologia* 76: 4. 2 Mai 1994
Euphorbiana Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992
Fabanae R.Dahlgren ex Reveal, *Phytologia* 74: 179. 25 Mar 1993
Faganae Takht., *Divers. Classif. Fl. Pl.*: 146. 24 Apr 1997
Geraniana Thorne ex Reveal, *Novon* 2: 236. 13 Oct 1992
Gyrostemonanae Takht., *Divers. Classif. Fl. Pl.*: 123. 24 Apr 1997
Huerteanae Thorne & Reveal, *Bot. Rev. (Lancaster)* 73: 116. 29 Jun 2007
Juglandanae Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992
Malvanae Takht., *Sist. Filog. Cvetk. Rast.*: 242. 4 Feb 1967
Myrtanae Takht., *Sist. Filog. Cvetk. Rast.*: 295. 4 Feb 1967
Ochnanae Doweld, *Tent. Syst. Pl. Vasc.*: xxxiii. 23 Dec 2001
Oxalidanae Doweld, *Tent. Syst. Pl. Vasc.*: xxx. 23 Dec 2001
Podostemanae R.Dahlgren ex Reveal, *Novon* 2: 236. 13 Oct 1992
Polygalanae Doweld, *Tent. Syst. Pl. Vasc.*: xxxviii. 23 Dec 2001
Rafflesianae Thorne ex Reveal, *Phytologia* 79: 71. 29 Apr 1996
Rhamnanae Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992
Rhizophoranae Takht. ex Reveal & Doweld, *Novon* 9: 550. 30 Dec 1999
Rutanae Takht., *Sist. Filog. Cvetk. Rast.*: 311. 4 Feb 1967
Sapindanae Doweld, *Tent. Syst. Pl. Vasc.*: xxxiv. 23 Dec 2001
Urticanae Takht. ex Reveal, *Novon* 2: 237. 13 Oct 1992
Violanae R.Dahlgren ex Reveal, *Novon* 2: 237. 13 Oct 1992
Vitanae Takht. ex Reveal, *Novon* 2: 237. 13 Oct 1992
Zygophyllanae Doweld, *Tent. Syst. Pl. Vasc.*: xxxviii. 23 Dec 2001
31. **Vitales** Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 225. Jan–Apr 1820
Leeales Mart., *Consp. Regn. Veg.*: 26. Sep–Oct 1835
140. **Vitaceae** Juss., *Gen. Pl.*: 267. 4 Aug 1789, *nom. cons.*
Ampelopsidaceae Kostel., *Allg. Med.-Pharm. Fl.*: 1194. Jan–Oct 1835
Cissaceae Drejer, *Comp. Medic. Bot.*: 45. 1840
Leeaceae Dumort., *Anal. Fam. Pl.*: 21, 27. 1829, *nom. cons.*
Pterisanthaceae J.Agardh, *Theoria Syst. Pl.*: 268. Apr–Sep 1858
32. **Zygophyllales** Link, *Handbuch* 2: 228. 4–11 Jul 1829
Balanitales C.Y.Wu, *Acta Phytotax. Sin.* 40: 314. 2002
Krameriales Mart., *Consp. Regn. Veg.*: 44. Sep–Oct 1835
141. **Krameriaceae** Dumort., *Anal. Fam. Pl.*: 20, 23. 1829, *nom. cons.*
142. **Zygophyllaceae** R.Br. in M. Flinders, *Voy. Terra Austral.* 2: 545. 19 Jul 1814, *nom. cons.*
Balanitaceae M.Roem., *Fam. Nat. Syn. Monogr.* 1: 26. 14 Sep–15 Oct 1846, *nom. cons.*
Tribulaceae Trautv., *Estestv. Istor. Gub. Kievsk. Uchebn. Okr. Bot. Sist.*: 28. 1853
33. **Fabales** Bromhead, *Edinburgh New Philos. J.* 25: 126. Jul 1838
Caesalpinales Mart., *Consp. Regn. Veg.*: 34. Sep–Oct 1835
Cassiales Link, *Handbuch* 2: 135. 4–11 Jul 1829
Mimosales Link, *Handbuch* 2: 131. 4–11 Jul 1829
Polygalales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 228. Jan–Apr 1820
Quillajales Doweld, *Tent. Syst. Pl. Vasc.*: xxxviii. 23 Dec 2001
Surianales Doweld, *Tent. Syst. Pl. Vasc.*: xxxviii. 23 Dec 2001
143. **Quillajaceae** D.Don, *Edinburgh New Philos. J.* 10: 229. 1831
144. **Fabaceae** Lindl., *Edwards's Bot. Reg.* 22: ad t. 1845. 1 Apr 1836, *nom. cons.*, *nom. alt.*
Acaciaceae E.Mey., *Comm. Pl. Afr. Austr.* 1: 164. 14 Feb–5 Jun 1836
Aspalathaceae Martinov, *Tekhno-Bot. Slovar*: 51. 3 Aug 1820
Astragalaceae Bercht. & J.Presl, *Přir. Rostlin*: 229. Jan–Apr 1820
Bauhiniaceae Martinov, *Tekhno-Bot. Slovar*: 67. 3 Aug 1820

- Caesalpiniaceae* R.Br. in M. Flinders, *Voy. Terra Austral.* 2: 551. 19 Jul 1814, *nom. cons.*
Cassiaceae Vest, *Anleit. Stud. Bot.*: 270, 291. 1818
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Coronillaceae, Martinov, *Tekhno-Bot. Slovar*: 162. 3 Aug 1820
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315. **Portulacaceae** Juss., *Gen. Pl.*: 312. 4 Aug 1789, *nom. cons.*
316. **Anacampserotaceae** Egli & Nyffeler, *Taxon* 59: 232. 5 Feb 2010
317. **Cactaceae** Juss., *Gen. Pl.*: 310. 4 Aug 1789, *nom. cons.*

Cereaceae DC. & Spreng. [transl. Jameson], *Elem. Philos. Bot.*: 142. Jul 1821
Nopaleaceae Schmid & Curtman, *Pflanzenr.* 2: 135. 10–11 Jun 1856
Opuntiaceae Desv. in S. Gérardin de Mirecourt & N.A. Desvaux, *Dict. Rais. Bot.*: 52, 385. 12–19 Apr 1817

R. **Asteranae** Takht., *Sist. Filog. Cvetk. Rast.*: 451. 4 Feb 1967

Aquifoliana Doweld, *Tent. Syst. Pl. Vasc.*: lii. 23 Dec 2001
Araliana Takht., *Sist. Filog. Cvetk. Rast.*: 357. 4 Feb 1967
Balsaminana Doweld, *Tent. Syst. Pl. Vasc.*: xlv. 23 Dec 2001
Boraginana Doweld, *Tent. Syst. Pl. Vasc.*: xlvii. 23 Dec 2001
Bruniana Doweld, *Tent. Syst. Pl. Vasc.*: liii. 23 Dec 2001
Campanulana Takht. ex Reveal, *Novon* 2: 235. 13 Oct 1992
Cornana Thorne ex Reveal, *Phytologia* 79: 71. 29 Apr 1996
Diapensiana Doweld, *Tent. Syst. Pl. Vasc.*: xlv. 23 Dec 2001
Dipsacana Takht., *Divers. Classif. Fl. Pl.*: 396. 24 Apr 1997
Ericana Takht., *Sist. Filog. Cvetk. Rast.*: 221. 4 Feb 1967
Escallonia Doweld, *Tent. Syst. Pl. Vasc.*: li. 23 Dec 2001
Eucommiana Takht. ex Reveal, *Phytologia* 74: 179. 25 Mar 1993
Gentiana Thorne ex Reveal, *Novon* 2: 236. 13 Oct 1992
Icacina Doweld, *Tent. Syst. Pl. Vasc.*: li. 23 Dec 2001
Lamiana Takht., *Sist. Filog. Cvetk. Rast.*: 405. 4 Feb 1967
Lecythidana Takht. ex Reveal, *Novon* 2: 236. 13 Oct 1992
Loasana R.Dahlgren ex Reveal, *Phytologia* 79: 71. 29 Apr 1996
Oleana Takht., *Divers. Classif. Fl. Pl.*: 449. 24 Apr 1997
Phellina Doweld, *Tent. Syst. Pl. Vasc.*: liv. 23 Dec 2001
Primulana R.Dahlgren ex Reveal, *Phytologia* 79: 71. 29 Apr 1996
Sarraceniana Thorne ex Reveal, *Phytologia* 79: 71. 29 Apr 1996
Solanana R.Dahlgren ex Reveal, *Novon* 2: 236. 13 Oct 1992
Theana R.Dahlgren ex Reveal, *Phytologia* 74: 179. 25 Mar 1993
Vahlia Doweld, *Tent. Syst. Pl. Vasc.*: xlviii. 23 Dec 2001

51. **Cornales** Link, *Handbuch* 2: 2. 4–11 Jul 1829

Alangiales Mart., *Consp. Regn. Veg.*: 47. Sep–Oct 1835
Grubbiales Doweld, *Tent. Syst. Pl. Vasc.*: li. 23 Dec 2001
Hortensiales J.Presl, *Nowočeská Bibl. [Wšobecný Rostl.]* 7: 690. 1846
Hydrangeales Mart., *Consp. Regn. Veg.*: 63. Sep–Oct 1835
Hydrostachyales Diels ex Reveal, *Phytologia* 74: 174. 25 Mar 1993
Loasales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 232. Jan–Apr 1820
Nyssales Mart., *Consp. Regn. Veg.*: 15. Sep–Oct 1835
Philadelphales Link, *Handbuch* 2: 70. 4–11 Jul 1829

318. **Hydrostachyaceae** Engl., *Bot. Jahrb. Syst.* 20: 136. 16 Nov 1894, *nom. cons.*

319. **Curtisiaceae** Takht., *Sist. Magnoliif. [Syst. Magnolioph.]*: 214. 24 Jun 1987

320. **Grubbiaceae** Endl. ex Meisn., *Pl. Vasc. Gen.*: Tab Diagn. 323, Comm. 239. 18–24 Jul 1841, *nom. cons.*

Ophiraceae Arn., *J. Bot. (Hooker)* 3: 266. Feb 1841

321. **Cornaceae** Bercht. & J.Presl, *Přir. Rostlin* 2(23*): 91, 92. 1825, *nom. cons.*

Alangiaceae DC., *Prodr.* 3: 203. med. Mar 1828, *nom. cons.*

Davidiaceae H.L.Li, *Lloydia* 17: 330. 18 Mar 1955

Mastixiaceae Calest., *Webbia* 1: 94. 10 Mai 1905

Nyssaceae Juss. ex Dumort., *Anal. Fam. Pl.*: 13. 1829, *nom. cons.*

322. **Hydrangeaceae** Dumort., *Anal. Fam. Pl.*: 36, 38. 1829, *nom. cons.*

Hortensiaceae Martinov, *Tekhno-Bot. Slovar*: 315. 3 Aug 1820

Kirengeshomaceae Nakai, *Chosakuronbun Mokuroku [Ord. Fam. Trib. Nov.]*: 245. 20 Jul 1943

Philadelphaceae Martinov, *Tekhno-Bot. Slovar*: 478. 3 Aug 1820

323. **Loasaceae** Juss., *Ann. Mus. Natl. Hist. Nat.* 5: 21. 1804, *nom. cons.*

Cevalliaceae Griseb., *Grundr. Syst. Bot.*: 136. 1–2 Jun 1854

Gronoviaceae A.Juss. in V.V.D. d'Orbigny, *Dict. Univ. Hist. Nat.* 6: 340. 1845

52. **Ericales** Bercht. & J.Presl, *Přir. Rostlin*: 251. Jan–Apr 1820
Actinidiales Takht. ex Reveal, *Phytologia* 74: 174. 25 Mar 1993
Aegiceratales Mart., *Consp. Regn. Veg.*: 25. Sep–Oct 1835
Ardisiales J.Presl, *Nowočeská Bibl. [Wšobecný Rostl.]* 7: 1025. 1846
Balsaminales Link, *Handbuch* 2: 325. 4–11 Jul 1829
Barringtoniales Mart., *Consp. Regn. Veg.*: 65. Sep–Oct 1835
Camelliales Link, *Handbuch* 2: 346. 4–11 Jul 1829
Cyrillales Doweld, *Tent. Syst. Pl. Vasc.*: xliv. 23 Dec 2001
Diapensiales Engl. & Gilg, *Syllabus*, ed. 9–10: 314. Nov–Dec. 1924
Diospyrales Prantl, *Lehrb. Bot.*: 216. 20 Apr 1874
Ebenales Engl., *Syllabus*, ed. 1: 155. Apr 1892
Empetrales Mart., *Consp. Regn. Veg.*: 55. Sep–Oct 1835
Epacridales R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 251. Jan–Apr 1820
Fouquieriales Mart., *Consp. Regn. Veg.*: 50. Sep–Oct 1835
Gordoniales J.Presl. *Nowočeská Bibl. [Wšobecný Rostl.]* 7: 180. 1846
Halesiales Link, *Handbuch* 1: 667. 4–11 Jul 1829
Lecythidales Mart., *Consp. Regn. Veg.*: 65. Sep–Oct 1835
Lysimachiales Döll, *Rhein. Fl.*: 385. 24–27 Mai 1843
Marcgraviales Mart., *Consp. Regn. Veg.*: 61. Sep–Oct 1835
Mitrastemonales Makino, *Bot. Mag. (Tokyo)* 25: 252. Dec 1911
Monotropales Bercht. & J.Presl, *Přir. Rostlin*: 252. Jan–Apr 1820
Myrsinales R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 251. Jan–Apr 1820
Polemoniales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 248. Jan–Apr 1820
Primulales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 241. Jan–Apr 1820
Rhodorales Horan., *Char. Ess. Fam.*: 105. 30 Jun 1847
Roridulales Nakai, *Chosakuronbun Mokuroku [Ord. Fam. Trib. Nov.]*: 241. 20 Jul 1943
Samolales Dumort., *Anal. Fam. Pl.*: 29. 1829
Sapotales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 250. Jan–Apr 1820
Sarraceniales Mart., *Consp. Regn. Veg.*: 61. Sep–Oct 1835
Styracales Mart., *Consp. Regn. Veg.*: 26. Sep–Oct 1835
Ternstroemiales Mart., *Consp. Regn. Veg.*: 52. Sep–Oct 1835
Theales Bercht. & J.Presl, *Přir. Rostlin*: 219. Jan–Apr 1820
Vacciniales Dumort., *Anal. Fam. Pl.*: 28. 1829
324. **Balsaminaceae** A.Rich. in J.B.G.M. Bory de Saint-Vincent, *Dict. Class. Hist. Nat.* 2: 173. 31 Dec 1822, *nom. cons.*
Hydroceraceae Wilbr., *Nat. Pflanzenfam.*: 26. Jun–Dec 1834
Impatiaceae Lem., *Ill. Hort.* 1: ad t. 9. Mar 1854
325. **Marcgraviaceae** Bercht. & J.Presl, *Přir. Rostlin*: 218. Jan–Apr 1820, *nom. cons.*
Noranteaceae DC. ex Mart., *Consp. Regn. Veg.*: 61. Sep–Oct 1835
326. **Tetrameristaceae** Hutch., *Fam. Fl. Pl.*, ed. 2: 277. 4 Jun 1959
Pellicieraceae Bullock, *Taxon* 8: 192. 24 Jul 1959
327. **Fouquieriaceae** DC., *Prodr.* 3: 349. med. Mar 1828, *nom. cons.*
328. **Polemoniaceae** Juss., *Gen. Pl.*: 136. 4 Aug 1789, *nom. cons.*
Cobaeaceae D.Don, *Edinburgh Philos. J.* 10: 111. Jan 1824
329. **Lecythidaceae** A.Rich. in J.B.G.M. Bory de Saint-Vincent, *Dict. Class. Hist. Nat.* 9: 269. 25 Feb 1825, *nom. cons.*
Asteranthaceae R.Knuth in H.G.A. Engler & K.A.E. Prantl, *Nat. Pflanzenz.* IV, 219b (105): 1. 22 Aug 1939, *nom. cons.*
Barringtoniaceae F.Rudolphi, *Syst. Orb. Veg.*: 56. 5–12 Jul 1830, *nom. cons.*
Foetidiaceae AiryShaw, *Kew Bull.* 18: 258. 8 Dec 1965
Gustaviaceae Burnett, *Outl. Bot.*: 717, 1092, 1135. Feb 1835
Napoleonaeaceae A.Rich. in J.B.G.M. Bory de Saint-Vincent, *Dict. Class. Hist. Nat.* 11: 432. 10 Feb 1827
Rhaptopetalaceae Tiegh. in C.K. Schneider, *Just's Bot. Jahresber.* 33(2): 564. 1907

- Scytopetalaceae* Engl. in H.G.A. Engler & K.A.E. Prantl, *Nat. Pflanzenfam. Nachtr.*: 242. 4 Oct 1897, *nom. cons.*
330. **Sladeniaceae** AiryShaw, *Kew Bull.* 18: 267. 8 Dec 1965
331. **Pentaphylacaceae** Engl. in H.G.A. Engler & K.A.E. Prantl, *Nat. Pflanzenfam. Nachtr.*: 214. 4 Oct 1897, *nom. cons.*
Ternstroemiaceae Mirb. ex DC., *Essai Propr. Méd. Pl.*, ed. 2: 203. 11 Mai 1816
332. **Sapotaceae** Juss., *Gen. Pl.*: 151. 4 Aug 1789, *nom. cons.*
Achradaceae Vest, *Anleit. Stud. Bot.*: 273, 299. 1818
Boerlagellaceae H.J.Lam, *Bull. Jard. Bot. Buitenzorg*, ser. 3, 7: 250. Feb 1925
Bumeliaceae Barnhart, *Bull. Torrey Bot. Club* 22: 21. 15 Jan 1895
Sarcospermataceae H.J.Lam, *Bull. Jard. Bot. Buitenzorg*, ser. 3, 7: 248. Feb 1925 1925, *nom. cons.*
333. **Ebenaceae** Gürke in H.G.A. Engler & K.A.E. Prantl, *Nat. Pflanzenfam.* IV, 1: 153. Dec 1892, *nom. cons.*
Diospyraceae Vest, *Anleit. Stud. Bot.*: 271, 294. 1818
Lissocarpaceae Gilg in H.G.A. Engler & E.F. Gilg, *Syllabus*, ed. 9–10: 324. 6 Nov 1924, *nom. cons.*
334. **Primulaceae** Batsch ex Borkh., *Bot. Wörterb.* 2: 240. 1797, *nom. cons.*
Aegicerataceae Blume, *Nov. Pl. Expos.*: 17. Aug–Dec 1833
Anagallidaceae Batsch ex Borkh., *Bot. Wörterb.* 1: 19. 1797
Ardisiaceae Juss. *Ann. Mus. Natl. Hist. Nat.* 15: 350. 1810
Coridaceae J.Agardh, *Theoria Syst. Pl.*: 332. Apr–Sep 1858
Embeliaceae J.Agardh, *Theoria Syst. Pl.*: 140. Apr–Sep 1858
Hottoniaceae Döll, *Fl. Baden* 2: 641. med. 1858
Lysimachiaceae Juss., *Gen. Pl.*: 95. 4 Aug 1789
Maesaceae Anderb., B.Stähl & Källersjö, *Taxon* 49: 185. 16 Mai 2000
Myrsinaceae R.Br., *Prodr.*: 532. 27 Mar 1810, *nom. cons.*
Samolaceae Raf., *Ann. Gén. Sci. Phys. Bruxelles* 5: 349. Jul–Sep 1820
Theophrastaceae G.Don, *Edwards's Bot. Reg.* 21: ad t. 1764. 1 Jun 1835, *nom. cons.*
335. **Theaceae** Mirb. ex KerGawl., *Bot. Reg.* 2: ad t. 112. 1 Mai 1816, *nom. cons.*
Camelliaceae DC., *Essai Propr. Méd. Pl.*, ed. 2: 97. 11 Mai 1816
Gordoniaceae Spreng., *Syst. Veg.* 3: 12. Jan–Mar 1826
336. **Symplocaceae** Desf., *Mém. Mus. Hist. Nat.* 6: 9. 1820, *nom. cons.*
337. **Diapensiaceae** Lindl., *Nat. Syst. Bot.*, ed. 2: 233. 13 Jun 1836, *nom. cons.*
Galacinaceae D.Don, *Edinburgh New Philos. J.* 6: 53. Oct–Dec 1828
338. **Styracaceae** DC. & Spreng. [transl. Jameson], *Elem. Philos. Pl.*: 140. Jul 1821, *nom. cons.*
Halesiaceae D.Don, *Edinburgh New Philos. J.* 6: 49. Oct–Dec 1828
339. **Sarraceniaceae** Dumort., *Anal. Fam. Pl.*: 53. 1829, *nom. cons.*
Heliamphoraceae Chrtek, Slavíková & Studnička, *Preslia* 64: 8. 10 Feb 1992
340. **Roridulaceae** Martinov, *Tekhno-Bot. Slovar.* 549. 3 Aug 1820, *nom. cons.*
341. **Actinidiaceae** Engl. & Gilg, *Syllabus*, ed. 9–10: 279. 6 Nov 1924, *nom. cons.*
Saurauiaceae Griseb., *Grundr. Syst. Bot.*: 98. 1–2 Jun 1854, *nom. cons.*
342. **Clethraceae** Klotzsch, *Linnaea* 24: 12. Mai 1851, *nom. cons.*
343. **Cyrillaceae** Lindl., *Veg. Kingd.*: 445. 14–28 Mar 1846, *nom. cons.*
344. **Mitrastemonaceae** Makino, *Bot. Mag. (Tokyo)* 25: 252. Dec 1911, *nom. cons.*
345. **Ericaceae** Juss., *Gen. Pl.*: 159. 4 Aug 1789, *nom. cons.*
Andromedaceae Döll, *Rhein. Fl.*: 428. 24–27 Mai 1843
Arbutaceae Bromhead, *Mag. Nat. Hist.*, n.s., 4: 337, 338. Jul 1840
Arctostaphylaceae J.Agardh, *Theoria Syst. Pl.*: 106. Apr–Sep 1858
Azaleaceae Vest, *Anleit. Stud. Bot.*: 272, 294. 1818
Diplarchaceae Klotzsch, *Allgem. Deutsch. Nat. Hist. Zeit.* 3: 230. 1857
Empetraceae Hook. & Lindl. in W.J. Hooker, *Fl. Scot.*: 297. 10 Mai 1821, *nom. cons.*
Epacridaceae R.Br., *Prodr.*: 535. 27 Mar 1810, *nom. cons.*
Hypopityaceae Klotzsch, *Linnaea* 24: 11. Mai 1851
Ledaceae J.F.Gmel., *Allg. Gesch. Pflanzengifte*, ed. 2: 404. Jun 1803
Menziesiaceae Klotzsch, *Linnaea* 24: 11. Mai 1851
Monotropaceae Nutt., *Gen. N. Amer. Pl.* 1: 272. 14 Jul 1818, *nom. cons.*

- Oxycoccaceae* A.Kern., *Pflanzenleben* 2: 713, 714. 8 Aug 1891
Prionotaceae Hutch., *Evol. Phylog. Fl. Pl.*: 306. 28 Aug 1969
Pyrolaceae Lindl., *Syn. Brit. Fl.*: 175. 16 Mar 1829, *nom. cons.*
Rhododendraceae Juss., *Gen. Pl.*: 158. 4 Aug 1789
Rhodoraceae Vent., *Tabl. Règne Vég.* 2: 449. 5 Mai 1799
Salaxidaceae J.Agardh, *Theoria Syst. Pl.*: 104. Apr–Sep 1858
Stypheliaceae Horan., *Prim. Lin. Syst. Nat.*: 72. 2 Nov 1834
Vacciniaceae DC. ex Perleb, *Vers. Arzneikr. Pfl.*: 228. Mai 1818, *nom. cons.*
53. **Oncothecales** Doweld, *Tent. Syst. Pl. Vasc.*: li. 23 Dec 2001 [Note: in Chase & Reveal (2009), Oncothecaceae were unplaced to order, but we treat them here as an order to keep their place in the system.]
346. **Oncothecaceae** Kobuski ex AiryShaw, *Kew Bull.* 18: 264. 8 Dec 1965
54. **Metteniusales** Takht., *Divers. Classif. Fl. Pl.*: 352. 24 Apr 1997 [Note: in Chase & Reveal (2009), Metteniusaceae were unplaced to order, but we treat them here as an order to keep their place in the system.]
347. **Metteniusaceae** H.Karst. ex Schnizl., *Iconogr. Fam. Regn. Veg.* 2: ad t. 142*. 1860–1870
55. **Icacinales** Tiegh., *Just's Bot. Jahresber.* 25(2): 406. 19 Jan 1900 [Note: in Chase & Reveal (2009), Icacinaceae were unplaced to order, but we treat them here as an order to keep their place in the system.]
- Emmotales* Doweld, *Tent. Syst. Pl. Vasc.*: li. 23 Dec 2001
348. **Icacinaceae** Miers, *Ann. Mag. Nat. Hist.*, ser. 2, 8: 174. Sep 1851, *nom. cons.*
- Emmotaceae* Tiegh., *Just's Bot. Jahresber.* 25(2): 406. 19 Jan 1900
Iodaceae Tiegh., *Just's Bot. Jahresber.* 25(2): 406. 19 Jan 1900
Phytocrenaceae Arn. ex R.Br. in J. J. Bennett & R. Brown, *Pl. Jav. Rar.*: 244. 13 Mai 1852
Pleurisanthaceae Tiegh., *Just's Bot. Jahresber.* 25(2): 406. 19 Jan 1900
Sarcostigmataceae Tiegh., *Just's Bot. Jahresber.* 25(2): 406. 19 Jan 1900
56. **Garryales** Mart., *Consp. Regn. Veg.*: 16. Sep–Oct 1835
- Aucubales* Takht., *Divers. Classif. Fl. Pl.*: 385. 24 Apr 1997
Eucommiales Nèmejč ex Cronquist, *Integr. Syst. Class. Fl. Pl.*: 182. 10 Aug 1981
349. **Eucommiaceae** Engl., *Syllabus*, ed. 5: 139. 20–22 Jul 1907, *nom. cons.*
350. **Garryaceae** Lindl., *Edwards's Bot. Reg.* 20: ad t. 1686. 1 Jul 1834, *nom. cons.*
- Aucubaceae* Bercht. & J.Presl, *Přir. Rostlin*: 2: 91. 1825
57. **Gentianales** Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 248. Jan–Apr 1820
- Apocynales* R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 249. Jan–Apr 1820
Asclepiadales R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 249. Jan–Apr 1820
Chironiales Griseb., *Grundr. Syst. Bot.*: 144. 1–2 Jun 1854
Cinchonales Lindl., *Nix. Pl.*: 18. 17 Sep 1835
Galiales Bromhead, *Edinburgh New Philos.* J. 24: 414. Apr 1838
Loganiales Lindl., *Nix. Pl.*: 19. 17 Sep 1833
Lygodisodeales Mart., *Consp. Regn. Veg.*: 31. Sep–Oct 1835
Rubiales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 256. Jan–Apr 1820
Strychnales Link, *Handbuch* 1: 439. 4–11 Jul 1829
Theligonales Nakai, *J. Jap. Bot.* 18: 92, 94. 10 Mar 1942
Vincales Horan., *Char. Ess. Fam.*: 111. 30 Jun 1847
351. **Rubiaceae** Juss., *Gen. Pl.*: 196. 4 Aug 1789, *nom. cons.*
- Aparinaceae* Hoffmanns. & Link, *Fl. Portug.* 2: 3, 38. 1813–1829
Asperulaceae Cham. ex Spenn., *Handb. Angew. Bot.* 2: 492. 1835
Catesbaeaceae Martinov, *Tekhno-Bot. Slovar*: 111. 3 Aug 1820
Cephalanthaceae Raf., *Ann. Gén. Sci. Phys. Bruxelles* 6: 86. Oct–Dec 1820
Cinchonaceae Batsch, *Tab. Affin. Regni Veg.*: 234. 2 Mai 1802
Coffeaceae Batsch, *Tab. Affin. Regni Veg.*: 233. 2 Mai 1802
Coutareaceae Martinov, *Tekhno-Bot. Slovar*: 168. 3 Aug 1820
Dialypetalanthaceae Rizzini & Occhioni, *Lilloa* 17: 253. 30 Dec 1948, *nom. cons.*
Galiaceae Lindl., *Nat. Syst. Bot.*, ed. 2: 249. 13 Jun 1836
Gardeniaceae Dumort., *Anal. Fam. Pl.*: 29, 32. 1829
Guettardaceae Batsch, *Tab. Affin. Regni Veg.*: 235. 2 Mai 1802
Hameliaceae Mart., *Consp. Regn. Veg.*: 31. Sep–Oct 1835

- Hedyotidaceae* Dumort., *Comment. Bot.*: 57. Nov–Dec 1822
Henriqueziaceae Bremek., *Acta Bot. Neerl.* 6 [*Meded. Bot. Mus. Herb. Rijksuniv. Utrecht 141*]: 371. Aug 1957
Houstoniaceae Raf., *Good Book*: 21. Jan 1840
Hydrophylacaceae Martinov, *Tekhno-Bot. Slovar*: 318. 3 Aug 1820
Lippayaceae Meisn., *Pl. Vasc. Gen.*: Tab. Diagn. 156, Comm. 112. 16–22 Sep 1838
Lygodisodeaceae Bartl., *Ord. Nat. Pl.*: 123, 207. Sep 1830
Naucleaceae Wernh., *New Phytol.* 11: 225. 30 Jul 1912
Nonateliaceae Martinov, *Tekhno-Bot. Slovar*: 420. 3 Aug 1820
Operculariaceae Juss. ex Perleb, *Vers. Arzneikr. Pfl.*: 207. Mai 1818
Pagamaeaceae Martinov, *Tekhno-Bot. Slovar*: 447. 3 Aug 1820
Psychotriaceae F.Rudolphi, *Syst. Orb. Veg.*: 49. 5–12 Jul 1830
Randiaceae Martinov, *Tekhno-Bot. Slovar*: 534. 3 Aug 1820
Sabiceaceae Martinov, *Tekhno-Bot. Slovar*: 555. 3 Aug 1820
Spermacoceaceae Bercht. & J.Presl, *Přir. Rostlin*: 256. Jan–Apr 1820
Theligonaceae Dumort., *Anal. Fam. Pl.*: 15, 17. 1829, *nom. cons.*
352. **Gentianaceae** Juss., *Gen. Pl.*: 141. 4 Aug 1789, *nom. cons.*
Chironiaceae Bercht. & J.Presl, *Přir. Rostlin* 1(104–114): 1, 36. 1823
Coutoubeaceae Martinov, *Tekhno-Bot. Slovar*: 168. 3 Aug 1820
Obolariaceae Martinov, *Tekhno-Bot. Slovar*: 427. 3 Aug 1820
Potaliaceae Mart., *Nov. Gen. Sp. Pl.* 2: 89, 91, 133. Jan–Jun 1827
Saccifoliaceae Maguire & Pires, *Mem. New York Bot. Gard.* 29: 242. 14 Jun 1978
353. **Loganiaceae** R.Br. ex Mart., *Nov. Gen. Sp. Pl.* 2: 133. Jan–Jun 1827, *nom. cons.*
Antoniaceae Hutch., *Fam. Fl. Pl.*, ed. 2: 375. 4 Jun 1959
Gardneriaceae Wall. ex Perleb, *Clav. Class.*: 23. Jan–Mar 1838
Geniostomataceae L.Struwe & V.A.Albert, *Cladistics* 10: 206. Jun 1995
Spigeliaceae Bercht. & J.Presl, *Přir. Rostlin* 1: 40. 1823
Strychnaceae DC. ex Perleb, *Vers. Arzneikr. Pfl.*: 244. Mai 1818
354. **Gelsemiaceae** L.Struwe & V.A.Albert, *Cladistics* 10: 206. Jun 1995
Pteleocarpaceae Brummitt, *Kew Bull.*, in press.
355. **Apocynaceae** Juss., *Gen. Pl.*: 143. 4 Aug 1789, *nom. cons.*
Asclepiadaceae Borkh., *Bot. Wörterb.* 1: 31. 1797, *nom. cons.*
Carissaceae Bertol., *Nuevo Giorn. Bot. Ital.* 23: 212. 8 Jan 1891
Cerberaceae Martinov, *Tekhno-Bot. Slovar*: 119. 3 Aug 1820
Cynanchaceae G.Mey., *Chloris Han.*: 245, 251. Jul–Aug 1836
Ophioxylaceae Mart., *Consp. Regn. Veg.*: 24. Sep–Oct 1835
Pacouriaceae Martinov, *Tekhno-Bot. Slovar*: 447. 3 Aug 1820
Periplocaceae Schltr. in K. Schumann & C.A.G. Lauterbach, *Nachtr. Fl. Schutzgeb. Südsee*: 351. 16 Nov 1905, *nom. cons.*
Plumeriaceae Horan., *Prim. Lin. Syst. Nat.*: 70. 2 Nov 1834
Stapeliaceae Horan., *Prim. Lin. Syst. Nat.*: 70. 2 Nov 1834
Vincaceae Vest, *Anleit. Stud. Bot.*: 273, 299. 1818
Willughbeiaceae J.Agardh, *Theoria Syst. Pl.*: 256. Apr–Sep 1858
58. **Vahliales** Doweld, *Tent. Syst. Pl. Vasc.*: xlvi. 23 Dec 2001 [Note: in Chase & Reveal (2009), Vahliaceae were unplaced to order, but we treat them here as an order to keep their place in the system.]
356. **Vahliaceae** Dandy in J. Hutchinson, *Fam. Fl. Pl.*, ed. 2: 461. 4 Jun 1959
59. **Boraginales** Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 244. Jan–Apr 1820 [Note: in Chase & Reveal (2009), Boraginaceae were unplaced to order, but we treat them here as an order to keep their place in the system.]
Cordiales Mart., *Consp. Regn. Veg.*: 23. Sep–Oct 1835
Echiales Lindl., *Veg. Kingd.*: 649. 14–28 Mar 1846
Ehretiales Mart., *Consp. Regn. Veg.*: 22. Sep–Oct 1835
357. **Boraginaceae** Juss., *Gen. Pl.*: 128. 4 Aug 1789, *nom. cons.*
Anchusaceae Vest, *Anleit. Stud. Bot.*: 274, 302. 1818
Cerinthaceae Bercht. & J.Presl, *Přir. Rostlin*: 244. Jan–Apr 1820

- Codonaceae* Weigend & Hilger, *Phytotaxon* 10: 26. 28 Oct 2010
Cordiaceae R.Br. ex Dumort., *Anal. Fam. Pl.*: 20, 25. 1829, *nom. cons.*
Cynoglossaceae Döll, *Rhein. Fl.*: 406. 24–27 Mai 1843
Echiaceae Raf., *Fl. Tellur.* 2: 61. Jan–Mar 1837
Ehretiaceae Mart., *Nov. Gen. Sp. Pl.* 2: 136, 138. Jan–Jun 1827, *nom. cons.*
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Sagoneaceae Martinov, *Tekhno-Bot. Slovar*: 557. 3 Aug 1820
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Convolvulales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 247. Jan–Apr 1820
Cuscutales Mart., *Consp. Regn. Veg.*: 22. Sep–Oct 1835
Hydroleales Mart., *Consp. Regn. Veg.*: 23. Sep–Oct 1835
Hydrophyllales Mart., *Consp. Regn. Veg.*: 22. Sep–Oct 1835
Nolanales Lindl., *Nix. Pl.*: 18. 17 Sep 1833
Sphenocleales Doweld, *Tent. Syst. Pl. Vasc.*: xlvii. 23 Dec 2001
358. **Convolvulaceae** Juss., *Gen. Pl.*: 132. 4 Aug 1789, *nom. cons.*
Cressaceae Raf., *Ann. Gén. Sci. Phys. Bruxelles* 8: 270. 1821
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Humbertiaceae Pichon, *Notul. Syst. (Paris)* 13: 23. 15 Dec 1947, *nom. cons.*
Poranaceae J.Agardh, *Theoria Syst. Pl.*: 364. Apr–Sep 1858
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Cestraceae Schltldl., *Linnaea* 8: 250. Jan–Jul 1833
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Antirrhinales Döll, *Fl. Baden* 2: 723. med. 1858
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Byblidales Nakai ex Reveal, *Phytologia* 74: 175. 25 Mar 1993
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Globulariales Dumort., *Anal. Fam. Pl.*: 19. 1829
Hippuridales Link, *Handbuch* 1: 288. 4–11 Jul 1829
Jasminales R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 248. Jan–Apr 1820
Lentibulariales Rich. ex Bercht. & J.Presl, *Přir. Rostlin*: 242. Jan–Apr 1820
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Orobanchales Vent. ex Bercht. & J.Presl, *Přir. Rostlin*: 242. Jan–Apr 1820
Pedaliales R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 246. Jan–Apr 1820
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Plantaginales Juss. ex Bercht. & J.Presl, *Přir. Rostlin*: 241. Jan–Apr 1820
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Selaginiales Mart., *Consp. Regn. Veg.*: 19. Sep–Oct 1835
Stilbales Mart., *Consp. Regn. Veg.*: 19. Sep–Oct 1835
Utriculariales Döll, *Rhein. Fl.*: 283. 24–27 Mai 1843
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Forestieraceae Meisn., *Pl. Vasc. Gen.*: Tab. Diagn. 345, Comm. 257. 13–15 Feb 1842
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Ligustraceae G.Mey., *Chloris Han.*: 245, 254. Jul–Aug 1836
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Hemimeridaceae Doweld, *Tent. Syst. Pl. Vasc.*: xlix. 23 Dec 2001
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Sesamaceae Horan., *Prim. Lin. Syst. Nat.*: 74. 2 Nov 1834
Trapellaceae Honda & Sakis., *Daikou Nippon Shokubutsu Bunraigaku [Syst. Pl. Japon.]*: 378. 25 Apr 1930
374. **Lamiaceae** Martinov, *Tekhno-Bot. Slovar*: 355. 3 Aug 1820, *nom. cons.*, *nom. alt.*
Aegiphilaceae Raf., *Sylva Tellur.*: 161. Oct–Dec 1838
Ajugaceae Döll, *Rhein. Fl.*: 375. 24–27 Mai 1843
Chloanthaceae Hutch., *Fam. Fl. Pl.*, ed. 2: 396. 4 Jun 1959
Glechomaceae Martinov, *Tekhno-Bot. Slovar*: 288. 3 Aug 1820
Labiatae Juss., *Gen. Pl.*: 110. 4 Aug 1789, *nom. cons.*
Melissaceae Bercht. & J. Presl, *Přir. Rostlin*: 245. Jan–Apr 1820
Melittidaceae Martinov, *Tekhno-Bot. Slovar*: 390. 3 Aug 1820
Menthaceae Burnett, *Outl. Bot.*: 969, 1095, 1106. Feb 1835
Monardaceae Döll, *Fl. Baden* 2: 661. (med.) 1858
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Scutellariaceae Döll, *Rhein. Fl.*: 373. 24–27 Mai 1843
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Buchneraceae Lilja, *Skånes Fl.*, ed. 2: 979. Apr–Dec 1870
Cyclocheilaceae Marais, *Kew Bull.* 35: 805. 28 Apr 1981
Euphrasiaceae Martinov, *Tekhno-Bot. Slovar*: 239. 3 Aug 1820
Lindenbergiaceae Doweld, *Tent. Syst. Pl. Vasc.*: xlix. 23 Dec 2001
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Pedicularidaceae Juss., *Gen. Pl.*: 99. 4 Aug 1789

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Rhinanthaceae Vent., *Tabl. Règne Vég.* 2: 295. 5 Mai 1799
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Pinguiculaceae Dumort., *Anal. Fam. Pl.*: 19, 23. 1829
Utriculariaceae Hoffmanns. & Link, *Fl. Portug.* 1: 62. 1 Sep 1809
379. **Acanthaceae** Juss., *Gen. Pl.*: 102. 4 Aug 1789, *nom. cons.*
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382. **Schlegeliaceae** Reveal, *Phytologia* 79: 74. 29 Apr 1996
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385. **Martyniaceae** Horan., *Char. Ess. Fam.*: 130. 30 Jun 1847, *nom. cons.*
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Ilicales Mart., *Consp. Regn. Veg.*: 26. Sep–Oct 1835
386. **Stemonuraceae** Kårehed, *Amer. J. Bot.* 88: 2267. 14 Dec 2001
387. **Cardiopteridaceae** Blume, *Rumphia* 3: 205. Jun 1847, *nom. cons.*
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388. **Phyllonomaceae** Small in N.L. Britton, *N. Amer. Fl.* 22(1): 2. 22 Mai 1905
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390. **Aquifoliaceae** Bercht. & J.Presl, *Přir. Rostlin*: 2(110): 438, 440. 1825, *nom. cons.*
Ilicaceae Dumort., *Comment. Bot.*: 59. Nov–Dec 1822
63. **Asterales** Link, *Handbuch* 1: 731. 4–11 Jul 1829
Alseuosmiales Doweld, *Tent. Syst. Pl. Vasc.*: liv. 23 Dec 2001
Ambrosiales Dumort., *Anal. Fam. Pl.*: 15. 1829
Anthemidales Link, *Handbuch* 1: 752. 4–11 Jul 1829
Boopidales Cass. ex Bercht. & J.Presl, *Přir. Rostlin*: 255. Jan–Apr 1820
Brunoniales Lindl., *Nix. Pl.*: 20. 17 Sep 1833
Calendulales Link, *Handbuch* 1: 776. 4–11 Jul 1829
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Goodeniales R.Br. ex Bercht. & J.Presl, *Přir. Rostlin*: 252. Jan–Apr 1820
Lobeliales Link, *Handbuch* 1: 636. 4–11 Jul 1829
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Rousseales Doweld, *Tent. Syst. Pl. Vasc.*: liiii. 23 Dec 2001
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391. **Rousseaceae** DC., *Prodr.* 7(2): 521. late Dec 1839
Abrophyllaceae Nakai, *Chosakuronbun Mokuroku* [*Ord. Fam. Trib. Nov.*]: 243. 20 Jul 1943
Carpodetaceae Fenzl, *Denkschr. Königl.-Baier. Bot. Ges. Regensburg* 3: 155. 28 Nov 1841
392. **Campanulaceae** Juss., *Gen. Pl.*: 163. 4 Aug 1789, *nom. cons.*
Cyananthaceae J.Agardh, *Theoria Syst. Pl.*: 384. Apr–Sep 1858
Cyphiaceae A.DC. in A.P. de Candolle & A.L.P.P. de Candolle, *Prodr.* 7(2): 497. late Dec 1839
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Dortmannaceae Rupr., *Fl. Ingr.*: 649. Mai 1856
Jasionaceae Dumort., *Anal. Fam. Pl.*: 28, 30. 1829
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393. **Pentaphragmataceae** J.Agardh, *Theoria Syst. Pl.*: 95. Apr–Sep 1858, *nom. cons.*
394. **Stylidiaceae** R.Br., *Prodr.*: 565. 27 Mar 1810, *nom. cons.*
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395. **Alseuosmiaceae** AiryShaw, *Kew Bull.* 18: 249. 8 Dec 1965
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Corokiaceae Kapil ex Takht., *Divers. Classif. Fl. Pl.*: 374. 24 Apr 1997
398. **Menyanthaceae** Dumort., *Anal. Fam. Pl.*: 20, 25. 1829, *nom. cons.*
399. **Goodeniaceae** R.Br., *Prodr.*: 573. 27 Mar 1810, *nom. cons.*
Brunoniaceae Dumort., *Anal. Fam. Pl.*: 19, 21. 1829, *nom. cons.*
Scaevolaceae Lindl., *Intr. Nat. Syst. Bot.*: 189. 27 Sep 1830
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401. **Asteraceae** Bercht. & J.Presl, *Přir. Rostlin*: 254. Jan–Apr 1820, *nom. cons.*, *nom. alt.*
Ambrosiaceae Bercht. & J.Presl, *Přir. Rostlin*: 254. Jan–Apr 1820, *nom. cons.*
Anthemidaceae Bercht. & J.Presl, *Přir. Rostlin*: 254. Jan–Apr 1820
Aposeridaceae Raf., *New Fl. N. Amer.* 4: 106. (med.) 1838
Arctotidaceae Bercht. & J.Presl, *Přir. Rostlin*: 255. Jan–Apr 1820
Artemisiaceae Martinov, *Tekhno-Bot. Slovar*: 48. 3 Aug 1820
Athansiaceae Martinov, *Tekhno-Bot. Slovar*: 56. 3 Aug 1820
Calendulaceae Bercht. & J.Presl, *Přir. Rostlin*: 254. Jan–Apr 1820
Carduaceae Bercht. & J.Presl, *Přir. Rostlin*: 255. Jan–Apr 1820
Carlinaceae Bercht. & J.Presl, *Přir. Rostlin*: 255. Jan–Apr 1820
Centaureaceae Bercht. & J.Presl, *Přir. Rostlin*: 255. Jan–Apr 1820
Cichoriaceae Juss., *Gen. Pl.*: 168. 4 Aug 1789, *nom. cons.*
Cnicaceae Vest, *Anleit. Stud. Bot.*: 273, 297. 1818
Compositae Giseke, *Prael. Ord. Nat. Pl.*: 538. Apr 1792, *nom. cons.*
Cynaraceae Burnett, *Outl. Bot.*: 926, 931, 1094, 1111. Jun 1835
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Inulaceae Bercht. & J.Presl, *Přir. Rostlin*: 254. Jan–Apr 1820
Ivaceae Raf., *Fl. Tellur.* 1: 31. 1837
Lactucaceae Drude in J.A. Schenk, *Handb. Bot.* 3(2): 369. 1886
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Matricariaceae Voigt, *Hort. Suburb. Calcutt.*: 400. Aug–Dec 1845
Mutisiaceae Burnett, *Outl. Bot.*: 934, 935, 1094, 1111. Feb 1835
Nassauviaceae Burmeist., *Handb. Naturgesch.*: 290. 12–17 Dec 1836

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Santolinaceae Martinov, *Tekhno-Bot. Slovar*: 560. 3 Aug 1820
Senecionaceae Bercht. & J.Presl, *Přir. Rostlin*: 254. Jan–Apr 1820
Serratulaceae Martinov, *Tekhno-Bot. Slovar*: 577. 3 Aug 1820
Tanacetaceae Vest, *Anleit. Stud. Bot.*: 273, 298. 1818
Tussilagaceae Bercht. & J.Presl, *Přir. Rostlin*: 254. Jan–Apr 1820
Vernoniaceae Burmeist., *Handb. Naturgesch.*: 296. 12–17 Dec 1837
Xanthiaceae Vest, *Anleit. Stud. Bot.*: 273, 298. 1818
Xeranthemaceae Döll, *Rhein. Fl.*: 498. 24–27 Mai 1843
64. **Escalloniales** Mart., *Consp. Regn. Veg.*: 47. Sep–Oct 1835
Tribelales Doweld, *Tent. Syst. Pl. Vasc.*: li. 23 Dec 2001
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Nolanales = Solanales
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Nonateliaceae = Rubiaceae
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Nuytsiaceae = Loranthaceae
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Oenotheraceae = Onagraceae
Oenotherales = Myrtales
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Palmae = Arecaceae
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Papyraceae = Cyperaceae
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Perseaceae = Lauraceae
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