



Validation of subordinal names for “Systema Angiospermarum”

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Abstract

Nineteen subordinal names for flowering plants are established for the online version “Systema Angiospermarum.”

Key words: Angiospermae, suprageneric names, suborders, validation

Alexey Shipunov's “Systema Angiospermarum,” started in 1991, is a constantly revised on-line alternative to the APG classification (APG III 2009) that is based, since 2003, on a taxonomic synthesis published by Shipunov (see also <http://herba.msu.ru/shipunov/ang/ang-en.htm>). The current version is number 5.1 (<http://herba.msu.ru/shipunov/ang/current/syang.pdf>—dated 10 November 2010), and like previous editions, it will continue to undergo modification. One of the features of “Systema Angiospermarum” is its detailed hierarchical approach. Following Takhtajan (1997, 2009) in particular, the classification emphasizes super- and suborder ranks as the fundamental units of classification. However, since 2003, several new suborder names were adopted that, until now, were not validly published. Accordingly, the following names are established.

Alseuosmiineae Shipunov, nom. nov., based on Alseuosmiaceae Airy Shaw in *Kew Bull.* 18: 249. 8 December 1965.—Type: *Alseuosmia* A. Cunn. (1838).

Amborellineae Shipunov, nom. nov., based on Amborellales Melikyan, Bobrov & Zaytzeva in F.Manitz & F.H.Hellwig, 14 *Symp. Biodiv. Evolutionsbiol.*: 122. 1 September 1999.—Type: *Amborella* Baill. (1873).

Aquifoliineae Shipunov, nom. nov., based on Aquifolieae DC., *Prodr.* 2: 3. Nov (med.) 1825.—Type: *Aquifolium* Mill., *nom. illeg.* (1754).

Brassicineae Shipunov, nom. nov., based on Brassiceae DC. in *Mém. Mus. Hist. Nat.* 7(1): 242. 20 April 1821.—Type: *Brassica* L. (1753).

Dipsacineae Shipunov, nom. nov., based on Dipsacaceae Juss., *Gen. Pl.*: 194. 4 August 1789, *nom. cons.*—Type: *Dipsacus* L. (1753).

Escalloniineae Shipunov, nom. nov., based on Escallonieae R.Br. ex DC., *Prodr.* 4: 2. Late September 1830.—Type: *Escallonia* Mutis ex L.f. (1782).

Eupteleineae Shipunov, nom. nov., based on Eupteleanae Doweld, *Tent. Syst. Pl. Vasc.*: xxv. 23 December 2001.—Type: *Euptelea* Siebold & Zucc. (1840).

Gunnerineae Shipunov, nom. nov., based on Gunneraceae Meisn., *Pl. Vasc. Gen.*: Tab. Diagn. 345, 346, Comm. 257. 13–15 February 1842, *nom. cons.*—Type: *Gunnera* L. (1767).

Lardizabalineae Shipunov, nom. nov., based on Lardizabaleae DC., *Prodr.* 1: 95. January (med.) 1824.—Type: *Lardizabala* Ruiz & Pav. (1794).

- Linineae Shipunov, *nom. nov.***, based on Lineae Rchb., *Fl. Germ. Excurs.* 2(2): 830, 831. 1832.—Type: *Linum* L. (1753).
- Nelumboneae Shipunov, *nom. nov.***, based on Nelumboneae DC., *Syst. Nat.* 2: 43. Late May 1821.—Type: *Nelumbo* Adans. (1763).
- Petrosaviineae Shipunov, *nom. nov.***, based on Petrosavianaes Doweld, *Tent. Syst. Pl. Vasc.*: lx. 23 December 2001.—Type: *Petrosavia* Becc. (1871).
- Picramniineae Shipunov, *nom. nov.***, based on Picramniales Doweld, *Tent. Syst. Pl. Vasc.*: xxxviii. 23 December 2001.—Type: *Picramnia* Sw., *nom. cons.* (1788).
- Piperineae Shipunov, *nom. nov.***, based on Piperaceae Giseke, *Prael. Ord. Nat. Pl.*: 123. April 1792, *nom. cons.*—Type: *Piper* L. (1753).
- Rhabdodendrineae Shipunov, *nom. nov.***, based on Rhabdodendrales Doweld, *Tent. Syst. Pl. Vasc.*: xli. 23 December 2001.—Type: *Rhabdodendron* Gilg & Pilg. (1905).
- Rhamnaceae Shipunov, *nom. nov.***, based on Rhamnaceae Juss., *Gen. Pl.*: 376. 4 August 1789 (*Rhamni*), *nom. cons.*—Type: *Rhamnus* L. (1753).
- Rhizophorineae Shipunov, *nom. nov.***, based on Rhizophoraceae Pers., *Syn. Pl.* 2: 2. November 1806, *nom. cons.*—Type: *Rhizophora* L. (1753).
- Schisandrineae Shipunov, *nom. nov.***, based on Schisandraceae Blume, *Fl. Javae* 32–33: 3. 25 June 1830, *nom. cons.*—Type: *Schisandra* Michx., *nom. cons.* (1803).
- Winterineae Shipunov, *nom. nov.***, based on Winteranaes Doweld, *Tent. Syst. Pl. Vasc.*: xxiii. 23 December 2001.—Type: *Wintera* Murray (1784).

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