



Validation of ten subordinal names of angiosperms

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ABSTRACT

Ten subordinal names for flowering plants are established to complete a subordinal classification of the angiosperms.

Keywords: Angiosperms, suprageneric name, suborder

РЕЗЮМЕ

Пийон Й. Валидация десяти названий подпорядков покрытосеменных растений. Для завершения классификации покрытосеменных растений на уровне подпорядков установлены десять новых названий подпорядков цветковых растений.

Ключевые слова: покрытосеменные растения, надродовое название, подпорядок.

The late Alexey Shipunov (1965–2022) was a prolific botanist with diverse interests in plant systematics (see Petrov et al. 2023). He had developed his own classification of angiosperms “Systema Angiospermum”, which was notable for being one of the few classifications to use subordinal ranks. While families are by far the most commonly used taxon above the generic level (Cullen & Walters 2006), other ranks can also be helpful. For example, suborders can replace some informal names that designate groups of families smaller than orders, such as the cyperid clade, or the clusioid.

Reveal (2010) published a list of validly published suborders. In order to complete Systema Angiospermum, new names for suborders were required and 19 new names were proposed by Shipunov & Reveal (2011). The latest version of Systema Angiospermum (v. 5.33), published online on 05.06.2022 (Shipunov 2022), includes some subordinal names that appear never to have been validly published. In anticipation of producing an updated subordinal classification of the angiosperms, some of these names are validly published here for the first time, while a few others are proposed.

Subordo Austrobaileyineae Pillon, nom. nov., based on Austrobaileyoideae Croizat in J. Arnold Arbor. 21:404 (1940) [as Austrobaileyae]. – Type: *Austrobaileya* C.T. White (1933).

Subordo Cornineae Pillon, nom. nov., based on Cornales Link, Handbuch [Link] 2:2–3 (1831) [as Cornaceae]. – Type: *Cornus* L. (1753).

Subordo Dioscoreineae Shipunov ex Pillon, nom. nov., based on Dioscoreaceae R.Br., Prodr. Fl. Nov. Holland: 294 (1810) [as Dioscoreae]. – Type: *Dioscorea* L. (1753).

Subordo Fabineae Pillon, nom. nov., based on Fabaceae Lindl., Intr. Nat. Syst. Bot., ed. 2:148–149 (1836) [as Fabaecae]. – Type: *Faba* Mill., nom. illeg. (1754: ≡ *Vicia* L., 1753).

Subordo Fagineae Pillon, nom. nov., based on Fagaceae Dumort., Anal. Fam. Pl.: 11–12 (1829) [as Fagineae]. – Type: *Fagus* L. (1753).

Subordo Huerteineae Pillon, nom. nov., based on Huerteaceae Doweld in Bull. Mosc. Soc. Nat. 105(5):59 (2000). – Type: *Huertia* Ruiz & Pav. (1794).

Subordo Hypoxidineae Pillon, nom. nov., based on Hypoxidaceae R.Br. in M. Flinders, Voy. Terra Austral. 2:576 (1814) [as Hypoxydeae]. – Type: *Hypoxis* L. (1759).

Subordo Laurineae Shipunov ex Pillon, nom. nov., based on Lauraceae Juss., Gen. Pl. [Jussieu]: 80 (1789) [as Lauri]. – Type: *Laurus* L. (1753).

Subordo Pandanineae Pillon, nom. nov., based on Pandanaceae R.Br., Prodr. Fl. Nov. Holland: 340 (1810) [as Pandanae]. – Type: *Pandanus* Parkinson (1773).

Subordo Poineae Shipunov ex Pillon, nom. nov., based on Poaceae R.Br. in M. Flinders, Voy. Terra Austral. 2:583 (1814) [as Poaceae]. – Type: *Poa* L. (1753).

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