

# Gentianaceae

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A comprehensive review containing the first classification of the entire family to be published for over 100 years. The family Gentianaceae is a diverse lineage of over 1500 angiosperm species, including many tropical and temperate trees, shrubs, and herbs with a wide range of floral types and colours. This volume provides the first comprehensive review of the family, covering phylogeny, classification, biogeography, palynology, phytochemistry and morphology, and also presents the first classification of the entire family to be published for over 100 years, generated using modern molecular- and morphology-based phylogenetic data. The volume places the Gentianaceae in context with its relatives in the order Gentianales and subclass Asteridae, presents an updated, phylogenetic classification of tribes, subtribes, and genera, investigates the corroborative value of morphological features in phylogenetic diagnoses, and comprehensively summarizes palynology, seed morphology, and phytochemistry. Descriptions of each of the 87 gentian genera are provided, as are discussions on morphological evolution and biogeography for each major evolutionary lineage. EAN/ISBN : 9780511057854 Publisher(s): Cambridge University Press Format: ePub/PDF Author(s): Struwe, Lena - Albert, Victor A.

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