

<<中国植物志第19卷>>

图书基本信息

书名：<<中国植物志第19卷>>

13位ISBN编号：9787030297082

10位ISBN编号：7030297083

出版时间：2011-1

出版时间：科学出版社

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页数：884

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内容概要

The Chinese flora, with an estimated 31,500 species, is of immense scientific and horticultural importance. Noteworthy, too, is Chinese traditional medicine, which is based on the remarkable plant resources of the country. Descriptions and identification keys for this diverse flora, until now unavailable in English, have been published over the past 18 years in the Flora of China, in conjunction with a separate series, the Flora of China Illustrations. Thirty-eight of the total of 48 text and illustration volumes have already been published, thanks to an unprecedented and long-starting collaboration between Western and Chinese scientists.

This is the largest single volume of the Flora of China, with more than 2,000 species described in 22 families. Among these, the Acanthaceae include the large genus *Strobilanthes* (28 species); the Adoxaceae include the horticulturally important genus *Viburnum*; the Berberidaceae include the popular garden plants *Epiinedium* as well as *Berberis* (barberry) and *Mahonia*; the Campanulaceae (bellflower family) include *Campanula*, *Codonopsis*, *Cyananthus*, and *Lobelia*; the Caprifoliaceae include *Lonicera* (honeysuckle) and *Leycesteria* (Himalayan honeysuckle); the Cucurbitaceae include various cultivated fruits and vegetables as well as many native species; the Lentibulariaceae include the carnivorous *Pinguicula* (butterwort) and *Utricularia* (bladder-wort); finally, the Rubiaceae is the largest family in this volume, with some 700 species, including species-rich genera such as *Galium* (bedstraw), *Hedyotis*, and *Ophiorrhiza*, as well as the Chinese endemic ornamental tree *Emmenopterys henryi*.

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章节摘录

Subshrubs, perennial, or annual herbs. Raphides present. Leaves opposite, usually with leaf like stipules in whorls of 4-14, sessile to shortly petiolate, without domatia; leaf like stipules rarely reduced. Inflorescences thyrsoid, paniculiform to capitate, with terminal and often also axillary pedunculate to sessile cymes, bracteate with bracts often fused and sometimes involucre. Flowers pedicellate to sessile, with prophylls, bisexual, monomorphic. Calyx limb reduced, practically absent. Corolla blue, pink, purple, or yellow to greenish or white, salverform, funnel form, campanulate, or sometimes rotate, glabrous inside; lobes 4 or 5, valvate in bud. Stamens 4 or 5, inserted in corolla tube, exerted (or sometimes included); filaments developed to short; anthers dorsifixed. Ovary inferior (hypanthium), 2-celled, ovules 1 in each cell, erect and axile; stigma globose to clavate, often 2-lobed, included or exerted. Fruit schizocarpous, generally didymous, dry; mericarps 2, indehiscent, with 1 seed, subglobose, ellipsoid-oblong, or reniform, smooth to tuberculate, glabrous to pubescent (but never with uncinulate hairs); seeds small, with membranous testa; endosperm corneous; embryo curved; cotyledons leaflike; radicle terete, hypogynous. ...

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