

<<中国植物志·第25卷>>

图书基本信息

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## 前言

Volume 25 of the Flora of China is the 17th of the 24 text volumes in the series. It includes one family, 194 genera, and 1,388 species, among which 11 genera and 491 species (35.4%) are endemic to China, and one genus and one species are introduced to China. Volume 25 is formatted in the same manner as the first 16 volumes of the series: vol. 17 (1994), vol. 16 (1995), vol. 15 (1996), vol. 18 (1998), vol. 4 (1999), vol. 24 (2000), vol. 8 (2001), vol. 6 (2001), vol. 9 (2003), vol. 5 (2003), vol. 14 (2005), vol. 22 (2006), vol. 13 (2007), vol. 12 (2007), vol. 11 (2008), and vol. 7 (2008). The following 15 accompanying volumes of the Flora of China Illustrations have been published to date: vol. 17 (1998), vol. 16 (1999), vol. 15 (2000), vol. 18 (2000), vol. 4 (2001), vol. 24 (2002), vol. 8 (2003), vol. 6 (2003), vol. 9 (2004), vol. 5 (2004), vol. 14 (2006), vol. 22 (2007), vol. 13 (2008), vol. 12 (2008), and vol. 11 (2009). The editing was shared between Anthony R. Brach, Lisa J. Pepper, Michael G. Gilbert, Nicholas J. Turland, and Bruce Bartholomew. Nicholas J. Turland checked the nomenclature. Lisa J. Pepper carried out the final editing of the whole volume. Zhang Libing corrected errors and omissions in the Chinese and pinyin names. Allison M. Brock, Han Xuezhe, Beth Parada, Lisa J. Pepper, and Zeng Jianfei proofread the volume. Nicholas J. Turland and Lisa J. Pepper compiled the indexes. Beth Parada helped with the production of the introductory pages. Rosemary Tanaka typeset the volume for publication.

## 内容概要

The Chinese flora, with an estimated 31,000 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 16 years in the Flora of China, in conjunction with a separate series, the Flora of China Illustrations. Thirty-two of the total of 48 text and illustration volumes have already been published, thanks to an unprecedented and long-standing collaboration between Western and Chinese scientists. This volume entirely comprises the orchid family, or Orchidaceae, with 1,388 species in China, of which 491 are endemic, i.e., found nowhere else on Earth. The orchids of China include wild relatives of the source of the economically important vanilla pod, as well as the well-known cultivated genera *Cymbidium* and the slipper orchids, *Cypripedium* and *Paphiopedilum*. China has hundreds of other horticulturally important orchid species in genera such as *Bletilla*, *Bulbophyllum*, *Calanthe*, *Coelogyne*, *Dendrobium*, *Phalaenopsis*, *Pleione*, and *Vanda*. This volume is the only fully comprehensive and up-to-date English-language account of the wild orchids of China.

书籍目录

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## 章节摘录

Plants 10-15 cm tall, with a slender, creeping rhizome. Stem erect, densely villous, with 2 tubular sheaths at base and 2 leaves at apex. Leaves spreading horizontally, opposite or sub-opposite; blade ovate or broadly ovate, 4-5 X 3-3.5 cm, herbaceous, both surfaces sparsely pubescent or rarely glabrous, longiciliate, with 3 ( -5 ) prominent veins raised abaxially, apex obtuse. Inflorescence terminal, suberect, with 1 flower; peduncle 2-4 cm, villous; floral bracts ovate, 1.5-2 X 0.64 ) .8 cm, slightly shortly hairy; pedicel and ovary 4-5 mm, hairy along longitudinal ridges. Flower small; sepals and petals yellowish green, adaxially with purplish red stripes; lip yellowish green to nearly white, with 3 purplish red warty stripes at front. Dorsal sepal elliptic-ovate, 1.5-2 X 0.6-1 cm, glabrous, apex acute; synsepals similar to dorsal sepal, apex shallowly 2-lobed. Petals lanceolate, 1.5-2 X 0.44 ) .5 cm, glabrous, apex subacute; lip pouched, subglobose, ca. 1 cm, often upturned at apex with its mouth hidden. Staminate transversely elliptic, small, ca. 1.5 X 2 mm, base with a short stalk. Fl. May-Jul. Humus-rich soils in forests, forest margins, thickets; 3600-3700m. S and SE Xizang, NW Yunnan [Bhutan, N India, Nepal]. 26. *Cypripedium bardolphianum* W. W. Smith & Farrer, Notes Roy. Bot. Gard. Edinburgh 9 : 101. 1916.

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