

<<中国植物志图集第7卷>>

图书基本信息

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作者：吴征镒

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前言

The first volume of the English language Flora of China appeared in 1994. In order to increase the usefulness of these text volumes , and to make available the beautiful drawings used for the previously published Chinese language Flora Reipublicae Popularis Sinicae (FRPS) , the Flora of China Illustrations series was started in 1998. The illustrations series follows the taxonomy of the text series , but some modifications in presentation have been made so that FRPS figures can fit into the present scheme. Additional illustrations are also included for taxa not or insufficiently illustrated in FRPS. This publication is the 16th in a series of 24 volumes of the Flora of China Illustrations. It accompanies the Flora of China (FOC) Volume 7 , which was published in 2008 and treated 95 genera with 1 , 216 species in 11 families. This volume of illustrations includes 497 plates representing a total of 882 species in 86 genera in 11 families. The illustrations are generally arranged according to the sequence of tribes , genera , and species in FOC Volume 7 , except when a figure includes more than one taxon , in which case the sequence is determined by the first species listed in the compound figure. Some highly variable species are illustrated on more than one plate to show morphological variations. Scale bars are given for some of the plates. Names of recognized taxa are in boldface , and author names follow FOC. Each recognized taxon is followed by its Chinese name and the pinyin transliteration of that name. Important synonyms and misapplied names are cited after the pinyin names. Page numbers for the descriptions in FOC and for the figure number , volume number , and year of publication of the FRPS volume , as well as names of artists and sources of illustrations in the case of redrawings or reproductions , are listed in parentheses at the end of each caption.

Indexes to figure numbers are given for the Chinese names , their pinyin transliterations , and the scientific names.

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-three 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.

Volume 7 of the illustrations series is devoted to 11 plant families ; many of them are of economic and horticultural importance , and almost all of them are sources of medicine. Menispermaceae provide medicines , including the drug curare , and rattan ; Illiciaceae are used for timber , ornamental plants , medicine , culinary spices , and perfume ; Schisandraceae are known for their ornamental plants , medicine , fruit , fibers for rope , and volatile oils ; Magnoliaceae supply medicine and ornamental plants ; Calycanthaceae are used for horticulture , medicine , and tea ; Myristicaceae are known for nutmeg and mace , fat used for candle making and industry , and medicine ; Lauraceae provide cinnamon , bay leaves , camphor , medicine , timber , fruits , and oil used for perfumes ; Hernandiaceae are used for timber and medicine ; Papaveraceae supply medicine , including opium , edible seeds , oils used in soap manufacture , and ornamental poppy plants ; Cleomaceae have horticultural and medicinal uses ; and Capparaceae furnish us with capers and garden plants.

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书籍目录

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媒体关注与评论

"...a landmark series of volumes" ——Economic Botany "…a must for any student of the temperate and subtropical flora of such a vast, speciesrich country..." ——Kew Bulletin "...an indispensable tool for identifying Chinese plants." ——Systematic Botany

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