

<<中国植物志第20-21卷>>

图书基本信息

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内容概要

《中国植物志第20-21卷（英文版）》由第20卷和第21卷合并为一卷，包括菊科15族，248属，2325种，其中18属和1131种（48.6%）为中国特有。

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书籍目录

Preface Introduction Acknowledgments 菊科 帚菊木族 蓝刺头族 刺苞菊族 飞廉族 菊苣族 斑鸠菊族 千里光族 紫菀族 春黄菊族 鼠麴草族 金盏花族 旋覆花族 山黄菊族 向门葵族 泽兰族 Genera Incertae Sedis List of Nomenclatural Novelties Published in this Volume of the Flora of China Index to Chinese Names Index to Pinyin Names Index to Scientific Names Index to Families in the Flora of China and the Flora Reipublicae Popularis Sinicae Published Volumes of the Flora of China and the Flora of China I Illustrations

章节摘录

截叶蓝刺头 Herbs to 45 cm tall , perennial. Stem solitary , branched below middle , sparsely cobwebby. Leaves leathery , abaxially gray to grayish green and thinly cobwebby , adaxially green , glabrous , and shiny. Lower cauline leaves sessile , lanceolate , ca. 10.5 X 5.5 cm , base truncate , margin with spine-tipped teeth. Middle cauline leaves similar but gradually smaller upward , Uppermost cauline leaves lanceolate to elliptic. Pseudocephaliaca. 4 cm in diam. Capitula ca. 1.3 cm. Phyllaries 20 Or 21 , abaxially glabrous ; outermost phyllaries oblanceolate , ca. 5mm , unequal in length , 1/3-1/2 as long as involucre , claw margin sparsely long ciliate , distal portion broadly elliptic , cartilaginous , margin ciliate , and apex acuminate ; middle and inner phyllaries oblanceolate to narrowly elliptic , 0.8-1.3 cm , distal half of margin sparsely shortly appressed ciliate. Florets ca. 1.3 cm. Corolla blue , glabrous , tube ca. 5mm. Achene ca. 6mm , hairs yellowish. Pappus scales linear , to 2mm , unequal in length , connate for up to proximal half. Fl. and fr. Jul. **火焰草**

Herbs 15-40 cm tall , perennial. Stems solitary or tufted , unbranched or 1-3-branched , cobwebby to lanate. Leaves leathery , abaxially whitish to grayish white and densely cobwebby to thickly lanate , adaxially green to yellowish green and sparsely cobwebby , margin and apex spiny. Basal and lower cauline leaves shortly petiolate ; leaf blade elliptic , elliptic-lanceolate , or oblanceolate , 10-20 x 2-8 cm , bipinnatifid or subbipinnatifid , with 5-8 pairs of segments and a triangular ultimate lobe. Middle and upper cauline leaves sessile , gradually smaller upward , pinnatifid , semiamplexicaul. Pseudocephalia 1 to few , corymbose , 5-5 , 5 cm in diam. Capitula ca. 1 , 8 cm. Phyllaries 16-20 , abaxially glabrous ; outermost phyllaries oblanceolate , to 8mm , unequal in length , at least 1/2 as long as involucre , claw margin sparsely long ciliate , distal portion broadly elliptic , cartilaginous , margin sparsely shortly ciliate , and apex acuminate ; middle phyllaries oblanceolate , ca. 1.5 cm , margin long appressed ciliate , apex narrowed into an awn ; inner phyllaries similar but longer. Corolla white or bluish , outside gland-dotted , tube ca. 5mm. Achene ca. 6mm , hairs yellowish. Pappus scales linear , mostly ca. 1mm , connate almost entirely. Fl. and fr. Jun-Aug. Sandy mountainous regions , desert steppes ; 500-2200 m. C Gansu , Nei Mongol , Ningxia , SE Shandong , Shanxi , N Xinjiang.

Although C. Shih and Y. Ling (FRPS 78 (1) : 6. 1987) indicated that *Echinops przewalskyi* occurs in Mongolia , the species was not included among the *Echinops* in Mongolia by V I. Grubov (Key Vascular Pl. Mongolia 2 : 665-666. 2001) .

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