

<<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

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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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