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云南银莲花属一新组和新种

王文采

(中国科学院植物研究所 系统与进化植物学国家重点实验室, 北京 100093)

摘要: 该文描述了自云南西北部发现的毛茛科银莲花属一新组, 即维西银莲花组(sect. *Deinostigma*) 和新种, 即维西银莲花(*Anemone weixiensis*)。此组与卵叶银莲花组有亲缘关系, 与后者的区别在于其心皮较少(约 11 枚), 子房被短柔毛, 柱头明显, 呈椭圆体形, 瘦果被短柔毛, 不扁, 无肋, 顶端具椭圆体形宿存柱头。

关键词: 毛茛科, 银莲花属, 新组, 新种, 云南

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A new section with a new species of *Anemone* (Ranunculaceae) from Yunnan

WANG Wen-tsai

(State Key Laboratory of Systematic and Evolutionary Botany, Institute of Botany, Chinese Academy of Sciences, Beijing 100093, China)

Abstract: A section, sect. *Deinostigma* with a species, *Anemone weixiensis*, of the genus *Anemone* (Ranunculaceae) is described as new from north-western part of Yunnan Province. This section is related to sect. *Begonifolia* (Ulbr.) Tamura, differing in its fewer carpels, puberulous ovaries, conspicuous ellipsoid stigmas, and puberulous neither compressed nor ribbed achenes at apex with persistent stigmas.

Key words: Ranunculaceae, *Anemone*, new section, new species, Yunnan

银莲花属 *Anemone* L.

银莲花亚属 Subgen. *Omalocarpus* (DC.) Juz.

维西银莲花组

Sect. *Deinostigma* W. T. Wang, sect. nov.

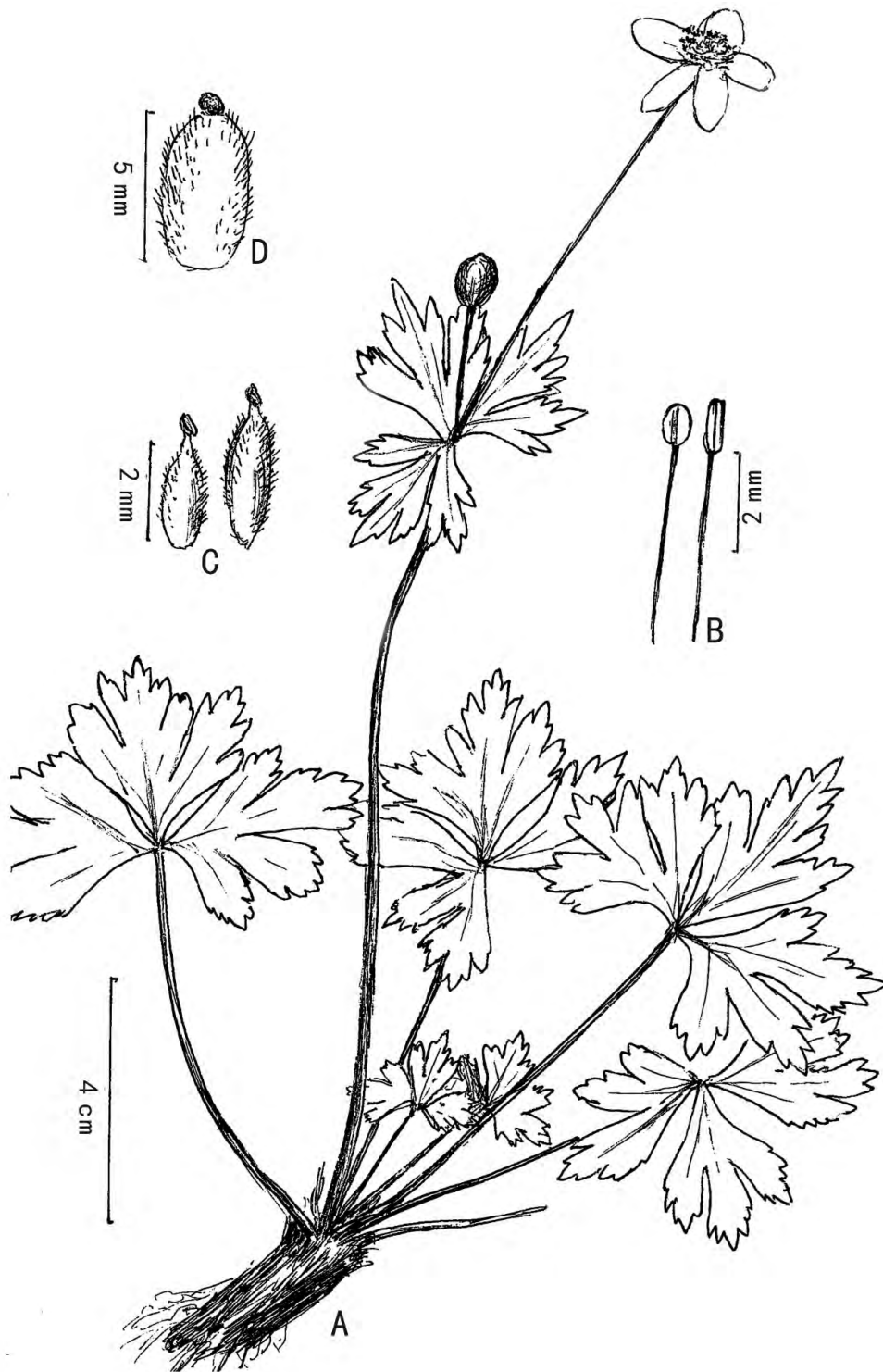
Ob rhizoma plus minusve verticale, flores in cymam umbelliformem pauci-floram dispositos, sepala 5, filamenta filiformia section nova haec est affinis

sect. *Begonifolius* (Ulbr.) Tamura, a qua carpellis paucioribus ca. 11, ovariiis puberulis, stigmatibus conspicuis ellipsoideis, acheniis puberulis nec compressis nec costatis apice stigmatibus persistentibus ellipsoideis praeditis differt. In sect. *Begonifolius*, carpella numerosa glabra, stigmata inconspicua, achenia glabra, dorso-ventraliter compressa dorso longi-

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作者简介: 王文采(1926-) 男, 研究员, 中国科学院院士, 著名植物分类学家, 长期从事有花植物分类学研究。



注: A. 开花植株; B. 二雄蕊; C. 二心皮(来自模式标本); D. 幼瘦果(来自等模式标本)。
 Note: A. Flowering plant; B. Two stamens; C. Two carpels (From holotype); D. Young achene (From isotype).

图 1 维西银莲花

Fig. 1 *Anemone weixiensis*

tudinaliter 1-costata apice stigmatibus persistentibus carentia sunt.

Rhizome more or less vertical. Basal leaves simple, ca. 7, 3-sect. Cyme umbelliform, few-flowered; involucral bracts sessile, 3-4, foliaceous, 3-sect. Flower: sepals 5, white; filaments filiform; carpels ca. 11, ovaries puberulous, styles very short glabrous, stigmas conspicuous ellipsoid. Achenes broadly ellipsoid, puberulous, neither compressed nor ribbed, on apex with ellipsoid persistent stigma.

Type: *Anemone weixiensis* W. T. Wang.

Species 1, endemic to Weixi Xian, Yunnan Province.

Etymology: deinos + stigma: Greek for curious mark or spot, indicating the conspicuous stigma of *Anemone weixiensis*.

本新组的根状茎多少垂直,聚伞花序似伞形花序,具少数花,萼片5枚,花丝丝形,因此,与也具上述特征的卵叶银莲花组 [sect. *Begonifolia* (Ulbr.) Tamura] 有亲缘关系,与后者的区别在于本组的心皮数目较少,约11枚,子房被短柔毛,柱头明显,呈椭圆体形,瘦果被短柔毛,不扁,不具肋,在顶端具椭圆体形宿存柱头。在卵叶银莲花组(sect. *Begonifolia*) 心皮多数,无毛,柱头不明显,瘦果无毛,背腹扁,在背部具1条纵肋,在顶端无宿存柱头(Tamura, 1995; Ziman et al., 2008)。

维西银莲花 图 1

Anemone weixiensis W. T. Wang, sp. nov.
Fig. 1

Perennial herbs. Rhizome more or less vertical, robust. Basal leaves ca. 7, long petiolate; blades papery, pentagonal, 1.6-3.2 × 3-7 cm, at base cordate, adaxially subglabrous, abaxially on nerves sparsely pubescent, 3-sect, central segment broadly rhombic, 3-fid, lobes at margin lobulate, with lobules

1-denticulate or entire, lateral segments obliquely flabellate, at base cuneate, unequally 2-parted, secondary lobes 2-3-lobed, on margin lobulate and denticulate, nerves adaxially flat, abaxially prominent; petioles 2-10 cm long, with a few hairs. Scape solitary, 9-15 cm tall, only near involucre with a few hairs; cyme umbel-like, 2-5-flowered; involucral bracts 3-4, unequal in size, subsessile, pentagonal or broadly rhombic, 2.2-3.5 × 1.4-4 cm, 3-parted, lobes 2-3-lobed, margin lobulate; pedicels 4-8 cm long, subglabrous. Flower: sepals 5, white, oblong, 1.2-1.8 × 0.5-0.6 cm, glabrous, apex rounded. Stamens ca. 60, glabrous; filaments filiform, 3.5-5 mm long; anthers broadly elliptic or oblong, 1 × 0.25-0.8 mm, apex obtuse. Carpels ca. 11; ovaries sessile, ellipsoid, 2-2.6 × 1-1.5 mm, slightly compressed, ventrally and dorsally densely puberulous (hairs 0.3-0.5 mm long); styles 0.1-0.2 mm long, glabrous; stigmas ellipsoid, 0.3-0.4 mm long. Young achenes broadly ellipsoid, ca. 5 × 3 mm, puberulous; persistent stigmas 0.3-0.4 mm long.

云南(Yunnan): 维西县,栗地坪(Weixi Xian, Lidiping), alt. 3 100 m, 林间草地,花白色,果绿色(in grassy places among forests, flowers white, fruits green) 2008-07-28, 杨亲二,袁琼(Q. E. Yang & Q. Yuan) 2042(**holotype** and isotype, PE)。

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