

## 平武翠雀花, 四川毛茛科一新种

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摘要: 本文描述了自四川省发现的毛茛科翠雀属一新种——平武翠雀花, 并给出其与近缘种的区别特征。

关键词: 毛茛科; 翠雀属; 新种; 四川

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### *Delphinium pingwuense*, a New Species of Ranunculaceae from Sichuan Province, China

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Abstract: A new species of the genus *Delphinium* (Ranunculaceae), *D. pingwuense*, is described from Sichuan Province, China. The diagnostic differences between it and its ally are given.

Key words: Ranunculaceae; *Delphinium*; New species; Sichuan

#### 平武翠雀花 (图 1)

*Delphinium pingwuense* W. T. Wang, sp. nov.,  
Fig. 1. (Sect. *Delphinastrum* DC.)

Ob inflorescentias corymbosas paucifloras, sepala caerulea et staminodia sepalis concoloria species nova haec est affinis *D. eriostylo* Lévl., quod caulibus glabris vel prope basin sparse hispidis, foliorum laminis majoribus 7–16 cm latis minus divisis, earum lobulis ultimis ovatis, pedicellis glanduloso-puberulis, petalis apice 2-lobulatis, staminodiis ventro supra basin flavo-barbatis facile differt.

Perennial herbs. Stem ca. 45 cm tall, above base ca. 2 mm across, densely spreading-pubescent, with 3 branches. Basal leaf and lowermost cauline leaf at anthesis withered, other cauline leaves ca. 4, long or shortly petiolate; blades

papery, pentagonal in outline, 2–3 × 4.8–6 cm, 3-parted to 3–5 mm above base, base deeply cordate, central primary lobe rhombic, ca. 2 cm broad, pinnately parted, secondary lobes linear or narrowly triangular, 1–2-denticulate, ciliate, lateral primary lobes larger, obliquely flabellate, nearly to base unequally 2-parted, secondary lobes narrowly rhombic, 3-fid; surfaces adaxially and abaxially appressed-puberulous; petioles 2–5.5 cm long, densely spreading-pubescent, base narrowly vaginate. Corymbs terminal to stem and branches, 2–4-flowered; bract shortly petiolate, 3-sect, with linear lobes, or undivided, linear, 6–9 mm long; pedicels slender, 3–7 cm long, densely appressed-puberulous, near middle 2-bracteolate; bracteoles subulate or filiform, 2.5–4 mm long, glabrous. Sepals blue, adaxially glabrous, abaxially sparsely puberulous; upper

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A. 植株全形; B. 退化雄蕊; C. 雄蕊; D. 雌蕊群。  
A. Habit; B. Staminode; C. Stamen; D. Gynoecium. (all from the holotype)

图 1 平武翠雀花  
Fig. 1 *Delphinium pingwuense*

sepal broadly ovate, ca. 1.1 × 1 cm, spur subulate, 2.2 – 2.4 cm long, decurved, base ca. 3.5 mm across; lateral sepals broadly obovate, ca. 1.1 × 1 cm; lower sepals long elliptic, ca. 1.5 × 0.8 cm. Petals glabrous, apex obtuse, undivided. Staminodes ca. 1.3 cm long; limbs blue, rectangular in outline, 8 mm long, 2-parted, adaxially above base sparsely white puberulous, lobes linear-triangular, ciliate; claws white, ca. 5.5 mm long, glabrous. Stamens ca. 6 mm long, glabrous; filaments white, lanceolate-linear; anthers dark-blue, oblong, ca. 1.8 mm long. Carpels 3, glabrous; ovaries greenish-white, 2 mm long; styles 1 mm long, above dark-blue. Young follicles narrowly oblong, ca. 1.4 cm long, glabrous.

四川省( Sichuan Province): 平武县( Pingwu County) 老河沟保护区( Laohegou Nature Reserve), 2013-09-26, 张寿洲、王忠涛、杨建芬( S. Z. Zhang, Z. T. Wang & J. F. Yang) 1072

( holotype, PE)。

本种的花序为具少数花的伞房花序, 退化雄蕊的颜色与萼片的颜色相同, 均为蓝色, 从这些特征可见平武翠雀花与也具这些特征的毛梗翠雀花 *Delphinium eriostylum* Lévl. 在亲缘关系上相近。两者的主要区别特征为: 本种的茎密被柔毛, 叶较小, 叶片宽 4.8~6 cm, 分裂程度较大, 末回裂片呈条形或狭三角形, 花梗密被短柔毛, 花瓣顶端钝, 不分裂, 退化雄蕊腹面基部以上疏被白色短柔毛; 毛梗翠雀花的茎无毛或只在近基部疏被糙硬毛, 叶较大, 叶片宽 7~16 cm, 分裂程度较小, 末回裂片呈卵形, 花梗被腺毛, 花瓣顶端微 2 裂, 退化雄蕊腹面基部以上被黄色髯毛<sup>[1]</sup>。

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