

翠雀花属一新种和一新变种

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 描述了隶属翠雀花组翠雀花亚组的一新种和伊犁翠雀花的一新变种。

关键词 毛茛科;翠雀花属;新种;新变种;中国

中图分类号:S718.49 文献标志码:A doi:10.7525/j.issn.1673-5102.2021.02.001

A New Species and a New Variety of *Delphinium*(Ranunculaceae) from China

WANG Wen-Tsai

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

Abstract A species, belonging to Sect. *Delphinastrum* DC. subsect. *Grandiflora* W.T.Wang, and a variety of *D. iliense* Huth were described as new.

Key words Ranunculaceae; *Delphinium*; new species; new variety; China

最近,作者在整理毛茛科植物标本过程中,发现了翠雀花属一新种和一新变种。

毛梗伊犁翠雀花(新变种)

Delphinium iliense Huth var. *pubipes* W. T. Wang, var. nov.

A var. *iliensi* differt pedicellis pubescentibus. In var. *iliensi*, pedicelli glabri sunt.

新疆(Xinjiang):昭苏县,康苏沟(Zhaosu Xian, Kangsugou), alt. 2 200 m,花蓝色(fls. blue), 1985-07-30,徐文友等(W. Y. Xu et al.) 466(holo-type, PE, 标本条形码号 00500379); 同地(same locality), 铁里木克山, 马克希, alt. 2 410 m, 山坡, 花蓝紫色(on slope, fls. blue-puburple), 1974-07-28, 林有润(Y. R. Lin) 74-507 (PE, 标本条形码号 00500377); 同地(same locality), 苦都(Kudu), alt. 1 680 m, 干山坡, 花紫色(on dry slope, fls. purple), 1974-08-02, 林有润 74-698 (PE, 标本条形码号 00500382)。

此变种与模式变种的区别只在于其花梗被柔毛。在模式变种,花梗无毛^[1-2]。

华山翠雀花 图1

Delphinium huashanicum W.T.Wang, sp. nov.

Fig.1

(Sect. *Delphinastrum* DC. subsect. *Grandiflora* W. T. Wang)

Ob caules simplices, folia basalia nonnulla praesentia 3-secta, inflorescentias racemosas, sepala calcar sepalino longiora species nova haec est affinis *D. pseudothibetico* W. T. Wang & M. J. Wernock, a quo caulibus et foliorum laminis utrinque puberulis, staminodiorum limbis suborbicularibus apice 2-lobulatis ventre albo-barbatis differt. In *D. pseudothibetico*, caules patule hispidi, foliorum laminae strigosae, et staminodiorum limbi obovati 2-lobati ventre flavo-barbati sunt.

Perennial herb, ca. 55 cm tall. Stem near base 2 mm across, simple, densely retrorse-appressed-puberulous (with hairs 0.10-0.25 mm long), 2-leaved. Basal leaves ca. 5, long petiolate; blades papery, cordate-pentagonal, 1-4.5 cm × 1.6-7 cm, 3-sect,

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

收稿日期:2020-10-25

Author introduction: WANG Wen-Tsai (1926—), male, professor, academician of Chinese Academy of Sciences, majoring in taxonomy of flowering plants.

Received date: 2020-10-25

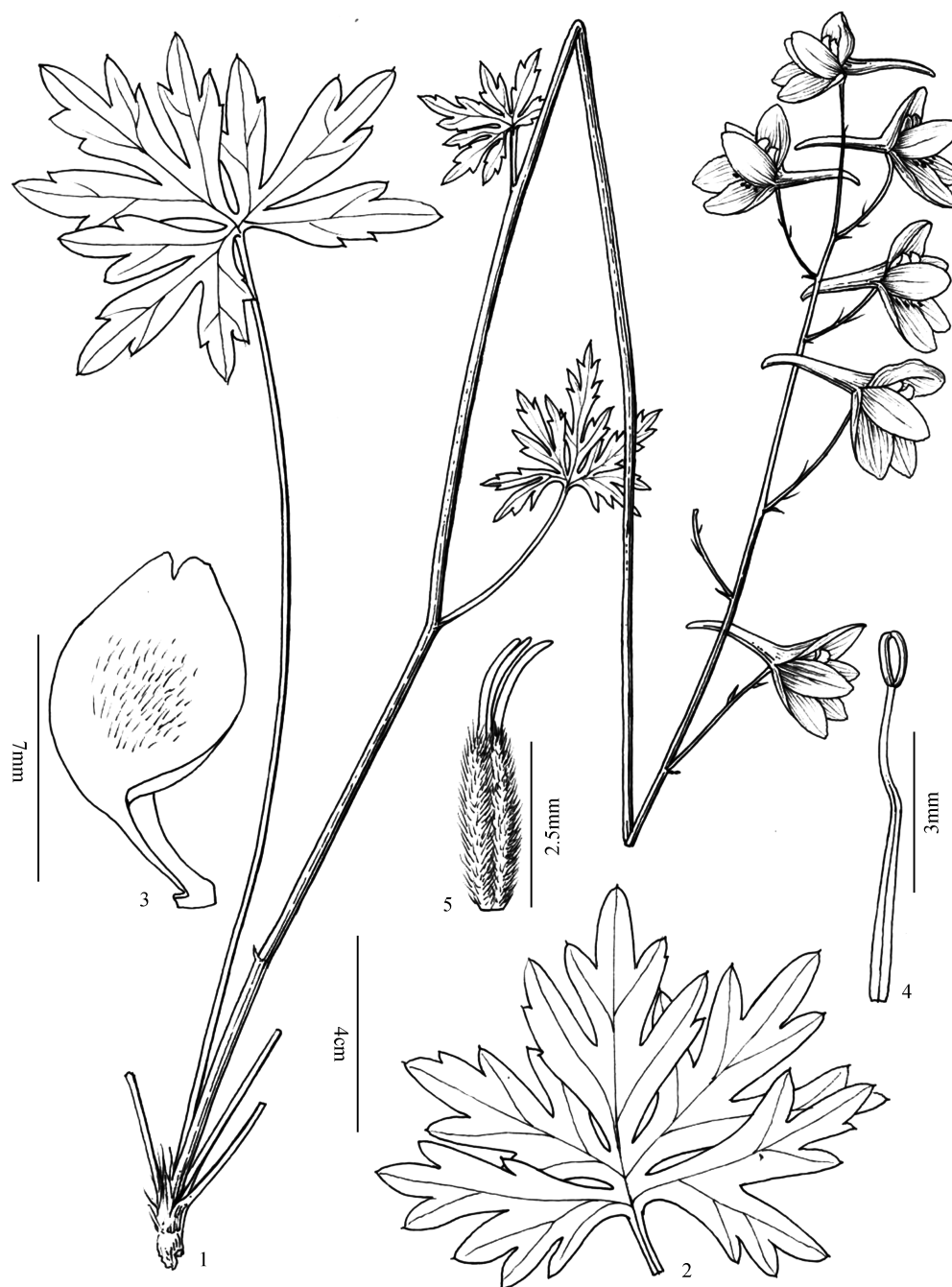


图1 华山翠雀花

1. 植株全形; 2. 基生叶; 3. 退化雄蕊; 4. 雄蕊; 5. 雌蕊群

Fig.1 *Delphinium huashanicum*

1. Habit; 2. Basal leaf; 3. Staminode; 4. Stamen; 5. Gynoecium

central segment rhombic or narrow-rhombic, 3-lobed to 3-parted, with lobes lobulate or dentate, lateral segments flabellate, unequally 2-parted, with lobes twice lobed and with ultimate lobes triangular or narrow-ovate; surfaces adaxially and abaxially densely

minutely puberulous (with hairs less than 1 mm long); petioles 6-19 cm long. Cauline leaves similar to basal ones; lower cauline leaf with petiole 4 cm long and blade 3 cm broad; upper cauline leaf sessile, with blade 3 cm broad. Raceme terminal,

ca. 22 cm long, 8-flowered; basal bract with petiole 2 mm long, and with blade 2 mm × 2 mm, 3-sect, with lobers linear, puberulous, other bracts sessile, lanceolate-linear or narrow-linear, 2.5-3 mm × 0.2-0.5 mm, puberulous, undivided or near apex 1-lobulate; pedicels 1.5-4 cm long, densely puberulous, below or above 2-bracteolate; bracteoles alternate, linear, 2-2.5 mm × 0.3 mm, puberulous. Flower: Sepals blue, adaxially glabrous, abaxially sparsely puberulous, upper sepal broad-ovate, 14 mm × 10 mm, spur subulate, near apex slightly recurved, 12-14 mm long, at base 3-3.5 mm across, densely puberulous, lateral sepals elliptic, 16 mm × 8 mm, lower sepals obovate or narrow-obovate, 12-14 mm × 5-7 mm. Petals 2, yellowish, glabrous, apex obtuse. Staminodes 2; limbs along margin blue, else-where white, suborbicular, ca. 7.0 mm × 6.2 mm, on apex 2-lobulate, on the middle densely and long white-barbate; claws white, 5.5 mm long, at base minutely 1-appendiculate. Stamens ca. 25, glabrous; anthers dark-blue or brown, broad-elliptic, 1 mm × 0.5-0.6 mm; filaments white, 5-6 mm long, below lanceolate-linear, above filiform. Carpels 3; ovaries narrow-oblong, 2.5 mm × 0.8 mm, densely appressed-puber-

ulous; styles 1.5-1.8 mm long, glabrous.

陕西(Shaanxi):华阴市(Huayin Shi),华山,青柯坪之下,山坡(Hua Shan, below Qingkeping, on slope), 1952-09-22, 王献溥(X.P.Wang) 20564 (Holotype, PE, 标本条形码号 01566868)。

本种的茎不分枝,具数枚3全裂基生叶,花序总状,萼片比萼距稍长,因此也与具上述形态特征的拟澜沧翠雀花(*D.pseudothibeticum* W.T.Wang & M.J.Warnock)有相近的亲缘关系;与后者的区别在于本种的茎和叶片两面均被短柔毛,退化雄蕊瓣片近圆形,顶端2微裂,腹面被白色髯毛。在拟澜沧翠雀花,茎被开展糙硬毛,叶片两面均被糙伏毛,退化雄蕊瓣片倒卵形,2浅裂,腹面被黄色髯毛。^[1]

致谢 衷心感谢孙英宝先生为本文绘图,并打印稿件。

参 考 文 献

- [1] Huth E. Monographie der Gattung *Delphinium* [J]. Botanische Jahrbücher, 1895, 20: 322-499.
- [2] Wang W T, Warnock M J. *Delphinium* L. [M]. // Wu Z Y, Raven P H. Flora of China. Beijing: Science Press; St. Louis: Missouri Botanical Garden Press, 2001, 6: 223-274.