

庐江毛茛 安徽毛茛科一新种

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摘要 描述了发现自安徽省毛茛科毛茛属一新种 庐江毛茛 *Ranunculus lujiangensis*。此新种与怀宁毛茛 *R. huainingensis* 在亲缘关系上甚为相似 与后者的区别在于本种的叶或小叶的裂片全缘或有不明显的浅齿 萼片呈宽船状椭圆形 不具脉 边缘有 3~4 根毛 子房宽卵形。

关键词 毛茛科; 毛茛属; 新种; 安徽

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Ranunculus lujiangensis a New Species of Ranunculaceae from Anhui Province

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Abstract A species of the genus *Ranunculus* (Ranunculaceae), *Ranunculus lujiangensis*, is described as new from Anhui Province. This new species is closely related to *R. huainingensis* W. T. Wang, Z. Yang & J. Xie, differing from *R. huainingensis* in its entire or inconspicuously crenulate lobes of leaves or leaflets, broadly cymbiform elliptic, not nervate and on margin 3-4-piliferous sepals, and broadly ovate ovaries. In *R. huainingensis*, the lobes of leaves or leaflets are 1-3-denticulate on margin, the sepals are narrowly elliptic, longitudinally 3-nerved and glabrous, and the ovaries are lanceolate in shape.

Key words Ranunculaceae; *Ranunculus*; new species; Anhui Province

庐江毛茛 图 1

Ranunculus lujiangensis W. T. Wang & D. Q.

Wang, sp. nor. Fig. 1

(Subgen. *Ranunculus* sect. *Tuberifer* Tamura^[1])

Ob plantas tuberibus radicalibus praeditas, folia simplicia vel ternata, petali foveam nectariferam haud squamatam et ovaria stylis leviter longiora species nova haec est arcte affinis *R. huainingensi* W. T. Wang, Z. Yang & J. Xie, a quo foliorum vel foliolorum lobis margine integris vel inconspicue crenulatis, sepalis late et cymbiformiter ellipticis haud nervatis margine 3-4-piliferis, ovarii late ovatis differt. In *R. huain-*

ingensi, foliorum vel foliolorum lobi margine 1-3-denticulati, sepala plana anguste elliptica longitudinaliter 3-nervata glabra, et ovaria lanceolata sunt.

Perennial herb, 20-25 cm tall, with ca. 3 obconic root tubers ca. 3 mm long. Leaves ca. 4, all basal, simple or ternate, long petiolate, glabrous; blades of simple leaves membranous, sunbreniform or subpentagonal (0.6-0.8-1.2 cm × (0.9-1.1-1.8 cm), at apex rounded, at base shallowly cordate, 3-lobulate or 3-parted, central primary lobe undivided and entire, lateral primary lobes unequally 2-lobulate, entire or inconspicuously crenulate; blades or ternate leaves larger, 1.6-2.6 cm × 2 cm, terminal

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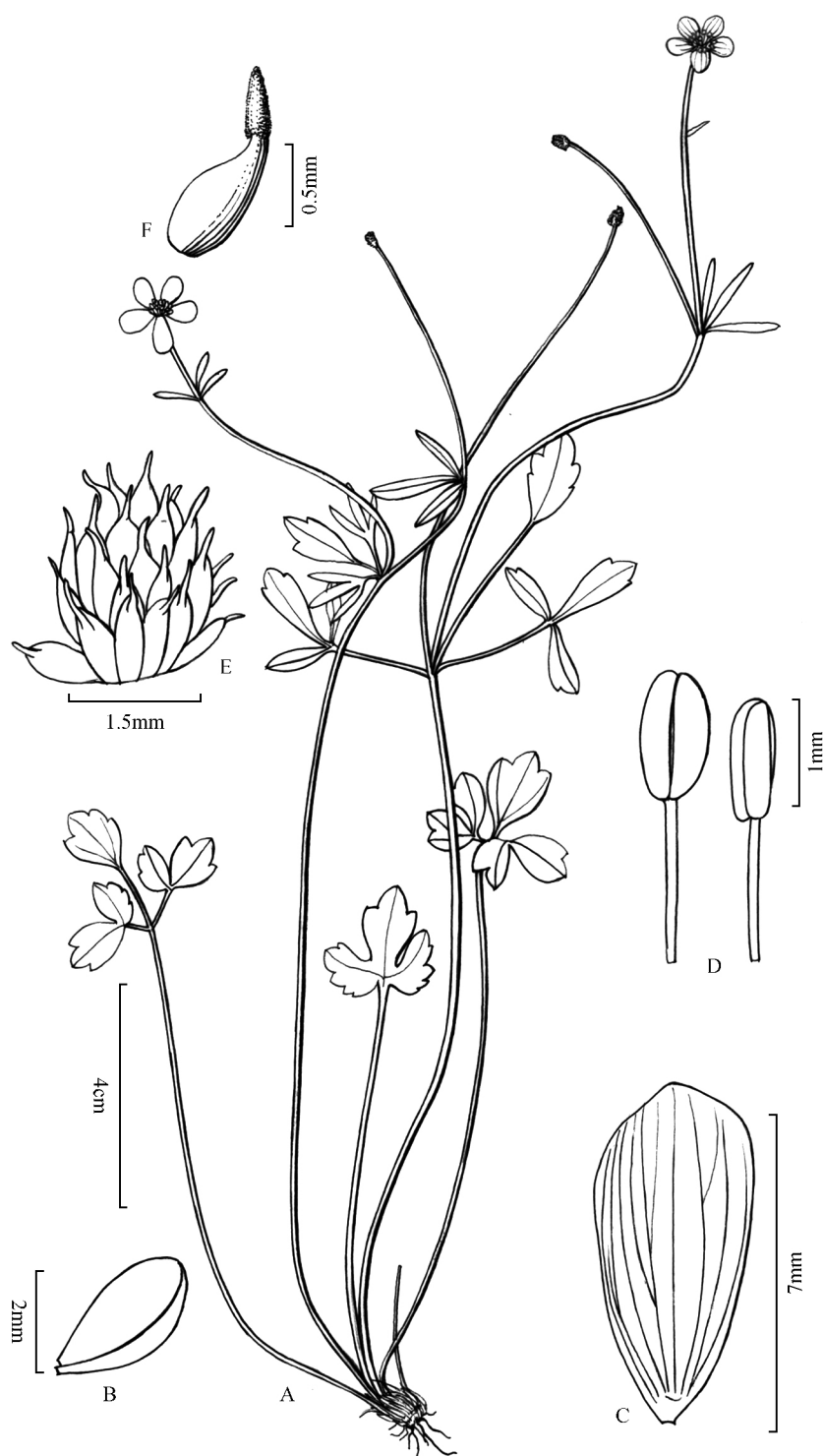


图1 庐江毛茛 A. 植株全形; B. 萼片; C. 花瓣; D. 二雄蕊; E. 雌蕊群; F. 心皮

Fig.1 *Ranunculus lujiangensis* A. Habit; B. Sepal; C. Petal; D. Two stamens; E. Gynoecium; F. Carpel (from holotype)

leaflet long petiolulate, (petiolule 0.7 - 1.3 cm long), obovate, broadly obovate or suborbicular, 1 cm × 0.7 - 1 cm, 3-lobulate or 3-lobed, with lobes entire or 1-crenulate, lateral leaflets with short petio-

les 3 - 4 mm long, similar to terminal leaflet or unequally 2-parted with obovate lobes at apex 2 - 3-lobulate; petioles slender, 6.5 - 10.5 cm long. Scapes 1 - 2, slender, 13 - 15 cm long, glabrous. Mono-

chasia terminal, (1 -) 2 - 4-flowered, glabrous; bracts 3, central one long petiolate, narrowly obovate, at each side near apex 1-denticulate, lateral ones long or shortly petiolate, 3-sect; pedicels slender, 1.8 - 8 cm long. Flower: Sepals 5, whitish, broadly and cymbiformly elliptic, ca. 3 mm × 2 mm, longitudinally and shortly 3-green-striate, on margin 3-4-piliferous. Petals 5, yellow, obovate, ca. 7.2 mm × 5 mm, at apex rounded, above base with a minute desquamate nectary pit, claws inconspicuous. Stamens ca. 25, glabrous; filaments white, narrow-linear, 1.2 - 1.5 mm long; anthers yellowish, broadly ellipsoid or oblong, 1 - 1.2 mm × 0.5 - 1 mm. Gynoecium broadly ovoid, ca. 2 mm long, consisting of ca. 24 carpels; ovaries greenish, obliquely and broadly ovate, ca. 0.7 mm × 0.5 mm, glabrous; styles white, ca. 0.5 mm long.

安徽省(Anhui Province): 庐江县, 汤池(Lujiang Xian, Tangchi) alt. 150 m, 镇边林中(in forest near the town of Tangchi), 2018-03-19, 王德群(Wang De-Qun) W1804(**holotype** and isotype PE).

本种的植株具块根, 叶为单叶或三出复叶, 花瓣的蜜槽无鳞片, 子房比花柱稍长, 因此与也具上述特征的怀宁毛茛 *R. huainingensis* W. T. Wang, Z. Yang & J. Xie 在亲缘关系上甚为相近, 与后者的区别在于本种的叶或小叶的裂片全缘或具不明显的浅齿, 萼片呈宽船状椭圆形, 无脉, 边缘有 3~4 根毛, 子房呈宽卵形。在怀宁毛茛, 叶或小叶的裂片边缘有 1~3 小齿, 萼片平, 狭椭圆形, 具 3 条纵脉, 子房呈披针形^[2]。

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