

巢湖铁线莲, 安徽毛茛科一新种

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摘要 描述了自安徽发现的毛茛科铁线莲属一新种, 巢湖铁线莲, 并给出其与近缘种的区别特征。

关键词 毛茛科; 铁线莲属; 新种; 安徽

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Clematis chaohuensis a New Species of Ranunculaceae from Anhui Province

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Abstract A new species of the genus *Clematis* (Ranunculaceae), *C. chaohuensis*, is described as new from Anhui Province, and the diagnostic differences between it and its ally are given.

Key words Ranunculaceae; *Clematis*; new species; Anhui

巢湖铁线莲 图 1

Clematis chaohuensis W. T. Wang & L. Q. Huang, sp. nov. Fig. 1

(Sect. *Clematis* subsect. *Clematis*)

Ob sepala patentia, stamina glabra, filamenta laevia, antheras oblongas vel anguste oblongas, caules volubiles et folia bipinnata species nova haec est fortasse affinis *C. puberulae* Hook. f. & Thoms., quae plantis siccitate nigrescentibus, foliolis papyraceis puberulis nervis planis haud reticulatis, sepalis longitudinaliter 4-5-nervibus, staminibus numerosis 6-11 mm longis, carpellis numerosis, stylis 5-7 mm longis praeclare differt.

Small lignous vines. Stems ca. 1.8 m long, ca. 3 mm across, glabrous, longitudinally and shallowly 6-sulcate, above branched; branches slender, 7-28 cm long, 0.6-1 mm across, glabrous. Leaves opposite, glabrous; cauline leaves mostly bipinnate, 10-14 cm long, each with 3 pairs of pinnae, the lowest pinnae 3-foliolate, and the others simple or 2-foli-

olate, leaflets coriaceous, ovate, rhombic, narrowly elliptic or broadly ovate, 2-4 cm × 1.2-3 cm, apex acuminate or acute, base broadly cuneate, margin pungently serrate, undivided or 1-3-lobed, rarely unequally 2-parted; nervation trinerved, with basal nerves and secondary and tertiary nerves strongly prominent on both surfaces and forming conspicuous network; upper cauline leaves and rameal leaves smaller, odd-pinnate, 3-8.5 cm long, 5-7-foliolate, leaflets 0.3-2 cm × 0.2-2 cm, apex acute, margin 2-3-lobed or 2-3-parted or undivided, few-serrate or entire; petioles 1-4.2 cm long, longitudinally 4-6-angulate or subterete. Cymes glabrous; terminal cymes twice branched, ca. 9-flowered; bracts 2, opposite, ca. 2 cm long, slenderly petiolate, ternate, with leaflets ovate, 4.5-7.5 mm long, entire and twisted petiolules; bracteoles linear, ca. 1.8 mm long; pedicels 5-20 mm long; axillary cymes usually solitary, rarely in pairs, 1-3-flowered; peduncles 6-12 mm long, bracts 2, opposite, linear, 1-1.6 mm long, sometimes wanting; bracteoles

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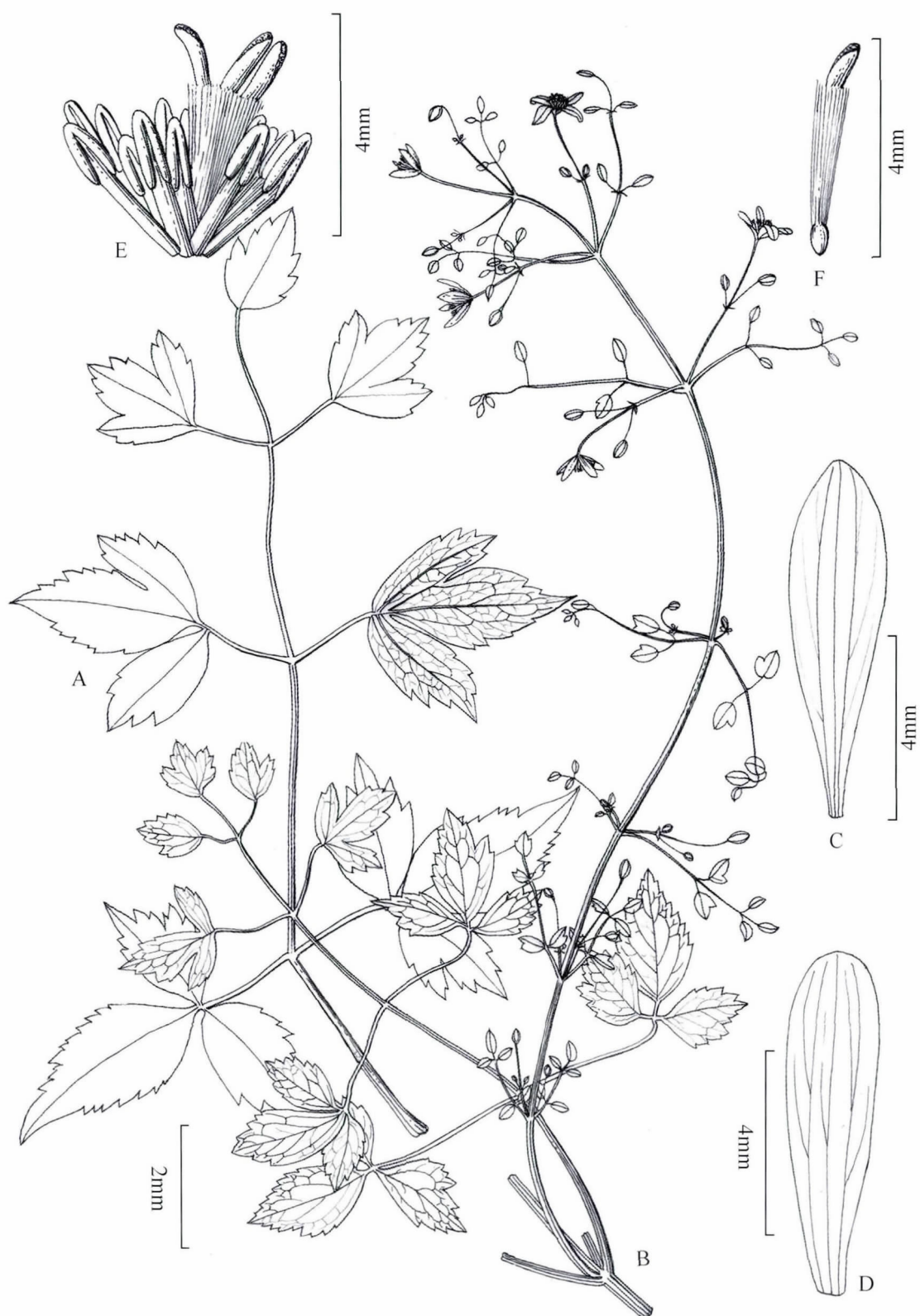


图1 巢湖铁线莲 A. 中部茎生叶; B. 上部茎生叶和腋生枝; C, D. 萼片; E. 雄蕊群和雌蕊群; F. 心皮

Fig. 1 *C. chaohuensis* A. Middle cauline leaf; B. Upper cauline leaf and its axillary branch; C, D. Sepals; E. Androecium and gynoecium; F. Carpel (from holotype)

linear, 1 - 1.2 mm long; pedicels 3 - 11 mm long. Flower small: Sepals 4, white, spreading, narrowly oblong or broadly oblanceolate, 6.5 - 7 mm × 1.5 - 1.8 mm, adaxially glabrous, abaxially along margin shortly velutinous, longitudinally 3-nerved, apex subrounded or subtruncate. Stamens ca. 14, 2.5 - 3 mm long, glabrous; filaments linear; anthers oblong or narrowly oblong, 1 - 1.2 mm long, apex obtuse. Carpels 2 - 3, ca. 3.8 mm long; ovaries ca. 0.7 mm long, near apex sparsely sericeous; styles ca. 3 mm long, below long sericeous, apex slightly dilated, adaxially stigmatose.

小木质藤本植物。茎长约 1.8 m, 粗约 3 mm, 无毛, 具 6 条浅纵槽, 上部分枝; 枝条细, 长 7 ~ 28 cm, 粗 0.6 ~ 1 mm。叶对生, 无毛; 基生叶多为二回羽状复叶, 长 10 ~ 14 cm, 每叶具 3 对羽片, 最下部羽片具 3 小叶, 其他羽片简单或具 2 小叶, 小叶革质, 卵形、菱形、狭椭圆形或宽卵形, 长 2 ~ 4 cm, 宽 1.2 ~ 3 cm, 顶端渐尖或急尖, 基部宽楔形, 边缘具锐尖锯齿, 不分裂或 1 ~ 3 浅裂, 稀不等 2 深裂, 具三出脉, 基出脉和二、三回脉两面均强烈隆起, 形成明显脉网; 上部茎生叶和枝生叶较小, 为奇数羽状复叶, 长 3 ~ 8.5 cm, 具 5 ~ 7 小叶, 小叶长 0.3 ~ 2 cm, 宽 0.2 ~ 2 cm, 顶端急尖, 边缘 2 ~ 3 浅裂或深裂, 或不分裂, 具少数锯齿或全缘; 叶柄长 1 ~ 4.2 cm, 具 4 ~ 6 条纵棱或近圆柱形。聚伞花序无毛; 顶生聚伞花序二回分枝, 约有 9 花; 苞片 2, 对生, 长约 2 cm, 有细柄, 为三出复叶, 小叶卵形, 长 4.5 ~ 7.5 mm, 全缘, 小叶柄螺旋状弯曲; 小苞片条形, 长约 1.8 mm; 花梗长 5 ~ 20 mm; 腋生聚伞花序通常单生, 稀成对着生, 具 1 ~ 3 花; 花序梗长 6 ~ 12 mm; 苞片 2, 对生, 条形, 长 1 ~ 1.6 mm, 有时不存在; 小苞片条形, 长 1 ~ 1.2 mm; 花梗长 3 ~ 11 mm。花小: 萼片 4, 白色, 开展, 狭长圆形或宽倒披针形,

长 6.5 ~ 7 mm, 宽 1.5 ~ 1.8 mm, 腹面无毛, 背面沿边缘被短绒毛, 具 3 条纵脉, 顶端近圆形或近截形。雄蕊约 14, 长 2.5 ~ 3 mm, 无毛; 花丝条形; 花药长圆形或狭长圆形, 长 1 ~ 1.2 mm, 顶端钝。心皮 2 ~ 3, 长约 3.8 mm; 子房长约 0.7 mm, 近顶端疏被绢毛; 花柱长约 3 mm, 下部密被长绢毛, 顶端稍变宽, 具柱头。

安徽(Anhui): 巢湖市(Chaohu Shi), 银屏山(Yinping Shan), 吕婆店(Lüpodian), alt. 150 m, 山坡林缘多石处(on rocks at forests edge on slope), fls. white, 1995 - 08 - 28, 王德群(D. Q. Wang) 70543(holotype, PE); 同地(same locality), 散兵镇(Sanbing Zhen), alt. 200 m, 1995 - 05 - 25, 王德群 95386(paratype, PE)。

本种的萼片开展, 雄蕊无毛, 花丝平滑, 花药长圆形或狭长圆形, 以及茎缠绕, 叶为二回羽状复叶, 从这些特征看, 在亲缘关系方面可能接近短毛铁线莲(*Clematis puberula* Hook. f. & Thoms.) 与后者的区别在于本种的植株干燥后不变黑色, 小叶革质, 无毛, 叶脉两面隆起形成明显脉网, 萼片有 3 条纵脉, 花的雄蕊 14 枚, 很短, 长 2.5 ~ 3 mm, 心皮很少, 只 2 ~ 3 枚, 也很短, 花柱长约 3 mm。在短毛铁线莲, 植株干燥后变为黑色, 小叶纸质, 被短柔毛, 叶脉平, 不形成明显脉网, 萼片有 4 ~ 5 条纵脉, 花的雄蕊多数, 长 6 ~ 11 mm, 心皮亦为多数, 花柱长 5 ~ 7 mm^[1]。

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