

甘南铁线莲, 甘肃毛茛科一新种

王文采, 李良千

(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: 该文描述了自甘肃南部发现的毛茛科铁线莲属的一新种, 甘南铁线莲。

关键词: 毛茛科; 铁线莲属; 新种; 甘肃; 甘南铁线莲

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Clematis austrogansuensis, a new species of Ranunculaceae from Gansu

WANG Wen-Tsai, LI Liang-Qian

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

Abstract: A new species of Ranunculaceae, *Clematis austrogansuensis* W. T. Wang & L. Q. Li, is described from southern Gansu Province. In the genus *Clematis*, it is related to *C. shensiensis* W. T. Wang, from which it differs in its hornotinous branchlets only sparsely puberulous on nodes, leaflets only near base sparsely puberulous, 1-flowered cymes, and anthers with obtuse apices.

Key words: Ranunculaceae; *Clematis*; new species; Gansu; *C. austrogansuensis*

中国科学院植物研究所标本馆于2007年5月派队到甘肃文县白水江流域进行植物区系考察, 采集到大量植物标本, 最近我们在鉴定毛茛科标本的过程中发现铁线莲属一新种, 现在本文发表。

甘南铁线莲 (图1)

Clematis austrogansuensis W. T. Wang & L. Q. Li, sp. nov. (sect. *Clematis* ser. *Rectae* Prantl) (Fig. 1).

Species nova haec est affinis *C. shensiensi* W. T. Wang, quae ramulis hornotinis et foliolis subtus dense puberulis, cymis axillaribus 3-7-floris, antheris apice apiculatis differt.

Liana lignosa. Ramulus hornotinus circ. 30 cm longus, basi circ. 3 mm crassus, longitudinaliter vadosaque 10-sulcatae, ad nodos sparse puberulus, ali-

bi glaber. Folia opposita, 5-foliolatim pinnata; foliola papyracea, ovata vel anguste ovata, 4.2-6 cm longa, 1.7-3.2 cm lata, apice acuta vel acuminata, basi subcordata, margine integra, utrinque prope basin tantum sparse puberula, alibi glabra, costa media supra plana subtus prominula, petiolulis 5-15 mm longis sparse puberulis; petioli 5.8-6 cm longi, basi apiceque sparse puberuli vel subglabri. Cymae axillares 1-florae; pedunculi 6-6.5 cm longi, superne sparse puberuli; bracteae 1-2, petiolatae, glabrae, laminis anguste ovatis 1.2-2.5 cm longis apice acutiusculis, petiolis 3-9 mm longis. Cyma terminalis laxae 5-florae; pedunculus circ. 11 cm longus, subglaber; bracteae oppositae, foliaceae, petiolatae, circ. 10 cm longae, 3-foliolatae; pedicelli

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作者简介: 王文采(1926-),男,研究员/教授,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。

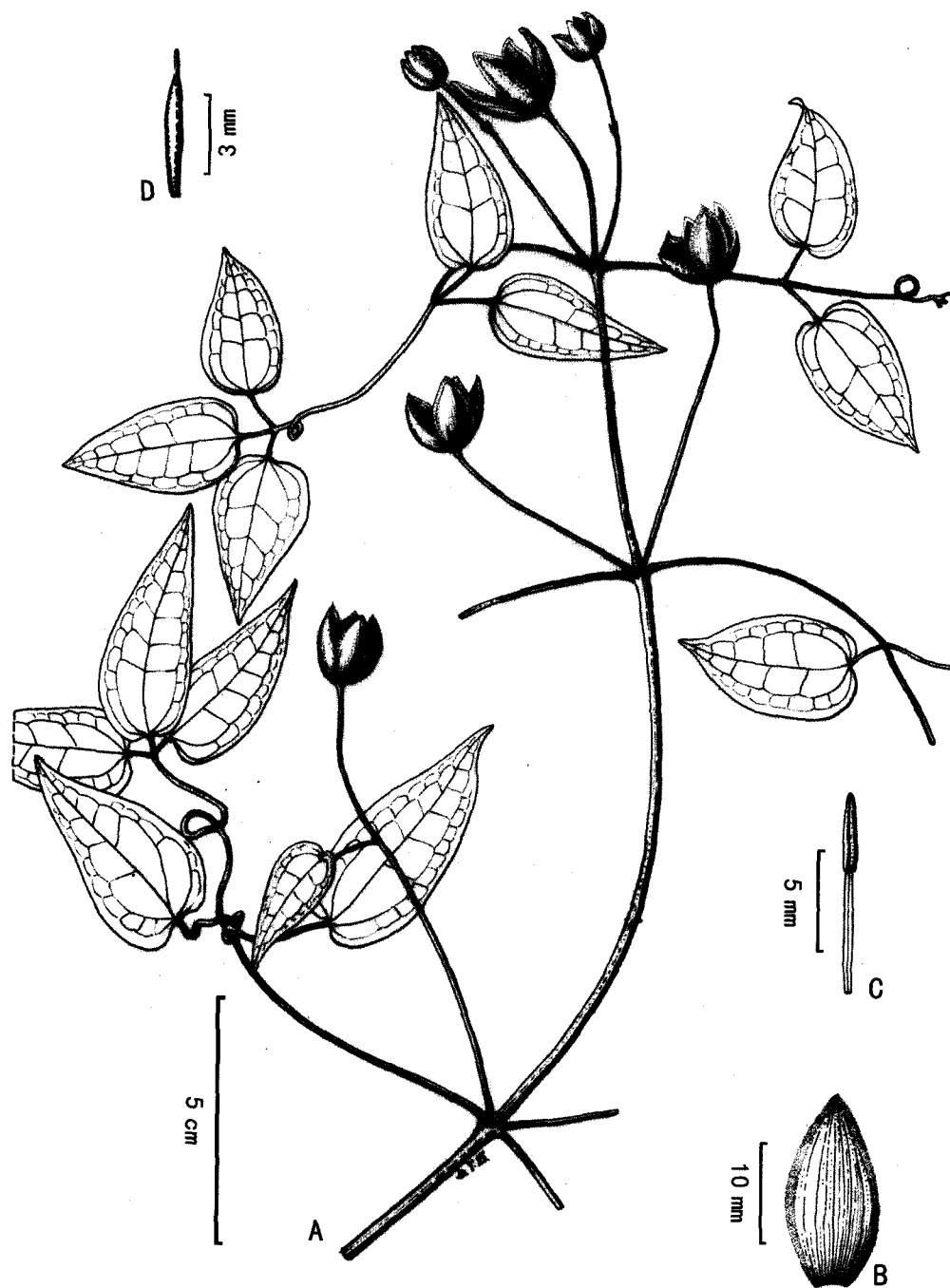


图 1 甘南铁线莲

Fig. 1 *Clematis austrogansuensis* W. T. Wang & L. Q. Li

A. 开花枝; B. 萼片(背面); C. 雄蕊; D. 心皮。

A. Flowering branch; B. Sepal, abaxial surface; C. Stamen; D. Carpel. (from holotype).

2—5.7 cm longi, superne puberuli, nudi vel 1-bracteolati, bracteolis lanceolato-linearibus circ. 3 mm longis puberulis. Flos circ. 4 cm in diam.; sejala 4, alba, anguste ovata, circ. 1.5 cm longa, 6 mm lata, intus glabra, extus superne dense inferne sparse ad-

presse puberula, margine albo-velutina; stamina numerosa, 8—9 mm longa, glabra, filamentis linearibus 3.5—4.5 mm longis, antheris linearibus 3—4 mm longis apice obtusis; carpella circ. 15, subulata, 6—7 mm longa, puberula.

木质藤本。当年生小枝长约 30 cm, 基部粗约 3 mm, 有 10 条浅纵沟, 在节上疏被短柔毛, 其它部分无毛。叶对生, 为具 5 小叶的羽状复叶; 小叶纸质, 卵形或狭卵形, 长 4.2—6 cm, 宽 1.7—3.2 cm, 顶端急尖或渐尖, 基部浅心形, 边缘全缘, 两面只在近基部处疏被短柔毛, 其他部分无毛; 叶柄长 5.8—6 cm, 基部和顶端疏被短柔毛或近无毛。腋生聚伞花序具 1 花; 花序梗长 6—6.5 cm, 上部疏被短柔毛; 苞片 1—2, 具柄, 无毛, 叶片狭卵形, 长 1.2—2.5 cm, 顶端微尖, 叶柄长 3—9 mm。顶生聚伞花序有稀疏 5 花; 花序梗长约 11 cm, 近无毛; 苞片对生, 叶状, 具柄, 长约 10 cm, 有 3 小叶; 花梗长 2—5.7 cm, 上部被短柔毛, 裸或具 1 小苞片, 小苞片披针状条形, 长约 3 mm, 被短柔毛。花直径约 4 cm; 萼片 4, 白色, 狭卵形, 长约 1.5 cm, 宽 6 mm, 内面无毛, 外面上部密被、下部疏被贴伏短柔毛, 边缘被白色短绒毛; 雄蕊多数, 长 8—9 mm, 无毛, 花丝条形, 长 3.5—4.5 mm, 花药条形, 长 3—4 mm, 顶端钝; 心皮约 15, 钻形, 长 6—7 mm, 被短柔毛。

甘肃(Gansu): 文县(Wen Xian), 刘家坪(Liujiaping), 水晶山(Shuijingshan), alt. 1 420 m, 山路路边灌丛中(in shrubbery on slope), 花白色, 苞片绿色(fl. white, bracts green), 2007-05-16, 白水江队(Baishuijiang Exped.) 4490(holotype, PE)。

本种与陕西铁线莲 *Clematis shensiensis* W. T. Wang 在亲缘关系上相接近, 但当年生小枝在节上疏被短柔毛, 小叶两面只在近基部处疏被短柔毛, 腋生聚伞花序有 1 花, 花药顶端钝, 无短尖头而与后者不同。在陕西铁线莲, 当年生小枝和小叶下面密被短柔毛, 腋生花序有 3—7 花, 花药顶端有短尖头(Wang, 2003)。

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