

麻栗坡荨麻, 云南荨麻科一新种

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 描述了自云南发现的荨麻科荨麻属一新种, 麻栗坡荨麻, 并给出其与近缘种的区别特征。

关键词 荨麻科; 荨麻属; 新种; 云南

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Urtica malipoensis A New Species of Urticaceae from Yunnan

WANG Wen-Tsai

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

Abstract A species of the genus *Urtica* (Urticaceae), *U. malipoensis*, is described as new from Yunnan Province. The diagnostic differences between it and its ally are given.

Key words Urticaceae; *Urtica*; new species; Yunnan

麻栗坡荨麻 图 1

Urtica malipoensis W. T. Wang, sp. nov. Fig. 1.
(Sect. **Ardentes** C. J. Chen)

Species nova haec est arcte affinis *U. fissae* Pritz., quae foliis late ovatis vel ambitu pentagonis vel suborbicularibus saepe palmatis 5-fidis vel 5-partitis, stipulis anguste ovatis vel oblongis differt; habitu ea est similis *U. triangulari* Hand.-Mazz., quae foliis margine tantum dentatis haud lobatis, stipulis ad quemque nodum 4 liberis recedit.

Herb, possibly dioecious. Stem ca. 45 cm tall, at the middle 2 mm across, 4-angulate, longitudinally 4-sulcate, densely puberulous and with stinging hairs. Leaves opposite, those of the same pair slightly unequal in size; blades deep-green, papery, triangular or narrowly triangular, (1.2 -) 2.5 - 9 cm long, (0.5 -) 1.2 - 5 cm broad, apex acuminate or long acuminate, base truncate, with the base itself cordate, margins at each side 5-7-lobed, lobes triangular or narrowly triangular, at margin 1-3-dentate, often 1-lobulate; surfaces adaxially ap-

pressed-pubescent and puberulous, sometimes with a few stinging hairs as well, abaxially puberulous; venation palmately 5-nerved, with ca. 3 pairs of lateral nerves; cystoliths dense, punctulate; petioles 0.5 - 2.5 cm long, with stinging hairs; stipules interpetiolar 2 connate, green, broadly ovate, 3.5 - 12 mm long, 3.5 - 6.2 mm broad, glabrous, longitudinally 7-10-nerved, apex rounded-truncate. Staminate thyrses unknown. Pistillate thyrses singly or in pairs axillary, (2.5 -) 3.5 - 10 cm long, (1 -) 2 - 4 cm broad; peduncles 0.6 - 2.2 cm long, with rachises and branches densely puberulous. Achene sessile, yellowish-white, strongly bilaterally compressed, suborbicular, ca. 1 mm in diam., very minutely verruculose, smooth, glabrous; persistent tepals 4, greenish, adaxially glabrous, abaxially appressed-puberulous, 2 outer tepals long elliptic, 0.3 - 0.4 mm long, 0.2 - 0.3 mm broad, apex acutish, 2 inner tepals orbicular-ovate, ca. 1 mm long and broad, apex rounded.

草本,可能雌雄异株。茎高约45 cm,中部粗2 mm,四棱形,有4条纵沟,密被短柔毛和刺毛。叶

第一作者简介: 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。
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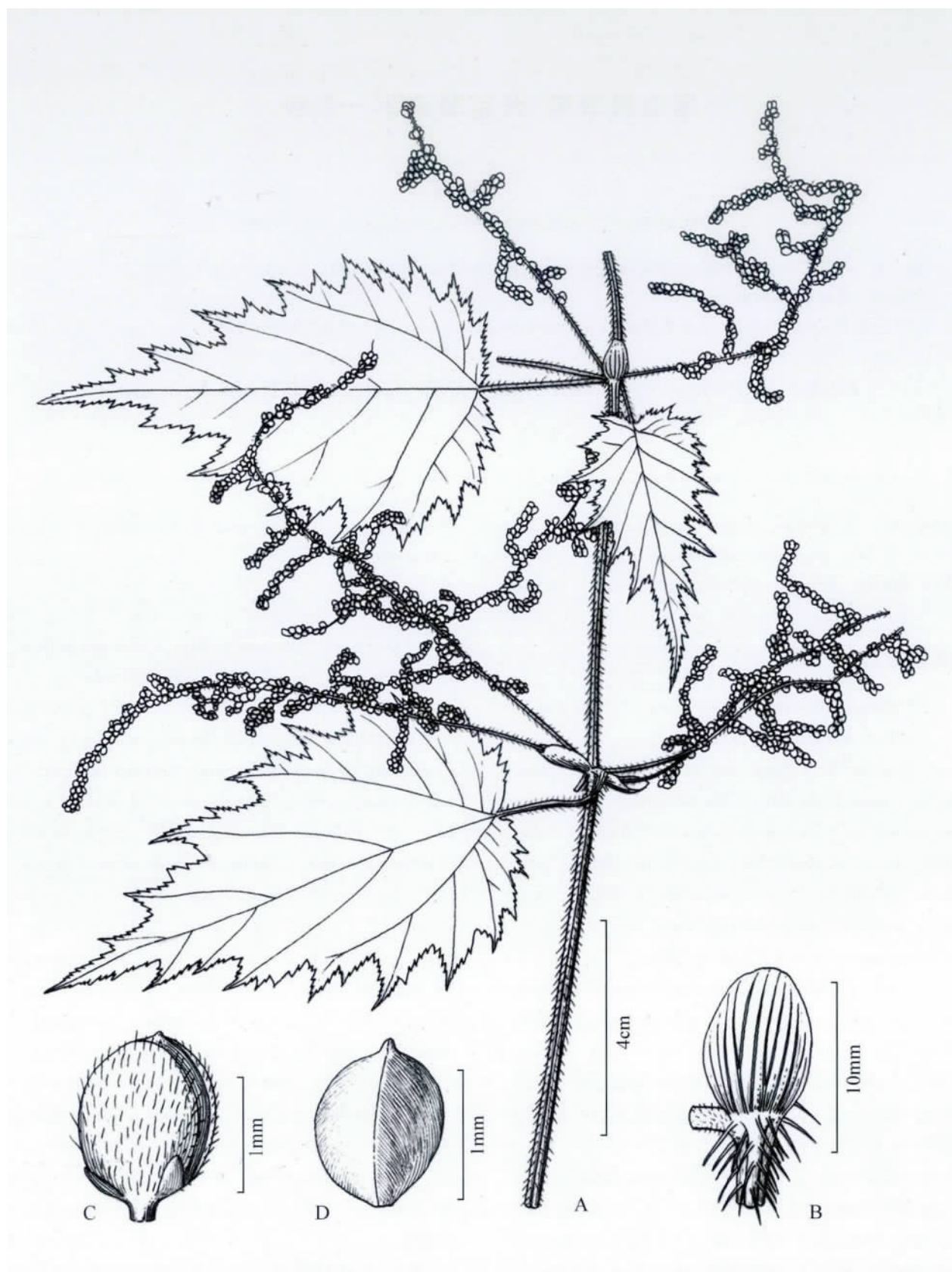


图1 麻栗坡荨麻 A. 结果雌茎上部; B. 托叶; C. 宿存花被和瘦果; D. 瘦果

Fig. 1 *U. malipoensis* A. Upper part of fruiting pistillate stem; B. Stipule; C. Persistent perianth and achene; D. Achene

对生, 同一对叶稍不等大; 叶片深绿色, 纸质, 三角形或狭三角形, 长(1.2~)2.5~9 cm, 宽(0.5~)1.2~5 cm, 顶端渐尖或长渐尖, 基部楔形, 基部深心形, 边缘每侧有5~7浅裂片, 裂片三角形或狭三角形, 边缘有1~3个小牙齿, 常有1小裂片, 上面被贴伏柔毛和短柔毛, 有时还有少数刺毛, 下面被短柔毛, 具掌状三出脉, 侧脉约3对; 钟乳体密, 小点状; 叶柄长0.5~2.5 cm, 具刺毛; 2叶柄间托叶合生, 绿色, 宽卵形, 长3.5~12 mm, 宽3.5~6.2 mm, 无毛, 有7~10条纵脉, 顶端圆截形。雄聚伞圆锥花序未见。雌聚伞圆锥花序1~2条腋生, 长(2.5~)3.5~10 cm, 宽(1~)2~4 cm; 花序梗长0.6~2.2 cm, 与轴均密被短柔毛和少数刺毛; 分枝密被短柔毛。瘦果无梗, 黄白色, 强烈两侧扁压, 近圆形, 直径约1 mm, 表面光滑, 有极小疣点, 无毛; 宿存花被片4, 淡绿色, 内面无毛, 外面被贴伏短柔毛, 2外方花被片长椭圆形, 长0.3~0.4 mm, 宽0.2~0.3 mm, 顶端微尖, 2内方花被片圆卵形, 长和宽均约1 mm, 顶端圆形。

云南(Yunnan): 麻栗坡(Malipo), 下金厂(Xiajinchang), 火烧梁子(Huoshaoiangzi), alt.

1700 m, 山谷(in valley), 1998-10-16, 王印政, 彭华, 邓德山, 邓云飞, 税玉民, 朱大海(Y. Z. Wang, H. Peng, D. S. Deng, Y. F. Deng, Y. M. Shui & D. H. Zhu) 4048(holotype, PE)。

本种在亲缘关系方面与荨麻(*Urtica fissa* Pritz.) 很为接近, 与后者的区别在于本种的叶呈三角形或狭三角形, 边缘每侧有5~7个浅裂片, 托叶长方状宽卵形。在荨麻, 叶呈宽卵形, 或轮廓为五角形或近圆形, 边缘常掌状五中裂或五深裂, 托叶狭卵形或长圆形。在体态方面, 本种与三角叶荨麻(*U. triangularis* Hand.-Mazz.) 相似, 但本种的叶浅裂, 2叶柄间托叶合生而与后者不同。在三角叶荨麻, 叶边缘只具牙齿, 不浅裂, 在每个节上的托叶4枚, 分生^[1]。

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