

裂冠藤属——萝藦科一新属^{*}

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摘要 报道萝藦科一新属和一个种的新组合。它们是裂冠藤属 *Sinomarsdenia* P. T. Li et J. J. Chen, gen. nov.; 裂冠藤 *S. incisa* (P. T. Li et Y. H. Li) P. T. Li et J. J. Chen, comb. nov.。

关键词 裂冠藤属; 新属; 新组合; 萝藦科; 中国
中图分类号 Q 949.215

裂冠藤属, 新属

Sinomarsdenia P. T. Li et J. J. Chen, gen. nov.
(Asclepiadaceae—Trib. Marsdenieae)

Genus nova *Marsdeniae* R. Brown similis, sed ab eo bracteis bracteolisque majoribus foliiformibus, calycis segmentis corollis duplo longioribus, corollis campanulatis, lobis apice incis, basi auriculatis; coronis succulentis, lobis compressis; stigmatibus capitato apice truncato includentibus differt.

Liana, most parts yellowish tomentose. Leaves opposite, penninerved, entire, with long petioles. Inflorescences very congested enclosed within bracts at least when young, 6 ~ 9 cm long; rachis forked; peducles as long as petiole; bracts and bracteoles leaflike, longer than flowers, pedicel 1 ~ 1.7 cm long; sepals 5, obovate-oblong, 1.5 ~ 1.7 cm long, 5 ~ 10 mm wide, striate, pubescent; basal glands absent. Corolla campanulate, hirsute outside, glabrous inside; tube as long as or nearly so the lobes, lobes 5, twisted to right, broadly ovate, apex incised, base auriculate, ciliate. Corona lobes 5, erect, complanate, ovate-oblong, obtuse, attached to gynostegium; stamens 5, filaments connate into a tube; anthers erect, appendages inflexed; pollinia 2 per pollinarium erect, oblong. Ovary 2, free, ovules numerous, styles connate; stigma head flat, truncate, included. Follicles cylindric-ellipsoid; seeds with long coma.

Distribution: Endemic to China, Yunnan Province.

Type of genus: *Sinomarsdenia incisa* (P. T. Li et Y. H. Li) P. T. Li et J. J. Chen.

在 1982 年发表裂冠牛奶菜新种时(李秉滔等, 1982), 主要是根据它的外部形态近似于牛奶菜属。后来经过材料的补充及植物化学的研究, 认为裂冠牛奶菜 *Marsdenia incisa* 在一系列特征上与牛奶菜属(*Marsdenia*)植物不同, 经查阅有关专著(Schumann, 1897), 不应隶属于该属而是代表了一个未被描述过的新属 *Sinomarsdenia*。新属虽然在习性和

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花粉块直立与牛奶菜属有些相似, 但它的苞片和小苞片呈花瓣状或叶状, 远大于花; 花序伞状; 花冠裂片基部两侧呈耳状, 顶端 2 裂或缺刻; 副花冠裂片扁平, 柱头顶端头状, 内藏等不同。另外, 根据中科院昆明植物研究所植化室陈纪军先生对裂冠藤植物化学成份的分析和提取, 发现该植物含有新的化合物 incisagenin A (陈纪军等, 1992)。此新颖的新化合物在牛奶菜属 *Marsdenia* 植物中, 乃至萝藦科 Asclepiadaceae 中也从未发现过的物质, 此物质的化学结构很特殊, 是比牛奶菜属更为进化的类群。故作者将它另立一新属。

裂冠藤, 新组合

Sinomarsdenia incisa (P. T. Li et Y. H. Li) P. T. Li et J. J. Chen, Comb. nov.
——*Marsdenia incisa* P. T. Li et Y. H. Li, Acta Bot. Yunnan. 4(2): 157, fig. 1.
1982. Type: China, Yunnan, Mengla Xian, Menglum, alt. 1 600 m in dense woods, March
1981, Y. H. Li 23096 (HITBC)

中国: 云南, 勐腊县, 勐仑, 海拔 1 600 m 山地密林中, 1981 年 3 月, 李延辉 23096 (模式, HITBC); 同地, 李延辉 6052; 同地, 陶国达 15885。

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Sinomarsdenia, A NEW GENUS OF ASCLEPIADACEAE FROM CHINA

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Abstract

In 1982, based on three specimens (Y. H. Li 23096, 6052, K. T. Tao 15885) collected from Yunnan (Mengla Xian, Menglum), P. T. Li and Y. H. Li described a new species of the genus *Marsdenia*. Recently, after dissecting a flower of the holotype and performing phytochemical analysis, we realized that this species was erroneously placed in *Marsdenia*, differing from the latter in a series of important morphological characters, and in fact represents a new genus (*Sinomarsdenia*) of the tribe *Marsdenieae*, which is described in the present paper.

Key words *Sinomarsdenia*; new genus; new combination; Asclepiadaceae; China