

## 非洲和亚洲萝藦科新植物

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**摘要** 本文记述了非洲和亚洲产的萝藦科1个新种加蓬鲫鱼藤(*Secamone gabonensis*), 2个新名称大花牛奶菜(*Marstenia mayriflora*)和小花娃儿藤(*Tytophora guillauminii*), 2个新组合心叶镰药藤(*Belostemma cordifolium*)和越南小花藤(*Microchides minutiflora*)。

**关键词** 萝藦科; 加蓬鲫鱼藤; 大花牛奶菜; 小花娃儿藤; 心叶镰药藤; 越南小花藤

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# Novelties in Asclepiadaceae from Africa and Asia

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**Abstract** *Secamone gabonensis*, endemic to Gabon, is described as new. The new names *Marsdenia magriflora*, and *Tylophora guillauminii* and the new combinations *Belostemma cordifolium* and *Micrechites minutiflora* are proposed.

**Key words** *Asclepiadaceae*; *Secamone gabonensis*; *Marsdenia magriflora*; *Tylophora guillauminii*; *Belostemma cordifolium*; *Micrechites minutiflora*

As a result of my recent visits to the Missouri Botanical Garden, Harvard University Herbaria, and the Smithsonian Institution to prepare the treatment of Asclepiadaceae for the Flora of China, it was found that the nomenclature of certain species needed adjustments. These and a new African species of *Secamone* are dealt with in this paper.

*Secamone gabonensis* P. T. Li, sp. nov. TYPE: Gabon, Peca, G. L. Testu 6483 (holotype, MO).

Frutices ferrugineo-hirsutis, folia coriacea, elliptica vel oblonga, 2~3.3 cm × 0.7~1 cm, basi obtusa, apice breviter acuminata, petiolo ca. 2 mm longo; cymae axillares, 1~2 cm longae; pedunculis 2~3 mm longis; calyce extus ferrugineo-pubescenti, intus eglanduloso glabroque, segmentis oblongis ca. 1 mm × 0.5 mm; corolla rotata, utrinque glabra, tubo brevi, lobis oblongis, ca. 3.5 mm × 1 mm; corona segmentis linearibus, erectis, antheras subaequantibus; polliniis retinaculo elliptico, caudiculis brevibus.

Shrubs rusty hirsute. Leaves opposite, elliptic to oblong, 2~3.3 cm × 0.7~1 cm, coriaceous, base obtuse, apex short acuminate; midvein concave adaxially, elevated abaxially; lateral veins 5~7; petiole ca. 2 mm long. Cymes axillary, 1~2 cm long; peduncles 2~3 mm long; pedicels 4~5 mm long. Calyx rusty pubescent outside, glabrous and eglandular inside; segments oblong, ca. 1 mm × 0.5 mm. Corolla rotate, glabrous; tube short; lobes oblong, ca. 3.5 mm × 1 mm; corona scales inserted at back of anthers, linear, erect, as

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high as anthers. Anthers oblong, apical membrane broadly ovate, incurved to base of stigma; pollinia 2 in each anther cell; retinaculum elliptic; caudicles short. Ovaries glabrous; style thickened; stigma dilated, ovoid. Follicles not seen.

*Secamone gabonensis* is most closely related to *S. afzelii* (Roemer & Schultes) S. Schumann, a species distributed in Guinea eastward into Cameroon and Gabon. It is readily distinguished from the latter by its ferruginous pubescences, smaller leaves 2—3.3 cm × 0.7—1 cm, and dichasial cymes shorter than leaves. In contrast, *S. afzelii* is glabrous throughout and has larger leaves 6.5 cm × 2.5 cm and conical cymes longer than leaves.

**Marsdenia magriflora** P. T. Li, nom. nov. Replaced name: *Marsdenia grandiflora* C. Norman, J. Bot. 67; supp. 2, 97. 1929, not (Decaisne) Choux (1923). TYPE: M boka, Belize, Mayumbe, J. Gossweiler 7024 (not seen).

**Tylophora guillauminiana** P. T. Li, nom. nov. Replaced name: *Tylophora micrantha* Guillaumin, Bull. Mus. Hist. Nat. Paris Ser. 2, 16; 82. 1944, not (Thunberg) Thwaites (1860). TYPE: New Caledonia, Balade, Vieillard 987 (P, not seen).

**Belostemma cordifolium** (Link., Klotzsch. & Otto) P. T. Li, comb. nov. Basionym: *Hybanthera cordifolia* Link., Klotzsch. & Otto. Ic. Pl. Rar. 109. Pl. 44. 1844. TYPE: China (not designated).

*Belostemma cordifolium* is characterized by having horned-falcate, horizontally stellate-patent corona scales inserted at back of gynostegium. This combination of characters clearly supports the placement of this species in *Belostemma* and not in *Hybanthera* or *Tylophora*.

**Microchites minutiflora** (Pierre) P. T. Li, comb. nov. (Apocynaceae) Basionym: *Xylinbaria minutiflora* Pierre, Bull. Soc. Linn. Paris, n. s. 1; 28. 1898. TYPE: Vietnam. Pierre 4051 (holotype, P; isotypes A, MO, US).

*Microchites minutiflora* is characterized by having very small flowers, rounded flower buds, small petals that are neither twisted nor forming a head in bud, annular disc, and stamens inserted at the base of corolla tube. This combination of characters clearly supports the placement of this species in *Microchites* and not in *Xylinbaria*.

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