

Paphiopedilum × *sinovillosum*, a natural hybrid of *Paphiopedilum villosum* and *P. henryanum*

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Abstract: *Paphiopedilum* × *sinovillosum* Z. J. Liu et S. C. Chen, a natural hybrid of *P. villosum* (Lindl.) Stein and *P. henryanum* Braem, is described and illustrated. It was collected from Malipo County of southeast Yunnan, where *P. villosum* and *P. henryanum* are found growing together. The hybrid is similar to *P. henryanum* in bract, petals and lip, to *P. villosum* in peduncle, dorsal sepal and leaves.

Key words: *Paphiopedilum* × *sinovillosum*; new hybrid; Yunnan; China

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Paphiopedilum × *sinovillosum* Z. J. Liu et S. C. Chen, hybr. nov. Fig. 1: A-F

Type: China, SE Yunnan, Malipo County (麻栗坡县), Mengtong (猛洞), alt. 1 500 m, crevices in limestone area, 2003-09-25. Z. J. Liu 2785 (Holotype SZWN) (SZWN= Herbarium, Shenzhen City Wutongshan Nursery, China).

Hybrida nova inter *Paphiopedilum villosum* (Lindl.) Stein et *Paphiopedilum henryanum* Braem, bractes, petalis et labello *Paphiopedilo villosi* similis, et pedunculo, sepalo dorsali et foliis *Paphiopedilo henryano* similis.

Leaves 4-5, 8-19 cm long, 1.5-2.0 cm wide, tinged with dark purple at dorsal base. Scape suberect, 18-22 cm long; peduncle green, purple-pubescent; floral bract 3.8-4.0 cm long, nearly glabrous; flower ca. 7.5 cm diameter, dorsal sepal greenish-yellowish, with deep purple maroon spots; synsepal similar in color to dorsal sepal with fewer and smaller spots; petals purplish-brownish, with a weak central purplish stripe; lip purplish-brownish; staminode yellowish mixed with purplish; dorsal sepal suborbicular, 4.6-4.8 cm long, 4.2-4.3 cm wide, undulate-margined, lower margin often slightly recurved, sparsely purple-pubescent dorsally; synsepal elliptic-ovate, slightly concave, 4.4-4.6 cm long, 2.0-2.2 cm wide; petals spatulate, 5.2-5.4 cm long, 1.8-2.1 cm wide, apex rounded, minutely ciliate, glabrous on both sides; lip cucullate, obovoid-ellipsoid, 3.4-3.6 cm long, 2.2-2.4 cm wide, base with a claw ca. 2 cm long; staminode broadly oblong-obovate, ca. 1.2 cm long, 1.1 cm wide, apex subtruncate, with a central umbo. Fl. Sep.-Oct. .

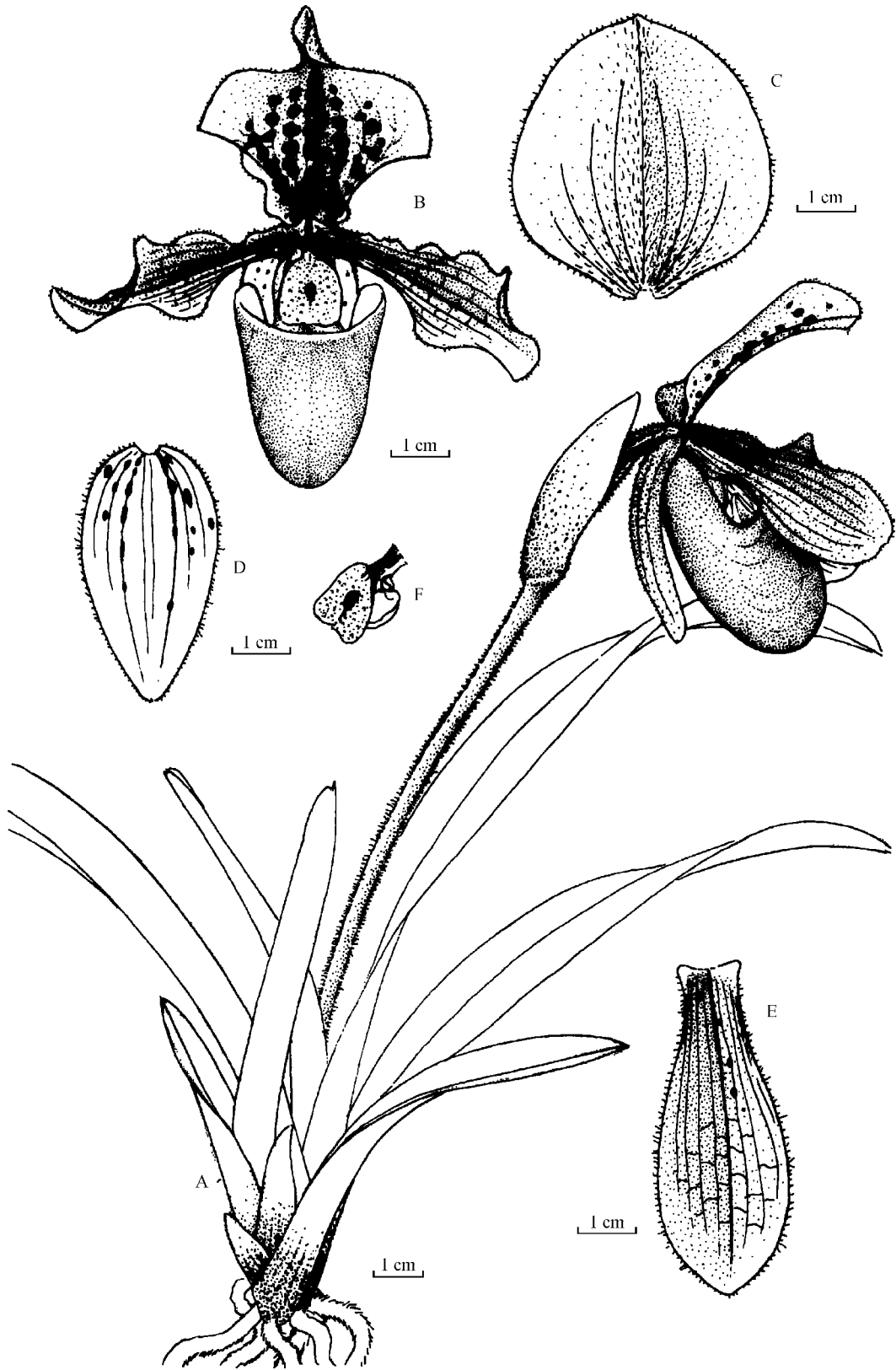
中华紫毛兜兰——紫毛兜兰与亨利兜兰之间的天然杂种

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摘要: 对中华紫毛兜兰 *Paphiopedilum* × *sinovillosum*——紫毛兜兰 *P. villosum* 与亨利兜兰 *P. henryanum* 之间的天然新杂种, 作了描述与绘图。该杂种采自云南省东南部的麻栗坡县, 该地区发现有紫毛兜兰与亨利兜兰生长在一起。此新杂种的花苞片、花瓣和唇瓣近似紫毛兜兰, 而花序柄、中萼片和叶片则与亨利兜兰相似。

关键词: 中华紫毛兜兰; 新杂种; 云南; 中国



A. a flowering plant; B. flower; C. dorsal sepal, back view; D. synsepal, front view; E. petal, front view; F. column.

Fig. 1 *Paphiopedilum* × *sinovillosum*

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