



芳香匙唇兰，中国兰科一新记录种

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摘要: 本文报道了中国兰科植物新记录种芳香匙唇兰 (*Schoenorchis fragrans* (Par. et Rchb. f.) Seidenf. et Smitinand), 该新记录种分布于云南省腾冲县。本文对芳香匙唇兰进行了描述和绘图。
关键词: 芳香匙唇兰; 新记录种; 兰科; 中国

Schoenorchis fragrans (Par. et Rchb. f.) Seidenf. et Smitinand, a new record species of Orchidaceae from China

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Abstract: *Schoenorchis fragrans* (Par. et Rchb. f.) Seidenf. et Smitinand, a new record species of Orchidaceae from China was reported. This species was found in Tengchong of Yunnan, China. Based on the living collection, the species was described and illustrated.

Key words: *Schoenorchis fragrans*; New record species; Orchidaceae; China

2008年6月对云南省西部地区的兰科植物进行资源调查时,在腾冲的高黎贡山发现了一种匙唇兰的多个野生居群。这些居群通常有许多个体,生长于阔叶林的树干上,当时将多个活体植株迁地栽植于深圳的全国兰科植物种质资源保护中心。这些植株开出紫红色的花,花有点类似圆叶匙唇兰 *Schoenorchis tixieri* (Guillaum) Seidenf., 不同的是它的花的距较短,长不及2mm,基部肿大;药帽先端近截形,不具尖齿(图1)。经鉴定该物种为芳香匙唇兰 *Schoenorchis fragrans* (Par. et Rchb. f.) Seidenf. et Smitinand^[1]。芳香匙唇兰原记载仅产于泰国和印度^[2],这是在中国首次发现它的分布。现根据云南的活植株对芳香匙唇兰进行形态描述和绘图。

芳香匙唇兰(新拟)图2

Schoenorchis fragrans (Par. et Rchb. f.) Seidenf. et Smitinand G. Seidenfaden, 1988. Orchid Genera in Thailand XIV. Fifty-nine vandoid Genera. Opera Botanica. 95:68-69.

Orch. Thail. 4, 1:611, 1963 p. p. (not Fig. 459). Christenson 1985b: 851 p. p., Fig. p. 850, colourphot. P. 853.

Saccolabium fragrans Par. & Rchb. f., J. Bot. 12: 197, 1874-Reichenbach f. 1878b: 41; Parish 1883: 199; Hooker f. 1890. 58; Grant 1895: 278. *Gastrochilus fragrans* (Par. & Rchb. f.) Kze., Rev. Gen. 2. 661, 1891. *Schoenorchis manipurensis* U. C. Pradhan. Am. Orch. Soc. Bull. 47: 912, Fig. 1, 1978.-Pradhan 1979: 529, 719. ?*Smitinandia ambikianum* Hort., nom. nud. cf. Norther 1980: 159.

附生矮小植物。茎很短,不明显,密被覆瓦状叶鞘所包。叶厚革质,表面深绿色,长圆形或椭圆形,长1.3–1.9 cm,宽5–6.5 mm,先端钝且不等侧2裂,基部具彼此套迭的鞘。总状花序从叶腋发出,1–2个,密

生10–20余朵小花;花苞片披针形,长1–3 mm,先端长渐尖;花梗和子房绿色,长4–5.5 mm;花不甚开放,萼片和花瓣中部以下浅绿色,上部紫红色;中萼片倒卵状长圆形,长2–2.5 mm,宽1–1.2 mm,先端钝;侧萼片斜倒卵状长圆形,长2–2.5 mm,宽1.3–1.5 mm,先端钝;花瓣倒卵形,长1.5–2 mm,宽0.8–1 mm,先端钝;唇瓣3裂,分前后两部分;后部为侧裂片,直立,半椭圆形,长1.3–1.5 mm,宽0.7–0.9 mm,前部为中裂片,厚肉质,长1.3–1.5 mm,上面中央隆起呈半球形,基部具可动的关节;距囊状,长1.8–2 mm,基部肿大;蕊柱粗短,长0.8–1 mm;药帽黄色,先端近截形。花期6月。

凭证标本:刘仲健 (Z. J. Liu) 3881 (NOCC), 云南腾冲,海拔1635m,生于阔叶林树干上。

分布地:云南腾冲;泰国,缅甸(模式标本产地)和印度。中国新记录^[1]。

An epiphytic and short plant. Stem very short, inconspicuous, densely embraced by imbricate leaf sheaths. Leaves thick and leathery, dark green, oblong or elliptic, 1.3-1.9 cm long, 5-6.5 mm wide, apex obtuse and unequally 2-lobed, with telescopic sheaths at base. Racemes 1-2, arising from leaf axil, densely 10-21-flowered. Floral bracts lanceolate, 1-3 mm long, acute toward apex. Pedicel and ovary green, 4-5.5 mm long. Flowers not very spreading, sepals and petals grey green below middle, apical purplish-red. Dorsal sepal obovate-oblong, 2-2.5 × 1-1.2 mm, apex obtuse. Lateral sepals obliquely obovate-oblong, 2-2.5 × 1.3-1.5 mm, apex obtuse. Petals obovate, 1.5-2 × 0.8-1 mm, apex obtuse. Labellum 3-lobed, divided into front and rear parts; rear part as lateral lobe, erect, semirounded, 1.3-1.5 × 0.7-0.9 mm; front part as mid-lobe, thickly fleshy, 1.3-1.5 mm long, adaxially center raised conical, base with movable article; spur saccate, 1.8-2 mm long,

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base raised; column thick-short, 0.8-1 mm long; operculum yellow, apex subtruncate. Fl. June.

Specimen collected: Z. J. Liu 3881, Tengchong, Yunnan, China. Alt. 1635m, grow on the tree trunks. The specimens are preserved in Herbarium of the National Orchid Conservation Center (NOCC).

Distribution: Yunnan (Tengchong). Thailand, Burma and India. The type collected from Burma. New record to China^[1].

【参考文献】

- [1] 吉占和, 陈心启, 罗毅波, 朱光华. 1999. 中国植物志[M]. 北京: 科学出版社, 19: 294-297.
[2] Seidenfaden, G. 1988. Orchid Genera in Thailand XIV. Fifty-nine vandoid Genera. Opera Botanica. 95:68-69.



图1芳香匙唇兰: A. 带花植株; B. 花葶; C. & D. 花。
Fig. 1 *Schoenorchis fragrans* (Par. et Rchb. f.) Seidenf. et Smitinand: A. Flowering plants; B. Scape; C. & D. Flower.

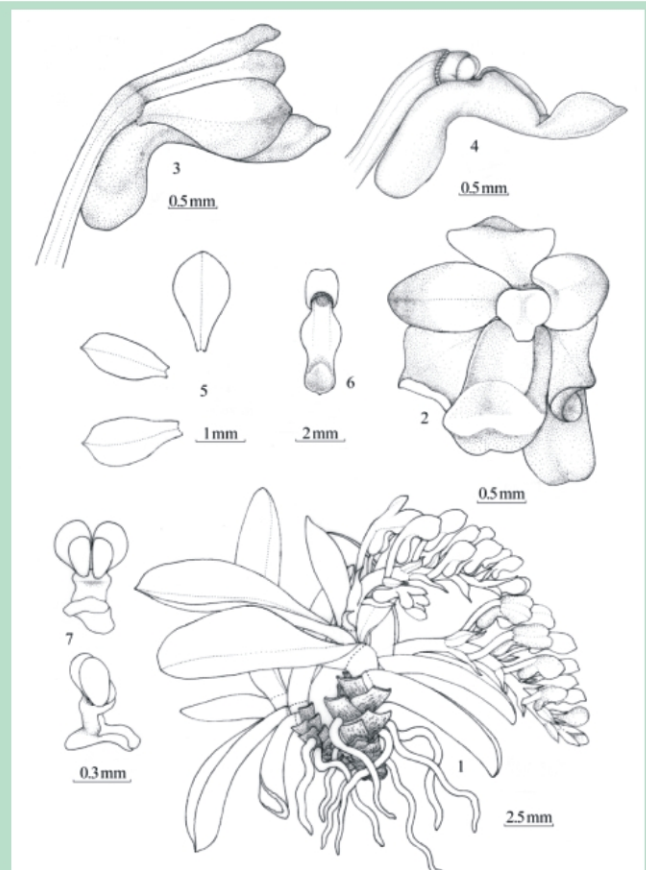


图2芳香匙唇兰的形态: 1. 带花植株; 2. 花, 正面观; 3. 花, 侧面观; 4. 蕊柱和唇瓣, 侧面观; 5. 中萼片、花瓣与侧萼片; 6. 唇瓣; 7. 花粉块, 正面观和侧面观。(孔雪花根据Z. J. Liu 3881号标本绘)

Fig. 2 The morphology of *Schoenorchis fragrans* (Par. et Rchb. f.) Seidenf. et Smitinand: 1. Flowering plant; 2. Flower, front view; 3. Flower, side view; 4. Column and lip, side view; 5. Dorsal sepal, petal and Lateral sepal; 6. Lip; 7. Pollinarium, front view and side view. (Drawn by Miss X. H. Kong from Z. J. Liu 3881)

封面图片说明:

西藏含笑 *Michelia kisopa* Buch. -Ham. ex DC. 为常绿乔木, 高达40m, 枝条疏生皮孔, 芽密被褐色短柔毛, 叶革质, 长椭圆形、长圆形或长圆状披针形, 托叶痕达叶柄2/3; 花芳香, 花梗被短柔毛, 花被片9, 黄色, 雌蕊群柄及心皮密被短柔毛。国内仅在西藏墨脱和聂拉木樟木海拔1700-2400阔叶林中有零星分布, 花期10月-11月, 果期12月到翌年1月份。为国家重点保护野生植物。尼泊尔将本种列为非特有的濒危植物。



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