

Habenaria myriotricha, a new record of Orchidaceae from Yunnan, China

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Abstract: *Habenaria myriotricha* Gagnep(Orchidaceae) is reported from China for the first time. The species is characterized by its side-lobes divided into many linear lobules. It differs from the *Habenaria medioflexa* Turrill, by its reflexed lateral sepals and lip often with some red rusty spots at the base.

Key words: *Habenaria myriotricha*; Orchidaceae; new record; China

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中国兰科玉凤花属一新记录种——勐远玉凤花

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摘 要: 报道了中国云南兰科植物一新记录种, 勐远玉凤花(*Habenaria myriotricha* Gagnep)。该种主要特点是唇瓣侧裂片的外侧几乎至基部具多数深的线状裂条。其侧萼片反折, 唇瓣上具有红色锈斑可与版纳玉凤花(*H. medioflexa* Turrill.)明显区别开。

关键词: 勐远玉凤花; 兰科; 新记录; 中国

Habenaria myriotricha Gagnep., Bull. Soc. Bot. France 78: 72. 1931; Seidenf., Bot. Tidsskr. 68: 43. 1973; Opera Bot. 114: 60. 1992. — *Fimbrorchis myriotricha* (Gagnep.) Szlach., Orchidee (Hamburg) 55: 491. 2004. Type: Laos, Cam-keut, Spire 260 (lectotype **P**, designated here, barcode P00430640 D). — *Habenaria medioflexa* auct. non Turrill; Kerr, Nat. Hist. Bull. Siam Soc. 23: 188. 1969. — *H. medusa* Kraenzl., Bot. Jahrb. Syst. 16: 203. 1893. …… ***Habenaria myriotricha***

Terrestrial or rarely epilithic, deciduous, glabrous. Stem 19-40 cm tall. Leaves 4-5, cauline, spreading, lanceolate, acute or acuminate, mucro-

nate, 8-15 cm long, 2-2.5 cm wide. Inflorescences lax, few flowered; rachis 3-4 cm long; infertile bracts foliaceous, 1-3, erect, lanceolate-ovate, acuminate, 3-4.4 cm long; fertile bracts narrowly lanceolate, acuminate, 1.5-2.5 cm long, 3mm wide. Flowers white with green sepals and petals, lip often with some red patches at the base. Ovary (including pedicel) 2-4 cm long. Sepals acute, 3-veined; dorsal sepal erect, ovate, 8-8.5 mm long, and 4-4.2 mm wide; lateral sepals spreading to somewhat reflexed, obliquely ovate, 7.5-11.5 mm long, 4.75-4.9 mm wide, basally united with the lip. Petals erect, forming a hood with the dor-

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sal sepal, linear, acute or obtuse, 1-veined, 7–8 mm long, 0.5–1 mm wide. Lip 18–25 mm long, deeply 3-lobed above basal united part of 4.5–7 mm; 1 middle lobe linear-oblong, very convex, 4–8 mm long, 0.7–1 mm wide; side-lobes 13–23 mm long,

divided into 15–17 filiform laciniae; lacinia 11.5–20 mm long, 0.25–0.3 mm wide; spur cylindric, 31–40 mm long, often thickened in the apical half, curved. Column 3.5–4.5 mm long, with a short basal stalk; pollinia 2, anther erect, anther canals

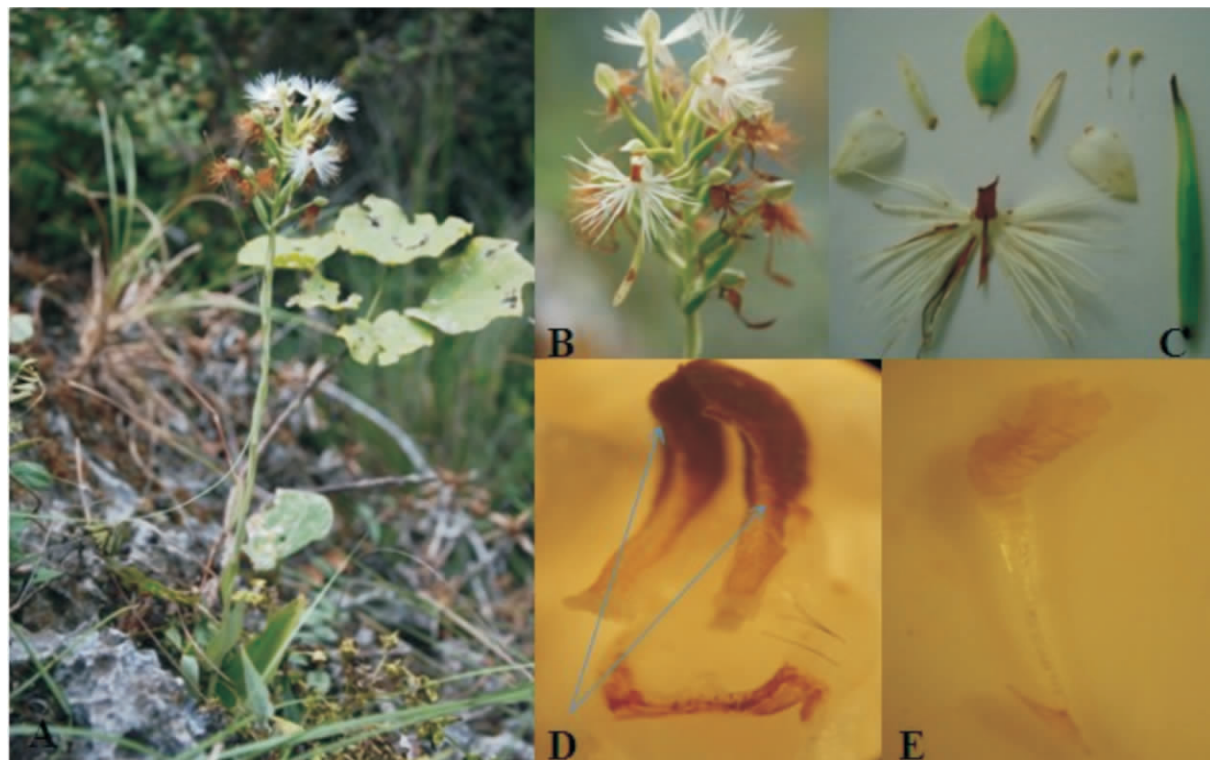


Fig. 1 *Habenaria myriotricha* Gagnep

A. Plant; B. Inflorescences and flower; C. Parts of flower; D. Anther canals; E. Pollinia.

1. 7–3 mm long, straight projecting forwards.

Distribution: Thailand, Laos, Vietnam and China.

China. Yunnan: Mengla, Mengyuan, epiphytic on the limestone, 1 000 m, October 3, 2010, Li-Jianwu 424 (holotype, HITBC139354).

Habenaria myriotricha was first named by Kraenzl in 1893, called *Habenaria medusa*. However, the taxonomy of *Habenaria myriotricha* alliance was confused (Kurzweil, 2009). Here we follow current opinion about this species. Kew's World Checklist of Monocotyledons (<http://www.kew.org/wesp/monocots/>), Schuiteman *et al.* (2008) and Cavestro (2007) consider the two taxa as conspecific. The specimens from Yunnan represented the first record of this species in China. *Habenaria myriotricha* is related to *Habenaria*

medioflexa Turrill (Lang, 1999), but differs from the latter by its reflexed lateral sepals and lip often with some red rusty spots at the base.

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