

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

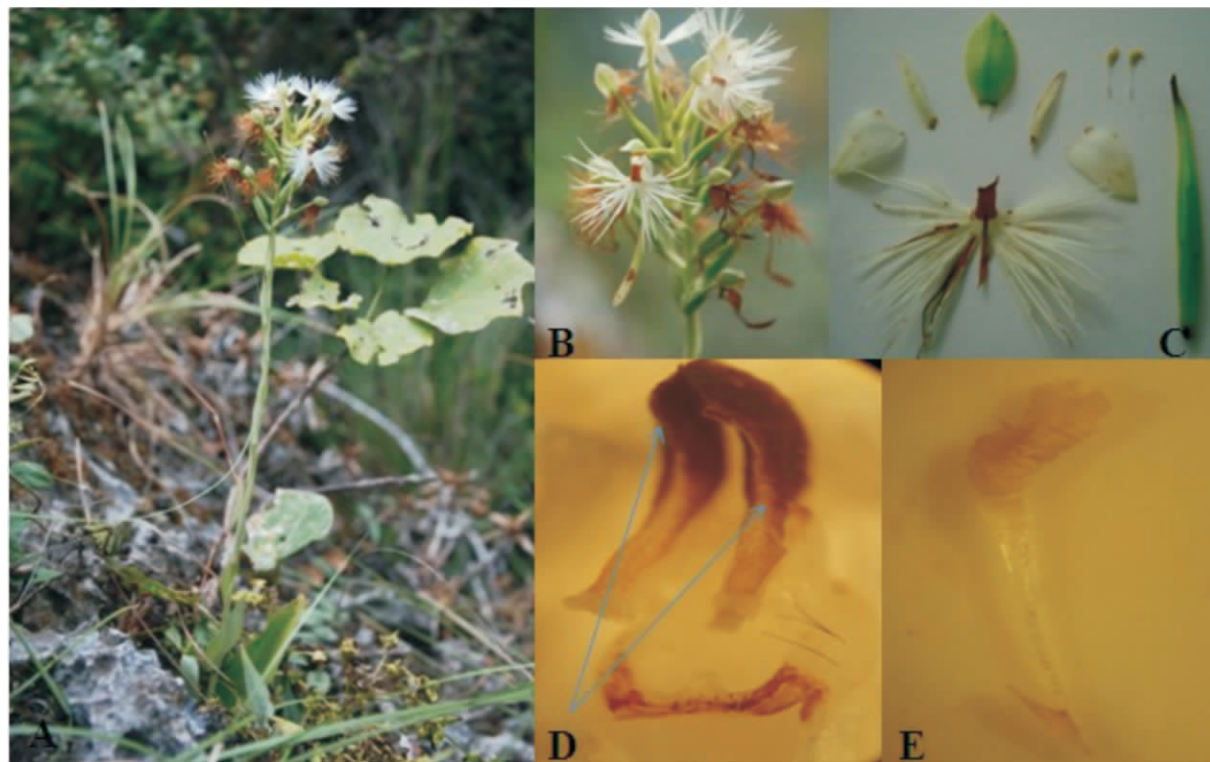


Fig. 1 *Habenaria myriotricha* Gagnep

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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