

Zeuxine flava, a newly recorded species of Orchidaceae from China

JIN Xiao-Hua QIN Hai-Ning^{*}

¹(Kunming Institute of Botany, the Chinese Academy of Sciences, Kunming 650204, China)

²(Institute of Botany, the Chinese Academy of Sciences, Beijing 100093, China)

Abstract *Zeuxine flava* (Wall. ex Lindl.) Benth. ex Hook. f., a newly recorded species of Orchidaceae from China, is reported. This species is characterized by having flowers saffron, lip "T"-shaped, lobules of epichile squarish and not much longer than wide, and each side of sac with only one callus inside.

Key words *Zeuxine*, *Zeuxine flava*, Orchidaceae, new record, China.

During conducting the program on "Biodiversity, Status, Trade and Conservation of Native Orchid Species in Limestone Region of Yunnan, Guizhou and Guangxi", which is financially supported by Kadoorie Farm and Botanic Garden, a species of the genus *Zeuxine* Lindl. is found as new record to the Chinese orchid flora and here reported.

Zeuxine flava (Wall. ex Lindl.) Benth. ex Hook. f. in Fl. Brit. Ind. 6: 108. 1890; Seidenfaden in Dansk Bot. Ark. 32 (2): 78, fig. 52. 1978. —*Monochilus flavum* Wall. ex Lindl., Gen. Sp. Orch. 487. 1840.

黄花线柱兰 新拟

Terrestrial. Plants about 20–30 cm tall. Leaves 3–4, broadly lanceolate, 5–6 cm long, 1.5–2 cm wide. Inflorescence 13 cm long, 8–15-flowered, hairy. Bracts 5–6, lanceolate, caudate, hairy, 5 mm long. Ovary with pedicel 12 mm long, not hairy. Flowers small, saffron, not fully open; sepals not hairy, middle sepals concave into boat-shaped, 3.5 mm long, 2 mm wide; lateral sepals oblique, falcate, 3-veined, 3 mm long, 1.2 mm wide; petals oblong, truncate, 2.5 mm long, 1 mm wide. Lip "T"-shaped, 3 mm long, 4.5 mm wide, saccate at base, with 2 hooked calli inside. Column 2 mm long.

China. Yunnan (云南): Wenshan (文山), terrestrial in the sparse forest in limestone areas, alt. 1400 m, 2002-05-02, HK Kadoorie PT (香港嘉道理项目队) 3402 (PE).

Zeuxine flava is distributed in Sri Lanka, Nepal, India and Thailand. The specimen from Yunnan represents the first record of this species in China.

中国兰科线柱兰属一新记录种——黄花线柱兰

¹金效华 ²覃海宁^{*}

¹(中国科学院昆明植物研究所 昆明 650204) ²(中国科学院植物研究所 北京 100093)

摘要 报道了中国兰科植物一新记录种,黄花线柱兰 *Zeuxine flava* (Wall. ex Lindl.) Benth. ex Hook. f.。本种的唇瓣橘黄色并呈 "T" 形,前唇裂片成方形,长宽近相等,唇瓣基部囊内各具一枚钩状胼胝体。

关键词 线柱兰属; 黄花线柱兰; 兰科; 新记录; 中国

Received: 24 February 2004 Accepted: 6 July 2004

Supported by the Knowledge Innovation Program of the Chinese Academy of Sciences (No. KSCXZ-SW-108) and Kadoorie Farm and Botanic Garden.

^{*}Author for correspondence.