

Cymbidium lowianum var. *changningense*, a new orchid variety from Yunnan, China

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Abstract: A new orchid variety, *Cymbidium lowianum* (Rchb. f.) Rchb. f. var. *changningense* X. M. Xu, is described and illustrated based on the plants collected from Changning county of Yunnan, China. The new variety differs from var. *lowianum* by having a shorter scape with 3–7 scented flowers 10–11 cm diam, and two rather short lamellae 1.3–1.4 cm long on the lip.

Key words: *Cymbidium lowianum* var. *changningense*; new variety; Yunnan; China

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白玉蝉兰——碧玉兰的一个云南新变种

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摘要: 基于采自中国云南昌宁的植物, 对兰科新变种白玉蝉兰 *Cymbidium lowianum* var. *changningense* 作了描述与绘图。此新变种区别于原变种在于花葶较短, 具 3–7 朵花; 花较大, 直径 10–11 cm, 有香味; 唇瓣上的褶片较短, 长 1.3–1.4 cm。

关键词: 白玉蝉兰; 新变种; 云南; 中国

Cymbidium lowianum (Rchb. f.) Rchb. f. var. *changningense* X. M. Xu, var. nov. (fig. 1)

TYPE: China, Yunnan, Changning county (昌宁县), Mangshui (潞水), alt. 1 700 m, 7 Feb. 2003, Z. J. Liu (刘仲健) 2 708 (Holotype, SZWN) (SZWN = Herbarium, Shenzhen City Wutongshan Nurseries, China).

Diagnosis: Varietas nova a typo differt scapo 35–41 cm longo 3–7-floro, floribus majoribus 10–11 cm in diametro fragrantibus, lamellis labelli brevioribus 1.3–1.4 cm longis.

Description: Epiphytic herb. Pseudobulb narrow-ovoid, bilaterally flattened, 6–8 cm long, 3–4 cm in

diam., 8–11-leaved. Leaves lorate, 52–75 cm long, 1.2–1.7 cm broad, apex acute, green; petiole yellowish-green, 5–8 cm long, articulated towards the base. Scape suberect, 35–41 cm long; raceme 16–21 cm long with 3–7 flowers; bracts triangular, 4–6 mm long; flowers 10–11 cm across, scented; sepals and petals cream white, with purplish-red veins and near base with purplish-red speckles; lip yellowish-white, with purplish-red speckles towards its base and both the base and apex of the lateral lobes, and with a large, purplish-red, V-shaped patch and a central line on the mid-lobe; sepals narrowly elliptic, 6.5–7.1 cm long, 1.8–2.0 cm broad, acute, margin recurved; petals narrowly oblong, 6.3–6.5 cm long, 0.9–1.0 cm broad, acute, oblique;

lip 3-lobed, fused to the column base for 6 mm; side-lobes densely short-hairy; mid-lobe cordate, 1.9—2.0 cm long 1.7—1.9 cm broad, apice slightly recurved, undulate-margined, densely short-hairy above; lamellae 2, 1.3—1.4 cm long, densely short-hairy. Column 4 cm long,

winged; pollinia 2, triangular.

Flowering period: February and March both in the field and nursery.

Distribution: Known only from type locality.



1: flowering plant; 2: flower; 3: lip, front view; 4: dorsal sepal; 5: petal; 6: lateral sepal

图1 白玉蝉兰

Fig. 1 *Cymbidium lowianum* var. *channingense*

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