

Paphiopedilum tranlienianum var. *saxosum*, a new orchid variety from Yunnan

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Abstract *Paphiopedilum tranlienianum* Gruss et Perner var. *saxosum* X. M. Xu et X. Ouyang, a new orchid variety from Yunnan, is described and illustrated. It differs from typical *P. tranlienianum* var. *tranlienianum* in having broader leaves 2.5–3.2 cm wide, much longer petals 4.5–4.8 cm long and a broader staminode lacking auricles at base.

Key words: *Paphiopedilum tranlienianum* var. *saxosum*; new variety; Yunnan; China

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岩地兜兰, 云南兰科植物一新变种

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摘要: 基于采自云南麻栗坡的植物, 对兰科新变种岩地兜兰 *Paphiopedilum tranlienianum* var. *saxosum* 作了描述与绘图。此新变种与原变种 *P. tranlienianum* var. *tranlienianum* 的区别在于具较宽的叶(宽 2.5~3.2 cm), 长得多的花瓣(长 4.5~4.8 cm)以及较宽且基部无耳的退化雄蕊。

关键词: 岩地兜兰(变种); 新变种; 云南; 中国

Paphiopedilum tranlienianum var. *saxosum* X. M. Xu et X. Ouyang, var. nov. (fig 1)

TYPE: China, Yunnan, Malipo County (麻栗坡县), in rocky soil on shady slope, alt. 1 000 m. 2002–09–08, Z. J. Liu (刘仲健) 2536 (Holotype, SZWN) (SZWN = Herbarium, Shenzhen City Wutongshan Nurseries, China).

Diagnosis: Varietas nova a typo, *Paphiopedilum tranlienianum*, differt foliis 2–3 latioribus 2.5–3.2 cm latis, petalis 4.5–4.8 cm longis, staminodio 1.3 cm lato basi non auriculato.

Description: Herba terrestris. Folia 2–3, anguste suboblunga, 20–26 cm longa, 2.5–3.2 cm la-

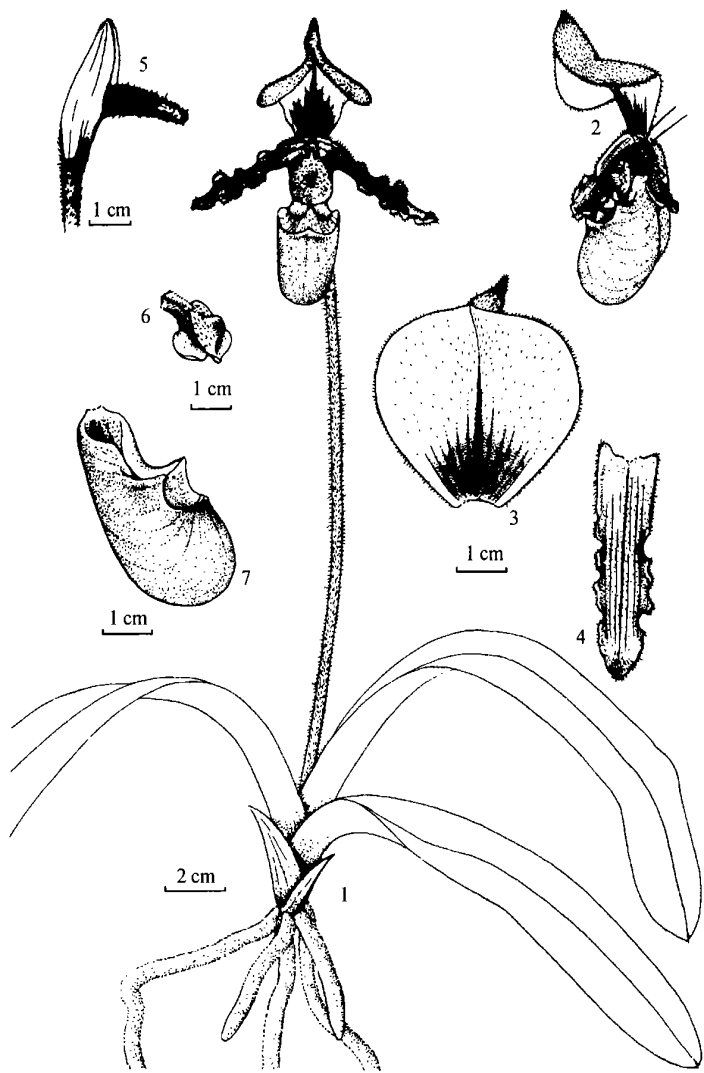
ta, molliuscula, supra viridia, infra pallidiora, basi in petiolum conduplicatum purpureo-rubro-maculatum albo-ciliatum contracta. Scapus suberectus, 15–22 cm longus, apex uniflorus, pedunculo viridi dense purpureo-rubro-piloso; bractea elliptica, 2.1–3.5 longa, 1.7–2.2 cm lata, conduplicata, basi dorsali purpureo-pilosa, albo-ciliata; pedicellus cum ovario 3–4 cm longus, dense purpureo-pubescent; flos 6–7 cm in diam., sepalum dorsali albido purpureo-brunneo-nervoso basi et apice viridi, synsepalum viridulo purpureo-brunneo-nervoso, petalis et labello purpureo-brunneis, atrobrunneo-nerviis; sepalum dorsale suborbiculare, 3.5–4.0 cm longum, 3.5–4.2 cm latum, dorso albo-puberulum, albo-ciliatum; synsepalum ellipticum, 3.5–4.0 cm longum, 2.0–2.2 cm latum, dorso albo-puberulum; petala late linearia, 4.5–4.8 cm lon-

ga, 1.0—1.2 cm lata, secus marginem basalem purpureo-ciliata et supra medium valde undulata et albo-ciliata; labellum galeiformi-cucullatum, cum ungue 4.0—4.5 cm longum, 1.8—2.0 cm latum, extus glabrum, ad infimum interiorem purpureo-pilosum; staminodium oblongum, glabrum, ad basin leviter an-

gustatum, 1.3 cm longum, 1.3 cm latum, apice subrotundatum, basi subsessile et non ariculatum, ad centrum callo umbilicato viridulo-flavido 4 mm alto praeditum.

Flowering period: September and October.

Distribution: Known only from type locality.



1 flowering plant; 2 flower, side view; 3 dorsal sepal, front view; 4 petal, back view;
5 bract and ovary; 6 column, side view; 7 lip, side view

Fig. 1 *Paphiopedilum tranlienianum* var. *saxosum* X. M. Xu et X. Ouyang

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