

细花兰, 中国云南兰科一新种

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摘要: 对兰科新种细花兰(*Cymbidium micranthum*)作了描述与绘图。新种产云南马关, 与珍珠矮略相近, 但不具延长的根状茎, 有长1~1.5 cm的假鳞茎, 叶在中部以下多少对摺, 有关节, 唇瓣顶端内弯, 蕊柱长1~1.2 cm, 甚易区别。

关键词: 细花兰; 新种; 云南

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Cymbidium micranthum, A New Orchid from Yunnan, China

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Abstract: A new orchid, *Cymbidium micranthum* Z. J. Liu et S. C. Chen, is described and illustrated. The type specimen was collected from Maguan of Yunnan. It is similar to some extent to *Cymbidium nanulum* Y. S. Wu et S. C. Chen, from which it can be easily distinguished by having a pseudobulb 1—1.5 cm long, articulated leaves, incurved-tipped lip and much longer column, and lacking an elongated rhizome underground.

Key words: *Cymbidium micranthum*; New species; Yunnan

细花兰 新种 图 1:1~6

Cymbidium micranthum Z. J. Liu et S. C. Chen, sp. nov. fig. 1:1—6

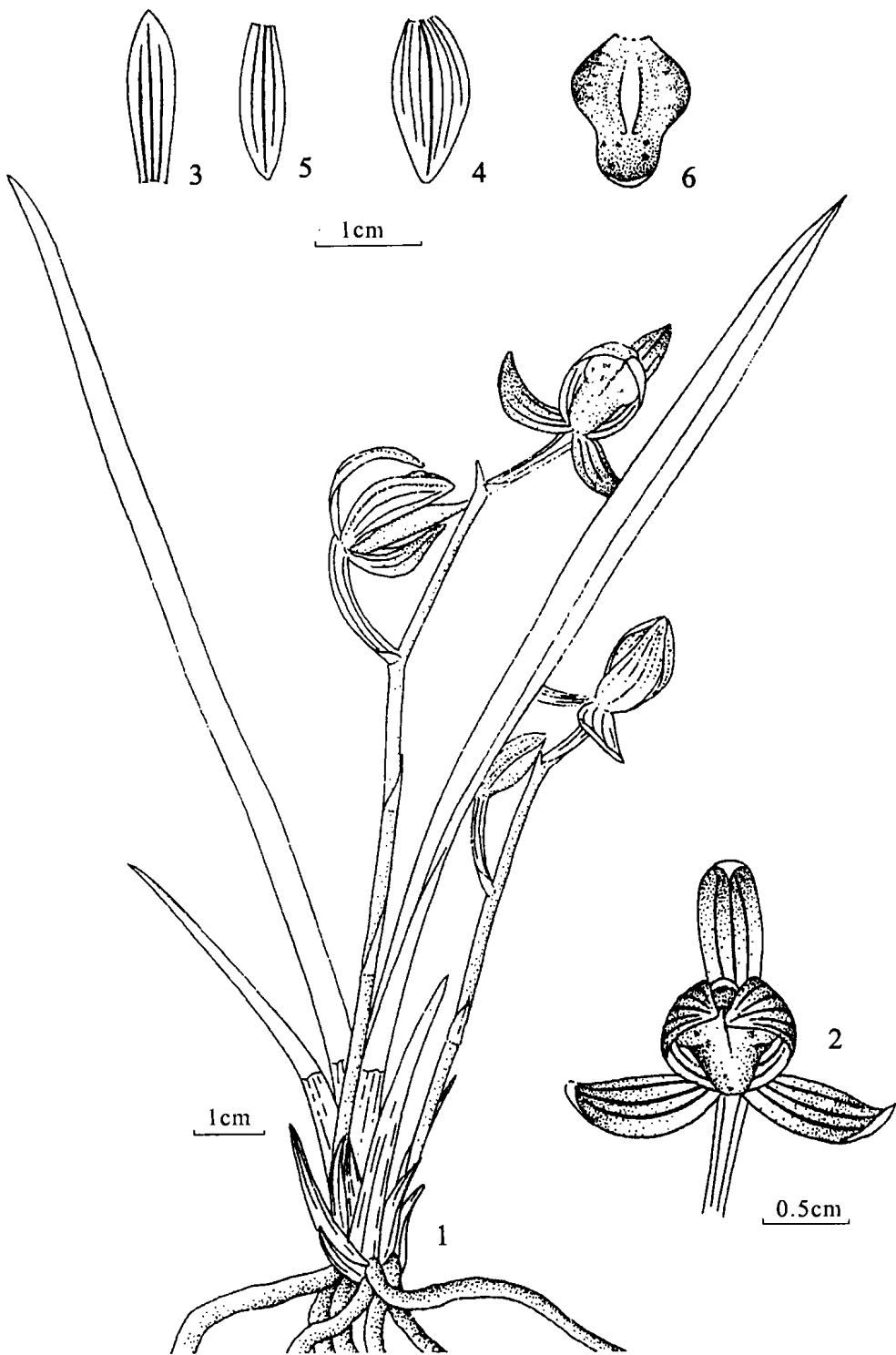
Species nova insignis, *Cymbidio nanulo* Y. S. Wu et S. C. Chen subsimilis, a quo differt planta non elongato-rhizomatosa, pseudobulbo praesenti 1—1.5 cm longo, foliis articulatis, labello incurvo ad apicem, columna 1—1.2 cm longa.

Herba terrestris, perennis. Pseudobulbus anguste ovoideus, 1—1.5 cm longus, 0.6—0.8 cm in diam., infra foliorum bases inclusus. Folia suberecta, 1—4, coriacea, rigida, lineari-lanceolata, 7—22 cm longa, 0.5—0.8 cm lata, apice acuminata, infra medium plus minusve conduplicata, articula-

ta. Scapus ex basi pseudobulbi exoriens, suberectus, gracilis 8—10 cm longus, e brunneo-rubello viridulus, ad basin multivaginat, vaginis 1.5—1.8 cm longis viridulis et brunneo-rubello-nerviis, basi amplexicaulibus; inflorescentia 2—2.5 cm longa, paulo flexuosa, 2—3-flora; bractae lanceolatae, viridulae et brunneo-rubello-nerviae, 4—5 mm longae, 2—2.5 mm latae; pedicellus cum ovario 1—1.5 cm longus, viridis et purpureo-rubello-striatus; flores minores, 2—3 cm in diam., sepalis purpureo-brunneis et atropurpureo-brunneo-nerviis, petalis flavido-viridulis et purpureo-rubello-nerviis, labello flavido-albido et purpureo-rubello-maculato; sepalum dorsale anguste elliptico-oblongum, 1.5—1.7 cm longum, 3—4 mm latum,

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1. 带花植株; 2. 花; 3. 主萼片; 4. 侧萼片; 5. 花瓣; 6. 唇瓣, 正面观
1. Flowering plant; 2. Flower; 3. Dorsal sepal; 4. Lateral sepal; 5. Petal; 6. Lip, front view

图 1 细花兰

Fig. 1 *Cymbidium micranthum* Z. J. Liu et S. C. Chen

apice acutum et incurvum; sepala lateralibus ei dorsali similia, obliqua; petala anguste elliptica, 1.3—1.5 cm longa, 6—7 mm lata, apice acuta, plus-minusve columnam amplectentia; labellum ambitu subovatum, obscure trilobum, 1.3—1.5 cm longum, ca 1.2 cm latum, apice obtusum et incurvum, margine prope apicem plus minusve crispatum, disco lamellis duobus carnis ca 6 mm longis ornato; columna 1—1.2 cm longa, leviter arcuata; pollinia 4.

China, Yunnan (云南): Maguan county (马关县), Shanche (山车), on shrubby and rocky slopes, alt. 1500 m, 2002-12-30. Z. J. Liu (刘仲健) 2705. (Holotype, SZWN) (SZWN=Herbarium, Shenzhen City Wutongshan Nurseries, China).

多年生地生草本。假鳞茎狭卵形, 长1~1.5 cm, 直径0.6~0.8 cm, 包藏于叶基之内。叶近直立, 1~4枚, 革质, 坚挺, 披针形, 长7~22 cm, 宽0.5~0.8 cm, 先端渐尖, 下半部稍对摺, 有关节。花萼从假鳞茎基部发出, 近直立, 纤细, 长8~10 cm, 淡绿色, 具褐红色的晕, 近基部具多枚鞘; 鞘长1.5~1.8 cm, 淡绿色具紫红色脉, 基部抱轴; 花序长2~2.5 cm, 稍左右曲折, 具2~3朵花; 花苞片披针形, 淡绿色具紫红色脉, 长4~5 mm, 宽2~2.5 mm; 花梗和子房长1~1.5 cm, 绿色, 具紫红色纹; 花较小, 直径2~3 cm; 萼片紫褐色, 有深色纵脉; 花瓣浅黄绿色而有紫红色纵脉; 唇瓣黄白色, 有

紫红色斑; 中萼片狭椭圆状矩圆形, 长1.5~1.7 cm, 宽3~4 mm, 先端急尖并内弯; 侧萼片与中萼片相似, 斜歪; 花瓣狭椭圆形, 长1.3~1.5 cm, 宽6~7 mm, 先端急尖, 稍围抱蕊柱; 唇瓣轮廓为卵状椭圆形, 不明显3裂, 长1.3~1.5 cm, 宽约1.2 cm, 先端钝且内弯, 近先端的边缘多少皱波状; 唇盘上有2条肉质纵褶片, 长约6 mm; 蕊柱长1.0~1.2 cm, 稍弧曲; 花粉团4个。

本新种很独特, 与珍珠矮(*Cymbidium nanulum* Y. S. Wu et S. C. Chen)略相近, 但本新种不具延长的根状茎, 有长1~1.5 cm的假鳞茎, 叶在中部以下多少对摺, 有关节, 唇瓣顶端内弯, 蕊柱长1~1.2 cm, 甚易区别。

细花兰是兰属 *Cymbidium* 中的一个十分独特的种, 是笔者之一从云南省文山州马关县山车的山上采到的, 它们生于灌木丛生、多腐殖质的山坡上。目前有多丛的活植株已移栽于深圳梧桐山苗圃总场。

Cymbidium micranthum Z. J. Liu et S. C. Chen is a remarkable species collected by the senior author from Shanche of Maguan County, south-eastern Yunnan. It is similar to some extent to *Cymbidium nanulum* Y. S. Wu et S. C. Chen, from which it can be easily distinguished by having a pseudobulb 1~1.5 cm long, articulated leaves, incurved-tipped lip and much longer column, and lacking an elongated rhizome underground.