

云南兰科植物拾零

陈文红, 税玉民*

(中国科学院昆明植物研究所, 云南昆明 650204)

摘要: 报道了云南兰科 1 个新记录属及 4 个新记录种, 确定了文山石仙桃 (*Pholidota wenshanica* S. C. Chen et Z. H. Tsi) 的具体野外产地, 并对石仙桃属一种和厚唇兰属一种的文献进行了订正。

关键词: 兰科; 云南; 新资料

中图分类号: Q949 **文献标识码:** A **文章编号:** 1000-3142(2003)02-0121-02

Additional notes on the Orchidaceae of Yunnan, China

CHEN Wen-hong, SHUI Yu-min*

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

Abstract: One genus and four species (Orchidaceae) are reported new to Yunnan. The precise locality of *Pholidota wenshanica* is confirmed, and some records of *Pholidota* and *Epigénium* are corrected.

Key words: Orchidaceae; Yunnan; new data

During the study on the flora of the seed plants of SE Yunnan, the specimens and literature of Orchidaceae there are examined. As a result, one genus and four species are reported new to Yunnan^[1-3]. Besides, we confirm the precise locality of *Pholidota wenshanica* based on our collections and correct a misidentification of *Pholidota wenshanica* S. C. Chen et Z. H. Tsi^[4].

Appendicula cornuta Bl., Bijdr. 6: fig. 12, et 7: 302. 1825.

Yunnan: Hekou county, Nanxi Zhen, Luyinchong, in the dense forests on a limestone hill, alt. 700~950 m, Oct. 21, 2001, in fruit, Y. M. Shui *et al.* 15077 (KUN). Mengla county, Bubeng, Nanshahe, on tree in a forest, alt. 830 m, Dec. 18, 1988, in fruit, H. Zhu 2245 (KUN).

Distribution: Guangdong (Yangchun, Xinyi), Hongkong, Hainan, new to Yunnan. Sikimm, Myanmar, Thailand, Vietnam, Malaysia, Indonesia, Philippines. Type in Java.

The genus *Appendicula* is a new record in Yunnan.

Hemipilia kwangsiensis T. Tang et F. T. Wang ex K. Y. Lang in *Guihaia* 18(1): 7. fig. 2. 1998.

Yunnan: Hekou county, Nanxi Zhen, Luyinchong, on cliffs in dense forests on a limestone hill, alt. 700~950 m, Oct. 21, 2001, in fruit, Y. M. Shui *et al.* 15188 (KUN).

Distribution: SE and SW Guangxi, new to Yunnan. Type in Guangxi (Jingxi county).

Lecanorchis japonica Bl. in Mus. Bot. Lugd. Bat. 2: 188. 1856.

Yunnan: Luchun county. Mt. Huanglianshan,

收稿日期: 2002-02-07; 修订日期: 2002-06-28

基金项目: 中国科学院生物分类区系特别支持费; 云南省科委应用基础研究基金(2001C0022Q)。

作者简介: 陈文红(1975-), 女, 云南文山山人, 硕士, 主要从事植物学研究及兰科植物栽培管理工作。* 为通讯作者

Shandouyahou, alt. 2 200 m, Oct. 16, 1995, in fruit, S. K. Wu *et al.* 2487 (KUN); Jinping county, Ma-an-di, in moist place in a dense forest, alt. 1 900 m, Sep. 25, 1996, in fruits, S. K. Wu *et al.* 3190 (KUN).

Distribution: N Fujian (Mt. Wuyi), SW Hunan (Tongdao), new to Yunnan. Type in Japan.

Nervilia fordii (Hance) Schltr. in Bot. Jahrb. Engl. 45: 403. 1911.

—*Pogonia fordii* Hance in J. Bot. 23: 247. 1885.

Yunnan: Hekou county, Ying-pan-shan, in a limestone forest near the summit, alt. 1 800 m, Sep. 19, 1999, without flower and fruit, Y. M. Shui *et al.* 11180 (KUN); Hekou county, Nanxi Zhen, in tropical forest, alt. 340 m, Oct. 20, 1992, without flower and fruit, S. H. Huang 92072 (YUNU).

Distribution: Guangdong, Hongkong, Guangxi, Centr. to West Sichuan, new to Yunnan; Thailand. Type in Guangdong (Luofushan).

Thrixspermum saruwatarii (Hayata) Schltr. in Fedde Repert. Sp. Nov. Beih. 4: 275. 1919.

—*Sarcochilus saruwatarii* Hayata, Icon. Pl. Formos. 6: 84, fig. 18. 1916.

Yunnan: Hekou county, Yaoshan community, Daweishan, on trees in the dense forests, alt. 1 240 m, Apr. 9, 1997, in fruit, Exp. to Mt. Daweishan 4247 (KUN, SWFC).

Distribution: North Fujian (Mt. Wuyi), Taiwan (Xinzhu, Daluge, Nantou, Gaoxiong), Hunan (Xiangxi), new to Yunnan. Type in Taiwan.

Epigeneium rotundatum (Lindl.) Smumerh. in Kew Bull. 13(2): 264. 1957.

—*Sarcopodium rotundatum* Lindl., Fol. Orch. Sarcopodium: 2. 1853.

—*Epigeneium amplum* auct non (Lindl.) Summerh., S. C. Chen et Z. H. Tsi in Native Orchids of China in Colour, 196, 1999.

Between Oct. 20~26, 2001, the second author went to Hekou county, SE Yunnan, collected the specimens of the genus *Epigeneium*, Y. M. Shui *et*

al. 15060 (fl. and fr.) in KUN, and took the photos on them, the the subrhombic mid-lobe of lip of which shows that they definitely belong to *Epigeneium amplum* (Lindl.) Summerh. However, on the photo in "Native Orchids of China in Colour", the rotundate mid-lobe of lip of *Epigeneium amplum* proves that the plant is allied to *Epigeneium rotundatum* (Lindl.) Smumerh.

Pholidota longipes S. C. Chen et Z. H. Tsi in Acta Phytotax. Sin. 21(3): 346. pl. 1(4). 1983.

—*Pholidota wenshanica* auct non S. C. Chen et Z. H. Tsi, S. C. Chen et Z. H. Tsi in Native Orchids of China in Colour, 358, 1999.

Yunnan: Xichou county, Tuopishu community, Pianyan village, alt. 1650 m, on limestone hills, 1964-06-03, in fruits, S. Z. Wang 690 (KUN, x2, as *P. wenshanica* by Tsi); *ibid.*, Gangou village, Dongzhongcao, alt. 1 400 m, 1964-05-06, in flowers, S. Z. Wang 0144 (KUN, x2, as *P. wenshanica* by Tsi); Malipo county, Tung-ting, alt. 1 500~2 000 m, in mixed forests on rock hills, 1947-11-23, in flowers, K. M. Feng 13589 (KUN, x2, as *P. wenshanica* by Tsi); *ibid.*, Malipo village, alt. 1 000 m, among rocks, 1940-01-04, in flowers, C. W. Wang 84183 (KUN, as *P. wenshanica* by Tsi).

Although Chen and Tsi (1983) described the species, the specimens with bigger acute lips of flowers in KUN were still identified as *P. wenshanica* by Tsi. The authors compared these specimens with the origin description of *Pholidota longipes* S. C. Chen et Z. H. Tsi, and went to Xichou county, the place of the type of *Pholidota longipes*, and observed flowering of the species in the field, finally made out how *Pholidota longipes* is like. So, the note is necessary here.

Pholidota wenshanica S. C. Chen et Z. H. Tsi in Bull. Bot. Res. 8(1): 7. fig. 1. 1988.

Yunnan: Gejiu, Manhao Zhen, Potou to Shazhidi, in a second forest, alt. 800 m, Nov. 17, 2000, flowers white, Y. M. Shui *et al.* 14428 (KUN); Hekou county, Yaoshan community, (下转第 101 页 Continue on page 101)

形态亦可佐证。

24. 茎花守宫木 (大戟科)

Sauropus bonii Beill. in Lecomte, Fl. Gen. Indo-Chine 5: 651. 1927; P. T. Li in Fl. Reip. Popul. Sin 44(1): 168, pl. 50, 4~9. 1994.

Hainan(海南): Wanning(万宁), alt. 100 m, 26 Apr. 1995, F. W. Xing, B. H. Chen *et al.* 6463(fl. IBSC), new record from Hainan.

分布于广西、海南(分布新记录); 越南、泰国。模式标本采自越南河内市。

25. 山麻杆 (大戟科)

Alchornea davidii Franch., Pl. David. 1: 264, t. 6. 1884; Icon. Cormoph. Sin. 2: 602, fig. 2934. 1972; H. S. Kiu in Fl. Reip. Popul. Sin. 44(2): 69. 1996. — *Acalypha silvestrii* Pamp. in

Nov. Giorn. Bot. Ital. 17: 409, fig. 11. 1910.

S. Shaanxi(陕西南部): David s. n. (type, P).

W. Hubei(湖北西部): Silvestri 1262(syntype of *A. silvestrii*, fr. Herb. Biondi), 1467(♂ fl., photo.). **Guangdong**(广东): Pingyuan(平远), alt. 750 m, 12 Apr. 1957, L. Deng 4243(♀ fl. IBSC), new record from Guangdong.

落叶灌木; 叶阔卵形, 宽 7~14 cm, 嫩叶浅红。雌、雄异株; 雄花序葇荑花序状, 长 2~4 cm; 子房和蒴果均近球形, 密生柔毛。分布于秦岭至南岭以北广大地区。我国特有种, 模式标本采自陕西。

本种在南京、上海、杭州等地常植于庭院作观赏植物; 现补充《中国植物志》遗漏的一个异名和广东东北部亦产。

(上接第 122 页 Continue from page 122)

Baiqianchong, in a forest on rocky hill, alt. 700 m, Nov. 22, 2000, flowers yellow, Y. M. Shui *et al.* 14605(KUN); *ibid.*, Taiyangzhai, on the summit at the edge of forest, alt. 900 m, Apr. 16, 2000, in fruit, Y. M. Shui *et al.* 12520(KUN); *ibid.*, Nanxi Zhen, Machang, in a limestone forest, alt. 700~800 m, in flower, Nov. 27, 2001, X. H. Jin 2040 (PE).

Chen and Tsi described this species based on a plant cultivated in Beijing Botanical Garden, Botany Institute, the Chinese Academy of Sciences^[5], which was bought from Wenshan Flower Market, Yunnan Province. Now, this species has been collected by the authors in the field.

Acknowledgements We thank Prof. Lang Kaiyong (PE) for identifying the specimens of Orchid

plants. Besides, Mr. Nie Ze-Long and Ms. Pu Chun-Xia are very helpful in the field work.

References:

- [1] Lang KY. Flora Reipublicae Popularis Sinica (17) [M]. Beijing: Science Press, 1999. 275—281.
- [2] Chen S. C. Flora Reipublicae Popularis Sinica (18) [M]. Beijing: Science Press, 1999. 14—27.
- [3] Tsi Z H. Flora Reipublicae Popularis Sinica (19) [M]. Beijing: Science Press, 1999. 58—60.
- [4] Chen S C, Tsi Z H. Native Orchids of China in Colour [M]. Beijing: Science Press, 1999. 196; 358.
- [5] Chen S C, Tsi Z H. Duae Species Novae Orchidacearum Sinicarum [J]. *Bull. Bot. Res.*, 1988, 8 (1): 7, fig. 1.