

海南省兰科植物新记录

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摘要:报道了海南兰科 (Orchidaceae) 植物 1 新记录属: 球柄兰属 (*Mischobulbum*); 4 新记录种: 中华叉柱兰 (*Cheirostylis chinensis*)、长柄球柄兰 (*Mischobulbum longiscapum*)、带唇兰 (*Tainia dunnii*)、南方带唇兰 (*Tainia ruybarrettoi*)。凭证标本均保存在中国科学院华南植物园标本馆 (IBSC)。

关键词:新记录; 兰科; 海南

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New Records of Orchidaceae from Hainan Province

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Abstract: One genus and species *Mischobulbum longiscapum* together with other three species, *Cheirostylis chinensis*, *Tainia dunnii*, and *T. ruybarrettoi* are reported as new records from Hainan. All the vouchers are preserved in Herbarium of South China Botanical Garden, the Chinese Academy of Sciences (IBSC).

Key words: New records; Orchidaceae; Hainan

Hainan Island is located in the South China Sea and enjoys a tropical and subtropical moist monsoon climate with annual average temperatures ranging between 18°C and 28°C. As an area with large pieces of primary tropical rain forest and tropical monsoon forests, it nurtures plenty of fast-growing adaptable plants, which also gives rise to abundant vegetation in density and species diversity, especially the well preserved tropical rain forests, which creates wonderful habitats for survival of numerous wild orchids^[1]. Hainan Island is one of the most important centers of wild orchids in China, has 78 genera and 214 orchid species, of which 31 species are endemic to China (including 14 species endemic to Hainan) and 20 species are found only in Hainan Island despite that they are not endemic to China^[2]. Many

orchidologists have been fascinated by this island and visited this place, involving themselves in the collection and research of the rich orchids since 1930s. Flora of Hainan^[3] is the first local orchid monograph in mainland of China. From then on, additions and amendments have been made by many orchidologists^[4-5]. However, new species and new records still have been added in recent years^[6-10]. During our botanical trips to Hainan from 2006 to 2007, one genus and species together with other three species were found as new records to Hainan. They are reported here.

1. *Cheirostylis chinensis* Rolfe in Ann. Bot. 9: 158. 1895, et in J. Linn. Soc. Bot. 36: 43. 1903; Schltr. in Fedde Repert. Sp. Nov. Beih. 4: 171. 1919.

Distribution: China (Taiwan, Hong Kong, Guangxi, Guizhou), Philippines. Terrestrial, rarely lithophytic on damp rocks in shady understory places, near streams and in moist areas. alt. 200~800 m. The type specimen was collected from Taiwan^[11]. New record to Hainan.

Specimen collected: China. Hainan: Baoting, Xiananshilin, alt. 680 m. 2006. 7. 24, Li Lin 100 (IBSC).

2. *Mischobulbum longiscapum* Seidenf. ex H. Turner in Orch. Monogr. 6: 67. fig. 36. 1992. — *Mischobulbum ovalifolium* (Tsi & Chen) Aver. in Updated checklist of the Orchids of Vietnam. 45, 89. 2003. — *Tainia ovifolia* Z. H. Tsi et S. C. Chen in Acta Phytotax. Sin. 32 (6): 558. f. 2 (14–15). 1994.

Distribution: China (Yunnan), Thailand. Terrestrial, in the flat understory on the rock under montane evergreen broad-leaved forest. alt. 600~1150 m. The type specimen was collected from Thailand^[12]. New record to Hainan.

Changjiang, Wangxia, Exianling, alt. 680 m. 2006. 7. 16, Li Lin 057(IBSC).

3. *Tainia dunnii* Rolfe in J. Linn. Soc. Bot. 38: 368. 1908; Schltr. in Fedde Repert. Sp. Nov. Beih. 4: 180. 1919; S. Y. Hu. Gen. Orch. Hong Kong 65. 1977.

Distribution: China (Hunan, Zhejiang, Jiangxi, Fujian, Taiwan, Guangdong, Hong Kong, northern Guangxi, central Guizhou). Terrestrial, in shady places under evergreen broad-leaved forest, along the rivers. alt. 580~1 900 m. The type specimen was collected from Fujian^[13]. This species is endemic to China. New record to Hainan.

Wuzhi Mountain, alt: 900 m. 2006. 7. 29, Li Lin 058 (IBSC).

4. *Tainia ruybarrettoi* (S. Y. Hu et Barretto) Z. H. Tsi in Flora Reipublicae Popularis Sinicae 18:243. 1999. — *Ania ruybarrettoi* S. Y. Hu et Barretto in Chung Chi J. 3(2): 25~26(fig.12). 1976.

Distribution: China (Hong Kong, eastern Guangxi), Terrestrial, in shady and damp places under forests, beside rivers, sometimes under the Bamboo

forests. alt. 600~900 m. The type specimen was collected from Hong Kong^[13]. This species is endemic to China. New record to Hainan.

Jianfengling Mountain, alt: 600 m. shady and damp places in forests, beside rivers, 2006. 7. 18, Li Lin 059 (IBSC).

Another species *Tainia hookeriana* King et Pantl occurs also in Hainan, which was previously misidentified as *Tainia ruybarrettoi* in Icons of Wild Orchids from Hainan Island^[14]. This species has a lip (1.5 cm long) adaxially with 3 keels, while the latter species has a obvious longer lip (2.2 cm long), adaxially with 5 straight, entire keels from the basal part to its distal end, so they can easily be distinguished from each other.

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中国植物学会全国会员代表大会暨 75 周年学术年会简讯

中国植物学会第十四届全国会员代表大会暨 75 周年学术年会于 2008 年 7 月 13 ~ 15 日在甘肃省兰州市召开。来自全国各省、市、自治区的中国植物学会会员、科研教育工作者、在读研究生 1000 多人参加了会议。

大会开幕式于 13 日上午在甘肃省人民政府礼堂举行,甘肃省委书记陆浩;中国科学院院士、中国科学院植物研究所研究员洪德元;中国科学院院士、北京大学教授赵进东;中国科学院院士、兰州大学教授郑国昌;教育部科学技术委员会秘书长高润生;兰州大学党委书记王寒松;中国植物学会理事长韩兴国、副理事长;武维华、种康、顾红雅;甘肃省科学技术协会副主席靳来福等领导 and 嘉宾出席了大会。

大会给为中国植物学作出了重大贡献的中国科学院院士、中国科学院昆明植物研究所研究员吴征镒颁发了荣誉奖。

大会邀请了中国科学院院士、中国科学院植物研究所研究员洪德元;中国科学院院士、北京大学赵进东教授;中国科学院植物研究所研究员韩兴国;中国科学院华南植物园黄宏文研究员、周国逸研究员;中山大学施苏华教授等 17 位专家教授在会上作专题报告。同时大会安排了 122 人,分别以“系统与进化植物学”、“植物生态与环境生物学”、“植物发育与分子生物学”、“植物资源的可持续利用”等学科进行了分组交流。

7 月 13 日下午,大会表彰了学会先进工作者、先进青年科技工作者,华南植物园的梁承邨研究员被评为中国植物学会先进工作者;任海研究员被评为中国植物学会先进青年科技工作者;林有润等 49 人获“从事植物学工作五十年的科学家”称号。大会进行了无记名投票,选举产生了“中国植物学会第十四届理事会”理事。广东省植物学会的黄宏文研究员当选为理事会常务理事;梁承邨研究员、周国逸研究员、施苏华教授当选为理事会理事。

(华南植物园毛荣森)