New Records of Orchidaceae from Guangdong Province

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Abstract: One newly recorded genus Tsaiochris and five newly recorded species including Gastrochilus nanus, Liparis kramerit, Malaxis microtatantha, Thrixspermum saruwatari and Tsaiochris neottianhoides of Orchidaceae are reported from Guangdong. All specimens are preserved in Herbarium of South China Botanical Garden, the Chinese Academy of Sciences (IBSC).

Key words: Flora; New records; Orchidaceae; Guangdong

Nanling National Nature Reserve, which lies on the south slope of Nanling mountains, is situated in Ruyuan, Lianxian and Yangshan Counties, northern Guangdong, at 24°39’-28°08’ N and 112°41’-113°15’ E, with an area of 56 300 ha[1]. The reserve with strong montane feature is in the subtropical humid monsoon climate zone. Nanling National Nature Reserve is the heartland of subtropical evergreen broad-leaved forest in China[2]. With the altitude rising, the vegetation types of the reserve are as follows: hilly evergreen broad-leaved forest, montane evergreen broad-leaved forest, montane evergreen and deciduous broad-leaved mixed forest, montane mixed coniferous broad-leaved forest, montane elfin forest, montane bushes and grassland[3].

Nanling National Nature Reserve is diverse in orchids. Here we present 1 newly recorded genus and 5 newly recorded species of Orchidaceae from Guangdong Province.


Distribution: Fanjin Mountain, northeast Guizhou. Alt: 1 000 m, on the trunk [4]. New record to Guangdong.


Distribution: Southwest Hubei, Xuanen; Japan, Korea Peninsula. The type specimen was collected from Japan[8]. New record to Guangdong.


Distribution: south Anhui[8]; Donggu, median Jiangxi, Wuyi Mountain, Yongfu, Lianjiang, Fujian, and Tailuge, east Taiwan. Alt: 200–600 m, under the forests and on the wet rock. The type specimen was collected from Yongfu, Fujian Province[8]. New record to Guangdong.


Distribution: north Fujian, Hunan and Taiwan. Alt: below 2 800 m, on the trunk. The type specimen was collected from Taiwan[8]. New record to Guangdong.


Distribution: Yunnan Pingbian, Guangxi Jinxiu Dayao Mountain, Shanglin Daming Mountain[7]. New record to Guangdong.

*Tsaiorchis* is endemic to China. Newly recorded genus to Guangdong.

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References


