

Studies on Medicine-Food Plants Collected by Ethnic People in Yunnan tropics

Chunlin Long, Ph.D., Professor

College of Life and Environmental Sciences, Minzu University of China.
And Kunming Institute of Botany, Chinese Academy of Sciences

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Abstract

Yunnan tropics harbors the richest biological and cultural diversity in China. Nowadays the indigenous people of different ethnic groups still collect a lot of wild edible and medicinal plants for food and health care. This study focused on the wild plants with both edible and medicinal properties. The local people collected 95 wild species of medicine-food plants, based on a case study in Xishuangbanna. Three species had been studied phytochemically and pharmacologically. The results revealed the significance of medicine-food plants. The studies on medicine-food plants can provide new ideas for future development.

Biography

Dr. Chunlin Long is a full professor at Minzu University of China, and a research professor at Kunming Institute of Botany, Chinese Academy of Sciences. Dr. Long has concentrated on investigation, inventory, chemical constituents and their bioactivities, genetic resources, biodiversity, conservation and sustainable development of plants used by ethnic groups in southwest China. He has published 278 papers in which 125 were covered/indexed by Thomson Reuters. Dr. Long is the author of 21 botanical books and 24 new species. His research has been supported by the National Natural Science Foundation of China, the Ministry of Science & Technology of China, the Ministry of Education of China, and some international funding agencies. Dr. Long is the editorial board member of more than 10 journals such as *Journal of Ethnobiology and Ethnomedicine*, *Genetic Resources and Crop Evolution*, *Archives of Pharmacal Research*, and *Biodiversity Science*. He has been elected to be the vice president of Chinese Society of Ethnobotany since 2012. Dr. Long has been awarded some important prizes, including the prizes awarded by the Yunnan Provincial Government, the Chinese Academy of Sciences, and the Society of Ethnobotanists.

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