

蘭嶼藥用植物資源之調查研究

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摘 要

本研究之目的在於調查蘭嶼藥用植物資源，以提供醫藥、保健之資源開發與保育參考。

蘭嶼位居於東亞、馬來群島兩植物地理區系交匯之過渡地帶，為台灣最接近熱帶雨林之地區，區內植物擁有許多特有種及稀有植物，為台灣地區所罕見，本研究在蘭嶼、小蘭嶼兩島上，自海岸、平野以至山區，由田野調查、採集、訪查當地原住民之藥用經驗，歷經二年計五次的實地調查，完成本研究，並統計歸納論述如下：

1. 蘭嶼藥用植物經調查統計，計有 8 門、182 科、517 屬、748 種，其中 18 種藥用植物曾為當地雅美族(達悟族)原住民所使用。
2. 蘭嶼 中國藥材 275 種，分別隸屬於 228 種藥用植物。
3. 蘭嶼產有毒藥用植物，較具毒性者有紅頭咬人狗等 50 種。
4. 蘭嶼產稀有藥用植物，計有小笠原卷柏等 37 種。
5. 蘭嶼具有發展潛力之藥用植物，經評估，計有青芋麻、番杏、大葉樹蘭、青脆枝、防葵、蘭嶼山馬茶、檄樹、蘭嶼木耳菜等 8 種。
6. 蘭嶼產未見於台灣之藥用植物，有菲律賓朴樹等 54 種。
7. 蘭嶼特有植物計有 27 種，其中 8 種有藥用記載，在此 8 種中為當地雅美族人使用者僅 3 種。

Investigation and Study on the Resources of Medicinal Plants in Lanyu Islands

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Summary

The object of this study is to investigate the medicinal plant resources in Lanyu Islands, for the development and preservation of its medicinal resources.

Lanyu Islands locate between Eastern Asian and Malaysian Islands Phytogeographic Districts, with a climate much similar to tropical rain forest in Southern Taiwan. There are many rare and endemic plants on this island.

After five times of field works of investigation, collection and visiting local people for the medicinal experience on plants in Lanyu Island and Lanyu Islet in the last two years, we completed the study and concluded the results as follows:

1. The medicinal plants grown in Lanyu Islands could be classified into 8 phyla, 182 families, 517 genera and 748 species. Among these plants, 18 species were known to be used by local Yami (Tao) aborigine.
2. Among these medicinal plants grown in Lanyu Islands that had been recorded as crude drugs in various Pentsa' o books throughout the ages, there were 275 Chinese medicinal materials and were attributed to 228 species of plants.
3. Of the poisonous medicinal plants grown in Lanyu Islands, there were 50 species, such as *Dendrocnide kotoensis* (HAYATA ex YAMAMOTO) SHIH & YANG

with comparatively conspicuous toxicity.

4. From the results of our study, we found 37 rare medicinal plants species, such as *Selaginella boninensis* BAKER grown in Lanyu Islands.
5. After evaluation, we proposed 8 medicinal plants species in Lanyu Islands, such as *Boehmeria nivea* (LINNAEUS) GAUDICHAUD var. *tenacissima* (GAUDICHAUD) MIQUEL, *Tetragonia tetragonoides* (PALLAS) KUNTZE, *Aglaia elliptifolia* MERRILL, *Nothapodytes nimmoniana* (GRAHAM) MABLERLEY, *Peucedanum japonicum* THUNBERG, *Tabernaemontana subglobosa* MERRILL, *Morinda citrifolia* LINNAEUS and *Gynura elliptica* YABE & HAYATA as potential plants for future drug development.
6. After literature survey, we found that 54 species of medicinal plants grown in Lanyu Islands, such as *Celtis philippensis* BLANCO were not been found in Taiwan.
7. There were 27 species of endemic plants in Lanyu Islands. Among these specific plants, 8 species had been recorded for medicinal application. Among these eight species, local Yami aborigine used only three.