



# 綠島西南岸海綿相

## Sponge Fauna in Southwest Green Island

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### Abstract

A survey of sponge fauna within 20 m depth in the coral reefs of southwest side of Green Island (N22°39' E121°28'), Taiwan was carried out between December 5th -9th, 2008. Sponges were photographed in-situ and parts of them were collected for identification. The samples were either fixed in formalin and then transferred to alcohol, or directly preserved in alcohol. Then each sample was identified to genus or species using traits observable from hand-sectioned thin slides. A total of 65 species, belonging to 32 families were found in this preliminary investigation. Each sample was divided into two parts, one set is deposited in NMNH, Leiden, the Netherland, the other set is kept in NSYSU and will be deposited in National Museum of Natural Science, Taiwan. We thank Y.S. Huang, D.Y. Huang, M.H. Chen, Y.T. Chen, H.Y. Yu and C.C. Ho for helping field work; this work is supported by funds from Ministry of Education and National Science Council to Kuroshio Research Group in NSYSU.



### 摘要

本調查在2008年12月於綠島西南岸20m水深內進行，在現場拍照後採集部份海綿組織，每份樣品先經福馬林固定，或直接保存於酒精中。之後，利用手操薄切片上可見之骨針特徵，鑑定各標本至屬或種。總共發現65種，分屬32科。所有標本均分為兩份，一份典藏在荷蘭國家自然史博物館，另一份將典藏於我國國立自然科學博物館。

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