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桑黃(*Sanghuangporus sanghuang*)相似種的分類學研究 (1/3)

計畫報告書

Taxonomic studies of Sanghuang (*Sanghuangporus sanghuang*) resembling species (1/3)

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中文摘要

野生以及市售桑黃存在真少假多的情形，許多桑黃相似種類的分類及鑑定仍然困難。本計畫對於外形特徵像桑黃的多孔菌，分析形態及分子序列特徵進行分類學研究，建立桑黃相似種類的鑑定資料。本計畫擬研究桑黃相似種類 30 種，隸屬於刺革菌目(Hymenochaetales)，刺革菌科(Hymenochaetaceae) 的 *Fomitiporia*、*Fulvifomes*、*Fuscoporia*、*Inocutis*、*Inonotus*、*Onnia*、*Phellinus*、*Phylloporia*、*Porodaedalea*、*Sanghuangporus*、*Tropicoporus* 等屬。除了台灣的野生種類，也會納入中國大陸、東南亞及東北亞的種類。第一年研究 10 種為：*Fuscoporia formosana* (可能新種)、*Inonotus taiwanensis* (可能新種)、*Phylloporia chrysites* aff. sp. A、*P. chrysites* aff. sp. B、*P. pectinata*、*Sanghuangporus baumii*、*S. lonicerinus*、*S. vaninii*、*S. weigela* 及 *Tropicoporus hualiensis* (可能新種)。本報告並提供這 10 種的描述、子實體照片、顯微特徵線條圖以及 28S 及 ITS 分子序列。

關鍵詞：中國、日本、韓國、藥用真菌、桑黃、台灣、分類學





英文摘要

Wild and commercial true Sanghuang (*Sanghuangporus sanghuang*) fruiting bodies are very rare, while that of the false ones are abundant. It is fairly difficult to identify the Sanghuang resembling species. This project plans to conduct taxonomic study for the Sanghuang resembling polypore species, based on morphological and phylogenetic analyses, in order to establish a database for the Sanghuang resembling species. This research plans to study 30 Sanghuang resembling species, all belong to Hymenochaetaceae of the Hymenochaetales, these species are under the genera *Fomitiporia*, *Fulvifomes*, *Fuscoporia*, *Inocutis*, *Inonotus*, *Onnia*, *Phellinus*, *Phylloporia*, *Porodaedalea*, *Sanghuangporus* or *Tropicoporus*. Apart from the Taiwanese wild species, those distributed in China, and SE and NE Asia, also will be included in this study. Ten species were studied for the first year: *Fuscoporia formosana* (possible new species), *Inonotus taiwanensis* (possible new species), *Phylloporia chrysites* aff. sp. A, *P. chrysites* aff. sp. B, *P. pectinata*, *Sanghuangporus baumii*, *S. lonicerinus*, *S. vaninii*, *S. weigela* and *Tropicoporus hualiensis* (possible new species).

Keywords: China, Japan, Korea, medicinal fungi, Sanghuang, Taiwan, taxonomy

