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# 褐藻膠的研究

## I. 臺灣沿海褐藻所含褐藻膠的質與量之測定

周宏農 江永棉

### 摘要

於1976年2月至8月間在臺灣沿岸及澎湖採集到分屬於19種褐藻類的31個樣本，分別抽取其所含褐藻酸鈉，測定它的產量和黏度、顏色等性質。結果顯示：1. 小海帶 (*E. binghamiae*) 的產量和粘度均最高，但隨着貯藏時間的延長，粘度呈顯著的下降。2. 臺灣海岸生長之大量馬尾藻屬 (*Sargassum*) 植物，諸如 *S. cristaefolium*, *S. duplicatum*, *S. siliquosum* 和 *S. sandei*，其藻膠含量高，且粘度性質不錯，可應用為發展本省褐藻膠工業之所需。