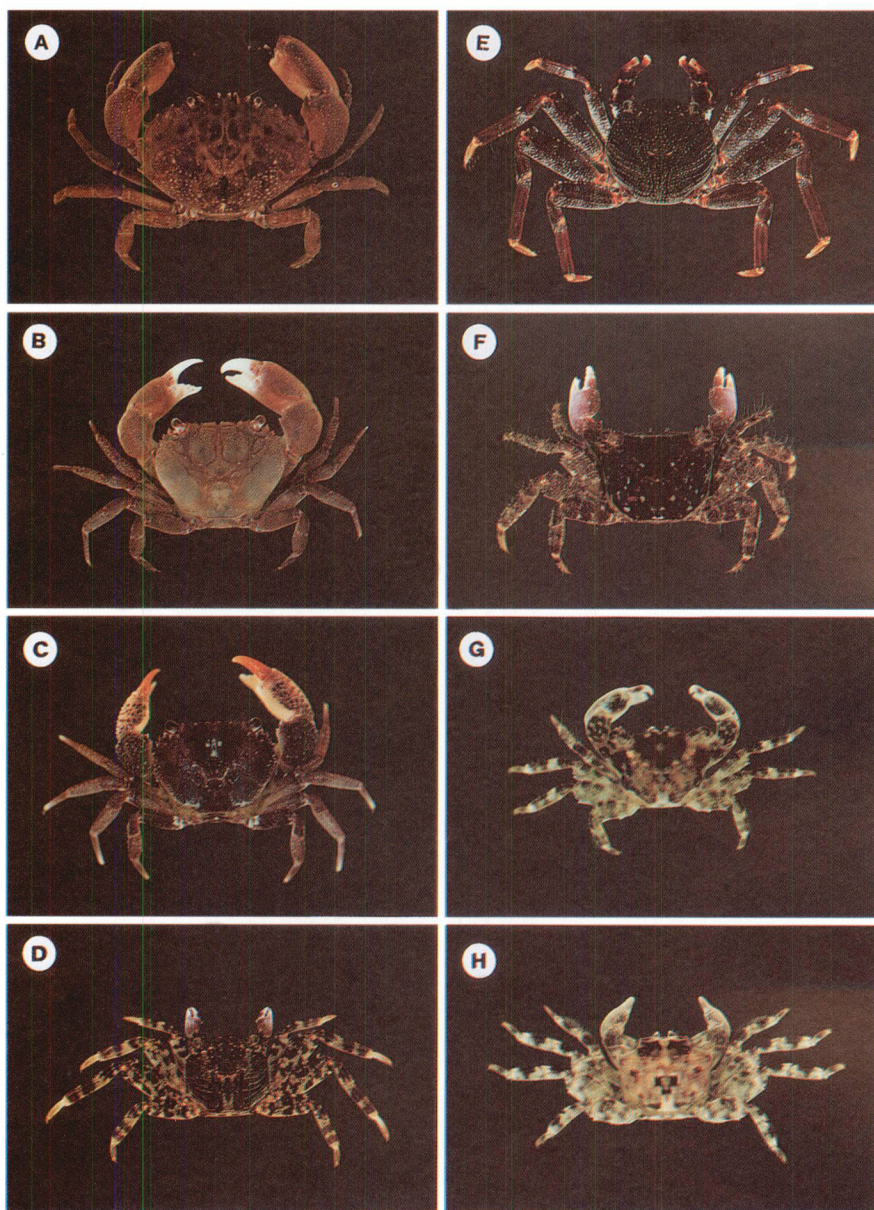
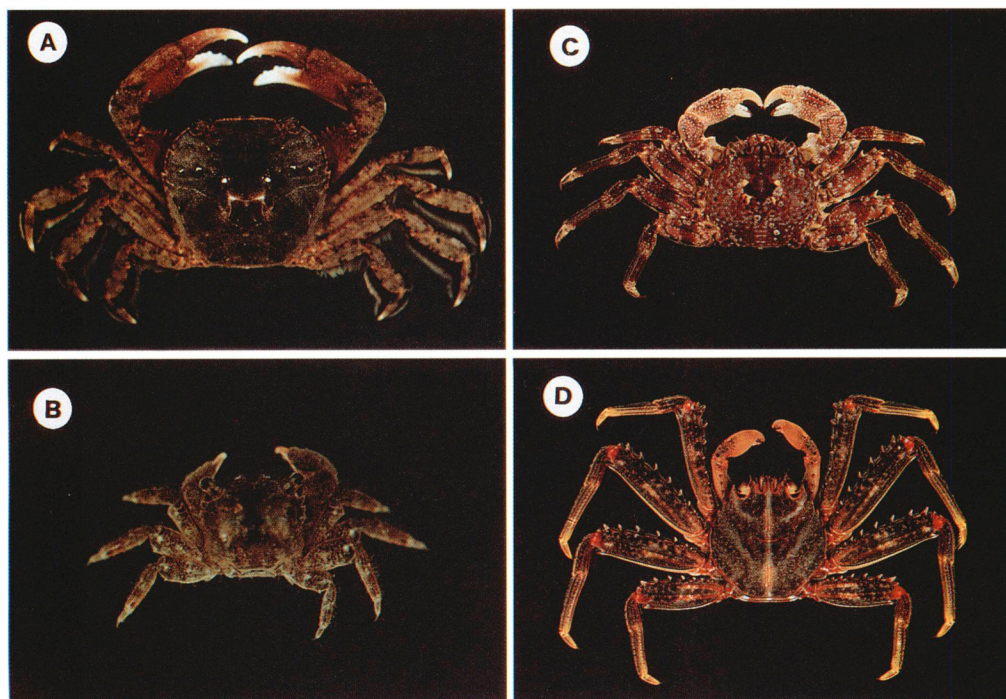
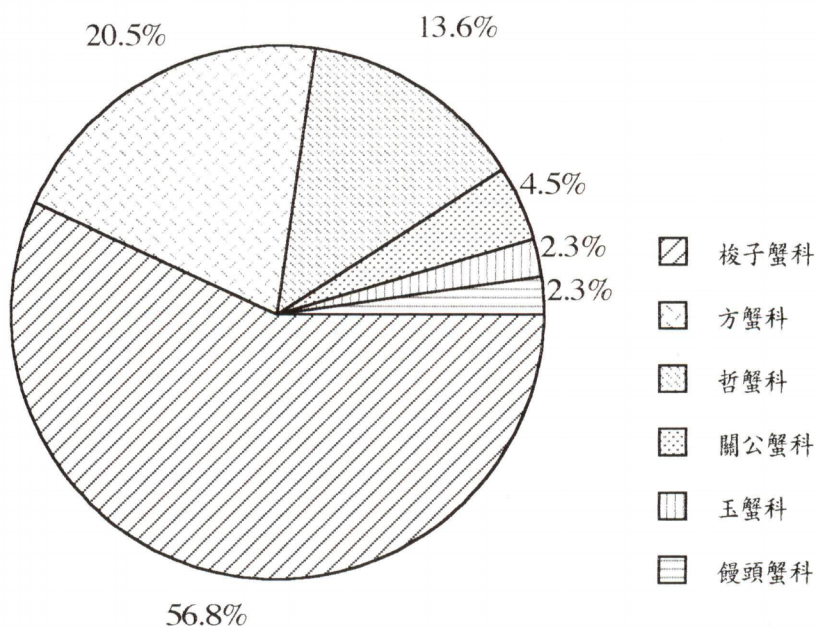




圖七. 高雄港區採集之蟹類 (A. 哈氏肉哲蟹 *Myomenippe hardwicki* (Gray, 1831) (♀, cl. 43mm, cw. 60mm) ; B. 光手酋婦蟹 *Eriphia sebana* (Shaw and Nodder, 1803) (♂, cl. 18mm, cw. 25mm) ; C. 司氏酋婦蟹 *Eriphia smithi* MacLeay, 1838 (♀, cl. 10mm, cw. 14mm) ; D. 白紋方蟹 *Grapsus albolineatus* Lamarck, 1818 (♀, cl. 17mm, cw. 19mm) ; E. 細紋方蟹 *Grapsus tenuicrustatus* (Herbst, 1783) (♂, cl. 49mm, cw. 52mm) ; F. 方形大額蟹 *Metopograpsus thukuhar* (Owen, 1839) (♀, cl. 17mm, cw. 21mm) ; G. 小厚紋蟹 *Pachygrapsus minutus* A. Milne Edwards, 1873 (♂, cl. 6mm, cw. 8mm) ; H. 褶痕厚紋蟹 *Pachygrapsus plicatus* (H. Milne Edwards, 1837) (♂, cl. 7mm, cw. 10mm))。



圖八. 高雄港區採集之蟹類 (A. 字紋弓蟹 *Varuna litterata* (Fabricius, 1798) (♀, cl. 38mm, cw. 41mm) ; B. 小相手蟹 *Nanosesarma minutum* (De Man, 1887) (♂, cl. 5mm, cw. 6mm) ; C. 瘤突斜紋蟹 *Plagusia tuberculata* Lamarck, 1818 (♂, cl. 46mm, cw. 50mm) ; D. 裸掌盾牌蟹 *Percnon planissimum* (Herbst, 1804) (♂, cl. 33mm, cw. 31mm))。



圖九. 高雄港區採得各科蟹類種數所佔百分比。

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Crab Fauna of Kaohsiung Harbor, Southwestern Taiwan

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ABSTRACT

The present study was conducted from March 1995 to March 1997, with seasonal sampling using bottom trawler at Kaohsiung Second Harbor. Three families of 8 genera with 19 species of crabs were found in 9 samplings. *Charybdis anisodon* is the most dominant species (68.9%) in the sandy mud bottom of this region. We also used gill net, trap net and skin-diving to collect samples where bottom trawler was not applicable. By using these different sampling methods, a total of 6 families 22 genera and 44 species of crabs in Kaohsiung Harbor were recorded. There are 4 families 10 genera and 24 species, and 3 families 15 genera and 25 species collected from sandy mud bottom region and rocky or coral reef region, respectively. Among them, 5 species can be found on both habitats. The family of Portunidae which has 25 species is the most dominated crabs in Kaohsiung Harbor. This is about 42.4% of all swimming crabs (59 species) recorded from Taiwan.

Key words: Crab fauna, Kaohsiung Harbor, Taiwan.

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