NEW RECORDS OF BOX AND MOON CRABS (DECAPODA, BRACHYURA: CALAPPIDAE, MATUTIDAE) FROM TAIWAN

BY

KWEN-SHEN LEE1,4, HO-TIAN HUNG1), TOHRU NARUSE2) and TIN-YAM CHAN3)

1) Zoology Department, National Museum of Natural Science, 1 Guancian Rd., Taichung, Taiwan, R.O.C.
2) Transdisciplinary Research Organization for Subtropical and Island Studies, University of the Ryukyus, 870 Uehara, Taketomi, Okinawa 907-1541, Japan
3) Institute of Marine Biology, National Taiwan Ocean University, 2 Pei-Ning Road, 20224 Keelung, Taiwan, R.O.C.

ABSTRACT

Two species of box crabs (Calappa clypeata Borradaile, 1903, and Mursia poupini Galil, 2001) and one species of moon crab (Ashtoret miersi (Henderson, 1887)) are recorded from Taiwan for the first time. Their distributions as well as their morphological features are discussed.

RÉSUMÉ

Deux espèces de « crabe boîtes » (Calappa clypeata Borradaile, 1903 et Mursia poupini Galil, 2001) et une espèce de « crabe lune » (Ashtoret miersi (Henderson, 1887)) sont signalées de Taiwan pour la première fois. Leur répartition ainsi que leurs traits morphologiques sont discutés.

INTRODUCTION

The calappid and matutid fanua of Taiwan is well studied. At present, four genera and 15 species of calappids and three genera and four species of matutids have been recorded (Ng et al., 2001). In recent years, studies of the material deposited in the National Museum of Natural Science (NMNS), Taichung, and the National Taiwan Ocean University (NTOU), Keelung, uncovered three more species. The present study reports these species with short notes of their distribution as well as their morphological characters.

Measurements provided of the specimens examined are of carapace length and carapace width, including spines when present.

4) Corresponding author; e-mail: kslee@mail.nmns.edu.tw
Calappa clypeata Borradaile, 1903 (fig. 1a, b)

Material examined. — One female, 32.7 × 42.2 mm, NTOU, Dasi Fishing Port, Yilan County, coll. S.-H. Wu, 1 Sep. 1997.

Diagnosis. — Carapace 1.29 times as wide as long; dorsal surface with radially aligned granules on anterior half and protuberance on posterior half; posterolateral

Fig. 1. a, b, Calappa clypeata Borradaile, 1903, female, 32.7 × 42.2 mm, NTOU; c, d, Mursia poupin Galil, 2001, male, 34.1 × 45.8 mm, NMNS-3448-00003; e, f, Ashtoret miersi (Henderson, 1887), female, 17.6 × 24.7 mm, NTOU. a, habitus, dorsal view; b, left chela, outer view; c, habitus, dorsal view; d, right chela, outer view; e, habitus, dorsal view; f, right chela, outer view.