



***Binhthuanomon vinhtan*, a new genus and new species of semi-terrestrial freshwater crab (Crustacea: Decapoda: Brachyura: Potamidae) from south central Vietnam**

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Abstract

A new genus and new species of semi-terrestrial crab of the family Potamidae, *Binhthuanomon vinhtan* n. sp., is described from south central Vietnam. The new genus is morphologically closest to *Villopotamon* Dang & Ho, 2003, and *Balssipotamon* Dang & Ho, 2008, in the shapes of the carapace and first gonopod but is easily distinguished by distinct carapace characteristics and gonopod 1 structures, and the habitat occupied.

Key words: *Binhthuanomon*, new genus, new species, endangered species, conservation, Vietnam

Introduction

A recent survey in south central Vietnam obtained resulted in the collection of freshwater crabs that could not be identified with any known genus or species. The carapace and male first gonopod of this taxon, assigned herein to a new genus, *Binhthuanomon* n. gen., somewhat resemble *Villopotamon thaii* Dang & Ho, 2003, and *Balssipotamon ungulatum* (Dang & Ho, 2003) (Dang & Ho, 2003, 2008). It is described here as a new genus and new species.

Material and methods

Specimens of *Binhthuanomon* were collected from Nui Chua, Vinh Tan commune, Tuy Phong district, Binh Thuan province, south central Vietnam (Fig. 1), and were preserved in 70–95% ethanol and illustrated with the help of a drawing tube attached to a stereomicroscope. Materials examined are deposited at the Institute of Tropical Biology (ITB) and Institute of Ecology and Biological Resources (IEBR), Vietnam Academy of Science and Technology (VAST). The abbreviations G1 and G2 are used for the male first and second gonopods, respectively. Measurements, in millimeters (mm), are of the carapace width (CW), carapace length (CL), as well as the ratio of length/width of the second and fourth ambulatory leg. The terminology used here essentially follows that used by Ng (1988).

Taxonomy

Family Potamidae Ortmann, 1896