



Two new species of freshwater crabs of the genus *Heterochelamon* Türkay & Dai, 1997 (Crustacea: Decapoda: Brachyura: Potamidae) from Guangxi Zhuang Autonomous Region, southern China

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Abstract

Heterochelamon tessellatum n. sp. and *H. castanea* n. sp. are described from the Guangxi Zhuang Autonomous Region, southern China. *Heterochelamon tessellatum* n. sp. and *H. castanea* n. sp. are morphologically most similar to *H. yangshuoense* Türkay & Dai, 1997, and *H. guangxiense* Türkay & Dai, 1997, respectively. The new species can be differentiated from these allied species by differences in the shape of external orbital tooth, epibranchial tooth, and male first gonopod. The present study brings the number of *Heterochelamon* species to five. A key to species of the genus *Heterochelamon* is provided.

Key words: *Heterochelamon*, taxonomy, new species, Guangxi Zhuang Autonomous Region, China

Introduction

Freshwater crabs of the genus *Heterochelamon* Türkay & Dai, 1997, include *H. purpureomaculata* (Wu, 1934) [type species], *H. guangxiense* Türkay & Dai, 1997, and *H. yangshuoense* Türkay & Dai, 1997. All *Heterochelamon* species have been so far found only from Guangxi Zhuang Autonomous Region, southern China.

In the collection of freshwater crabs of the Medical College of Nanchang University, Nanchang, we found two undescribed species of *Heterochelamon* from the same region. The present study describes them in detail.

Specimens examined are deposited in the Department of Parasitology, the Medical College of Nanchang University (NCU MCP); the Zoological Collections of the Department of Life Science, National Chung Hsing University, Taichung (NMNS); Ryukyu University Museum, Fujukan, University of the Ryukyus, Okinawa (RUMF). Measurements provided are of the carapace length (CL) by the carapace width (CW). The abbreviations G1 and G2 are used for the male first and second gonopods, respectively.

Taxonomy

Family POTAMIDAE Ortmann, 1896

Subfamily POTAMISCINAE Ortmann, 1896 (*sensu* Yeo & Ng 2003)