



Two new species of the laomediid genus *Naushonia* Kingsley, 1897 (Crustacea: Decapoda: Gebiidea) from the Indo-West Pacific

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Abstract

Two new species of the rarely collected laomediid genus *Naushonia* Kingsley, 1897 are reported from shallow waters of the tropical Indo-West Pacific. *Naushonia latimana* n. sp. is described on the basis of two specimens, a male and a female, collected off Mayotte, Comoro Archipelago, southwestern Indian Ocean. *Naushonia serratipalma* n. sp. is described based on a single female specimen collected off Moorea, Society Archipelago, French Polynesia, Southwestern Pacific Ocean. Both new species are morphologically similar to *N. perrieri* (Nobili, 1904) and *N. japonica* Komai, 2004, but can be clearly distinguished from them by several morphological characters. The present report raises the total number of known species in the genus to 10; an identification key to all known species of *Naushonia* is provided.

Key words: Crustacea, Decapoda, Laomediidae, Gebiidea, *Naushonia*, new species, Mayotte, Moorea, French Polynesia, Indo-West Pacific

Introduction

In spite of the rather wide geographical range and occurrence in shallow water habitats, the laomediid genus *Naushonia* Kingsley, 1897 is considered as rare and indeed most species are currently known from a single or a few specimens. Until now, the genus contained eight species: *Naushonia crangonoides* Kingsley, 1897 from the eastern United States (Kingsley 1897; Thompson 1903; Goy & Provenzano 1978; Williams 1984); *N. portoricensis* (Rathbun, 1901) from the Caribbean Sea (Rathbun 1901; Goy & Provenzano 1979; Dworschak *et al.* 2006); *N. perrieri* (Nobili, 1904) from the Gulf of Aden (Nobili 1904; Ngoc-Ho 1996); *N. macginitiei* (Glassell, 1938) from southern California and Sonora, Mexico (Glassell 1938; Goy & Provenzano 1979); *N. panamensis* Martin & Abele 1982 from the Pacific coast of Panama (Martin & Abele 1982); *N. lactoalbida* Berggren, 1992 from Mozambique and Japan (Berggren 1992; Komai 2004); *N. japonica* Komai, 2004 from Japan (Komai 2004); and *N. carinata* Dworschak, Marin & Anker, 2006 from Vietnam and the Philippines (Dworschak *et al.* 2006). *Naushonia manningi* Alvarez, Villalobos & Iliffe, 2000, described from an anchialine cave in the Bahamas was recently transferred to the genus *Espeleonaushonia* Juarrero & Martínez-Iglesias, 1997 (type species: *E. augudrea* Juarrero & Martínez-Iglesias, 1997; Juarrero *et al.* 1997) by Dworschak *et al.* (2006). *Naushonia* and *Espeleonaushonia* are presently the only genera referred to the subfamily Naushoniinae Chace, 1939 (Chace 1939).

In this study, two new species of *Naushonia* are described from two geographically distant localities in the Indo-West Pacific. The first species is described on the basis of a male and a female from the French overseas territory of Mayotte, geographically part of the Comoro Archipelago, southwestern Indian Ocean. The second species is described based on a single female from Moorea, Society Archipelago, French Polynesia, southwestern Pacific Ocean. An updated key to all species of *Naushonia* is provided.