



Six new species and three new records of infaunal alpheid shrimps from the genera *Leptalpheus* Williams, 1965 and *Fenneralpheus* Felder & Manning, 1986 (Crustacea, Decapoda)

ARTHUR ANKER

Instituto de Ciências do Mar (Labomar), Universidade Federal do Ceará, Fortaleza, CE, Brasil. E-mail: arthuranker7@yahoo.com

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Abstract

Several species of the infaunal alpheid genera *Leptalpheus* Williams, 1965 and *Fenneralpheus* Felder & Manning, 1986 are described as new or reported from new localities in the tropical western Atlantic and eastern Pacific. In the genus *Leptalpheus*, five species are described as new: *L. marginalis* **sp. nov.** from the Caribbean coast of Colombia; *L. penicillatus* **sp. nov.** from the Pacific coast of Panama and Costa Rica; *L. azuero* **sp. nov.**, *L. hendrickxi* **sp. nov.**, and *L. bicristatus* **sp. nov.**, all three from the Pacific coast of Panama. In addition, *L. cf. forceps* Williams, 1965 and *L. felderi* Anker, Vera Caripe & Lira, 2006 are reported for the first time from the Caribbean coast of Panama. Several unidentified species of *Leptalpheus* presently known from incomplete or immature specimens are also reported. In the genus *Fenneralpheus*, *F. orabovis* **sp. nov.** is described as new, whereas *F. chacei* Felder & Manning, 1986 is reported from the Caribbean coast of Panama, representing the first finding of this species outside its type locality in Florida. The generic diagnoses of both *Leptalpheus* and *Fenneralpheus* are emended to accommodate the new species.

Key words: Alpheidae, *Leptalpheus*, *Fenneralpheus*, infaunal shrimps, commensal, Colombia, Panama, Costa Rica