

***Listriella longipalma* sp. nov., a new amphipod species (Crustacea: Liljeborgiidae) from the Straits of Melaka, Malaysia**

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Abstract

In a continuing study of the amphipods of Malaysia (Othman & Morino, 1996) a new species of amphipod Crustacea (Gammaridea, Liljeborgiidae) of the genus *Listriella* Stebbing, 1899, is described. The species was collected from the shores of Sg. Udang, Melaka from the Straits of Melaka at a depth range of 3 to 15 m. The substratum was of a muddy-sand type. The main differences between *L. longipalma* new species and all other species of the genus recorded are given.

Key words: *Listriella longipalma*, Amphipoda, new species, Crustacea, Liljeborgiidae, Malaysia

Introduction

In the course of a survey of infaunal benthic invertebrates in Sg. Udang, Melaka, an unidentified amphipod was recovered from the depth to 3–15 m. So far, there is no record of amphipod genus *Listriella* from these waters accept for the work of Imbach (1967) which described *L. janisae*, *L. pauli* and, *L. serra* from the Bay of Nha Thrang, Vietnam. Therefore, a detailed morphological study of the newly discovered species was conducted and comparisons were made with related amphipods

Materials and methods

Samples were taken using a Smith-McIntyre grab and washed through a 300 µm sieve. The organisms collected were fixed in 4% formaldehyde sea-water solution. The amphipods were then sorted, dissected and examined under a dissecting microscope in