The genus Hippomedon in Australian waters
(Crustacea, Amphipoda, Lysianassidae, Tryphosinae)

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Abstract

Two new species of Hippomedon, H. hippolyte sp. nov. and H. tourville sp. nov. are described from Australian waters. The distribution of H. rodericki is extended from Tasmania northwards into New South Wales. The distribution of Hippomedon geelongi is also extended from Victoria northwards into New South Wales and southwards into Tasmania.

Key words: Australia, Crustacea, Amphipoda, Lysianassoidea, Hippomedon, new species

Introduction

The genus Hippomedon Boeck, 1871, is a large and common group of lysianassid amphipods with a worldwide distribution. There are currently more than 60 species and subspecies in the genus (Lowry & De Broyer 2014). Characters defining the species are subtle and many species have been incompletely described, resulting in taxonomic confusion. Four species of Hippomedon are currently described from Australian waters. However, we consider that two of these, H. adentatus Moore, 1989 and H. denturus Moore, 1989, have been incorrectly ascribed to this genus (Kilgallen & Lowry unpublished). Here we describe two new Hippomedon species, H. hippolyte sp. nov. and H. tourville sp. nov. and redescribe H. geelongi Stebbing, 1888 and H. rodericki Moore, 1989, extending the distribution of both species along the south-eastern coast of Australia.

Material and methods

The descriptions were generated from a DELTA database (Dallwitz 2010) to the tryphosine (Lysianassidae) genera and species of the world. The bold italic parts of the descriptions are diagnostic characters that diagnose each taxon in at least two respects from every other tryphosine taxon. Material is lodged in the Australian Museum, Sydney (AM), the Natural History Museum, London (NHM) and Museum Victoria, Melbourne (NMV). Setal terminology follows Watling (1989). Standard abbreviations on the plates are: A, antenna; EP, epimeron; G, gnathopod; H, head; LM, labrum, MD, mandible; MX, maxilla; MP, maxilliped; P, pereopod; T, telson; U, uropod; l, left; r, right.

Systematics

Family Lysianassidae Dana, 1849

Subfamily Tryphosinae Lowry & Stoddart, 1997

Genus Hippomedon Boeck, 1871
References


AUSTRALIAN HIPPOMEDON SPECIES