



<http://dx.doi.org/10.11646/zootaxa.3926.3.4>

<http://zoobank.org/urn:lsid:zoobank.org:pub:96CC7DD1-4B40-4F28-8125-5651DFC6CDE2>

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adentatus* Moore, 1989 and *H. denturus* Moore, 1989, have been incorrectly ascribed to this genus (Kilgallen & Lowry unpublished).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

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