

## A new species of *Tenagomysis* (Crustacea: Mysida: Mysidae) from New Zealand with notes on three *Tenagomysis* species

KOUKI FUKUOKA<sup>1</sup> & NIEL L. BRUCE<sup>2</sup>

<sup>1</sup>National Science Museum, Tokyo, 3-23-1 Hyakunin-cho, Shinjuku, Tokyo 169-0073, Japan; fukuoka@kahaku.go.jp

<sup>2</sup>Marine Biodiversity and Biosecurity, National Institute of Water and Atmospheric Research, Private Bag: 14-901, Kilbirnie, Wellington, New Zealand; n.bruce@niwa.co.nz

### Abstract

*Tenagomysis longisquama* sp. nov. is described from South Island, New Zealand. *T. longisquama* is readily distinguished from the other species of *Tenagomysis* by the elongate antennal scale with an acute apex and the 10- to 16-subsegmented carpopropodus of the third to eighth thoracopodal endopods. *T. macropsis* Tattersall, 1923 and *T. producta* Tattersall, 1923, and an unidentifiable species, *Tenagomysis* sp., are also recorded from South Island. A key to the New Zealand species of *Tenagomysis* is provided.

**Key words:** Mysida, Leptomysini, *Tenagomysis*, new species, New Zealand, southwest Pacific

### Introduction

The genus *Tenagomysis* currently comprises 13 species, nine of which are known from New Zealand (Thomson 1900; Tattersall 1918, 1923; Fenton 1991). The genus occurs predominantly in the southwestern Pacific with all but one species (*Tenagomysis (Nouvelia) tanzaniana* Bacescu, 1975 from the western Indian Ocean) from Australia and New Zealand. The systematic position of *Tenagomysis (Nouvelia) tanzaniana* remains uncertain, requiring revision (Fenton 1991).

Collections of mysids obtained during the Ports Survey conducted by the National Institute of Water and Atmospheric Research (NIWA) of New Zealand, contained four species of *Tenagomysis*: two species previously known from New Zealand, *T. macropsis* Tattersall, 1923, and *T. producta* Tattersall, 1923; the new species described here; the fourth species is not identified because of its damaged condition. This paper describes the new species together with taxonomic notes on the other three species.