



## Two new species of Tanaidacea of the genus *Kalliapseudes* Stebbing, 1910 (Crustacea: Apseudomorpha: Kalliapseudidae) from Australia

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### Abstract

Two new species of kalliapseudid tanaidacea from Australia, *Kalliapseudes longisetosus* and *Kalliapseudes messingi*, are described from marine waters off Sydney, New South Wales and the Northwest continental shelf, respectively. *Kalliapseudes longisetosus* is distinguished from the other congeners by the presence of a single, very long simple seta on the anterior corners of the pereonites (about as long as the first pereonite) and several very long simple setae on the basis of the second and third pereopods (about as long as the basis). This new species is the second member of the genus to be reported from New South Wales. *Kalliapseudes messingi* is distinguished by having two small setae medially on the dactylus of pereopods 4 and 5, by the female having a tuft of sensory setae subterminally on the dactylus of pereopod 6, and by having three plumose setae on both the cheliped and pereopod 1 exopodite and is the first member of the genus to be reported from the Northwest continental shelf of Australia. Both species have a needle-like tip on the dactylus of the second and third pereopods. A table giving the distribution data for the species of *Kalliapseudes* and a key to the genera and species of Kalliapseudidae now known from Australia are presented.

**Key words:** Crustacea, Tanaidacea, new species, *Kalliapseudes longisetosus*, *Kalliapseudes messingi*, New South Wales, Northwest continental shelf, Australia

### Introduction

*Kalliapseudes obtusifrons* (Haswell, 1882) represents the only member of the genus *Kalliapseudes* Stebbing, 1910 previously reported from the Australian coastal region of New South Wales. Recently, during an examination of tanaidacean material from the collections at the Australian Museum (AM), two undescribed species of *Kalliapseudes* were discovered, one from the shelf waters off New South Wales, while the second is the first member of the genus to be reported from the northwest continental shelf of Australia. Their descriptions are the subject of this report.

The terminology used follows Larsen (2003). Descriptions were generated from a DELTA (Dallwitz et al. 1993) database. The material has been deposited in the Australian Museum, Sydney (AM).

### Systematics

#### Suborder Apseudomorpha Sieg, 1980

#### Family Kalliapseudidae Lang, 1956

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