



## The new and the old: littoral tanaidomorph Tanaidacea (Crustacea: Peracarida) from the Andaman Islands, Indian Ocean

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### Abstract

Recent collections of tanaidaceans from intertidal macroalgae on the shores of the Andaman Islands have revealed both new taxa to science and new material of a species which had previously been inadequately described. The present paper gives a redescription of the leptocheliid *Konarus crassicornis*, discussing its close similarity to the generotype, *K. cheirus*, and describes two new species, one of the tanaid genus *Zeuxo*, showing similarities to *Z. (Parazeuxo) kurilensis* and representing the first anatanaid to be recorded from the region, and one paratanaid of a new genus, *Triparatanais*, distinguished from other paratanais in having only three longer articles in the antennule.

**Key words:** Tanaidacea, Andaman Sea, Bay of Bengal, *Konarus*, *Triparatanais*, *Zeuxo*

### Introduction

While there has been some history of tanaidacean study in the waters of the northern and northeastern Indian Ocean (e.g. Stebbing, 1905; Chilton, 1924; 1926; Balasubrahmanyam, 1962; Băcescu, 1981; Bamber *et al.*, 1997; 2002), almost all deal with members of the suborder Apseudomorpha. The only publications dealing specifically with species from the Andaman Sea were those of Larsen (2002), who described a new species of *Curtipleon* Băcescu, and Larsen and Rayment (2002), who described two new species of *Leptochelia* Dana, while alluding to a large collection of material from the coast of Thailand, including other tanaidomorph and apseudomorph species.

The present paper is the first to deal with tanaidaceans from the coasts of the Andaman Islands (Andaman Sea, Bay of Bengal), from specimens collected from littoral algae on the shores of South Andaman. Three species are reported, including the leptocheliid *Konarus crassicornis* (Stebbing, 1905), originally described from the Gulf of Mannar (between the southeastern tip of India and the west coast of Sri Lanka), and rediscovered and redescribed herein. In addition we describe two new species, one of the tanaid genus *Zeuxo* Templeton, representing the first anatanaid to be recorded from the region, and one paratanaid of a new genus, it being the first paratanaid to be described with only three longer articles in the antennule. Sympatric material of a species of *Leptochelia* will be dealt with elsewhere.

Morphological terminology follows that of Bamber *et al.* (2009). Measurements were made axially, dorsally on the body, laterally on the pereopods, etc. The higher taxonomy is based on that of Guțu and Sieg (1999).

Type and voucher material has been lodged at the National Museum of Wales, Cardiff (NMW).

### Systematics

#### Order TANAIIDACEA Dana, 1849