



***Taraxapseudes* n. gen., *Taraxapseudes diversus* (Lang, 1968) n. comb. and two new species of *Atlantapseudes* Băcescu, 1978 (Tanaidacea: Apseudidae) from Brazil and Madagascar, with a key for the genus**

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Abstract

Taraxapseudes n. gen. is proposed with the type and only described species, *Taraxapseudes diversus* (Lang, 1968) n. comb. The genus *Atlantapseudes* is rediagnosed and emended, excluding *Atlantapseudes diversus* (Lang, 1968) from the genus. *Atlantapseudes* Băcescu, 1978 is reported for the first time from Brazil and Madagascar. *Atlantapseudes brasiliensis* sp. nov. and *Atlantapseudes madagascariensis* sp. nov. are described in the present paper. *Atlantapseudes brasiliensis* can be distinguished from the other species in the genus by the presence of curved spiniform apophyses on the posterior margins of pereonites 1–3. *Atlantapseudes madagascariensis* was found to have a long antennal squama reaching nearly to the fourth article and a carapace with a lateral apophysis bordered by two setae. A key to species of *Atlantapseudes* is provided along with a table to facilitate identification.

Resumo

Taraxapseudes n. gen. é proposto somente com a espécie tipo descrita, *Taraxapseudes diversus* (Lang, 1968) n. comb. O gênero tem sua diagnose refeita e corrigida, excluindo *Atlantapseudes diversus* (Lang, 1968) do gênero. *Atlantapseudes* Băcescu, 1978 é registrado pela primeira vez no Brasil e em Madagascar. *Atlantapseudes brasiliensis* sp. nov. and *Atlantapseudes madagascariensis* sp. nov. são descritas no presente trabalho. *Atlantapseudes brasiliensis* pode ser distinguida das demais espécies do gênero pela presença de apófises espiniformes curvas na margem posterior dos pereonitos 1–3. *Atlantapseudes madagascariensis* possui longa escama na antena quase alcançando o quarto artículo e a carapaça com apófise lateral com duas cerdas. Uma chave para espécies de *Atlantapseudes* é fornecida junto com uma tabela para facilitar a identificação.

Key words: *Taraxapseudes* n. gen., *Atlantapseudes*, Tanaidacea, Apseudidae, Brazil, Madagascar, deep sea, new species

Introduction

The genus *Atlantapseudes* was established by Băcescu (1978) based on the description of *Atlantapseudes nigrichela* from off Portugal in the northeastern Atlantic. The new genus of Apseudidae was found to have 1) a carapace with a lateral spine-like apophysis in addition to eye spines 2) a reduced antennal squama 3) an absence of exopods on the chela and pereopod 1, and 4) pleopods of normal form with multiple setae. Although Băcescu did not find chela and antennule of adult males in his species, these appendages along with the lack of pleopods in females, were reported for the Gulf of Mexico species, *Atlantapseudes lindae* Meyer