

Correspondence

A second species of the Australian water mite genus *Austrotrombella* Southcott (Acari: Hydrachnidia: Hydryphantidae)

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Abstract

From South Australia, a second species of the Australian genus *Austrotrombella* is described. It differs most noticeably from the sole known species of the genus in the number of acetabula, making an emendation of the genus diagnosis necessary.

Key words: systematics, new species, Australia

Introduction

The Australian endemic genus *Austrotrombella* was originally placed in the trombidoid family Trombellidae by Southcott (1991), but transferred by Harvey (1996) to the water mite family Hydryphantidae Piersig. Thus far, the sole species of the genus was found in South Australia. A second species of the genus has recently been found in South Australia, and is described here.

Material and methods

All type material is lodged in the South Australian Museum, Adelaide. The following abbreviations have been used: SAM = South Australian Museum; PI-PV = palp segments 1-5; I-leg-4-6 = first leg segments 4-6. Coordinates are taken from Google Earth.

Systematics

Family Hydryphantidae Piersig, 1896

Subfamily Euthyadinae K. Viets, 1931

Placed by Harvey (1996) in the subfamily Thyasinae, but this subfamily is now synonymized with the Euthyadinae (see Di Sabatino *et al.* 2010).

Genus *Austrotrombella* Southcott, 1991

Austrotrombella Southcott, 1991: 207.