

Article

A new species of *Dimidiogalumna* (Acari: Oribatida: Galumnidae) from Vietnam, including a key to all species of the genus

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Abstract

A new species of Galumnidae, *Dimidiogalumna grandjeani* **sp. nov.**, is described from bird's nest (Black-and-red Broadbill, *Cymbirhynchus macrorhynchos*) in southern Vietnam. It is the first member of this genus recorded from the Oriental Region. The new species is most similar to *D. comoroensis* Mahunka, 1994 in having the elongate notogastral porose areas *Aa*, however, it differs from the latter by the presence of four pairs of notogastral porose areas and the absence of anterior notogastral margin and ridges on anal plates. An identification key to the known species of *Dimidiogalumna* is given.

Key words: oribatid mites, new species, *Dimidiogalumna*, key, Vietnam

Introduction

Dimidiogalumna is a small oribatid mite genus of the family Galumnidae that was proposed by Engelbrecht (1972) with *Dimidiogalumna villiersensis* Engelbrecht, 1972 as type species. Currently, the genus comprises three species, which are distributed collectively in the Ethiopian and Southern Palaearctic regions: *D. azumai* Aoki, 1996 from Japan and Central China, *D. comoroensis* Mahunka, 1994 from Comoro Islands and *D. villiersensis* Engelbrecht, 1972 from the Ethiopian region.

The main purpose of this paper is to describe and illustrate a fourth species of *Dimidiogalumna*, collected from bird's nests of southern Vietnam. The new species is the first member of this genus recorded from Vietnam and the Oriental region. An identification key to the known species of *Dimidiogalumna* is given.

Our paper is a part of our continuing studies on Vietnamese oribatid mite fauna from bird's nests (Ermilov *et al.* 2013).

Materials and methods

Specimens of *Dimidiogalumna grandjeani* **sp. nov.** (holotype: female; three paratypes: one female, two males): southern Vietnam, Dong Nai Province, Dong Nai Biosphere Reserve, 11°25' N, 107°25' E, *Lagerstroemia* forest, nest of Black-and-red Broadbill (*Cymbirhynchus macrorhynchos*), June–3 July 2013, collected by Alexander E. Anichkin and Igor V. Palko.

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