

New species of palaeartic Oribotritiidae (Acari, Oribatida)

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Abstract

Seven new Palaeartic species of the oribatid mite family Oribotritiidae are described: *Oribotritia baikalica* sp. nov. from Russia, *O. shikoku* sp. nov. from Japan, *O. schusteri* sp. nov. and *O. turcica* sp. nov. from Turkey, *O. tashkentae* sp. nov. from Uzbekistan, *Maerkelotritia kirghizica* sp. nov. from Kyrgyzstan and *Indotritia tricarinata* sp. nov. from Slovenia.

Key words: new species, oribatid mites, Oribotritiidae, Palaeartic

Introduction

The aim of this paper is to give descriptions of seven new species of ptyctimous mites (Acari, Oribatida) belonging to the family Oribotritiidae. Five of the new species represent the genus *Oribotritia*, one *Maerkelotritia* and one *Indotritia*. All species come from the Asiatic and Mediterranean parts of Palaeartic Region. All types are deposited in Department of Animal Taxonomy and Ecology, Poznań (DATE) and in the Field Museum, Chicago (FM).

Methods

The specimens are preserved in alcohol. For identification the mites were macerated in lactic acid, then mounted on slides in glycerine. Observations, measurements and illustrations were made using a standard light microscope equipped with a drawing attachment. All measurements are given in micrometres. An accurate morphological description of the species of the superfamily Euphthiracaroidea can be found in Mahunka (1990), while other explanations and abbreviations are given in the sections on materials and methods of my earlier works (Niedbala 2000, 2004).