



Two new species of oppioid mites from Turkey (Acari: Oribatida)

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Abstract

Two new oppioid oribatid mites, *Moritzoppia unicarinata yozgatensis* ssp. nov. of the family Oppiidae and *Cosmogmeta ozkani* sp. nov. of the family Autognetidae are described from Turkey, using specimens collected in Yozgat Pine Grove National Park.

Key words: Oppioidea, Oppiidae, Autognetidae, Yozgat Pine Grove National Park, Turkey

Introduction

Yozgat Pine Grove National Park in Turkey was established in 1958 and is located within the borders of the Municipality of Yozgat. The black pine tree (*Pinus nigra*) grove of 265 ha is the nucleus of this area; the empty lands surrounding this area have also been added to the National Park by afforesting during the years of 1984–1986. Today, 800 ha of lands have been taken under protection and mostly consist of black pine trees and oaks (Anonymous, 1988).

Works on oribatid mites of Turkey do not mention any data on Yozgat Pine Grove National Park (Özkan *et al.* 1988, 1994). To date, there has been no report on the oppioid subgenus *Moritzoppia* (*Moritzoppia*) Subias & Rodriguez, 1988 and the genus *Cosmogmeta* Grandjean, 1960 from Turkey (Özkan *et al.* 1988, 1994; Ayyıldız 1989; Baran & Ayyıldız 2004a, b).

The genus *Moritzella* was described by Balogh (1983), with the type species, *Oppia keilbachi* Moritz, 1969, but it was an invalid name and was renamed by Subias and Rodriguez (1988) as *Moritzoppia*. So far, 15 species and 7 subspecies of the subgenus *Moritzoppia* (*Moritzoppia*) are known (Subias 2004).

The genus *Cosmogmeta* was described by Grandjean (1960) with the type species *Cosmogmeta impedita* Grandjean, 1960. The genus *Cosmogmeta* is represented by only three species (Subias 2004).

This work describes a new subspecies of *Moritzoppia unicarinata* and a new species of *Cosmogmeta*, on the basis of the materials collected from Yozgat Pine Grove National Park in Turkey.

Measurements are given in micrometers. The type materials are deposited in the Acarological Collection of the Zoological Museum, Erciyes University, Kayseri, Turkey.