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Article

Oribatid mites of the genera *Epilohmannia*, *Furcoppia* and *Unguizetes* (Acari: Oribatida: Epilohmanniidae; Astegistidae; Mochlozetidae) from Vietnam

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Abstract

Three new species of oribatid mites, *Epilohmannia crassisetosa* **sp. nov.**, *Furcoppia cattienica* **sp. nov.** and *Unguizetes asiaticus* **sp. nov.**, are described. All three are from dark loamy soil of *Lagerstroemia* forest in the Cat Tien National Park (southern Vietnam). The species *E. pallida pacifica* Aoki and *U. sphaerula* (Berlese) are newly recorded in Vietnam. Diagnostic keys to the Vietnamese species of *Epilohmannia* and *Unguizetes* are presented. *Mochlozetes atypicus* Mahunka, 1982 is reinstated in the genus *Unguizetes*.

Key words: New species, *Epilohmannia*, *Furcoppia*, *Unguizetes*, revived combination, Vietnam

Introduction

The oribatid fauna of Vietnam is poorly studied (mostly by Balogh & Mahunka 1967; Rajski & Szudrowicz 1974; Golosova 1983; Krivolutsky *et al.* 1997). More than 150 species have been identified to date (Subías 2004, online version 2011).

At present, the oribatid fauna of the southern part of Vietnam has not been investigated in detail and research has only just begun in the Cat Tien National Park (Ermilov & Anichkin 2010, 2011a-e). Below, we present the descriptions of three new species from this park, belonging to the genera *Epilohmannia* Berlese, 1910 (=*Neoepilohmannia* Bolen & McDaniel, 1989) (Epilohmanniidae), *Furcoppia* Balogh & Mahunka, 1966 (Astegistidae) and *Unguizetes* Sellnick, 1925 (=*Terrazetes* Jacot, 1936) (Mochlozetidae). We also record two species for the first time in Vietnam.

Materials and methods

Soil samples were collected in *Lagerstroemia* forest in the Cat Tien National Park (southern Vietnam) and processed using Tullgren funnels.

Specimens of the new species were cleared and temporarily mounted in lactic acid on cavity slides for the duration of the study, then stored in 70% alcohol in vials. All body measurements are presented in micrometers. Body length was measured in lateral view, from the tip of the rostrum to the posterior edge of the ventral plate, to avoid discrepancies caused by different degrees of

