



A new species of the genus *Parawenhoekia* (Acari: Chyzeriidae) from Montenegro

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Abstract

Parawenhoekia seadi n. sp. (Acari: Chyzeriidae) is described and illustrated from larvae ectoparasitic on adults of unidentified grasshoppers (Orthoptera: Acrididae) and male of *Dolycoris barbarum* (L.) (Heteroptera: Pentatomidae) from Montenegro. A key to the species of *Parawenhoekia* of the world (larva) is presented.

Key words: Acari, Chyzeriidae, new species, larva, ectoparasite, Acrididae, Montenegro

Introduction

Only one species of *Parawenhoekia* has been described hitherto (Paoli, 1937). Paoli (1937) described *P. dectici* as ectoparasite of *Decticus loudoni* Ramme, 1933 (Orthoptera: Tettigoniidae) from Italy.

In this paper we describe the larva of *Parawenhoekia seadi* sp. nov. from Montenegro. The terrestrial parasitengone fauna of Montenegro is still poorly known and the following species have been reported: *Montenegrtrombium milicae* Saboori & Pesic, 2006 (Microtrombidiidae), *Eutrombidium djorjevici* Saboori & Pesic, 2006 (Eutrombidiidae), *Arknotropium arknesianum* Haitlinger, 2007 (Trombidiidae), *Hauptmannia kotorensis* Haitlinger, 2007 and *Erythraeus budapestensis* Fain & Ripka, 1998 (Erythraeidae) (Haitlinger, 2007; Saboori & Pesic, 2006a, b, c).

Material and methods

The specimens preserved in 75% ethanol and cleared in lactophenol solution and mounted using Hoyer's medium on a glass slide. Figures were drawn using BX51 Olympus microscope equipped with drawing tube and magnification changer. Measurements were calculated using a Wild microscope.

The holotype (ARS-20070627-1a) and 4 paratypes (ARS-20070627-1c, 1e, 1f, 1h) were collected by V. Pesic ectoparasitic on unidentified Acrididae, 15 August 2004 in Piperi, Celija, Piperska, Podgorica area, Montenegro and two paratypes (ARS-20070627-1b, 1g) were collected by V. Pesic and A. Saboori on unidentified Acrididae, 7 August 2005 in Martinici village, near Danilovgrad, Podgorica area, Montenegro and one paratype (ARS-20070627-1d) was collected by V. Pesic on male of *Dolycoris baccarum* (Pentatomidae), 30 October 2004, in Kolasin village, Crkvine near river Bistrica, Montenegro. The holotype and 3 paratypes (ARS-20070627-1a, 1b, 1c, 1d) are deposited in the Acarological Collection, Zoological Museum, College of