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Description of a new species of the “*Haenydra*” lineage (Coleoptera: Hydraenidae) from the Republic of Macedonia

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Abstract

A new species of *Hydraena* Kugelann, *H. kucinici* (Coleoptera: Hydraenidae), is described from the Republic of Macedonia. Taxonomic and faunistic notes on two closely related species, *H. bosnica* Apfelbeck and *H. leonhardi* Breit, are provided.

Keywords: Coleoptera, Hydraenidae, *Hydraena*, “*Haenydra*” lineage, new species, Balkan Peninsula, Republic of Macedonia

Introduction

Almost 100 species of the so-called “*Haenydra*” lineage (sensu Jäch *et al.* 2000) of *Hydraena* s.str. Kugelann, 1794 have been described so far (see Trizzino *et al.* in press). This clade is geographically confined to the western Palearctic Region (see Ribera *et al.* 2011), the easternmost distribution limit being the Ural Mountains and Iran.

About 50 % of the species of the “*Haenydra*” lineage are narrow range endemics, being known only from a single country, a single small mountain range or even a single mountain (see Audisio *et al.* 1996, Ribera *et al.* 2011, Trizzino *et al.* 2011a, b, Trizzino *et al.* 2012).

Entomologically, the Republic of Macedonia has so far been rather poorly studied. Our knowledge of the Macedonian “*Haenydra*” fauna is based largely on Pretner (1970), who provided a short review on the “*Haenydra*” species of Yugoslavia. His review included three Macedonian species: *Hydraena excisa* Kiesenwetter, 1849, *H. gracilis* Germar, 1824 and *H. subintegra* Ganglbauer, 1901 (under the name *H. homogyna* Apfelbeck, 1909). Since then four other species have been added to the Macedonian fauna by Jäch (2004): *H. dalmatina* Ganglbauer, 1901, *H. phallica* Orchymont, 1930, *H. saga* Orchymont, 1930, and *H. vedrasi* Orchymont, 1931.

During an excursion to the Republic of Macedonia, a new species of the “*Haenydra*” lineage was collected by the first author in 2010. This species is described below, and some taxonomic and faunistic notes on closely related species are provided.

Material and methods

All line drawings were made using a drawing tube attached to an Olympus CX21 and Adobe Illustrator (Adobe Creative Suite 4 Master Collection). The digital photographs of the specimens were taken with a Leica DFC4590 camera attached to a Leica MZ16 binocular microscope with the help of 1st Leica Application Suite V3 with Zerene Stacker. Afterwards, photographs were arranged in Photoshop (Adobe Creative Suite 4 Master Collection). Specimens were killed in 80 % ethanol in the field.