



Description of *Hydraena* (s.str.) *tekmanensis* (Coleoptera: Hydraenidae) from northeastern Turkey

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Abstract

Hydraena (s.str.) *tekmanensis* sp. n. is described from northeastern Turkey (Erzincan and Erzurum Provinces). It is tentatively assigned to the *H. rufipes* group (*H. eichleri* complex).

Key words: Coleoptera, Hydraenidae, *Hydraena* s.str., *Hydraena tekmanensis*, taxonomy, Turkey

Introduction

More than 200 species of Hydraenidae have been recorded from Turkey so far. More than 50 % of these, i.e. about 110 species, belong to the cosmopolitan genus *Hydraena* Kugelann, 1794. Seventy-seven species of *Hydraena* are known to be endemic in Turkey. The percentage of endemic species is going to increase in the future, because additional new endemic taxa are continuously being discovered (see e.g. Jäch & Kasapoğlu 2006).

The new species described herein was collected independently by two Turkish biodiversity researchers, namely by Ahmet Kasapoğlu (then affiliated to Atatürk University, Ağrı, Turkey) in 2000 and by M. Darılmaz (Aksaray University, Turkey) in 2007.

This description is based partly on the PhD thesis of Ahmet Kasapoğlu.

Hydraena (s.str.) *tekmanensis* Jäch, Skale & Kasapoğlu sp. n.

Type locality. Small stream, ca. 1900 m a.s.l., 15 km NNW Tekman, Erzurum Province, northeastern Turkey.

Type material. Holotype ♂ (Vienna Natural History Museum): “TR: ERZURUM ca. 15 km NNW Tekman, leg. A. Kasapoğlu and Ö. K. Erman, 07.10.2000“. Paratypes: 1 ♂, same locality data as holotype (Vienna Natural History Museum); 7 ♂♂, 4 ♀♀ (Vienna Natural History Museum: 5 ♂♂, 3 ♀♀; Coll. Andre Skale: 1 ♂, 1 ♀; Zoological Museum, Atatürk University, Erzurum: 1 ♂): “TURKEY Erzincan Prov.- Kemaliye, Tasyolu [=Taşyolu] 03.06.2007, leg. M.Darılmaz (M6)”.

Description. Male 2.20–2.50 mm, female 2.25–2.35 mm long. Habitus of male as in Fig. 1. Black, appendages yellowish to reddish brown, tips of palpi rather distinctly darkened subapically. Pronotal disc usually glabrous between punctures. Elytra elongate, subparallel-sided; elytral striae (15) mostly regular, densely arranged; punctures star-shaped; explanate margins not wide, not reaching apex; apices separately rounded. Metaventral plaques well developed. Legs of male strongly modified.

Aedeagus (Figs. 2a–e). Main piece ca. 460 µm long; in lateral view strongly curved subbasally, subapically distinctly hump-backed, apex slender; four short subapical setae on dorsal side just between dorsal hump and distal lobe, and two longer setae at apex. In ventral view, main piece straight, right side evenly widening into dorso-ventrally flattened appendage with rounded apex, terminating subapically. Phallobase strongly asymmetrical. Distal