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A new species of the *Hydraena* (*Haenydra*) *excisa*-complex from Turkey (Coleoptera, Hydraenidae)¹

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Abstract: A new species of *Hydraena* belonging to the *H. (Haenydra) excisa* complex from southern Turkey (Nur Mountains, Adana Province) is described and illustrated.

Key words: Hydraenidae, *Hydraena*, *Haenydra*, new species, taxonomy, Turkey.

Introduction

The material treated in the present paper, including the holotype of the new species described herein, was collected by the authors during several entomological-hydrobiological expeditions to Turkey organized separately in the last decade by the Natural History Museum, Vienna, and by the Department of Animal and Human Biology of the First Rome University. The knowledge on the taxonomy, ecology and geographic distribution of the Turkish Hydraenidae has increased rapidly, allowing the description or the reinterpretation of several new or little-known species, mostly belonging to the large genus *Hydraena* s. l. (JÄCH, 1988a, 1988b, 1992). We are confident that a general zoogeography of the Turkish river basins, based on the distribution of the Hydraenid beetles (previously very poorly known), could be drawn in the very next years; however, the new taxon here described repre-

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sents the 93rd species of Turkish *Hydraena* (s.l.) so far known, a number already largely exceeding that of any other country in the world.

***Haenydra akbesiana* n. sp.**

Type material: Holotype, ♂, Turkey, Adana Province, Nur Dag (Amanus Mountains), small stream crossing the Osmaniye-Yarpuz road, about 5 km west of Yarpuz, 1000 m, 13.6.1986, P. Audisio leg. (coll. Audisio, Rome University).

Diagnosis: Length 2,1 mm, width (elytral) 0,73 mm. General habitus as in Fig. 1; colouration (body blackish-brown with maxillary palpi and legs yellowish), structures of surface (punctuation, striation of elytra) as in other Turkish species of the genus (*H. integra* PRETNER, *H. cata* D'ORCHYMONT, etc.).

Explanate margin of elytra not very wide (Fig. 1).

Male (Fig. 1): structure of legs with middle tibia straight, not emarginate in distal half, bearing ca. 7-8 small denticles along the inner margin, hind tibia straight, simple, with long hairs along inner margin. Elytra moderately long, apically truncate, with only a very small sutural excision.

Male genitalia as in Figs. 4-5; moderately long, the main piece resembling that of the north Anatolian *H. integra* PRETNER (Figs. 6-7) and some other closely related Greek species; distal lobe somewhat complicate, rounded, similar to that of *H. cata* from NW Turkey (Figs. 2-3), but smaller and more slender.

Female: unknown.

Distribution: So far known only from the type locality in southern Turkey, but probably more widely distributed along the chain of the Amanus Mountains.

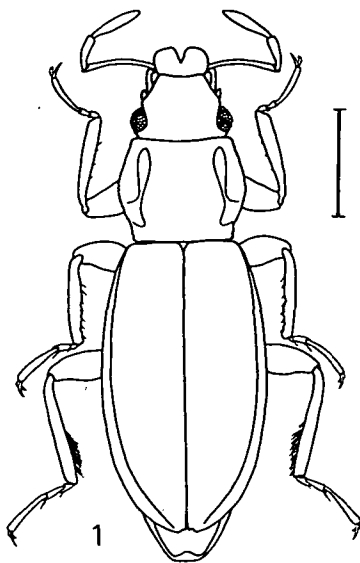


Fig. 1: Habitus of *Hydraena* (*Haenydra*) *akbesiana* n. sp. ♂ holotype from Turkey, Adana Province, Yarpuz. Scale bar: 0,45 mm.

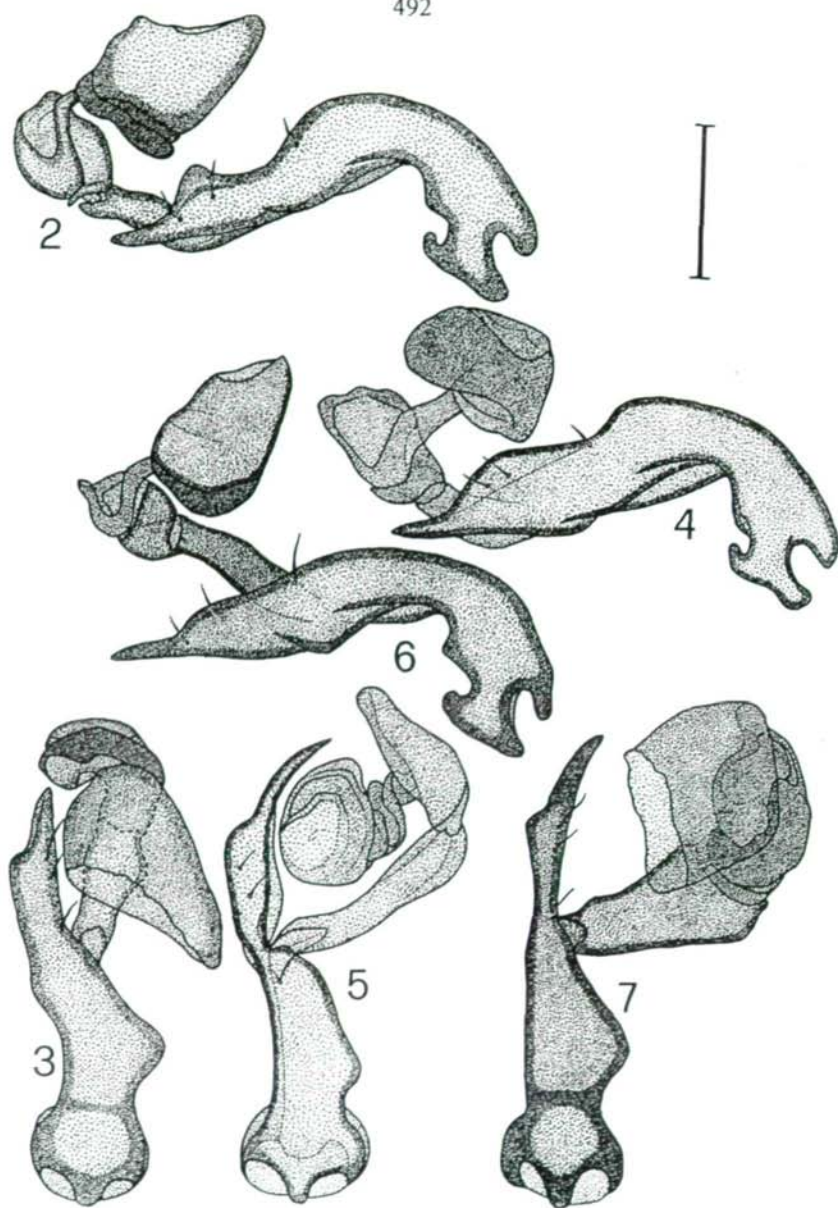
E t y m o l o g y : The name refers to the "Akbés region", the ancient name of the Amanus Mountains area.

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Figs. 2-7: Male genitalia in lateral (2, 4, 6) and dorsal (3, 5, 7) view of *Hydraena* (*Haenydra*) spp.: *H. cata* D'ORCHYMONT from Turkey, Çanakkale Province, Kalkım (2-3), *H. akbesiana* n. sp., ♂ holotype from Turkey, Adana Province, Yarpuz (4-5); *H. integra* PRETNER from Turkey, Artvin Province, Borçka (6-7). Scale bar: 0,2 mm.

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