



New species of the genus *Glyphobothrus* Raffray, 1904 (Coleoptera: Staphylinidae: Pselaphinae) from Turkey

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Abstract

A new species of the tribe Bythinini, *Glyphobothrus anatolicus* Hlaváč & Brachat **sp. nov.** from the province Zonguldak, Turkey is described.

Key words: Coleoptera, Staphylinidae, Pselaphinae, Bythinini, *Glyphobothrus*, taxonomy, new species, Turkey

Introduction

Glyphobothrus Raffray, 1904 is a peculiar genus of the tribe Bythinini that resembles *Tychobothrus* Ganglbauer, 1896, but together with *Bythinus* Leach, 1817, it shows a male sexual character (a fovea) on the dorsal surface of the palpomere IV. The genus includes eight species and three subspecies and its known distribution is restricted to the western Mediterranean region in France (Alpes Maritimes and Var) and in Italy (Liguria and Toscana) (Löbl & Besuchet 2004). The genus was a subject of two detailed studies (Jeannel 1950, Besuchet 1960). A discovery of a new species in Turkey by the second author significantly extends the range of the genus to the east (over 1000 km) and demonstrates our still unsatisfactory knowledge of the western Palearctic Pselaphinae fauna.

Material and methods

Specimens prepared for morphological study were examined with a Leica S8APO stereomicroscope with a diffused lighting at magnifications up to 128'. The head length was measured from the occipital constriction to the anterior margin of the frontal rostrum; the head width was measured across the eyes; the elytral length was measured along the suture. Width refers to the maximum width of each body part. The body length is a combined length of the head, pronotum, elytra, and visible part of the abdomen.

The terminology applied here follows Chandler (2001), except we use 'ventrite' instead of 'sternite' when discussing thoracic structures.

The material is deposited in the collection of the National Museum, Prague, Czech Republic (NMPC), Hope Entomological Collections, Oxford University, Oxford, United Kingdom (OUMNH) and the private collections of the authors, Peter Hlaváč (CPH) and Volker Brachat (CVB). All type specimens were provided with the following red printed label: "HOLOTYPE" or "PARATYPE", "name of the taxon n. sp.", "P. Hlaváč & V. Brachat det., 2014".

Taxonomy

Glyphobothrus Raffray, 1904

Glyphobothrus Raffray, 1904: 255. Type species: *Bythinus maritimus* Reitter, 1884 (designated by Jeannel 1950:206).



FIGURE 5. Macrohabitat of the type locality of *Glyphobothrus anatolicus* sp. nov.

Acknowledgments

We are obliged to Jonathan Cooter (Oxford, UK) for reading and commenting on the manuscript and correcting the English. We also thank to Petr Baňář for photos of habitus as well as for the arrangement of plates. This paper was supported by the grant IGA no. BO114 of the Czech University of Life Sciences Prague, Faculty of Forestry and Wood Sciences.

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