

**New species of the *Hydroporus longulus*-group
from Iran, Armenia and Turkey with a synopsis of the group
(Coleoptera: Dytiscidae)**

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Abstract. *Hydroporus jelineki* sp. nov. is described from Iran and Turkey, *H. hajeki* sp. nov. from Iran, *H. holzschuhi* sp. nov. from Turkey and *H. shaverdoae* sp. nov. from Armenia. The lectotypes of *H. jacobsoni* Zaitzev, 1927 and *H. kraatzii* Schaum, 1868 are designated. *Hydroporus libanus* Régimbart, 1901 and *H. kryshkali* Bilyashiwski, 1993 are also included in the study, since they are similar to some of the new species and almost unknown in the literature; their original descriptions are translated from Latin and Ukrainian, respectively. Except *H. kraatzii*, the above-mentioned species are externally rather similar, and only the males can be distinguished with certainty by the shape of their aedeagi, which are figured along with the female genitalia of five species. All these species belong to the *longulus*-group of *Hydroporus* Clairville, 1806, the members of which were treated as belonging to the subgenus *Sternoporus* Falkenström, 1930 until not long ago. Some historical notes on the classification of the *longulus*-group members and, additionally, on that of the *H. memnonius*- and the *H. neglectus*-group members are provided. A synopsis of the *H. longulus*-group is also given, the total number of its members now increasing from 23 to 27. Finally, some general notes on the habitats of the *H. longulus*-group members are provided.

Key words. Coleoptera, Dytiscidae, *Hydroporus*, *longulus*-group, new species, lectotype, Palaearctic Region, Armenia, Georgia, Iran, Lebanon, Russia, Turkey

Introduction

Shortly after the description of five new species of the *H. longulus*-group of the genus *Hydroporus* Clairville, 1806 from Turkey (FERY & ERMAN 2009), further four new species of that group can be communicated. This is possible not only because more material became available in the meantime, but in particular because the identity of *Hydroporus jacobsoni*