

**New and little known species of *Hydroglyphus*
(Coleoptera: Dytiscidae) from Arabia
and adjacent areas**

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Abstract. *Hydroglyphus sinuspersicus* sp. nov. is described from the United Arab Emirates, Oman and Iran. It is very similar to *H. major* (Sharp, 1882). *Hydroglyphus gujaratensis* (Vazirani, 1973) known previously only from Gujarat (India) is redescribed, based on recently collected material from Rajasthan (India), Iran and Oman. The first national records are given for *Hydroglyphus major* from Libya and for *H. infirmus* (Boheman, 1848) from Oman and Yemen.

Keywords. Dytiscidae, *Hydroglyphus*, description, new species, new records, Oriental Region, Palaearctic Region, India, Iran, Libya, Oman, United Arab Emirates, Yemen.

Introduction

The genus *Hydroglyphus* Motschulsky, 1853 of the tribe Bidessini includes 87 species from the Old World (NILSSON 2001). Most species occur in the tropics of Africa, Asia and Australia. The genus is well characterised by the absence of transverse cervical line, three-segmented parameres, and well-developed sutural line of elytra (BISTRÖM 1988). BISTRÖM (1986) published a review of the African species, including also species from the Arabian Peninsula. Subsequently, WEWALKA (2004) described an additional species from Socotra Island, Yemen. The Oriental fauna remains unrevised except the Indian species that were treated by VAZIRANI (1969).

During our studies of the fauna of predaceous diving beetles of the Arabian Peninsula and adjacent areas, we have found a number of specimens of two peculiar species of *Hydroglyphus*, which we could not identify. One of them represents a new species, and we describe it below, while literature search revealed that the second species fits completely the description of