



Discovery of *Shamshevia* Grichanov in the Oriental Region (Diptera: Dolichopodidae)

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Abstract

The formerly Afrotropical genus *Shamshevia* Grichanov, 2012, is recorded from the Oriental Region for the first time. Description of a new species *Shamshevia reshchikovi* **sp. nov.** from India is provided. A modified diagnosis of the genus is compiled.

Key words: Oriental Region, India, Diptera, Dolichopodidae, *Shamshevia*, new species

Introduction

The genus *Shamshevia* Grichanov, 2012 was described from Namibia to accommodate a single species, *S. hoanibensis* Grichanov. Despite flattened posterior mesonotum, the genus was placed in the subfamily Diaphorinae, sharing most of the hypopygial structures with *Aphasmaphleps* Grichanov, *Asyndetus* Loew, *Chrysotus* Meigen, *Cryptophleps* Lichtwardt and *Diaphorus* Meigen (Grichanov 2012a, b). In the Old World Diaphorinae, only the Oriental *Terpsimyia* Dyte has a flattened posterior mesonotum, but otherwise strongly differs from *Shamshevia* in the morphology of the face, antenna and wing, the absence of propleural bristles, and in the ornamentation of male legs and abdomen (see Grootaert & Meuffels 1999).

The last keys to the Oriental, Afrotropical and Palearctic genera of Diaphorinae were provided by Yang et al. (2011), Grichanov (2011) and Grichanov et al. (2011). Bickel (2009) compiled a key to New World dolichopodid (including diaphorine) genera. An Australasian endemic *Phasmaphleps* Bickel was included in the keys by Bickel (2005) and Grichanov (2011). The complex set of characters listed below under the generic diagnosis supports the generic status of the *Shamshevia*.

To date *S. hoanibensis* is known only from three localities in the Namib Desert (Hoanib River, Huab River and Brandberg env.). Treating recent collections from India (Goa), I found an additional undescribed species of *Shamshevia*, representing the first record of the genus from the Oriental Region.

Material and methods

The holotype of the new species is housed at the Zoological Institute of the Russian Academy of Sciences, St. Petersburg (ZIN). *Shamshevia reshchikovi* Grichanov **sp. nov.** was studied and illustrated with a Zeiss Discovery V-12 stereomicroscope and an AxioCam MRc5 camera. Morphological terminology and abbreviations follow Cumming & Wood (2009). The relative lengths of the podomeres should be regarded as representative ratios and not measurements. Body length is measured from the base of the antenna to the tip of abdominal segment 8. Wing length is measured from the base to the wing apex. Figure 4 shows the male genitalia in lateral view and is oriented as it appears on the intact specimen, with the morphologically ventral surface of the genitalia facing up, dorsal surface down, anterior end facing right and posterior end facing left.