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Contribution to the faunistics of shore bugs (Hemiptera: Heteroptera: Leptopodomorpha) in the Palaearctic Region and the Himalayas

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Abstract

New distributional data on 33 species of the infraorder Leptopodomorpha (3 species of the family Leptopodidae and 30 species and subspecies of Saldidae) from the Palaearctic Region and Himalayas are provided. The following new or confirmed records are listed: *Chartoscirta cocksii* (Curtis, 1835) from Kosovo; *Halosalda halophila* (Jakovlev, 1876), *Saldula amplicollis* (Reuter, 1891) and *Saldula xanthochila* (Fieber, 1859) from Iran; *Macrosaldula jakowleffi* (Reuter, 1891) from Nepal and Pakistan; *Macrosaldula scotica* (Curtis, 1835) from Uzbekistan; *Macrosaldula variabilis* (Herrich-Schaeffer, 1835), *Saldula lindskogi* Vinokurov, 2004, *Saldula opacula* (Zetterstedt, 1838) from Afghanistan; *Micracanthia ornatula* (Reuter, 1881) from Oman; *Saldula fucicola* (J. Sahlberg, 1870) from Bosnia and Herzegovina and Bulgaria; *Saldula lindbergi* Lindskog, 1975 from Lebanon; *Saldula melanoscela* (Fieber, 1859) from Iran and Montenegro; *Saldula palustris* (Douglas, 1874) and *Saldula pilosella hirsuta* (Reuter, 1888) from Montenegro; *Saldula orthochila* (Fieber, 1859) from Afghanistan and Pakistan; *Saldula pallipes* (Fabricius, 1794) from Montenegro and Nepal; *Saldula pilosella pilosella* (Thomson, 1871) from Libya; and *Saldula saltatoria* (Linnaeus, 1758) from Iran and Nepal. A tabular checklist of Leptopodomorpha of Afghanistan, Iran and Pakistan is also provided.

Key words: Heteroptera, Leptopodidae, Saldidae, new synonym, new records, faunistics, Himalaya, Palaearctic Region

Introduction

In the past two decades (since Lindskog 1995) a considerable improvement in our knowledge of the taxonomy and distribution of Leptopodomorpha in the Palaearctic Region and Himalayas has been achieved, including several revisions, descriptions of new species, and identification keys (Linnavuori & van Harten 2002; Linnavuori & Hosseini 2000; Luo & Vinokurov 2011; Vinokurov 2004a,b,c, 2005a, 2007, 2008, 2009, 2010, 2012a,b, 2013, 2014a,b,c, 2015; Vinokurov *et al.* 2012), catalogues (Protić 1998, Vinokurov *et al.* 2010, Fent *et al.* 2011, Aukema *et al.* 2013, Ghahari *et al.* 2013) and faunistic papers including new country records (e.g., Baužys 2013; Carapezza 1997; Chen 1996; Coulianos 2005; Cuesta Segura *et al.* 2010; Ferenc *et al.* 2014; Gogala 2003; Günther & Strauß 2006; Heiss & Faraci 2014; Li *et al.* 2008; Linnavuori 1998, 2004, 2009; Linnavuori *et al.* 2011; Linnavuori & Modarres 1998; Polhemus & Polhemus 2012; Protić 2009; Vinokurov 2005b, 2006; Sakenin *et al.* 2011; Samin *et al.* 2011; Yamazaki & Sugiura 2014). In this contribution we summarize number of miscellaneous records from various countries of the Palaearctic Region and Himalayas, representing many new or confirmed country or provincial records. A tabular checklist of Leptopodomorpha of Afghanistan, Iran and Pakistan is given.

Material and methods

The identification of the localities was facilitated by and additional data on collecting sites were excerpted from the published expedition itineraries by Hoberlandt (1974, 1981, 1983a) for the Czechoslovak-Iranian expeditions to Iran, and Klapperich (1954) and Jakeš & Povolný (1967) and for the particular expeditions to Afghanistan.