

Two interesting records of millipedes (Diplopoda) from near Borjomi, Georgia

Две интересные находки двупарноногих многоножек (Diplopoda) близ Боржоми (Грузия)

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КЛЮЧЕВЫЕ СЛОВА: Polydesmida, *Polydesmus abchasius*, Julida, *Julus lindholmi*, новые находки.

ABSTRACT. *Polydesmus abchasius* Attems, 1898 and *Julus lindholmi* Lohmander, 1936, both found recently near Borjomi, central Georgia, currently represent the southeasternmost records of the genera *Polydesmus* Latreille, 1803, subgenus *Polydesmus* s.str., and *Julus* Linnaeus, 1758, and of both these widespread, endemic, Caucasian millipede species.

РЕЗЮМЕ. *Polydesmus abchasius* Attems, 1898 и *Julus lindholmi* Lohmander, 1936, недавно найденные близ Боржоми (Центральная Грузия), пока представляют собой самые юго-восточные находки как родов *Polydesmus* Latreille, 1803, подрод *Polydesmus* s.str., и *Julus* Linnaeus, 1758, так и этих широкораспространенных эндемичных кавказских видов диплопод.

Introduction

The millipede fauna of Georgia, Caucasus is known to be remarkably rich and diverse in the entire Caucasian region, presently amounting to 103 species from 44 genera, 12 families, and seven orders [Kokhia, Golovatch, 2020]. Most of the Diplopoda known from Georgia (86 species, or 83%) demonstrate Caucasian distribution patterns, 36 and 46 species, as well as eight and nine genera being endemic or subendemic to the country, respectively.

Prompted by the recent discovery by one of us (MSK) of two interesting millipede species near Bor-

jomi, central Georgia, we put them on record below, because both currently represent the southeasternmost range limits of the genera *Polydesmus* Latreille, 1803 and *Julus* Linnaeus, 1758, and of *Polydesmus abchasius* Attems, 1898 and *Julus lindholmi* Lohmander, 1936, both widespread, endemic, Caucasian millipedes.

The new samples have been deposited in the collection of the Zoological Museum, Moscow State University (ZMUM), Russia.

Taxonomic part

Polydesmus abchasius Attems, 1898

MATERIAL. 1 ♀ (ZMUM), Georgia, Borjomi, National Park, in litter, 30.X.2019, M.S. Kokhia leg.

REMARKS. The whole family Polydesmidae, including this easily recognizable species (usually intense red, with particularly broad and upturned paraterga), has recently been reviewed in the scope of the entire Caucasian fauna [Golovatch et al., 2016]. The species has hitherto been recorded only from the western Caucasus within the Krasnodar Province, Abkhazia and western Georgia. Above is thus the first report of *P. abchasius* from central Georgia, apparently the species' southeasternmost range limit. The same concerns *Polydesmus* s.str., a group of only rather few Euro-Mediterranean species.

Julus lindholmi Lohmander, 1936

MATERIAL. 3 ♂♂, 6 ♀♀ (ZMUM), Georgia, Borjomi, National Park, in litter, 30.X.2019, M.S. Kokhia leg.

REMARKS. The whole genus *Julus* Linnaeus, 1758, including *J. lindholmi*, has recently been reviewed in the

scope of the entire Caucasian fauna [Evsyukov et al., 2018]. The species has hitherto been recorded only from the north-western Caucasus within the Stavropol Province, Karachaevo-Cherkessia (both Russia), Abkhazia and Svanetia (Georgia). Above is thus the first report of *J. lindholmi* from central Georgia, apparently the species' southeasternmost range limit as well.

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