



New data on millipedes of the family Julidae (Diplopoda, Julida) from Altai, Siberia

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Abstract

Sibiriulus altaicus Gulička, 1972 is redescribed based upon topotype material. The species *Megaphyllum sjaelandicum* (Meinert, 1868) is recorded in the fauna of Siberia for the first time. Remarks are provided for the two species encountered and *Sibiriulus multinicus* Mikhaljova, 2001, including notes on the variation of two latter species. All three species of the genus *Sibiriulus* Gulička, 1963 are keyed.

Key words: Diplopoda, Julida, *Sibiriulus*, *Megaphyllum*, redescription, new record, variation, key, Russia

Introduction

The main information on the millipede fauna of Altai can be obtained from a review covering the diplopods of the Asian part of Russia (Mikhaljova 2004). However, despite all recent progress, the millipedes of Altai Mountains is relatively poorly investigated. Several Altai julidans have hitherto remained among species requiring confirmation of their taxonomic status and an adequate redescription. The present paper largely focuses on the solution of some such problems and descriptions of the intraspecific variability.

Materials treated here are deposited in Russia in the collections of the Tomsk Agricultural Institute (TAI), Tomsk, the Institute of Biology and Soil Science of the Russian Academy of Sciences (IBSS), Vladivostok, and the Perm State University (PSU), Perm.

Species names include the literature references for Siberia only.

Taxonomy

Sibiriulus altaicus Gulička, 1972

Figs. 1–6

Cylindroiulus (*Sibiriulus*) *altaicus* Gulička 1972: 43–44, 44: fig. 5: 2.

Sibiriulus altaicus - Lokšina & Golovatch 1979: 387; Mikhaljova 1993: 13; Mikhaljova & Golovatch 2001: 106; Mikhaljova 2004: 75, 75: fig. 125, 74: map 9.

Material examined (all from Russia, Siberia, Republic of Altai, Ulagan District, environs of Teletskoe Lake, Altaisky State Nature Reserve, near cordon Chiri, mouth of Kyga River, 20 numbered sites at different alti-