



## A new species and new records of millipedes of the family Diplomaragnidae (Diplopoda, Chordeumatida) from Altai

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### Abstract

*Altajosoma corniferum* sp. n. is described from the Republic of Altai, Siberia, Russia. The new species differs from congeners mainly by the large, horn-shaped lateral sheath processes of the posterior gonopod colpocoxites. New faunistic records for Altai are given for other species of the family Diplomaragnidae. All currently known members of Diplomaragnidae from Altai are keyed, including the new species.

**Key words:** Diplopoda, Diplomaragnidae, new species, fauna, key, Altai, Siberia, Russia

### Introduction

The first records of millipedes in Altai were published by Gulička (1972), who described new taxa. Some taxonomical and faunistic information concerning millipedes from Altai is contained in later works (Golovatch 1977; Enghoff 1985; Shear 1990; Mikhailjova 1993). More or less regular faunistic, taxonomic and ecological studies of the Altai millipedes have begun since the close of the twentieth century, with the descriptions of new taxa and redescriptions of dubious taxa (Mikhailjova 2000; Mikhailjova & Golovatch 2001; Mikhailjova, Nefediev & Nefedieva 2007). Also, new faunistic records have been registered (Nefediev 2001; Mikhailjova & Nefediev 2003). The latest list of the Diplopoda of the Asian part of Russia contains 17 species and 3 subspecies recorded in Altai (Mikhailjova 2004). However, despite all recent progress, knowledge of the millipede fauna of Altai is still incomplete and fragmentary.

The material treated here has been deposited in the collection of the Institute of Biology and Soil Science, Far Eastern Branch of the Russian Academy of Sciences (IBSS), Vladivostok, Russia, and in the collection of the second and third authors (CN). Species names include all literature references for the Altai and other regions.

### *Altajosoma corniferum* sp.n.

Figs 1–3

*Material examined: Holotype:* 1 male (IBSS), Russia, Republic of Altai, Ongudai District, Seminskii Pass, forest (*Pinus sibirica*), 1,800 m a.s.l., collected 15 August 2005 by A.S. Babenko.