

New species of the genus *Hyleoglomeris* from Korea (Diplopoda: Glomerida: Glomeridae)

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Abstract

Five new species of the millipede genus *Hyleoglomeris* Verhoeff, 1910 (Glomeridae) are described from South Korea: *Hyleoglomeris unicolorata* sp. n., *H. buana* sp. n., *H. obscura* sp. n., *H. confragosa* sp. n. and *H. alutacea* sp. n. Several earlier misidentifications are corrected. All currently known *Hyleoglomeris* species from Korea are keyed, including new species.

Key words: South Korea, myriapoda, Diplopoda, *Hyleoglomeris*, new species, descriptions, key

Introduction

Present knowledge of the widespread, primarily Asian millipede genus *Hyleoglomeris* Verhoeff, 1910 of Korea is based on a few papers (Golovatch 1978, 1981; Lim *et al.* 1992; Mikhailjova & Kim 1993; Kim & Lim 1995a, b; Mikhailjova *et al.* 2000; Mikhailjova & Lim 2000; Lim 2001), with two identified species. Also, several unidentified *Hyleoglomeris* forms have been reported from South Korea (Paik 1960, 1963; Lim 1988). The latest review of the genus *Hyleoglomeris* (Golovatch *et al.* in press) refers to no fewer than 64 species.

The small material of Korean *Hyleoglomeris* collected by the second author appears to be particularly important, for it contains species new to science. The present paper deals with their description and the correction of several earlier misidentifications. In addition, all six species of *Hyleoglomeris* currently known from Korea are keyed.

Most of the type material treated below is kept in the collection of the Chonbuk National University, Jeonju, Republic of Korea (ChNU), while a few duplicates have been deposited in the Zoological Museum of the State University of Moscow, Russia (ZMUM), as indicated hereafter.