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New record of the genus *Caputanurina* Lee, 1983 (Collembola: Neanuridae) from China, with description of a new species

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Abstract

Caputanurina sinensis, a new species from Anshan city, Liaoning Province, Northeast China, is described in the present paper. A key to the species of the genus *Caputanurina* is provided.

Key words: Collembola, *Caputanurina*, new species, China

Introduction

The genus *Caputanurina* was established by Lee (1983), and redescribed by Najt and Weiner (1992). It belongs to the subfamily Caputanurinae created by Lee for two South Korean species with extraordinary characters: the fusion of thorax with the base of the head, the displacement of the head, anteriorly, and of the abdominal segments, posteriorly, resulting in a pronounced cryptophthalmy and distinct cryptopygy, and the cuticule exhibits strong tegumental granulation. All species in genus *Caputanurina* are characterized by the head with a V-like stitch along whole vertex (with one exception *Caputanurina intermedia*), the abdomen V inverted V-like, eyes in the dorsolateral or lateral position, the postantennal organ in the lateroventral or ventral position, the habitus dorsally flattened with the very strong dorsal reticulation. There are four North Korean species and one South Korean species in the genus *Caputanurina*. The present paper reports a new species from China.

Abbreviations

Abdominal segments I, II, III, IV,V, VI—abd.I,II,III,IV,V,VI; antennal segments I, II, III, IV—ant.I,II,III,IV.

Taxonomy

Caputanurina sinensis sp. nov.
(Figs.1–12)

Type material. Holotype female, from the deciduous-conifer mixed forest of Mt. Qianshan, 41°05'N, 123°27' E, 190 m altitude, Anshan city, Liaoning Province, Northeast China, collected by Mr. Rongdong Xie and Mr.

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