



Two new species of the genus *Baculentulus* from the Russian Far East (Protura: Acerentomidae, Berberentulinae)

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Abstract

Baculentulus pomorskii sp. nov. and *B. potapovi* sp. nov. are described from the Russian Far East. *Baculentulus pomorskii* sp. nov. is characterized by presence of an additional seta on the head and seta *Pl*₁ on tergites I–VII, very long foretarsal sensillum *a*, sensillum *b* shorter than *c* and *d*, long sensillum *e* and slender sensillum *a'*. *Berberentulus potapovi* sp. nov. is characterized by absence of any additional setae on the head, presence of seta *Pl*₁ on tergites I–VII, number of *A*-setae on the tergites, and a unique seta-complex on male squama genitalis.

Key words: Protura, chaetotaxy, porotaxy, Russia, Far East

Introduction

The genus *Baculentulus* Tuxen, 1977 contains 36 species distributed throughout the world (Szeptycki 2007; Wu & Yin 2008; Nakamura & Linkhitrakarn 2009). However, only 2 species have hitherto been reported from the Russian Far East: *B. borealis* Nakamura, 2004 and *B. loxoglenus* Yin, 1980 (Nakamura 2004). The present paper contains the description of two new species from this area.

Baculentulus pomorskii sp. nov.

Figs. 1–17, Table 1

Material examined. Holotype male (slide 20.1), soil and litter near roots, mixed forest, 43°01'N 133°00'E, Chondalaz Range, between Nakhodka and Partizansk, Partizansky area, Primorski Krai, Russia, 26. IX. 2004, coll. R. J. Pomorski. Four paratype females (slides 20.2, 6603), same data as holotype; female (slide 6604), touchwood of cedar, 43°06'N 132°49'E, Khualaza Mt., 1000 m elev., Anisimovka, Livadiysky Range, Shkotovsky area, Primorski Krai, Russia, 18. IX. 2004, coll. R. J. Pomorski; female (slide 20.3), soil and litter, mixed forest, 43°06'N 131°32'E, Kiedrovaya Pad', Barabash, Khasansky area, Primorski Krai, Russia, 29. IX. 2004, coll. R. J. Pomorski.

The holotype (slide 20.1) and one paratype female (slide 20.2) are deposited in the collection of the State Museum of Natural History of the National Academy of Sciences of Ukraine, L'viv (SMNH). One paratype female (slide 20.3) is deposited in the collection of M. Potapov, and two female paratypes (slides 6603 and 6604) are deposited in the collection of the Institute of Systematics and Evolution of Animals of the Polish Academy of Sciences, Kraków, Poland (ISEA). All specimens are mounted as microscopic slides in the medium of Faure (Dunger & Fiedler 1989).

Description. Head setae short, anteropseudocular (*ap*), postpseudocular (*pp*) and additional (*a*) setae present (Fig. 1); *pp* and *ls* setae sensillum-like. Pseudoculus round, with distinct short posterior extension, PR