



Nipponentomon jaceki sp. nov. from the Russian Far East (Protura: Acerentomidae, Nipponentominae)

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Abstract

Nipponentomon jaceki sp. nov. is described from the Russian Far East. This new species is characterized by a short rostrum, presence of an additional seta on the head, absence of seta *PIa* on tergite VII, and concave hind margin of comb VIII. It is similar to *N. khabarovskense* Nakamura, 2004, also from the Russian Far East, but differs in the shape of the comb and maxillary sensilla, and in the length of sensilla *e* and *g* on the foretarsus. Collection for *N. nippon* (Yoshii, 1938) also is reported from the same area.

Key words: Chaetotaxy, new species, *Nipponentomon nippon*, porotaxy, taxonomy

Introduction

The genus *Nipponentomon* Imadaté & Yosii, 1959 contains 13 species: 6 from the eastern Palearctic and 7 from North America (Szeptycki 2007; Bernard & Biechele 2008). From the Russian Far East only two species have been recorded: *N. bidentatum* Nakamura, 2004 and *N. khabarovskense* Nakamura, 2004. The present paper contains the description of a third species from this area and locality data for *Nipponentomon nippon* (Yoshii, 1938), a new record for the Russian fauna.

Nipponentomon jaceki sp. nov.

Figs. 1–27, Tables 1–2

Material examined. Type material. Holotype female (slide 18.1a), litter under *Acer* sp., mixed forest, Mt. Khualaza, 550 m elev., Anisimovka, Livadiysky Range, Shkotovsky area, Primorski Krai, Russia (43°00'15" North, 132°47'37" East), 18. IX. 2004, leg. R. J. Pomorski. Eleven paratypes (4 females, 2 males, 2 maturi juniors, 3 larvae II), same data as holotype. Additional specimens: 10 females, 7 males, 5 praeimagos, 3 maturi juniors, and 1 larva II, litter under conifers and in decaying wood, mixed forest, Khualaza Mt., 700 m elev.; 11 females, 6 males, 3 praeimagos, litter under *Alnus* and *Betula* spp., 1270 m elev.; 1 female, 1 praeimago, 1 matus junior, and 1 larva II, in litter under *Acer*, *Ulmus*, and *Fraxinus* spp., lowland deciduous forest at western end of Anisimovka, 19. IX. 2004, leg. R. J. Pomorski, M. Potapov.

Other material: 1 male, decaying wood of *Pinus koreensis*, Pidan Mt., 800 m elev., Livadiysky Range, Shkotovsky area, 20. IX. 2004, leg. M. Potapov; 1 female, decaying wood, mixed forest, Ussuriysky reserve, Ussuriysky area, 5. X. 2004, leg. M. Potapov; 1 female, soil and mosses on cliff by sea shore, Care Mramorny, Kraskino, Khasansky area, 28. IX. 2004, leg. M. Potapov; 1 male, soil near Skvoznaya cave, Chondalaz Range, between Nakhodka and Partizansk, Partizansky area, 26. IX. 2004, leg. R. J. Pomorski.