

A new species of *Orthotylus* from the Kuril Islands (Heteroptera: Miridae)

I.M. Kerzhner

Kerzhner, I.M. 1997. A new species of *Orthotylus* from the Kuril Islands (Heteroptera: Miridae). *Zoosystematica Rossica*, 5(2), 1996: 212.

Orthotylus (*Orthotylus*) *kurilensis* sp. n. from the Urup Island is described. The new species is closely related to the European *O. flavinervis* Kbm.

I.M. Kerzhner, Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St.Petersburg 190034, Russia.

Orthotylus (*Orthotylus*) *kurilensis* sp. n.

Holotype. ♂, **Russia**, Kuril Is, Urup Island, Natalie Bay, off eastern bank of Vesjolaya River, on top of large isolated hill (elevation 15 m), 6. VIII.1995, UR-95-BKU-022A (B.K. Urbain); California Academy of Sciences, San Francisco, USA.

Description. Pale green (specimen faded in alcohol), covered with semierect pale hairs. Antennal segment I black, segments II-IV brownish black. Rostral segment IV black in apical half. Apices of tibiae brownish. Tarsi brown, segment III black. Membrane blackish grey, veins yellowish brown. Head width 0.82 mm; vertex 0.32 mm wide, distinctly carinate. Length of antennal segments (in mm): I, 0.42; II, 1.70; III, 0.75; IV, 0.53. Rostrum extending slightly beyond middle coxae. Pronotum length 0.70, width 1.37 mm. Left paramere bifurcate. Right paramere with three toothed branches. Vesica not sclerotized in the specimen examined. Length 4.50, width 1.37 mm.

Comparison. The new species is closely related to *O. flavinervis* Kbm. living on *Alnus* in Europe. The latter can be distinguished by the larger size (male length 4.9-5.6 mm), yellow antennal segments II-IV, and dissimilar form and dentation of the branches of the right paramere (Fig. 5).

Acknowledgements

I am thankful to Dr B.K. Urbain of the University of Washington, Seattle, for sending me for identification an interesting sample of Heteroptera from the Kuril Islands. The work described here was supported in part by the Biological Sciences Directorate (Biotic Surveys and Inventories Program) and the International Program Division of the U.S. National Science Foundation, grant numbers DEB-9400821 and DEB-9505031, Theodore W. Pietsch, principal investigator; and by the Japan Society for the Promotion of Science, grant number BSAR-401, Kunio Amaoka, principal investigator.

Received 9 April 1997

Figs 1-5. 1-4, *Orthotylus kurilensis* sp. n.: 1-2, left paramere; 3, right paramere from inner side; 4, apex of right paramere. 5, *O. flavinervis* Kbm. (Germany), apex of right paramere. Scale: 0.1 mm.

