

First record of the family Hesperinidae (Diptera) from Sakhalin

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Hesperinus rohdendorfi Krivosheina & Mamaev is recorded from Sakhalin, Russia.

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Hesperinus rohdendorfi Krivosheina & Mamaev, 1967

Paratypes. Russia, Primorsk Terr.: 5 ♂, 1 ♀, 1 specimen without genitalia, Suputinsk Nature Reserve, 18.V.1968 (leg. Krivosheina & Mamaev); 1 ♂, Kedrovaya Pad' Nature Reserve, 9.X.1964 (leg. Krivosheina & Mamaev).

Other material examined. Russia, Sakhalin Island: 2 ♂, Dolinsk Distr., Sokol, Belaya River, 26-27.VI.2004 (leg. N.M. Paramonov).

All the material is kept in the Zoological Institute, St.Petersburg.

Notes. Hesperinidae is a small family of Nematocera containing one genus, *Hesperinus* Walker, with six species. *Hesperinus rohdendorfi* was described from Primorsk Terr. and later recorded from Khabarovsk Terr. and Amur Prov. (Krivosheina, 1999). Here, *H. rohdendorfi* is for the first time indicated for the insular part of the Far East. The family Hesperinidae is for the first time recorded from Sakhalin.

Two specimens of *H. rohdendorfi* collected by the author are very similar to the paratypes examined, but somewhat more melanistic. However, one specimen has a membranous wrinkle instead of vein R_{2+3} in both wings (Fig. 2); in the other specimen, it is completely lacking (Fig. 3). Consequently, this feature, well-developed R_{2+3} , pre-

viously considered as a diagnostic character for the family group of Hesperinidae, Pleciidae and Bibionidae (Hardy, 1981), can be unstable and should be used with care.

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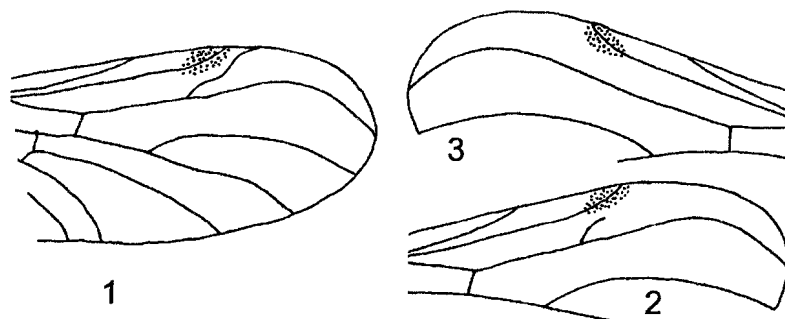


Fig 1-3. *Hesperinus rohdendorfi*, wings. 1, right wing with well-developed R_{2+3} ; 2, right wing with vestigial R_{2+3} ; 3, left wing without R_{2+3} (1, paratype; 2-3, specimen from Sakhalin).