

***Greenomyia mongolica* Laštovka et Matile, 1974 (Diptera, Micetophilidae) found in Estonia**

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The westernmost record of *Greenomyia mongolica* is presented. Female terminalia and the wing of species are figured.

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Key words: Diptera, Mycetophilidae, *Greenomyia*, Estonia.

Greenomyia Brunetti, 1912 is a small genus of fungus gnats, belonging to the tribe *LEINI*. There are six species of it recorded in the Palaearctic region (Hackman, 1988; Zaitzev, 1994), two species in the Nearctic region (Vockerth, 1981) and two species in the Oriental region (Colless & Liepa, 1973). Only one species, *Greenomyia borealis* (Winnertz, 1863), is known in the neighbouring areas of Estonia: in Finland and Latvia (Hackman, 1988).

The specimens of *Greenomyia mongolica* Laštovka et Matile, 1974 are medium sized (total length about 4.3 mm, wing length about 4.4 mm) blackish fungus gnats. The wings are blackish on the apex, the anal vein ending in Cu_1 after its beginning (Fig. 1). The female coloration and size are the same as of male, female terminalia are presented in figure 2.

The species has been previously recorded in Mongolia, Kazakhstan and Russia (Fig. 3). *Greenomyia mongolica* is of Balto-Eurasian distribution type (a subdivision of Euro-Siberian distribution type). The range involves narrow area between the Pacific Ocean and the Baltic Sea, while not reaching the Central Europe (Fig. 3). Ecologically the distribution type is connected to spruce and fir forests of South-Taiga. The distribution type is given according to Viidalepp and Remm (1996).

Larvae of *G. mongolica* were recorded in the South part of Primorye Territory on the surface of wood with spawn (Zaitzev, 1982).

Estonian material is deposited at the Institute of Zoology and Botany, Tartu.

Material. Estonia: 1 ♀, Kääriku, 05.X.1985, H. Remm leg.; 1 ♀, Luunja, 20.X.1996, O. Kurina leg.

Additional material studied (all deposited at the Zoological Institute of Russian Academy of Sciences, St. Petersburg):

***G. mongolica* Laštovka et Matile, 1974**

Material. 2 ♂, 3 ♀, **Russia**, Nikolsk-Ussur, 29.VII.1926, Kuznetzov leg., A. Zaitzev det.

***G. borealis* (Winnertz, 1863)**

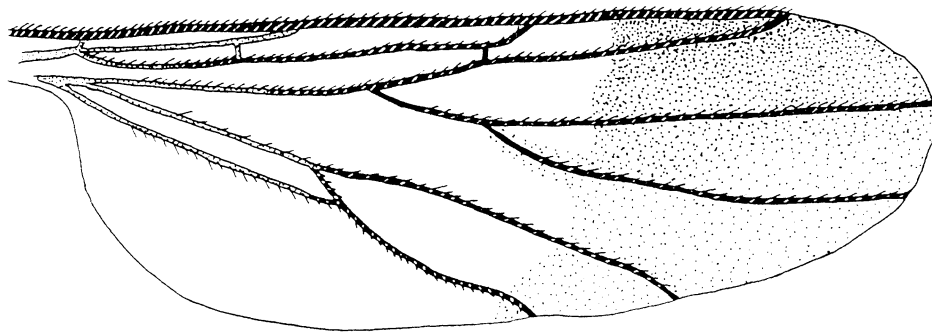
Material. 1 ♂, **Kazakhstan**, Alma-Ata, 13-16.VI.1824, Kuzin leg., A. Zaitzev det.

***G. stackelbergi* A. Zaitzev, 1982**

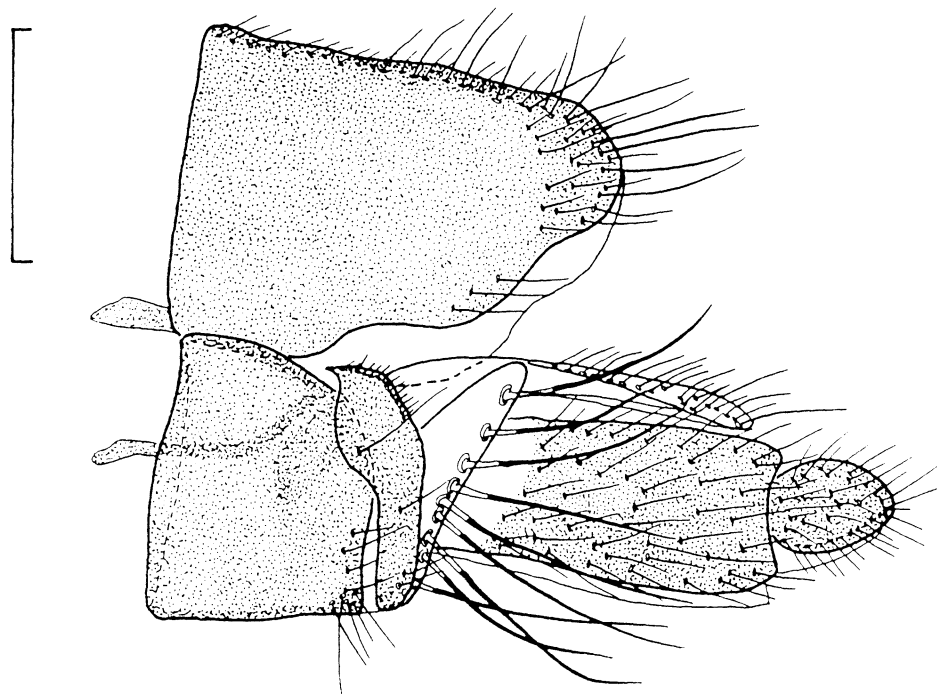
Material. 1 ♂, (holotypus), **Russia**, Primorsky Terr., Santaheza, 07.VII.1927, Stackelberg leg., A. Zaitzev det.

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1



2

Figs 1, 2. *Greenomyia mongolica* Laštovka et Matile, 1974.

1, right wing, scale equal to 1 mm; 2, female terminalia, scale equal to 0.2 mm.

Region. Volume I. Suborder Nematocera. Honolulu: 444—463

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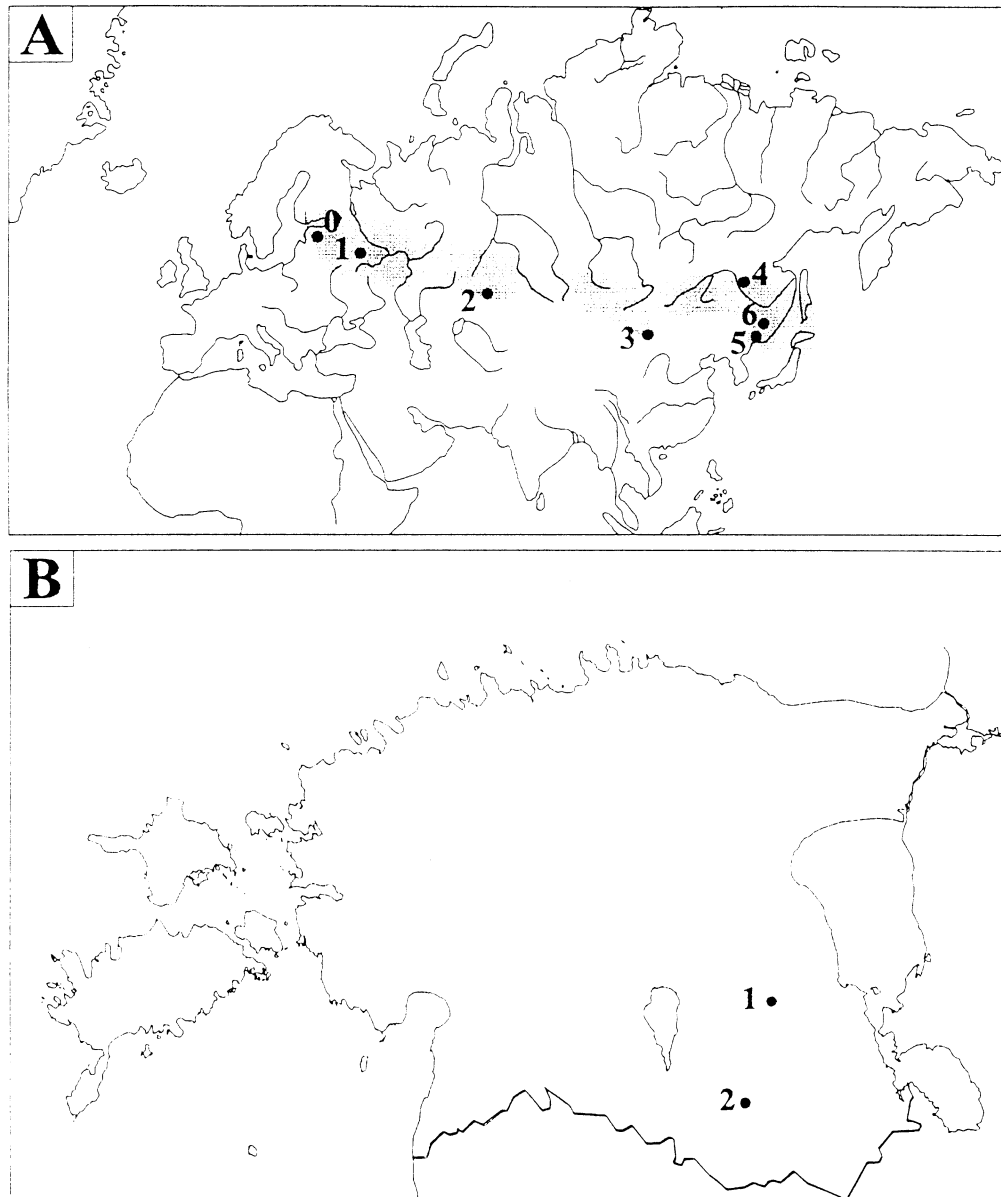


Fig. 3. Distribution of *Greenomyia mongolica* Laštovka et Matile, 1974.

A. Distribution: 0, Southeast Estonia (original data); 1, Russia: Moscow Province, Anikeevka (Zaitzev, 1994); 2, Kazakhstan: Atbasara (Zaitzev, 1982); 3, Mongolia: Ulan-Bator (Laštovka & Matile, 1974); 4, Russia: Amur Province, Simonovo (Zaitzev, 1982); 5, Russia: Primorsky Terr., Vladivostok and Nikolsk (Zaitzev, 1982); 6, Primorsky Terr., Ussurian Nature Reserve (Zaitzev, 1982). The "ridded" area indicates the Balto-Eurasian distribution type. B. Sampling sites of *Greenomyia mongolica* in Estonia: 1, Luunja near Tartu; 2, Kääriku South west of Otepää.

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