

Three new records of Dolichopodidae from NW Russia (Diptera)

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Przhiboro, A.A. & Grichanov, I.Ya. 2003. Three new records of Dolichopodidae from NW Russia (Diptera). *Zoosystematica Rossica*, **11**(2), 2002: 346.

Achalcus thalhammeri Lichtwardt is recorded for the first time from Russia; *Campsicnemus dasyncnemus* Loew and *Dolichopus flavipes* Stannius are recorded for the first time from Pskov Prov. and Karelia, respectively. Data on larval habitats of these species are presented.

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Achalcus thalhammeri Lichtwardt, 1913

Material. Russia, Pskov Prov., Sebezhd Distr., lake Anninskoe near vill. Anninskoe, 56°12'N 28°40'E, zone of water margin (shore marsh), 1 ♂ reared 16.VIII.1998 from larva collected 25.VII.1998 (leg. A. Przhiboro, deposited at the Grichanov's collection, St.Petersburg).

Notes. New record for Russia. This rare species was known only from Germany, Great Britain and Hungary (Pollet, 1996).

The larval habitat is a very flat shore marsh (nearly 50 m wide) completely protected from wave action and covered densely with semiaquatic vegetation; *Phragmites australis* predominates; total cover 60-90%. Several species of semiaquatic mosses are abundant in the bottom layer. Bottom substratum is represented by detritus and plant remains turning into the friable turf. In this habitat, larvae of two other dolichopodid species were abundant, *Achalcus cinereus* (Haliday) and *Hercostomus chalybeus* (Wiedemann).

Campsicnemus dasyncnemus Loew, 1857

Material. Same locality and habitat as for *Achalcus thalhammeri*, 1 ♂ reared 20.VI.1998 from substratum collected 4.VI.1998; same locality and habitat, 6 ♀, by aspirator, 8-10.V.1998; lake Anisimovo 4 km NW of lake Anninskoe, zone of water margin (shore marsh), 1 ♂, 1 ♀, net-sweeping, 12.V.1998 (all leg. A. Przhiboro, deposited at the Zoological Institute, St.Petersburg).

Notes. New record for Pskov Prov. In Russia, *C. dasyncnemus* was known only from Leningrad Prov. (Grichanov & Negrobov, 1979).

Dolichopus flavipes Stannius, 1831

Material. Russia, Karelia, Loukhi Distr., lake Krivoe near White Sea shore, 66°21'N 33°35'E, zone of water margin, 1 ♀ reared 16.VII.2000 from larva collected 25.VI.2000 (leg. A. Przhiboro, deposited at the Zoological Institute, St.Petersburg).

Notes. New record for Karelia. In the European part of Russia, *D. flavipes* was known from Leningrad Prov. and the central part of the region (Grichanov & Negrobov, 1979).

The larval habitat is a narrow water margin zone, with mosses and liverworts predominating (the same habitat as for *Tipula benesignata* Mannheims; for details see: Przhiboro, 2001, 2003). Previously, larvae of *D. flavipes* were found to develop in the shore zone of springs (Fischer et al., 1995).

Acknowledgements

The work of A. Przhiboro was supported by grants of the President of the Russian Federation for young scientists – candidates of science (no. MK-2192.2003.04) and for leading scientific schools (no. HIII-1634.2003.4).

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Received 1 April 2003