

A check list of craneflies (Diptera, Tipulidae) of the Central European territory of Russia

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Abstract

97 species of the family Tipulidae (Diptera) are listed for the Central European territory of Russia. 7 species are new for the region: *Ctenophora (Cnemoncosis) fastuosa* (Loew, 1871); *Nephrotoma aculeata* (Loew, 1871); *N. quadrifaria quadrifaria* (Meigen, 1804); *Tipula (L.) helvola* Loew, 1873; *T. (L.) laetabilis* Zetterstedt, 1838; *Tipula (L.) livida livida* Wulp, 1858; *Tipula (Pt.) luridorostris* Schummel, 1833. Twelve species erroneously listed from the region in the past have been excluded.

Key words: Diptera, Tipulidae, check list, Central European territory of Russia

Introduction

The fauna of Tipulidae of the central parts of the European Russia remains inadequately known. Moscow region (=Moskovskaya oblast) has received most attention. Fedchenko (1868) recorded 42 species from the region, among which the record of *Tipula (Vestiplex) excisa excisa* Schummel was most likely an error. The record of *Tipula (Tipula) oleracea* Linnaeus also needs confirmation since no specimens of this species are known from the region. The species recorded by Fedchenko are indicated below with a single asterisk (*). Savchenko (1961, 1964, 1975, 1983) added 19 species, indicated below with two asterisks (**). His specimen records, reexamined by the current author, are also included in the present check list. A preliminary check list has been published recently for Ulyanovsk region (Paramonov 2006).

Additional data were obtained by the author, who collected craneflies in Moscow and Tver' regions since 1990 and in Voronezh region in 2009 (Pilipenko 1997, 2002, 2008). The current list was compiled based on the author's collection (abbreviated below as V.P.), collections of the Department of Entomology and the Biological Museum of Moscow State University (MSU), as well as literature data (Savchenko 1961, 1964, 1975, 1983; Oosterbroek & Theowald 1992; Paramonov 2006) and the online "Catalogue of the Craneflies of the World" (Oosterbroek 2009).

The nomenclature and the order of taxa largely follow the Catalogue of Palearctic Diptera (Oosterbroek & Theowald 1992). The data on species distributions are modified from Oosterbroek (2009). Oosterbroek and Theowald (1992) defined the Central European territory (CET) as part of the USSR between 60° N latitude, 50° N latitude, and the watershed of the Urals. In this paper, however, the term Central European territory of Russia (CET) refers only to the part of Russian Federation (without Kaliningrad region) within the same northern, southern, and eastern limits. Belarus and the Baltic republics of the former USSR are, therefore, excluded. Other territorial units also follow the partition scheme of Oosterbroek and Theowald (1992) but refer only to the Russian