

The originally East Palaearctic crane fly *Tipula (Platytipula) moiwana* (Matsumura, 1916) (Diptera, Tipulidae) found in Oslo, an addition to the Norwegian fauna

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Females of the autumn crane fly *Tipula (Platytipula) moiwana* (Matsumura, 1916) were collected along the river Ljanselva in Oslo. This species was hitherto only known from the easternmost Palaearctic and from the Moscow and Tula regions in Russia. It has a characteristic wing pattern, which made it possible to distinguish even females from other known species in the subgenus *Platytipula* Matsumura, 1916. Its typical habitat and Palaearctic distribution are discussed.

Key words: Diptera, Tipulidae, *Platytipula*, *Tipula moiwana*, Norway, Holarctic.

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Introduction

Tipula (Platytipula) moiwana (Matsumura, 1916) was originally described from Japan, and until recently it was only known from Japan and the Russian Far East. However, since 1999 it has been collected repeatedly in the Tsaritsyno Park in Moscow and in the Tula oblast (Pilipenko 2008; Pilipenko *et al.* 2012). Inspection of Malaise trap material collected in the Oslo area in 2010 revealed five females.

The records

Tipula (Platytipula) moiwana (Matsumura, 1916)

NORWAY AK, Oslo: Nordstrand, the river Ljans-

elva, Liadalen (N59.8481, E10.7927), Malaise trap period 23.VIII.2010–5.IX.2010, leg. G. Søli & M. Steinert, 3♀♀; Idem, 5.IX.2010–28. IX.2010, 2♀♀.

Four specimens are housed in the ethanol collection of the Natural History Museum in Oslo (NHMO, aka ZMUN, barcodes 10073043-10073044); one is donated to Naturalis Biodiversity Center, Leiden.

These specimens were found in material collected in the framework of an entomological survey of the Diptera fauna of the Oslofjord area. The survey was part of a project called “Study of selected insect groups in the Oslofjord-area”, funded by the Norwegian Biodiversity Information Centre (Artsdatabanken), and ran from 2010 to 2011.

The trap in which they were collected was