**Dicranomyia (Idiopyga) oosterbroeki** spec. nov.,
a new species of Limoniidae (Diptera) from Kazakhstan

by

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**Abstract**

*Dicranomyia (Idiopyga) oosterbroeki* spec. nov., a new species of short-palped crane flies, is described from Kazakhstan and compared with related species of the subgenus *Idiopyga* Savchenko, 1987. Several species of *Dicranomyia* Stephens, 1829 are reported as new to the fauna of Kazakhstan.

**Key words**

Limoniidae, *Dicranomyia*, *Idiopyga*, Palaearctic Region, Kazakhstan, taxonomy, new species, new records

**Introduction**

The subgenus *Idiopyga* Savchenko, 1987 includes 22 species and 2 subspecies from the Palaearctic (Oosterbroek 2012). The crane flies of Kazakhstan are very poorly studied. Species of the subgenus *Idiopyga* had not been found in this country, whereas from neighbouring Mongolia, 6 species of *Idiopyga* are known (Oosterbroek 2012). Several species are here recorded from Kazakhstan for the first time. In 2010, during the investigation of salt lakes in the Pavlodar region, unusual males of *Dicranomyia (Idiopyga)* were found. A detailed study showed that these specimens belong to a new species.

**Material and methods**

Specimens were collected by sweeping and preserved in 70 % ethanol, each specimen with its prepared genitalia. Specimens were studied with a MBS–10 microscope. Free hand drawings of the uncleared and unmounted genitalia were made with the aid of an ocular micrometer. Terminology of morphological features generally follows that of Alexander & Byers (1981).

**New records of Kazakh Dicranomyia**

*Dicranomyia (Dicranomyia) autumnalis* (Staeger, 1840) – KAZAKHSTAN: about 100 km east from Pavlodar, Ashytakyr Lake, 52°33′33″N 78°20′33″E, 1 ♂, 18 September 2010, leg. V. I. Devyatkov.

*Dicranomyia (Dicranomyia) consimilis* (Zetterstedt, 1838) – KAZAKHSTAN: Ust-Kamenogorsk, small stream, 49°52′30″N 82°37′40″E, 3 ♂♂ 2 ♀♀, 28 July 2012; 2 ♂♂ 1 ♀, 5 August 2012; 3 ♂♂ 2 ♀♀, 7 August 2012, all leg. V. I. Devyatkov.