

SHORT COMMUNICATION

V. E. Pilipenko¹ & V. S. Sidorenko². INTERNATIONAL BIODIVERSITY OBSERVATION YEAR (IBOY): CRANE FLIES (DIPTERA: TIPULIDAE, CYLINDROTOMIDAE) OF THE FOREST ECOSYSTEMS OF PRIMORYE – Far Eastern Entomologist. 2004. N 136: 11-12.

В. Э. Пилипенко¹, В. С. Сидоренко². Международный год изучения биоразнообразия (IBOY): комары-долгоножки семейств Tipulidae и Cyndrotomidae (Diptera) лесных экосистем Приморского края // Дальневосточный энтомолог. 2004. N 136. С. 11-12.

A one hectare plot have been selected in the vicinity of Kamenushka village on the top of the hill (200m above sea level) on left side of Volkha River (43°36.63' N, 132°14.18' E) in mixed coniferous-broad-leaved forest as a part of the International Biodiversity Observation Year (IBOY) in 2001. Detailed description of plot and collecting methods was published [1]. The 33619 specimens of arthropods from 118 samples have been collected totally in plot using 7 trapping methods. Among of them 10 specimens of Tipulidae and Cyndrotomidae were collected by Light traps (LT), Malaise traps (MT), Window traps (WT) and Pitfall traps (PT) in ground zone (GZ). The fauna of Tipulidae of Primorskii krai consists of 84 species from 11 genera [2]. Only 8 species from 3 genera were collected in plot, which consists of 23% of genera and 9.5% of species of the fauna of Primorye. There are no any records of family Cyndrotomidae from Primorskii krai [3]. A list of crane-flies is given below. Present study was supported in part by the grant of Far Eastern Branch of Russian Academy of Sciences (N 04-1-ОБН-100, S.Yu. Storozhenko, principal investigator).

FAMILY TIPULIDAE

Dolichozeza (Nesopeza) geniculata (Alexander, 1918)

MATERIAL. Russia: Primorskii krai, Kamenushka, LT-1, (GZ), 14.VII 2001, 1 ♂.

Dolichozeza (Oropeza) sp.

MATERIAL. Russia: Primorskii krai, Kamenushka, LT-6, (GZ), 25.VIII 2001, 1 ♀.

Tipula (Geotipula) apicispina (Alexander, 1933)

MATERIAL. Russia: Primorskii krai, Kamenushka, LT-14, (GZ), 30.VIII 2001, 1 ♂.

Tipula (Geotipula) sp. 2

MATERIAL. Russia: Primorskii krai, Kamenushka, WT-1, (GZ), 30.VI 2001, 1 ♀.

Tipula (Yamatotipula) latemarginata latemarginata Alexander, 1921

MATERIAL. Russia: Primorskii krai, Kamenushka, LT-16, (GZ), 31.VIII 2001, 1 ♂.

Tipula (Platytipula) luteipennis mediolobata Alexander, 1933

MATERIAL. Russia: Primorskii krai, Kamenushka, LT-20, (GZ), 16.IX 2001, 1 ♂.

Tipula sp. 1

MATERIAL. Russia: Primorskii krai, Kamenushka, LT-6, (GZ), 25.VIII 2001, 1 ♀.

Nephrotoma sp. 1

MATERIAL. Russia: Primorskii krai, Kamenushka, PT-9, 19.VII 2001, 1 ♀.

FAMILY CYLINDROTOMIDAE

***Cylindrotoma japonica* Alexander, 1919**

MATERIAL. Russia: Primorskii krai, Kamenushka, LT-7, (GZ), 26.VIII 2001, 1 ♂; LT-11, (GZ), 28.VIII 2001, 1 ♂. This is first record for Primorskii krai.

1. Storozhenko S. Yu., Sidorenko V. S., Lafer G. Sh., Kholin S. K. 2002. The International Biodiversity Observation Year (IBOY): insects of the forest ecosystems of the Primorye region. A. I. Kurentsov Annual Memorial Meetings, Vladivostok 13: 31-52. (In Russian)

2. Sidorenko V. S. 1999. [5. Family Tipulidae – Crane flies] – Sidorenko V. S., Kupianskaja A. N., Lelej A. S., Nemkov P. G., Kholin S. K. (eds). [Key to the insects of Russian Far East. 1999. Vol. VI, Pt. 2.]. Vladivostok: Dal'nauka. P. 71-118 (In Russian).

3. Sidorenko V. S. 1999. [4. Family Cylindrotomidae] – Sidorenko V. S., Kupianskaja A. N., Lelej A. S., Nemkov P. G., Kholin S. K. (eds). [Key to the insects of Russian Far East. 1999. Vol. VI, Pt. 2.]. Vladivostok: Dal'nauka. P. 68-70. (In Russian).

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