

NEW SHORT-PALPED CRANE FLIES (DIPTERA: LIMONIIDAE) RECORDED IN LITHUANIA IN 2004–2005*SIGITAS PODĖNAS, DOMAS ČINČIUKAS*

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Introduction

The last and most complete list of Lithuanian short-palped crane flies (Diptera: Limoniidae) was presented in Pakalniškis *et al.* (2000). The same updated list could be also found in Oosterbroek (2005). There are 194 species of Limoniidae flies known in Lithuania at the moment. Additional two species were collected in Jurbarkas and Kėdainiai administrative districts in 2004 and 2005.

Material and methods

Crane flies were collected in different localities throughout the country in 2004 and 2005 by means of light and Malaise traps and with entomological net.

In the environs of Marcinkonys, on the tourist route Girinio Takas (Varėna administrative district) crane flies were collected only occasionally by means of entomological net by S. Podėnas in 2004. Habitat: *Alnus glutinosa* grooves on the Grūda riverbank. Coordinates: 54°03'35.2"N, 24°22'39.4"E.

In Panemunės Regional Park (Jurbarkas administrative district) material was collected by means of light trap in 2004 throughout the whole season. Habitat: open meadow surrounded from one side by the road and oak forest from the other. Coordinates: 55°05'22.5"N, 22°57'19.4"E.

In Ažuolaičiai village (Kėdainiai administrative district) material was collected with Malaise trap throughout the whole season. The trap was kept on the Jaugila riverbank. Habitat: *Alnus glutinosa* grooves on riverbank, altitude 62 m. coordinates: 55°20'58.1"N, 23°51'51.5"E. Crane flies also were collected with entomological net by D. Činčiukas in the environs of the trap.

Crane flies were identified by S. Podėnas. Insects were studied with a Motic SMZ168TL and Leica MZ125 dissecting microscopes. Drawings were completed by the same author from digital photographs and through the camera lucida. Photograph of *Dicranomyia consimilis* wing was made using the Auto-Montage digital, three-dimensional microscopy program (Syncroscopy, Frederick, Maryland, U.S.A.) in the Academy of Natural Sciences, Philadelphia PA, USA.

Male gonostyles of our specimens of *Dicranomyia consimilis* (Zetterstedt, 1838) are identical to that figured by Savchenko and Krivolutskaya (1976 – fig. 58a). Identification was also checked through the identification key presented in the same publication (pages 133–134). Specimen collected in Marcinkonys is preserved in ethanol and is kept in the collection of the Academy of Natural Sciences in Philadelphia PA, USA. Specimens from Ažuolaičiai are slide mounted and preserved in Zoological Museum of Vilnius University.

Wing venation and wing pattern of our specimens of *Eriocnopa symplectoides* (Kuntze, 1914) is identical to that presented by Savchenko (1982 – fig. 43-2, 1989 – fig. 87-2), male genitalia – Savchenko (1982 – fig. 45-2, 1989 – fig. 88-1). Identification was also checked by the aid of the identification key presented in Savchenko (1982 – page 100) and redescription presented in the same work (pages 102–103). All specimens of that species are preserved in ethanol and are kept in Zoological Museum of Vilnius University.

List of species

Subfamily LIMONIINAE

Dicranomyia (Dicranomyia) consimilis (Zetterstedt, 1838) (Figs. 1, 2)

Marcinkonys, tourist route Girinio takas, 24 08 2004, 1♂; Ažuolaičiai, 21–27 06 2005, 1♂, Malaise trap, 20–27 09 2005, 1♂, Malaise trap.

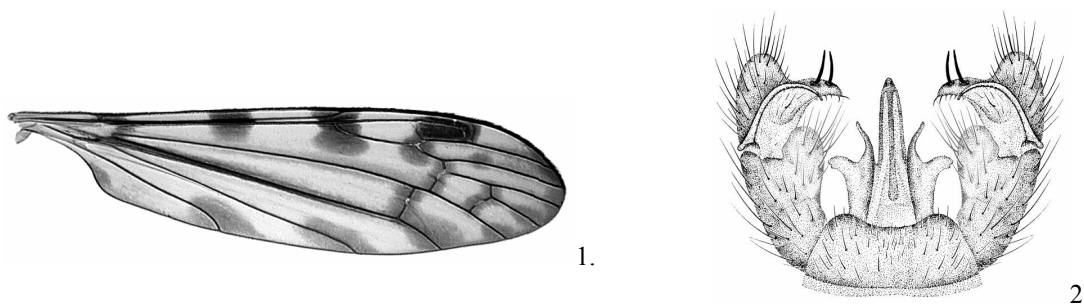
Distribution: the species is known from China, Denmark, Estonia, Finland, France (Corsica), Great Britain, Japan, Latvia, North Korea, Norway, Russia (north of the European part, East Siberia and Far East) and Sweden.

Subfamily CHIONEINAE

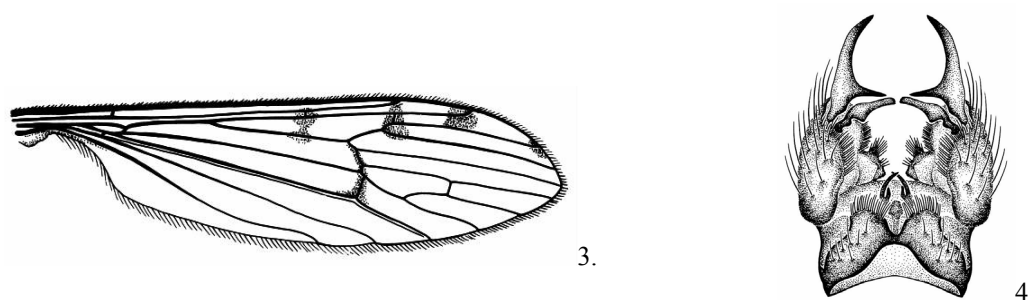
Eriocnopa symplectoides (Kuntze, 1914) (Figs. 3, 4)

Panemuniai RP, 31 08 - 05 09 2004, 1♀, 05–13 09 2004, 1♂ 1♀, 14–20 09 2004, 3♂♂ 1♀; Ažuolaičiai, 06–13 09 2005, 1♂, 25 09 - 02 10 2005, 1♂, 02–10 10 2005, 1♂.

Distribution: the species is recorded from Albania, Azerbaijan, Bulgaria, France, Georgia, Greece, Morocco (?), Norway (?), Romania, Russia (south of the European part and North Caucasus), Slovakia, Turkey and Ukraine.



Figs. 1 – 2. *Dicranomyia (Dicranomyia) consimilis*: 1 – wing, 2 – male genitalia, dorsal view.



Figs. 3 – 4. *Eriocnopa symplectoides*: 1 – wing, 2 – male genitalia, dorsal view.

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Naujos Lietuvos ilgakojų uodų (Diptera: Limoniidae) rūšys, aptiktos 2004–2005 metais

S. PODĖNAS, D. ČINČIUKAS

Santrauka

Tarp 2004 ir 2005 metais Jurbarko, Kėdainių bei Varėnos rajonuose sugautų ilgakojų uodų buvo aptiktos dvi naujos Lietuvos faunos rūšys: *Dicranomyia (Dicranomyia) consimilis* (Zetterstedt, 1838) ir *Erioconopa symplectoides* (Kuntze, 1914). Pateikiami duomenys apie radimo datas, vietas, sugautų individų skaičių bei paplitimą.

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