

IDIOCERA (IDIOCERA) SZILADYI* (LACKSCHEWITZ, 1940) (DIPTERA: LIMONIIDAE) – NEW SPECIES IN LITHUANIAN FAUNARADVILĖ MARKEVIČIŪTĖ*

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Introduction

The genus *Idiocera* Dale, 1842 (Diptera: Limoniidae: Chioneinae) with two subgenera *Idiocera* (s. str.) Dale, 1842 and *Euptilostena* Alexander, 1938 includes 137 species and two subspecies distributed in all zoogeographic regions (Oosterbroek, 2019). The majority of species occur in the Oriental (44 species) and the West Palaearctic (31 species) regions, 27 species occur in the East Palaearctic, 20 in the Nearctic Region and 19 species in the Afrotropics. Only four species are known from the Neotropic and six in the Australasian/Oceanian Region. There are 14 *Idiocera* species known in Europe (Oosterbroek, 2019)

The aim of this paper is to present the first record of *Idiocera (Idiocera) sziladyi* (Lackschewitz, 1940) in Lithuania.

Material and Methods

The study was carried out in Žalioji giria f., Panevėžys district (Northern Lithuania) in 2016, July 22. Adult crane fly specimen was collected using an entomological net and identified by R. Markevičiūtė. Insect was studied with an Olympus SZX10 dissecting microscope. Photographs were taken with a digital camera Canon EOS 600D mounted on the same dissecting microscope. Terminology of adult morphological features follows that of McAlpine (1981). The collected material is stored in the collection of Nature Research Centre, Vilnius, Lithuania (NRC).

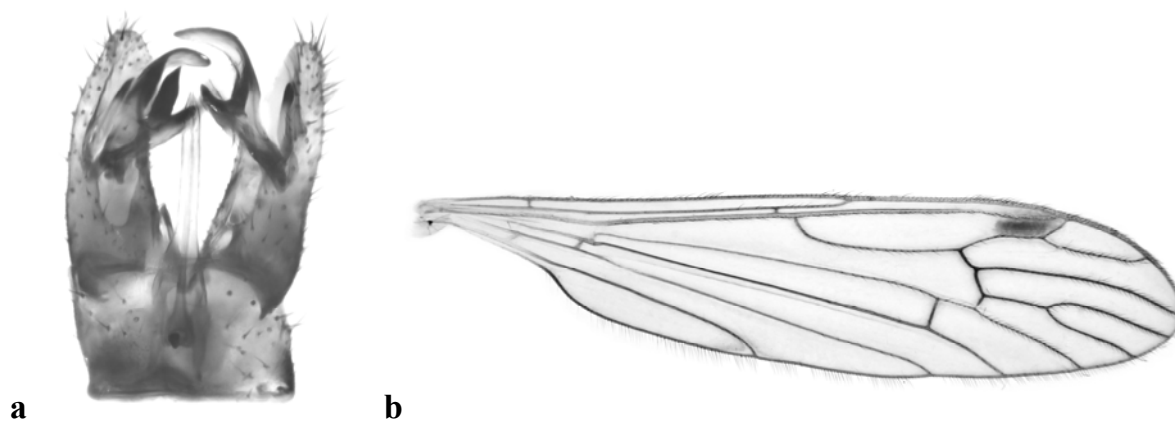


Figure 1. Male genitalia (a) and wing (b) of *Idiocera (Idiocera) sziladyi* (Lackschewitz, 1940)

***Idiocera (Idiocera) sziladyi* (Lackschewitz, 1940)**

Žalioji giria f., 55.873694, 24.557833, 22 07 2016, 1 ♂ leg. R. Markevičiūtė (NRC).
New record for Lithuania.

Discussion

Idiocera (Idiocera) sziladyi is a small (7.00–8.5 mm) yellowish brown crane fly with contrasting dark markings (Hancock, 2006).

Diagnostic characters: head yellowish brown, with broad dark median stripe (Jong, 1987); prescutum with broad brown central stripe fused anteriorly, narrowly separated towards suture; postnotum with paired brown angled patches; pale band across sternopleuron from base of fore coxa extending into meron (Hancock, 2006); wing (Fig. 1b) clear except for light brown stigma (Sary & Freidberg, 2007).

The male can be recognized by yellowish genitalia (Jong, 1987). Gonostyli are split into three lobes (Fig. 1a): the inner and outer ones are plain tapering to a point; the other has an asymmetrical forked branch originating within the concave inner face of the inwardly curving main part of the gonostylus (Hancock, 2006); aedeagus is simple, narrow (Sary & Freidberg, 2007).

Insects of this species were found on a gravel shore among shrubs of *Salix*, at the edge of narrow *Robinia-Salix-Sambucus* forest along the river (Sary & Delmastro, 2001).

The species is recorded in Bulgaria, Great Britain, Czech Republic, Spain, Italy, Romania, Slovakia (Sary & Oosterbroek, 2008), Germany (Reusch *et al.*, 2009), Portugal (Sary, 2014), Canary Islands (Hancock, 2011), Egypt, Yemen, Morocco, Algeria (Driauach & Belqat, 2016).

Acknowledgements

The author is grateful to Dr. S. Podėnas for his help during the research.

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Nauja Lietuvos faunos dvisparnių (Diptera, Limoniidae) rūšis *Idiocera (Idiocera) sziladyi* (Lackschewitz, 1940)

R. MARKEVIČIŪTĖ

Santrauka

Publikacijoje pateikiami duomenys apie naują Lietuvos faunai dvisparnių rūšį *Idiocera (Idiocera) sziladyi* (Lackschewitz, 1940), aptiktą 2016 metais Panevėžio rajone, Žaliojoje girioje. Taip pat nurodyta sugavimo data, individų skaičius, lytis bei pateikiami pagrindiniai rūšies skiriamieji požymiai.

Received: 23 October, 2019