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**FIRST RECORD OF THE FAMILY LEUCOSPIDAE (HYMENOPTERA:  
CHALCIDOIDEA) FROM THE FAUNA OF BELARUS**

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**Summary.** The family Leucospidae is newly recorded from the fauna of Belarus based on *Leucospis dorsigera* Fabricius, 1775. Brief information on distribution and ecology of this species is given.

**Key words:** *Leucospis dorsigera*, new record, fauna, Belarus.

**А. М. Островский. Первое указание семейства Leucospidae (Hymenoptera: Chalcidoidea) для фауны Беларуси // Дальневосточный энтомолог. 2020. N 416. С. 15-17.**

**Резюме.** Впервые для фауны Беларуси указывается семейство Leucospidae и вид *Leucospis dorsigera* Fabricius, 1775. Приведены данные по распространению и биологии данного вида.

**INTRODUCTION**

Leucospidae are large chalcid wasps with the body length of 4–17 mm, with tegula narrow, at least twice as long as broad; prepectus very narrow, not clearly visible; femur of hind leg swollen with one or more teeth on its inner margin, tibia markedly curved. Leucospidae members are parasitoids of aculeate Hymenoptera. Their hosts are mainly solitary bees, less frequently solitary wasps, Vespidae and Sphecidae nesting in a similar way to bees (Tselikh & Trjapitzin, 2019).

Leucospids are distributed worldwide and numbers four genera and 142 species (Noyes, 2020). In the Palaearctic region the Leucospidae are represented by the genus *Leucospis* Fabricius, 1775 with 19 species. Seven species have been recorded from Russia (Nikolskaya, 1960, 1978). So far, no species of Leucospid have been recorded from the fauna of Belarus.

**NEW RECORD**

***Leucospis dorsigera* Fabricius, 1775**

Fig 1

**MATERIAL EXAMINED. Republic of Belarus:** Gomelskaya oblast: Bragin district, Verkhnie Zhary, 51°20'53.2" N, 30°35'10.5" E, at the outer wall of an abandoned log house,

19.VII 2020, 1 ♀, leg. A.M. Ostrovsky; Gden, 51°20'32.1" N, 30°26'47.5" E, at the wooden fence, 29.VII 2020, 1 ♀, leg. A.M. Ostrovsky. The examined specimens are housed at the author's collection.

**DISTRIBUTION.** Widely distributed Palearctic species from North Africa to the Belgium and Poland in the North and Tajikistan and Afghanistan in the East (Madl & Schwarz, 2014).



Fig 1. *Leucospis dorsigera* Fabricius, 1775, female, lateral view.

**REMARKS.** *Leucospis dorsigera* is a primary parasitoid of solitary bees from the family Megachilidae: *Osmia* spp., *Hoplitis adunca* (Panzer, 1798), *Anthidiellum strigatum* (Panzer, 1805), *Anthidium diadema* Latreille, 1809, *Megachile ericetorum* Lepeletier de Saint Fargeau, 1841 (Noyes, 2020). This species also known as a hyperparasitoid of Cerambycidae (Coleoptera) through *Xorides corcyrensis* (Kriechbaumer, 1894) (Hymenoptera: Ichneumonidae: Xoridinae) in Iran (Hesami *et al.*, 2005).

#### CONCLUSION

The record of *Leucospis dorsigera* Fabricius, 1775 from South-Eastern Belarus enlarges the range of species, genus and family in the Eastern Europe to the North. Formerly it was known from Kharkov, Ukraine (Nikolskaya, 1960).

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