

A New Faunistic Record For Turkey: *Solva marginata* (Meigen, 1820) (Diptera, Xylomyidae)

Turgay ÜSTÜNER¹, Leyla KALYONCU

Selçuk Üniversitesi Fen Edebiyat Fakültesi Biyoloji Bölümü Kampus-Konya

Abstract: *In this study, Solva marginata* (Meigen, 1820) which belong to *Solva* is recorded from Turkey first time. This study based on only one specimen of *S. marginata* that is examined.

Key Words: Xylomyidae, *Solva marginata*, new record, Fauna, Turkey

Türkiye için Yeni Bir Faunistik Kayıt: *Solva marginata* (Meigen, 1820) (Diptera, Xylomyidae)

Özet: *Bu çalışmada Solva cinsine ait Solva marginata* (Meigen, 1820) Türkiye'den ilk kez kaydedilmiştir. Bu çalışma *S. marginata*'nın incelenen tek bir örneğine dayanmaktadır.

Anahtar Kelimeler: Xylomyidae, *Solva marginata*, yeni kayıt, Fauna, Türkiye

Introduction

Family of Xylomyidae has been known in Palaearctic Region by fourteen species belong to three genera [1]. These genera are *Macroceromys* Bigot, 1877, *Solva* Walker, 1860 and *Xylomya* Rondani, 1861. *Xylomya maculata* known from Turkey has been one species that belong to Xylomyidae up to now [2]. No species belong to *Solva* has been no recorded in Turkey so far. *S. marginata* is a species known from Eurasian.

Material and Method

This study is based on one *Solva marginata* specimen collected in Konya in 1997. The specimen are deposited in Selçuk University, Department of Biology, Konya, Turkey.

Solva marginata (Meigen, 1820)

Material examined: 1 female: Turkey, Konya, Meram, Dere Village, VI.1997, ca. 1100 m. (leg.G.ÇETİN).

Female: Frons wide about ¼ of head-width. Frons black with short, dense and yellow hairs. Eyes with very short sparse hairs. Postocular area black with long yellow hairs. Face black and mouth parts completely yellow. Thorax black with dense yellow hairs. Humeral calli swollen with yellow spots and connected to yellow subnotopleural suture. Scutellum yellow

¹ E-mail: tustuner@selcuk.edu.tr

without spines. Halteres entirely yellow. Legs predominantly yellow. All coxae brown and tarsal segments light brown. Hind femora striking swollen, with minute black tubercles on ventral surface. Abdomen mainly black. First tergite with yellow semicircular spot, the other tergites with yellow transverse stripe on hind margin and also all sternites with yellow transverse stripe on hind margin.

Body: 7 mm., wings: 7mm.

Male is not found.

Distribution: Azerbaijan, Byelorussia, Central and South Europe including Balkans, Czech Republic, Denmark, Estonia, France, Great Britain, Latvia, Lithuania, Moldavia including North Caucasus, Mongolia, Northeast China, Russia, Siberia, Slovakia, Sweden, Ukraine. Originally it was described from France [1, 3, 4, 5, 6].

This species is new record for Turkey.

Discussion:

Solva marginata is recorded from Turkey first time. It is known in Eurasian species. This record makes it wider the border of south distribution in Palaearctic Region. Also genus *Solva* is new record for Turkish Fauna.

As Entomologist haven't sufficiently studied on this subject in Turkey up to now, Xylomyidae still haven't been determined in Turkey. We estimate that entomologists, or we, will contribute fauna of Xylomyidae in Turkey if we studies about Xylomyidae in future. We predict that new species and new record for Turkish Fauna Xylomyidae will be discovered in future.

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