

First records of *Hypatopa segnella* (Zeller, 1873) from Spain (Lepidoptera: Blastobasidae)

J. Šumpich

Abstract

Blastobasid moth *Hypatopa segnella* (Zeller 1873) is reported from Spain for the first time. The figures of the genitalia of both sexes are given. The updated list of Blastobasidae species of mainland Spain is also presented.

KEY WORDS: Lepidoptera, Blastobasidae, *Hypatopa segnella*, first records, Spain.

Primer registro de *Hypatopa segnella* (Zeller 1873) para España (Lepidoptera: Blastobasidae)

Resumen

Hypatopa segnella (Zeller 1873) se cita por primera vez para España. Se dan las figuras de las genitales de ambos sexos. Se ofrece una lista actualizada de las especies de Blastobasidae presentes en España continental.

PALABRAS CLAVE: Lepidoptera, Blastobasidae, *Hypatopa segnella*, primer registro, España.

Introduction

Within the European mainland Spain belongs to the countries with the highest Blastobasidae species diversity. In total, 12 species were recorded from there so far (SINEV, 2011, ŠUMPICH, 2012), half of which are of Spanish origin and three of them - *Hypatopa ibericella* Sinev, 2007, *Blastobasis monopetali* (Walsingham, 1908) and *Blastobasis xylophagum* (Walsingham, 1908) which are confined to the territory of Spain exclusively. The paper presents the first record of *Hypatopa segnella* (Zeller 1873) from Spain; however it is not clear whether this is due to recent expansion or to this species being overlooked so far.

Material and methods

The presented material was attracted to the fluorescent tube 8W/12 during occasional visits to Spain.

Abbreviations: TL - locus typicus; NMPC - National Museum, Praha, Czech Republic; JSPC - Jan Skyva collection, Praha, Czech Republic.

Results

Hypatopa segnella (Zeller 1873) (Figs. 1-5)

Material: Spain, Extremadura, Buenabarba near Ciudad Rodrigo, 16-VIII-1998, 2 ♀♀, J. Šumpich

(NMPC); Cuenca, Monteagudo de Salinas, 1030 m, 29-VII-2010, 2 ♂♂, 2 ♀♀, M. Dvořák and J. Šumpich (JSPC, NMPC).

Bionomy: Still insufficiently known. According to PATOČKA & KULFAN (2011) the caterpillars are polyphagous on plant detritus. In Central and Northern Europe the adults have been observed in the various types of deciduous forests (JONASSON, 1985), in Southern Europe also in the forest steppes (SINEV, 1993). Spanish specimens were found in open agricultural landscape in Extremadura and thin pine woods in Cuenca.

Distribution: Russia, Ukraine, Sweden, Poland, Austria, Hungary, Croatia, Greece (SINEV, 1993), Slovenia (LESAR & GOVEDIČ, 2010), France, Bosnia and Herzegovina, Germany, Czech Republic, Slovakia, Finland, Norway (SINEV, 2011), Spain. **New for Spain.**

Updated list of Blastobasidae species of Spanish mainland

Blastobasis Zeller 1855

Blastobasis phycidella (Zeller, 1839) (*Oecophora*). TL: Germany, Poland (Głogów)

= *Oecophora roscidella* Zeller 1847. TL: Corsica

Blastobasis magna Amsel, 1952. TL: Sardinia

Blastobasis maroccanella Amsel, 1952. TL: Morocco

= *Blastobasis acuta* Bradley 1958. TL: Madeira

Blastobasis marmorosella (Wollaston, 1858) (*Oecophora*). TL: Madeira

= *Oecophora fuscomaculella* Ragonot, 1879. TL: Portugal (Coimbra)

= *Oecophora seeboldiella* Kreithner, 1881. TL: Spain (Bilbao)

= *Blastobasis sarcophaga* Meyrick, 1902. TL: Australia

Blastobasis sardinica Šumpich, 2012. TL: Sardinia, France, Spain

Blastobasis monopetali (Walsingham, 1908) (*Zenodochium*). TL: Spain (Cádiz, Chiclana)

Hypatopa Walsingham, 1907

Hypatopa inunctella (Zeller, 1839) (*Oecophora*). TL: Germany, Poland

= *Hypatima haliciella* Klemensiewicz, 1898). TL: Poland (Brodów)

Hypatopa ibericella Sinev, 2007. TL: Spain (Ávila, Hoyos del Espino)

Hypatopa segnella (Zeller, 1873) (*Blastobasis*). TL: Russia (Krasnoarmeysk [formerly Sarepta])

= *Holcocera perfugella* Jonasson, 1985. TL: Sweden

Tecmerium Walsingham, 1907

Tecmerium anthophaga (Staudinger, 1870) (*Blastobasis*). TL: Spain (Málaga)

= *Symmoca stoechadella* Constant, 1885. TL: France (Alpes Maritimes)

Tecmerium spermophagia Walsingham, 1907. TL: Spain (Cádiz, Chiclana)

Tecmerium xylophagum (Walsingham, 1908) (*Zenodochium*). TL: Spain (Málaga)

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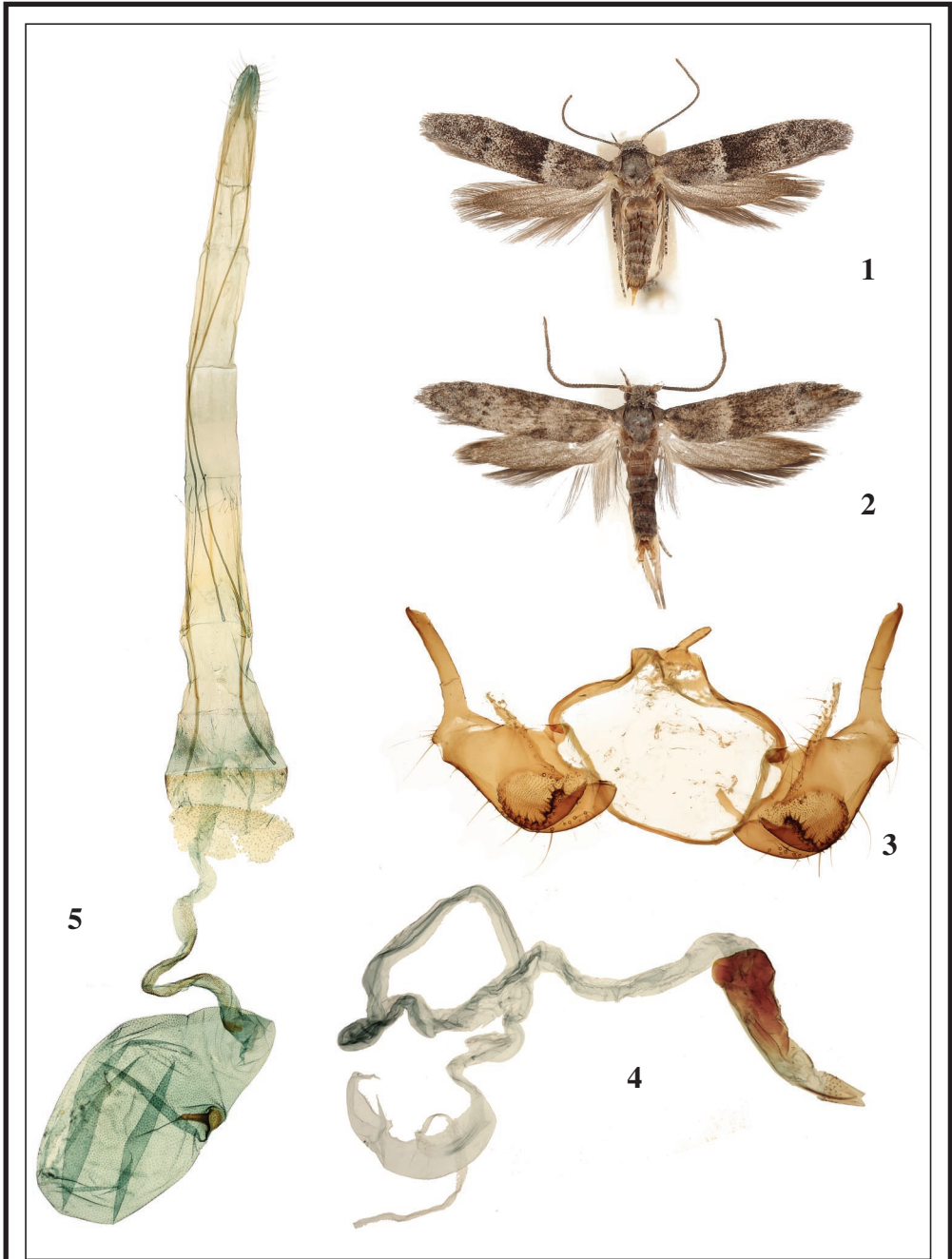
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J. Š.
Department of Entomology
National Museum
Kunratice, 1
CZ-148 00 Praha 4
REPÚBLICA CHECA / CZECH REPUBLIC
E-mail: jansumpich@seznam.cz

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Figs 1-5.– *Hypatopa segnella* (Zeller 1873), Spain. **1-2.** Adults; **1.** Female, Extremadura. **2.** Male, Cuenca. **3-4.** Male genitalia; **3.** General view. **4.** Phallus. **5.** Female genitalia.