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Two *Coleophora* species new for Spain, one of them new for Europe (Lepidoptera: Coleophoridae)

H. W. van der Wolf

Abstract

Two species of Coleophoridae are recorded as new for Spain: *Coleophora solitariella* Zeller, 1849 was collected in the Spanish Pyrenees; *Coleophora haoma* Baldizzone, 1994 is recorded from Almería. This species is also new for Europe.

KEY WORDS: Lepidoptera, Coleophoridae, new records, Spain, Europe.

Dos especies de *Coleophora* nuevas para España, una de ellas nueva para Europa (Lepidoptera: Coleophoridae)

Resumen

Dos especies se citan nuevas de España: *Coleophora solitariella* Zeller, 1849 ha sido encontrada en los Pirineos españoles. La otra especie, *Coleophora haoma* Baldizzone, 1994, encontrada en Almería, es también nueva para Europa.

PALABRAS CLAVE: Lepidoptera, Coleophoridae, nuevas citas, España, Europa.

Introduction

Among material received for determination I found two species of Coleophoridae which have not yet been recorded from the Spanish mainland; one of them is also new for Europe.

Faunistic data

Coleophora solitariella Zeller, 1849

Material examined: "Spain, Lerida, Castellbo, 12-VII-2009, leg. F. Groenen". 1 ♂, gen. prep. Wf 10941. The larval cases can be found on the leaves of *Stellaria* sp.. The species is widely distributed over central and western Europe extending northwards to southern Scandinavia (EMMET, 1996). The known localities nearest to the Spanish site are in central France and in Italy.

Coleophora haoma Baldizzone, 1994

Material examined: "Spanien, Almeria, Rambla Tabernas, 100 m., 5-III-2003, leg. W. Schmitz". 1 ♂, gen. prep. Wf 9150; id., 1 ♀, gen. prep. Wf 9110; id., 24-III-2005, 24-III-2005, leg. Viehmann. 1 ♂, gen. prep. Wf 9505, 1 ♀, gen. prep. Wf 10012; id., 24-III-2009, 2 ♀♀, gen. preps. Wf 10871, 10872. "Spanien, Almeria, Pulpi 3 km. SW, 200 m. 22-III-2005, leg. Viehmann", 1 ♀, gen. prep. Wf. 9554.

This species was described after one male specimen collected near Bandar-Abbas, S-Iran

(BALDIZZONE, 1994). Recently it was discovered on the island of Fuerteventura (VAN DER WOLF, 2009). The adult and the male genitalia were described and illustrated in BALDIZZONE (1994), the female genitalia in VAN DER WOLF (2009). The taking of specimens in the desert of Tabernas means that the species is now part of the European fauna.

The foodplant and the early stages of *Coleophora haoma* are as yet unknown.

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BIBLIOGRAPHY

- BALDIZZONE, G., 1994.— Contribuzioni alla conoscenza dei Coleophoridae. LXXV. Coleophoridae dell'Area Irano-Anatolica e regioni limitrofe (Lepidoptera).— *Ass. Nat. Piem. Memorie*, **3**: 1-424.
- EMMET, A. M. (ed.), 1996.— *The moths and butterflies of Great Britain and Ireland. Yponomeutidae - Elachistidae*, **3**: 452 pp. Harley Books, Colchester.
- VAN DER WOLF, H. W., 2009.— Coleophoridae from Fuerteventura, Canary Islands, Spain (Lepidoptera: Coleophoridae).— *SHILAP Revta. lepid.*, **37** (146): 161-166.

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