
Araştırma Makalesi / Research Article

***Acrobasis advenella* Zincken, 1818'nın Türkiye'deki Yayılışı Üzerine**

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Özet

Bu çalışma *Acrobasis advenella*'nın Türkiye'deki dağılımı ile ilgilidir. Türün yayılışı ve larval besin bitkilerinin yanısıra ergin bir dişi birey ve habitatına ait resimler de bu çalışmada sunulmuştur.

Anahtar Kelimeler: *Acrobasis*, *advenella*, yayılış, Şirvan

On the Distribution of *Acrobasis advenella* Zincken, 1818 in Turkey

Abstract

This paper deals with distribution of the *Acrobasis advenella* in Turkey. Larval food plants and distribution as well as a female adult and habitat pictures of species were presented in this study.

Keywords: *Acrobasis*, *advenella*, distribution, Şirvan

1. Introduction

Pyralidae comprise the largest family of Lepidoptera with about 16,500 described species, but a probable fauna of at least 25,000 species worldwide [1]. The number of known pyralid species is 647 in Turkey and 8 in Siirt province [2-3]. While 16 species of *Acrobasis* (syn= *Conobathra*, syn= *Trachycera*) genus are known in Turkey, only 3 species are known in Southeastern Anatolia of Turkey [3].

Acrobasis advenella was described from Germany by Zincken in 1818 [4]. It is highly widespread in Europe, reaching as far as Russia eastwards [5]. In Turkey, this species is known only in Trabzon province [3]. So far, its larval food plants have been reported as *Crataegus* sp., *Pyrus* sp., *Sorbus* sp., *S. aucuparia*, *Malus pumila*, *Mespilus arbutifolia* [6].

The Şirvan district is located in the Siirt Province of the Southeastern Anatolian Region in Turkey. This district contains mountains and rocky areas. The vegetation in the southern part of the district is usually steppe formation while in the northern part it has mountainous areas with rare or dense oak communities. This study contributes to distribution of *A. advenella* in Turkey.

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2. Materials and Methods

The material was collected in Şirvan district by using light trap (18 W UV light) (Figure 1). The collected sample is kept in the second author's collection.



Figure 1. Habitat of *A. advenella*, photo E. Seven

3. Results and Discussion

A. advenella was collected during the field study in Şirvan district (Figure 2). The location of this species is as follows: Siirt, Şirvan, Kesmetaş, alt. 1510-m, 05.09.2013, 38°10'17"N - 42°12'35"E.



Figure 2. Adult of *A. advenella* (♀), dorsal view, photo E. Seven

4. Conclusions and Recommendations

As a result of this study, *Acrobasis advenella* has been found for the second time in Turkey. This species is new in Siirt province and Southeastern Anatolia, with this species the number of pyralidae rises to 8. Also the number of *Acrobasis* species in the region rises to 4. It is possible to find out this species during detailed field study in different regions of Turkey.

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