

Acta entomologica serbica, 2012, 17(1/2): 171-173

UDC 595.783(497.11)

Short communication

## ACANTHOPSYCHE ECKSTEINI (LEDERER, 1855) (LEPIDOPTERA: PSYCHIDAE) – SECOND RECORD FOR SERBIA

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There are six species of the genus *Acanthopsyche* Heylaerts, 1881 present in Europe (SOBCZYK, 2011). Data about Psychidae of Serbia are very scarce (e.g. ANĐUS, 1984; ZEČEVIĆ, 1996; ZEČEVIĆ, 2002; KURTZ & HORVAT, 2010) and only ROTHSCILD (1909-1917) registered *Acanthopsyche ecksteini* (Lederer, 1855). This species inhabits steppe regions (KOZHANTCHIKOV, 1956). It is also distributed in Croatia (KOČA, 1900), FYR Macedonia (PINKER, 1945), Bulgaria, Czech Republic, Hungary, Italy, Romania, Slovakia (SAUTER & HÄTTENSWILER, 1996), Ukraine (RUTJAN, 2003), Slovenia (ŠTANTA, 2008); Russia (Volga-Don region) (SINEV & LOVTSOVA, 2008), Georgia, Turkmenistan (KOZHANTCHIKOV, 1956); Central Asia (SAUTER & HÄTTENSWILER, 1991).

Mentioned papers about Psychidae of Serbia did not cite ROTHSCILD (1909-1917); neither did SAUTER & HÄTTENSWILER (1996) nor SOBCZYK (2011). According to them *A. ecksteini* was not a member of Serbian fauna. Rothschild and his collaborators collected butterflies and moths in Hungary (Adatok Magyarországi lepkefaunájához - Beiträge zur Lepidopterenfauna Ungarns) but localities are in today's Hungary, Romania and Serbia. In this paper Rothschild listed ten species of Psychidae at six localities in Vojvodina, an autonomous province in northern Serbia. A ♂ specimen of *A. ecksteini* was found in Deliblato Sands in Flamunda on April 27th 1911.

Male adults have a body covered by whitish, yellowish gray hairs. Wings are translucent, gray with dark gray fringes. Females have reduced wings. Their case consists of dead grass stems, lengthwise parallel. The case of the male is covered with short grass stems, approximately half clothed, and then ends in a long thin tube. The case of the female is made of long thin grass stalks so that they go far beyond the end of the case (LEDERER, 1855). Adults emerge in the end of March and April (KOZHANTCHIKOV, 1956).

During examination of Lepidoptera collections in the Natural History Museum in Belgrade six cases of *Acanthopsyche ecksteini* (Lederer, 1855) were noticed (Figs. 1, 2). Specimens belong to the collection of Dr.

Zoran GRADOJEVIĆ. ANĐUS (1984) published a paper about Psychidae in collections from the Natural History Museum. That publication did not include data from the collection of Z. GRADOJEVIĆ (collected in Deliblato Sands in 1953, 1954 and 1956) when GRADOJEVIĆ was preparing his PhD thesis (GRADOJEVIĆ, 1963). According to this thesis, the following species of Psychidae were recorded in Deliblato Sands: *Acanthopsyche atra* (Linnaeus, 1767), *Cenephora hirsuta* (Poda, 1761), *Rebelia* sp. and *Taleporia* sp. Examined material of *Acanthopsyche ecksteini* had labels with the wrong determination of *Fumaria casta*. New determination labels were added by the author.

Data from labels:

N.E. Serbia, Deliblato Sands, FFK, 27.07.1954, *Fumaria casta* ? larva

FOK, 21.09.1954, Psychidae, *Fumaria*

*Fumaria casta* ? larva

N.E. Serbia, Deliblato Sands, DK 08.09.1956, *Fumaria casta* ? larva

N.E. Serbia, Deliblato Sands, DK 08.09.1954, *Fumaria casta* ? larva

N.E. Serbia, Deliblato Sands, BK 23.07.1953, *Fumaria casta* ? larva

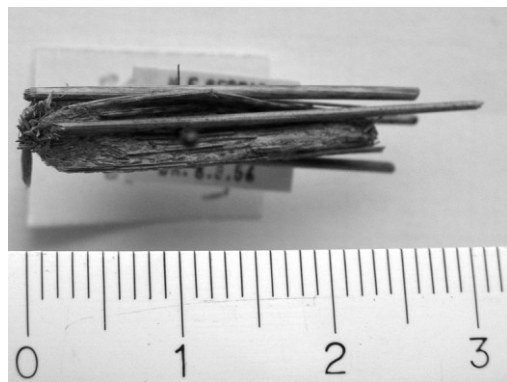


Figure 1. Case of *Acanthopsyche ecksteini* (Lederer, 1855), with label with wrong determination: "N.E. Serbia, Deliblato Sands, DK 08.09.1956, *Fumaria casta* ? larva" (case length 24 mm).

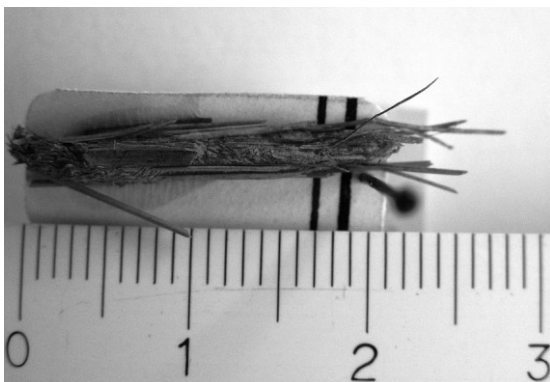


Figure 2. Case of *Acanthopsyche ecksteini* (Lederer, 1855), with label with wrong determination: "N.E. Serbia, Deliblato Sands, BK 23.07.1953, *Fumaria casta* ? larva" (case length 21 mm).

**Acknowledgements.** I wish to thank Aleksandar STOJANOVIĆ from the Natural History Museum in Belgrade for providing material from the Museum collection.

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lepidopterologica, 14: 69-89; SAUTER, W. & HÄTTENSCHWILER, P., 1996. In: Karshlolt, O. & Razowski, J. (eds.): Psychidae. Apollo Books, Stenstrup, pp.: 39-46; SINEV, S.Y. & LOVTSOVA, Y.A., 2008. In: Sinev, S.Y. (ed.): Catalogue of the Lepidoptera of Russia. KMK Scientific Press Ltd., St. Petersburg-Moscow, 424 pp.; SOBZYK, T., 2011. In: Nuss, M. (ed.): Psychidae (Lepidoptera). Apollo Books, Stenstrup, 467 pp.; ŠTANTA, R., 2008. Acta entomologica Slovenica, 17(1): 63-66; ZEČEVIĆ, M., 1996. The overview of butterfly fauna of Serbia (Macrolepidoptera). Institute for research in agriculture, Serbia and IP Nauka, Belgrade, 159 pp. [in Serbian]; ZEČEVIĆ, M., 2002. Butterfly fauna of Timočka Krajina (E Serbia). DŠIP 'Bakar' Bor i Narodni muzej, Zaječar, 307 pp. [in Serbian]; ZEČEVIĆ, M. & VAJGAND, D., 2001. Sveske Matice srpske, No. 37, Serija prirodnih nauka, 11: 34-78.

## ACANTHOPSYCHE ECKSTEINI (LEDERER, 1855) (LEPIDOPTERA: PSYCHIDAE) – DRUGI NAŁAZ ZA SRBIJU

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### Извод

Постоји шест врста рода *Acanthopsyche* Heylaerts, 1881 које живе у Европи (SOBZYK, 2011). Врло је мало података о фауни Psychidae Србије (нпр. ANĐUS, 1984; ZEČEVIĆ, 1996; ZEČEVIĆ, 2002; KURTZ & HORVAT, 2010) и само ROTHSCHILD (1909-1917) бележи *Acanthopsyche ecksteini* (Lederer, 1855). Врста је распрострањена и у Хрватској (КОЏА, 1900), Македонији (PINKER, 1945), Бугарској, Чешкој Републици, Мађарској, Италији, Румунији, Словачкој (SAUTER & HÄTTENSCHWILER, 1996), Украјини (RUTJAN, 2003), Словенији (Štanta, 2008); Русији (Волга-Дон регион) (SINEV & LOVTSOVA, 2008), Грузији, Туркменистану (KOZHANTCHIKOV, 1956); Централној Азији (SAUTER & HÄTTENSCHWILER, 1991).

Поменути радови о Psychidae Србије не цитирају ROTHSCHILD (1909-1917), нити га цитирају SAUTER & HÄTTENSCHWILER (1996) ни SOBZYK (2011). Према њима *Acanthopsyche ecksteini* не припада фауни Србије.

Током испитивања колекције лептира у збиркама Природњачког музеја у Београду, уочено је шест примерака ларвених кућица *Acanthopsyche ecksteini*. Примерци се налазе у колекцији Др Зорана ГРАДОЈЕВИЋА. Материјал је сакупљен у Делиблатској пешчари 1953., 1954. и 1956. године. Примерци су имали етикете са нетачном детерминацијом, али је аутор додао нове детерминаторске етикете.