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**FIRST RECORD OF *ACROBASIS RUBRIZONELLA* (RAGONOT, 1893)
(LEPIDOPTERA: PYRALIDAE, PHYCITINAE) IN RUSSIA**

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Summary. *Acrobasis rubrizonella* (Ragonot, 1893) is recorded from Russia for the first time. The images of a male specimen together with a description of its external morphology and genital structure are given. The data on geographical distribution of the species and its current taxonomic position are provided.

Key words: Lepidoptera, pyralid moths, fauna, new record, Russian Far East.

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Резюме. *Acrobasis rubrizonella* (Ragonot, 1893) впервые указывается для России. Приводятся изображения и описание самца по внешней морфологии и строению гениталий. Обсуждаются географическое распространение и современное таксономическое положение вида.

INTRODUCTION

Acrobasis Zeller, 1839 is a large genus of snout moths with an almost cosmopolitan distribution and rather uniform appearance. Its key identifying feature is a pointed tooth on the first segment of male antennae. More than 150 species have been discovered worldwide, including 35 in the Palearctic realm, about 30 in Russia and more than 15 in the Far East (Anikin *et al.*, 2016). Some of the Far Eastern species have only been discovered recently due to their limited distribution, namely *Acrobasis bellulella* (Ragonot, 1893), *Acrobasis subflavella* (Inoue, 1982) (Streltsov, 2012), *Acrobasis sasakii* Yamanaka, 2003 (Streltsov & Dubatolov, 2009) and *Acrobasis canella* Yamanaka, 2003 (Dubatolov & Streltsov, 2010). All of these species can also be found in Japan. Three males of the genus *Acrobasis* belonging to a species previously unknown in Russia were found during a review of materials stored at the Zoological Institute of the Russian Academy of Sciences (St Petersburg).

NEW RECORD

***Acrobasis rubrizonella* (Ragonot, 1893)**

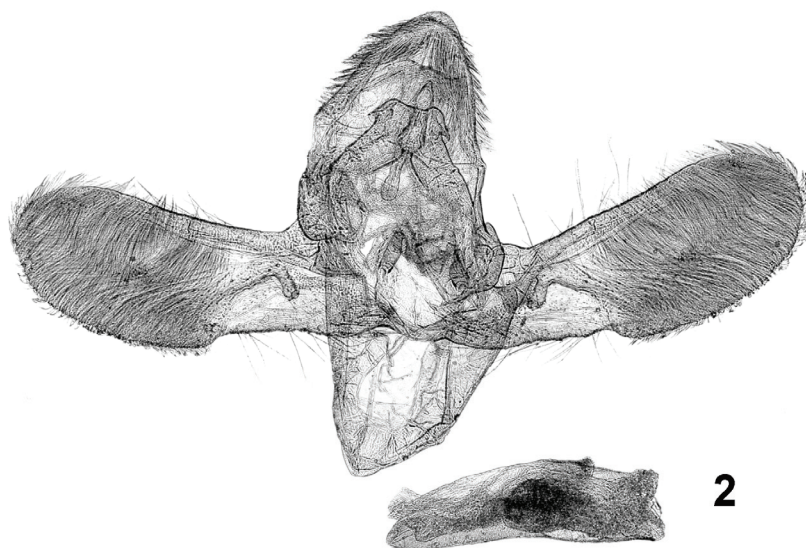
Figs 1, 2

Nephopteryx rubrizonella Ragonot, 1893: 277, pl. 43, fig. 12 (type locality: Japan).

Eurhodope heringii: Inoue 1982: 252.

Acrobasis rubrizonella: Yamanaka *et al.*, 2013.

MATERIAL. **Russia:** Primorskii krai, Khasansky district, 59 km SW of the Slavyanka, Furugelma Island, 42°28'N, 130°55'E, 16–18.VII 2015, 1 ♂, S.Yu. Sinev; 18 km SE of Spassk Dalny, Kalinovka retreat, 44°28'N, 132°58'E, 170 m, 7–9.VII 2018, 2 ♂, S.Yu. Sinev.



Figs. 1, 2. *Acrobasis rubrizonella*, male (Primorskii krai: Furugelm Island). 1 – habitus; 2 – genitalia.

DESCRIPTION. Male. Antennae: basal segment with a large tooth. Forewing length 10–11 mm; wingspan 20–22 mm. Forewings light grey; wide transverse reddish-brown basal band pattern surrounded by thin black lines on both sides; basal band wide near the anal edge of the wing, narrows down closer to the costal edge; two small black roundish spots connected

by a thin line at the top of the discal cell; post-medial transverse band relatively thin with a wide bend in the middle. Hind wings grey, without pattern. Fringe grey.

Male genitalia (Fig. 2): morphology typical of the genus; uncous broad with a rounded apex; gnathos short and straight with a pointed apex; valva wide with a small rod-shaped harpa; aedeagus thick, shorter than the valva, without cornuti on the vesica.

DISTRIBUTION. **Russia** (new record): Primorskiï kraï; **Japan**: Hokkaido, Honshu, Shikoku, Kyushu (Yamanaka *et al.*, 2013).

REMARKS. The species was first described by E. Ragonot as *Nepopteryx rubrizonella* based on a single female specimen from Japan (Ragonot, 1893). H. Inoue subsequently synonymized this taxon with *Rhodophaea heringii* (Ragonot in Joannis & Ragonot, 1889), giving it a new designation of *Eurhodope heringii*. *Rhodophaea heringii* was described based on a single female specimen from the island of Sri Lanka (Ceylon). R.-U Roesler (1988) revised the *Rh. heringii* type using additional material (including male specimens) and concluded that the taxon *heringii* belonged to the genus *Pempelia* Hübner, 1825. Thus, it was proven that *rubrizonella* and *heringii* were nonconspecific. Yamanaka *et al.* (2013) restored the status of *rubrizonella* and transferred it to the genus *Acrobasis* Zeller, 1839.

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