New Records of Carpenter-Moths from Southern Urals (Russia)
(Lepidoptera: Cossidae)

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Abstract

The article gives data on the species Kotchevnik modestus (Staudinger, 1887), new for the Russian fauna, and on the founding’s new for Southern Urals: Deserticossus volgensis (Christoph, 1893), Phragmataecia albida Erschoff, 1874 and Zeuzera pyrina (Linnaeus, 1761).

KEY WORDS: Lepidoptera, Cossidae, fauna, new record, Ural, Russia.

Introduction

The fauna of Carpenter-Moths (Cossidae) of Russia is studied quite well. The basic information is given in the author’s papers (YAKOVLEV, 2007; SINEV, 2008). Additionally, two species of Cossidae from Dagestan Republic (Caucasus) and Tuva Republic (Southern Siberia) were described later (YAKOVLEV et al., 2015a; SALDAITIS et al., 2017). Thus, for the Russian fauna, 34 Cossidae species are currently registered, and the distribution of species by regions of the country has been relatively well studied. It also refers to the fauna of Southern Urals; a special paper (YAKOVLEV, 2005) describes the distribution of Cossidae in this region.

Material and methods

The collection of material was performed in the Orenburg Province by A. Ukrainskyi and P. Gorbunov (Figs. 1-2). The material is deposited in the author’s collection (Barnaul, Russia).

Results

Kotchevnik modestus (Staudinger, 1887) (Figs. 3-4)
Distribution: Kazakhstan, Kyrgyzstan, Uzbekistan, NW China, Iran (YAKOVLEV, 2011), Russia (Orenburg Province). New for Russia.

*Deserticossus volgensis* (Christoph, 1893) (Figs. 5-6)
Distribution: NW Kazakhstan, Southern Volga Region, Northern Caucasus (Stavropol Province and Daghestan), Southern Urals (Orenburg Province) (YAKOVLEV, 2011). New for Southern Urals.

*Phragmataecia albida* Erschoff, 1874 (Fig. 7)
Distribution: Iran, Turkmenistan, Uzbekistan, Kazakhstan, NW China, Afghanistan, Russia (S. Volga reg.) (YAKOVLEV, 2011; YAKOVLEV et al., 2015b; YAKOVLEV & WITT, 2016). New for Southern Urals.

*Zeuzera pyrina* (Linnaeus, 1761) (Fig. 8)
Distribution: Distribution: Europe including S. England, N. Africa (Egypt, Tunisia, Morocco, Algeria, Mauritania), Iran, Lebanon, Syria, Turkmenistan, Turkey, Caucasus, Transcaucasia, Southern Urals, N. America (Massachusetts, Connecticut, New York, New Jersey), Central Africa (Ghana) (YAKOVLEV, 2011).
This species was recorded for Bashkortostan and the Orenburg region without specifying exact localities (ANIKIN et al., 2000, 2017). It was indicated that there was no new material for Southern Urals (YAKOVLEV, 2005). The present founding confirms the presence of the species in the Southern Urals and its distribution in the Asian part of Russia.

**Conclusion**

Thus, the Russian fauna has been supplemented by one more Cossidae species- *Kotchevnik modestus* (Staudinger, 1887). It seems promising to study the southern border regions of Russia to clarify the species composition of the fauna.

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Figs. 1-2.– 1. Map of the collecting localities. 2. Russia, Orenburg Province, Guberlya river Valley (photo by P. Gorbunov).