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A review of the Palaearctic *Heliocheilus translucens* Felder & Rogenhofer, 1874 species-group with description of a new species from West Mongolia (Lepidoptera, Noctuidae, Heliiothinae)

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Abstract

Three Palaearctic species of the *Heliocheilus translucens* species-group are reviewed. One new species, *H. tengri* Volynkin & Matov, **sp. n.** is described from West Mongolia, southwestern part of Mongolian Altai Mts. The adults, male and female genitalia are illustrated.

Key words: Lepidoptera, Noctuidae, Heliiothinae, *Heliocheilus*, new species, Asia, Mongolia, Tibet, Pacific region, Himalaya

Introduction

Heliocheilus Grote, 1865 is a cosmopolitan genus belonging to the noctuid subfamily Heliiothinae Boisduval, [1828]. The genus belongs to the *Heliothis* genus-group, the systematics of the Palaearctic members of the genus was reviewed by Fibiger *et al.* (2009). The *H. translucens* species-group includes two described Palaearctic species. In the course of studies on Lepidoptera of the Altai mountain country (Volynkin 2012; Yakovlev 2012) a third, undescribed species of the species group was identified among material from the southern part of the Mongolian Altai. The present paper comprises the review of the *H. translucens* species-group and description of the new species.

Material and methods

Specimens for this study are held in the following collections: Zoologisches Forschungsmuseum Alexander Koenig (ZFMK, Bonn, Germany), Zoological Institute of the Russian Academy of Sciences (ZISP, St.-Petersburg, Russia), Siberian Zoological Museum, Institute of Animal Systematic and Ecology of the Siberian Branch of the Russian Academy of Sciences (SZMN, Novosibirsk, Russia), Institute of Biology and Soil Science (IBSS, Vladivostok, Russia) and coll. Anton Volynkin (AVB, Barnaul, Russia). All material was examined using modern dissection standards for preparation of male and female genitalia of Lepidoptera. The depository of the types of the new species is stated in the paragraph 'Type material'.

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