



A review of the genus *Palaeagrotis* with description of a new species from South Mongolia (Lepidoptera, Noctuidae)

ANTON V. VOLYNKIN^{1,4}, PÉTER GYULAI² & GOTTFRIED BEHOUNEK³

¹Altai State University, South Siberian Botanical Garden, Lenina str., 61, RF-656000, Barnaul, Russia; Tomsk State University, Institute of Biology, Ecology, Soil Science, Agriculture and Forestry, Lenina Avenue, 36, RF-634050, Tomsk, Russia. E-mail: volynkin_a@mail.ru

²H-3530 Miskolc, Mélyvölgy 13/A, Hungary. E-mail: gyulainegarai.adrienne@upcmail.hu

³Sudetenstrasse 6, B-85567 Grafing bei München, Germany. E-mail: gottfried.behounek@t-online.de

⁴Corresponding author

Abstract

A small Central Asian Noctuidae genus *Palaeagrotis* Hampson, 1907 is revised. One new species, *P. adrienneae* Volynkin, Gyulai & Behounek, **sp. n.** is described from South Mongolia. The lectotypes of *Hadena inops* Lederer, 1853 and *Heterographa sibirica* Staudinger, 1896 are designated. The adults, and the male and female genitalia are illustrated.

Key words: Lepidoptera, Noctuidae, *Palaeagrotis*, new species, Asia

Introduction

The recently described Noctuidae subtribe Pseudohadenina Ronkay & Fibiger belongs to the tribe Xylenini of the subfamily Xyleninae Guenée. The taxonomy of the subtribe has been studied in a series of publications (Ronkay & Varga 1989; 1993; Ronkay *et al.* 1995; Ronkay *et al.* 2002; Fibiger & Hacker 2007). According to Fibiger & Hacker (2007), the tribe includes six genera in the Palaearctic region: *Pseudohadena* Alphéraky, *Rhiza* Staudinger, *Eremohadena* Ronkay, Varga & Fábíán, *Orohadena* Ronkay, Varga & Gyulai, *Scotocampa* Staudinger and *Lanatopyga* Gyulai & Ronkay. The seventh genus, *Palaeagrotis* Hampson was included to the tribe by Volynkin (2012). *Palaeagrotis* is a small genus including two described Central Asian species, *P. inops* (Lederer) and *P. sibirica* (Staudinger). The third, yet undescribed species was discovered by the authors during the treatment of materials collected in South Mongolia. The present paper is a taxonomic review of the genus *Palaeagrotis* with description of the new species.

Material and methods

Specimens for this study are held in the following collections: Museum für Naturkunde, Berlin (NKMB, Berlin, Germany), Zoologische Staatssammlung, München (ZSM, Munich, Germany), Zoological Institute of the Russian Academy of Sciences (ZISP, Saint Petersburg, Russia), and the private collections of Péter Gyulai (PGM, Miskolc, Hungary), Anton Volynkin (AVB, Barnaul, Russia), Gábor Ronkay (GRB, Budapest, Hungary) and Gottfried Behounek (GBG, Grafing, Germany). 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".