



## Two new genera and one new species of Pantheinae from East Asia (Lepidoptera, Noctuidae: Pantheinae). Revision of Pantheinae, contribution XI

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### Abstract

Two new genera, *Pantheaforma* **gen. n.** (Type-species *Pantheaforma ihlei* **sp. n.**) and *Chrisotea* **gen. n.** (Type-species *Trichosea zhangii* Chen, 1990) from East Asia and a new species *Pantheaforma ihlei* **sp. n.** from Thailand and Myanmar are described. New combination *Chrisotea zhangii* (Chen, 1990), **comb. n.** is proposed. New taxa are illustrated with imagines in colour and male and female genitalia. The little-known species *Pantheana yangzisherpana* Hreblay, 1998, formerly only known from Nepal is reported for China for the first time.

**Key words:** Lepidoptera, Noctuidae, Pantheinae, new genus, new species, new combination, Myanmar, Thailand, China

### Introduction

Taxonomic revision of the subfamily Pantheinae of the Oriental Region (Behounek, Han & Kononenko 2011a, 2011b, 2012a, 2012b, 2013a, 2013b; Behounek, Kononenko 2011a, 2011b, 2012a, and 2012b) has revealed some taxa, which do not correspond morphologically to the type-species of any genera Palaeartic, Nearctic or Oriental Pantheinae. Two new genera, *Pantheaforma* **gen. n.** with type-species *Pantheaforma ihlei* **sp. n.** and *Chrisotea* **gen. n.** with type-species *Trichosea zhangii* Chen, 1990 and a new species *Pantheaforma ihlei* **sp. n.** are described herein to make their names available for further taxonomic and faunistic work. The holotype of *Pantheaforma ihlei* **sp. n.** is deposited in the collection of Armin Becher, (Germany), later in the collection of Zoologische Staatssammlung Munich, Germany (ZSM); the paratype male of *P. ihlei* **sp. n.** (examined by photograph kindly presented us by Gabor Ronkay) preserved in Nature History Museum (London); the paratypes male and two females are deposited in the collection of Southwest Forestry University, Kunming, China (SWFU). Beside the description of the new taxa we included to the article the data on a new record of *Pantheana yangzisherpana* Hreblay, 1998 in South Tibet (Aut.Reg. Xizang, China).

### Material and methods

The article is based on the collections of Armin Becher, (AB), Gottfried Behounek (GB), Wolfgang Speidel (WS) (all Germany), Gabor Ronkay (GR) (Hungary), Southwest Forestry University, Kunming (SWFU) and Northeast Forestry University, Harbin (NEFU) (both China). Some materials were examined from the collections of Nature History Museum (NHM, London) and Zoological Institute of Russian Academy of Sciences (ZISP). Standard methods and chemicals were used for dissection of the abdomen and preparation of the genitalia prep.s. All examined specimens were photographed using a Nikon Coolpix 4500; genitalia preparates were photographed by same camera attached to a microscope with an LM-scope adapter, and further processed and combined to plates by Adobe Photoshop CS3 software.

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