



A revision of the genus *Anepholcia* Prout, 1924 with description of three new species from South East Asia (Lepidoptera, Noctuidae). Revision of Pantheinae, Contribution IV

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Abstract

The genus *Anepholcia* Prout, 1924 of the subfamily Pantheinae is revised. Three new species (*Anepholcia kobesi* sp. n., *A. brechlini* sp. n. and *A. philippina* sp. n.) from Sumatra and Philippines are described. The misidentification of *A. talboti* Prout, 1924 by Kobes is corrected. A key for identification of *Anepholcia* species based on external characters and male genitalia characters is provided.

Key words: Lepidoptera, Noctuidae, Pantheinae, *Anepholcia*, new species, key, South East Asia, Sumatra, Philippines

Introduction

The Oriental pantheine genus *Anepholcia* was first separated by A.E. Prout (1924) from the heterogeneous complex *Trisuloides* sensu older authors (Hampson 1910; Warren 1912; Jordan *et al.*, 1909–1914) (Behounek *et al.* 2011). Originally *Anepholcia* included the type-species *A. talboti* and *A. pygaria*, both described from Sumatra. Although the genus contains a complex of species nearly indistinguishable by external appearance, it has not been revised since Prout's time. In the course of revisions of the subfamily Pantheinae in South East Asia, we found three new species of *Anepholcia*, one from Sumatra and two from Philippines, and these are described here. This article is based on materials from the collections of Zoologische Staatssammlung, Munich (ZSM), the Natural History Museum, London (BMNH), and the private collections of G. Behounek (GB) and L. Kobes (presently in ZSM). For our study we examined all available materials on *Anepholcia*, including photographs of types of *A. pygaria* and *A. talboti* from NMNH (kindly provided by Gabor Ronkay). Methods for dissections follow Kononenko & Han (2007). All specimens were photographed using a Nikon Coolpix 4500; the genitalia slides were photographed by same camera attached to a microscope with an LM-scope adapter, and further processed in Adobe Photoshop CS3 software.

Systematic account

Genus *Anepholcia* Prout, 1924

ANEPHOLCIA Prout, 1924, in Prout & Talbot, *Bull Hill Museum, Witley* 1: 401.

Type species *Anepholcia talboti* Prout, 1924, *ibidem* 1: 402, pl. 13, fig. 9, by original designation.

Diagnosis. Rather large (wingspan 45–58 mm) moths with robust body and dark glossy yellowish-brown forewing and bright-yellow dark bordered hindwing. The antennae of both sexes bipectinate, the pectination tapering api-