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Review of the genus *Andrioplecta* Obraztsov (Lepidoptera: Tortricidae: Olethreutinae) from China

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Abstract

The Chinese species of *Andrioplecta* Obraztsov, 1968 are reviewed. Six species are treated, including one new species (*A. angusticuculla*, **sp. nov.**) and three species newly recorded from China (*A. phuluangensis*, *A. shoreae* and *A. suboxystaura*). Images and descriptions of adults and genitalia are provided, along with a key to the species in China.

Key words: new species, new record, taxonomy

Introduction

Andrioplecta was proposed by Obraztsov (1968), with *Laspeyresia pulverala* Meyrick as the type species. Members of the genus usually have an oblique submedian patch and lack the ocelloid patch on the forewing; the male genitalia often have an ovate or semiovate cucullus and a straight aedeagus that is abruptly narrowed in the distal 1/4 to 1/3 (in some species the aedeagus curved or sinuate); the female genitalia often have an ostium bursae surrounded by an incomplete sclerotized ring and a ductus seminalis that arises from the posteroventral wall of the corpus bursae.

There are currently nine described species, all of which are restricted to the southeastern Palearctic: Thailand, Philippines, India, Korea, Japan, Indonesia (Java), Malaysia, Nepal and China; only two species were recorded from China previously (Komai 1999; Liu 2002). Here we report six species of *Andrioplecta* from China, with one described as new and three recorded for the first time from China.

Material and methods

This study is based on specimens collected using light traps in China. Morphological terminology follows Baixeras (2002) and Komai (1999). Genitalia were prepared and mounted following the methods described by Li (2002). Images of the adults were captured with a Nikon D300 digital camera plus macro lens, and images of genitalia were captured using an Olympus C-7070 digital camera. All specimens examined, including the types of the new species, are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

Abbreviations

BMNH	The Natural History Museum, London, England = formerly British Museum (Natural History)
NKUM	Insect Collection, College of Life Sciences, Nankai University, Tianjin, China
OPU	Entomological Laboratory, Osaka Prefecture University = formerly University of Osaka Prefecture), Sakai, Japan
ZMUC	Zoological Museum, University of Copenhagen, Denmark

Distribution. China (Guangxi, Hainan), Malaysia, Philippines, Thailand (Komai 1999).

Remarks. This species is recorded for the first time from China.

Andrioplecta suboxystaura Komai, 1992

(Figs. 6, 11)

Andrioplecta suboxystaura Komai, 1992: 161. Type locality: Thailand (Nakhon Nayok Province, Khao Yai). Holotype (♂): OPU.

Material examined. Henan: 1 ♂, Lingshansi, Luoshan County, 350 m, 23.v.2000, leg. Haili Yu; 3 ♂, Mt. Wangwu, Ji Yuan County, 800–1100 m, 28–30.vii.2006, leg. Hui Zhen and Denghui Kuang.

Diagnosis. Adult (Fig. 6) with wingspan 12.0–15.0 mm. *Andrioplecta suboxystaura* is characterized by the forewing pattern which features a dorsal blotch formed by four gray lines. It is very close to *A. oxystaura* (Meyrick, 1935) in genital structures. The differences between them are noted under the latter species.

Distribution. China (Henan), Thailand.

Remarks. This species is recorded for the first time from China.

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