



Taxonomic review of the Genus *Deltoplastis* Meyrick (Lepidoptera: Lecithoceridae) in China and its neighbouring countries, with a world catalogue of the genus

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Abstract

The genus *Deltoplastis* Meyrick is reviewed from China and its neighbouring countries. Fifteen species are recognized, including nine new species: *D. angustifoliacea* sp. nov., *D. conjugata* sp. nov., *D. dentata* sp. nov., *D. curviloba* sp. nov., *D. gyroflexa* sp. nov., *D. hippocrepica* sp. nov., *D. mamillata* sp. nov., *D. acutiprocessa* sp. nov., and *D. maehongsonensis* sp. nov. The male of *D. causicidica* (Meyrick, 1910) and the female of *D. prionaspis* Gozmány, 1978 are described for the first time. *Deltoplastis causicidica* (Meyrick, 1910) from China and Thailand, *D. gypsopeda* Meyrick, 1934 from Thailand and India, *D. commatopa* Meyrick, 1932 from Vietnam and India, *D. lobigera* Gozmány from India are newly recorded for each country. Photographs of adults and genitalia are provided, along with a key to the species and a world catalogue of *Deltoplastis*.

Key words: Lepidoptera, Lecithoceridae, *Deltoplastis*, new species, new record, China

Introduction

The Oriental genus *Deltoplastis* Meyrick was established by Meyrick (1925) with *Onebala ocreata* (Meyrick, 1910) as type species. Meyrick (1925) transferred 14 species from *Onebala*, two species from *Gelechia*, and one species from *Antiochtha* to *Deltoplastis*. Subsequently, Meyrick (1932, 1934) described two new species, *D. commatopa* and *D. gypsopeda* from China. Gozmány (1978) transferred *Lecithocera apostatis* Meyrick, 1932 and *Brachmia sincera* Diakonoff, 1952 to *Deltoplastis* and described two additional new species from China. And Wu (1994) added one more new species *D. flavida* to the list from China. Wu and Park (1998) regarded *D. commodata* (Meyrick, 1923) as a synonym of *D. clerodotis* (Meyrick, 1910), regarded *D. tetradelta* (Meyrick, 1906) as a synonym of *D. cremnaspis* (Meyrick, 1905), and described three new species from Sri Lanka. Park and Heppner (2001) described one new species from China (Taiwan). Consequently, 27 species of *Deltoplastis* have been known. The type localities of 11 species are from Sri Lanka, eight from India, six from China, and one from Japan and Myanmar respectively.

In this paper, 15 species of *Deltoplastis* are reviewed, based on the material collected in China, Thailand, Nepal, Vietnam, and India. Among them, nine species are described as new, one species is newly recorded for China, Thailand and Vietnam respectively, three species are newly recorded for India, and the male of *D. causicidica* (Meyrick, 1910) and the female of *D. prionaspis* Gozmány, 1978 are described for the first time.

Material and methods

Specimens examined are based on material collected in Thailand by S. Moriuti *et al.* in 1983, and 1987, and deposited in the Osaka Prefecture University, Osaka, Japan (OPUJ); by O. Karsholt *et al.* in 1984 and deposited in