



Seven new species and a checklist of the genus *Thecobathra* Meyrick from China (Lepidoptera: Yponomeutidae)

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Abstract

Seven new species of the genus *Thecobathra* Meyrick are described from China, along with a checklist and a distribution map of all the known Chinese species. The new species are: *T. basilobata* sp. nov., *T. partinuda* sp. nov., *T. longisaccata* sp. nov., *T. latibasis* sp. nov., *T. acrivolvata* sp. nov., *T. paranas* sp. nov. and *T. badagongshana* sp. nov. Photographs and genital structures of the new species are provided.

Key words: Lepidoptera, Yponomeutidae, *Thecobathra*, checklist, new species, China

Introduction

The genus *Thecobathra* was erected by Meyrick in 1922 for an Assamese species, *T. acroperna* Meyrick. Moriuti (1971) transferred six species from *Pseudocalantica* Friese, 1960 and three species from *Niphonympha* Meyrick, 1914 to the present genus when revising the world species. He also described two species from China in the same paper and later described one species from Thailand (Moriuti 1982). Bradley (1982) reported one species from Norfolk Island. Gershenson and Ulenberg (1998) listed the *Thecobathra* species, but incompletely. Liu (1980, 1983 and 1984) recognized seven species and Yu and Li (2001) described one species of the genus from China. To date, 22 species of *Thecobathra* have been described worldwide, distributed mainly in Nepal, Sikkim, Bhutan, India, Japan, and China. Among these species, 16 were reported to occur in China, mostly distributed in the southern part of the country.

In the present paper, we describe seven new species of the genus *Thecobathra* based on the specimens from China. A checklist of the known Chinese species is provided, along with an identification key to the species and a general distribution map (Map 1). The type specimens are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin, China, except those kept in the National Sun Yat-sen University (NSU), Taiwan.

Thecobathra Meyrick, 1922

Thecobathra Meyrick, 1922: 553.

Type-species: *Thecobathra acroperna* Meyrick, 1922

Pseudocalantica Friese, 1960: 36.

Type-species: *Niphonympha anas* Stringer, 1930