



A new species of *Ptycholoma* (Lepidoptera: Tortricidae) from South China

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The genus *Ptycholoma* Stephens, 1829 is a small Archipini genus comprised of four species distributed in the Palaearctic and Oriental Regions (Brown, 2005; Baixeras *et al.*, 2008). Three species have been recorded from China: *P. lecheana* (Linnaeus), *P. imitator* (Walsingham), and *P. micantana* (Kennel). Liu (2002) recorded *P. plumbeolana* (Bremer), but it subsequently was transferred to *Clepsis*.

During field work in South China we discovered an undescribed species in this genus. The purpose of this paper is describe the new species and provide a comparison between it and its closest relative, *P. lecheana*. A key and the distribution map of *Ptycholoma* from China are provided.

Materials and methods

Specimens of the new species were collected by light traps at Tianpingshan Mt., Hunan Province, China. All specimens are deposited in the collection of the Department of Entomology, College of Natural Resources and Environment, South China Agricultural University, Guangzhou, China. Specimens of *P. lecheana* we examined are deposited in Department of General Systems Studies, Graduate School of Arts and Science, The University of Tokyo, Tokyo, Japan.

Terminology for morphological structures follows Scoble (1992), Horak (1999) and Razowski (2002). Photographs of the adults and genitalia were taken with a Nikon Coolpix 995 digital camera, and plates were compiled using Adobe Photoshop.

Systematics

Key to the known species of *Ptycholoma* from China

1. Forewing with conspicuous brightly colored bands 2
- Forewing without conspicuous brightly colored bands 3
2. Forewing with broad subbasal and median fascia with black edge; median fascia with a short digitiform branch near anterior median; uncus not expanding apically; valva not tapering toward apex *P. lata* **sp. nov.**
- Forewing with narrow subbasal and median fascia; median fascia with a long branch anterior median; uncus conspicuously expanded apically; valva tapering towards apically *P. lecheana*
3. Forewing with two conspicuous brown oblique faciae; uncus short, slender; valva narrow; cucullus narrow and slender (Liu, 2002) *P. imitator*
- Forewing without oblique fascia, with some purple brown scales; a conspicuous yellowish spot near discal cell; uncus broad; valva broad; cucullus short *P. micantana*

Ptycholoma lata Chen & Jinbo, nov. sp.

(Figs. 1, 3)

HOLOTYPE ♂, China, Hunan Province, Sangzhi County, Tianpingshan Mt., Zhangjiajie City, 12 May 2007, Chen Liusheng. PARATYPE (1♂). Same data as holotype.

Diagnosis. The new species is similar to *P. lecheana* in the forewing pattern and male genitalia, but can be