



Review of the Chinese species of *Eupoecilia* Stephens (Lepidoptera: Tortricidae: Cochylini)

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Abstract

Seven species of *Eupoecilia* Stephens are reported from China, including one new species, *Eupoecilia quinaspinalis* **sp. n.**, and one newly recorded species, *Eupoecilia sanguisorbana* (Herrich-Schäffer). Photographs of adults and genitalia are provided, along with a distribution map of *Eupoecilia* in China. A key to the Oriental and Palaearctic species is given.

Key words: Lepidoptera, Tortricidae, Cochylini, *Eupoecilia*, new species, China

Introduction

Eupoecilia was erected by Stephens, 1829, with *Tortrix angustana* Hübner as the type. It currently includes 36 described species (Brown, 2005; Razowski, 2005), representing about 3.7% of Cochylini diversity. Twenty-eight species are reported from the Oriental and Palaearctic regions (Razowski, 1970b, 1992, 1999, 2005; Kuznetsov, 2001; Liu & Li, 2002; Brown, 2005; Byun & Li, 2006). Five of them, *E. ambiguella* (Hübner), *E. angustana* (Hübner), *E. citrinana* Razowski, *E. inouei* Kawabe, and *E. kobeana* Razowski were reported from China by Liu & Li (2002). This paper adds two more, with *E. quinaspinalis*, **sp. n.**, and *E. sanguisorbana* (Herrich-Schäffer).

Materials and methods

This study is based on specimens collected in light traps. Morphological terminology follows Razowski (1968) and Diakonoff (1984); dissection methods follow those described by Li & Zheng (1996). All measurements are in millimeters (mm). All studied specimens are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin, China. Type locality is abbreviated as “TL”.

Taxonomy

Genus *Eupoecilia* Stephens, 1829

Eupoecilia Stephens, 1829: 190; Razowski, 1968: 103; Razowski, 1987: 166. Type species: *Tortrix angustana* Hübner, 1799.

Clysia Hübner, 1825: 409. Type species: *Tinea ambiguella* Hübner, 1796. [preoccupied]

Eupoecilia Herrich-Schäffer, 1851: 179. [misspelling of *Eupoecilia*]

Arachniotes Diakonoff, 1952: 24. Type species: *Arachniotes dactylota* Diakonoff, 1952.