



Notes on the genus *Metaeuchromius* Bleszynski (Lepidoptera: Crambidae: Crambinae) from China, with description of two new species

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Abstract

The genus *Metaeuchromius* Bleszynski is studied in China, with four species treated in this paper. *Metaeuchromius singulispinalis* **sp. nov.** and *M. anacanthus* **sp. nov.** are described as new; *M. inflatus* Schouten, 1997 is newly recorded for China; and the female of *M. flavofascialis* Park, 1990 is described for the first time. Images of the adults and genitalia are provided, along with keys to all the known species based on male and female genitalia.

Key words: Lepidoptera, Crambidae, Crambinae, *Metaeuchromius*, new species, China

Introduction

Metaeuchromius was established as a monotypic genus by Bleszynski in 1960, with *Eromene yuennanensis* Caradja, 1937 from China as the type. Later on, Bleszynski (1965) described *M. circe* from China; Park (1990) described *M. flavofascialis* from Korea; Schouten (1997) revised the genus and described *M. changensis* from China, *M. inflatus* from Nepal and *M. latoides* from Turkey, transferred *M. euzonellus* (Hampson, 1896) from India and *M. latus* (Staudinger, 1870) from Greece to the present genus, and also recorded the distribution of *M. flavofascialis* in China; Nuss & Speidel (1999) reported *M. yusufeliensis* from Turkey; Chen *et al.* (2002) described *M. fulvusalis* and *M. grisalis* from China; and Sasaki (2005) recorded *M. kimurai* from Japan. To date, *Metaeuchromius* comprises twelve species, distributed in the Palearctic and Oriental regions.

Prior to this study, six species of *Metaeuchromius* were recorded in China. The aim of the present paper is to add two new species to the genus, newly record the occurrence of *M. inflatus* Schouten in China, and describe the female of *M. flavofascialis* Park. Keys to all the known world species are provided based on male and female genitalia, respectively. Terminology follows Schouten (1997). All the studied specimens are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

Metaeuchromius Bleszynski, 1960

Metaeuchromius Bleszynski, 1960: 217. Type species: *Eromene yuennanensis* Caradja, 1884, by original designation.

Pseudeuchromius Bleszynski, 1965: 90. Type species: *Eromene lata* Staudinger, 1870, by original designation and monotypy.

General characters. Forewing ground colour white, usually suffused with brown or black scales, medial fascia and subterminal line single, apex with oblique stripes, termen with a row of terminal dots; R₁ and R₅ free, R₃ and R₄ stalked, M₂ present. Hindwing white to greyish brown, without stigma, but with spot(s) in some