

New species of *Ceroprepes* Zeller (Lepidoptera: Pyralidae: Phycitinae), with a key to Chinese species

YANLI DU^{1, 2}, SHIMEI SONG³ & DING YANG^{1, *}

¹Department of Entomology, China Agricultural University, Beijing 100094

²Department of Plant Science and Technology, Beijing Agricultural College, Beijing 102206

³Institute of Zoology, Chinese Academy of Sciences, Beijing 100080

*To whom the correspondence and reprint requests should be addressed; dyangcau@yahoo.com.cn

Abstract

Species of *Ceroprepes* Zeller found in China are reviewed. Three species are described as new: *Ceroprepes atribasilaris* sp. nov., *C. jilongensis* sp. nov. and *C. lunata* sp. nov. A key to the species is provided.

Key words: Lepidoptera, Pyralidae, Phycitinae, *Ceroprepes*, new species, China

Introduction

The genus *Ceroprepes* Zeller, 1867, is characterized by unipectinate male antennae, a scale ridge inside the antemedial line on the forewing, long lateral arms of the juxta, and a long sacculus in the male genitalia, and the long, well sclerotized antrum and nipple-shaped signum in the female genitalia. It is a Palaearctic, Oriental, and Australian genus with eight known species (Du *et al.* 2002). The major references related to the genus are as follows: Shibuya (1927), Yamanaka (1978); Roesler & Küppers (1979), Inoue *et al.* (1982), Roesler (1983), Choi *et al.* (1998), Yamanaka & Kirpichnikova (2000), Du *et al.* (2002). To date, six species are known to occur in China (Wu 1938; Luh & Kuan 1953; Sung & He 1997; Du *et al.* 2002).

In the present paper, based on specimens in the Institute of Zoology, Chinese Academy of Sciences (IOZCAS), three species are described as new to science, and a key to Chinese species of the genus is provided. All types are deposited in IOZCAS, Beijing, China.