

A review of the genus *Scirpophaga* Treitschke, 1832 in China (Lepidoptera: Pyralidae)

FUQIANG CHEN^{1,2}, SHIMEI SONG¹, CHUNSHENG WU^{1,3}

¹Institute of Zoology, Chinese Academy of Sciences, Beijing 100080, P. R. China

²Graduate School, Chinese Academy of Sciences, Beijing

³Corresponding author

Abstract

Twenty species of the genus *Scirpophaga* are recognized from China; six are reported for the first time, and two are described as new: *S. linguatella*, **sp. n.**, and *S. adunctella*, **sp. n.** *Scirpophaga melanostigma* is proposed as a synonym of *S. flavidorsalis*, **syn. n.** Keys to the species recorded from China are provided. The adults of the new species and the genital structures of all examined species are illustrated. The types of the new species and other specimens examined are deposited in the Institute of Zoology, Chinese Academy of Sciences, Beijing.

Key words: Pyralidae, Schoenobiinae, *Scirpophaga*, taxonomy, China, new species, new synonym

Introduction

Scirpophaga was proposed by Treitschke (1832) for the single species *Tinea phantasmatella* Hübner, 1796. Many early authors, including Duponchel (1836), Walker (1863), Zeller (1863), Moore (1886), Hampson (1895, 1919), and Dyar (1913), described additional species, provided redescriptions of the genus, and/or commented on its position within the family and/or subfamily. In a broader context, Caradja and Meyrick (1925–1937) provided the earliest revisions of specific groups of Pyralidae in China, and Shibuya (1928) investigated the Pyralidae of Taiwan. Estimates of pyralid diversity in China were presented by Wu (1938), who listed 587 species based on the work of Caradja, and Lu & Guan (1953), who cited 1174 species based on the work of Caradja, Meyrick, Shibuya, etc., including 8 species of *Scirpophaga*. Wang (1980) reported 14 Schoenobiinae from China, but he misidentified *Scirpophaga virginia* Schultze as *Niphadoses gilviberbis* (Zeller).

Recently, Lewvanich (1981a) revised the 35 Old World species of *Scirpophaga*,