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## First record of the genus *Neostatherotis* Oku from China, with the descriptions of four new species (Lepidoptera: Tortricidae: Olethreutinae)

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### Abstract

The tortricid genus *Neostatherotis* Oku, 1974 is newly reported from China, and four species are described as new: *N. psilata*, **sp. nov.**, *N. sparsula*, **sp. nov.**, *N. angustata*, **sp. nov.**, and *N. breviscula*, **sp. nov.** Morphological descriptions and illustrations are provided, and a key for identification of the Chinese species is given.

**Key words:** China, Lepidoptera, *Neostatherotis*, new species, Tortricoidea

### Introduction

The genus *Neostatherotis* Oku, 1974 was proposed based on *N. nipponica* Oku, 1974 from Japan. Three species of *Neostatherotis* previously were known (Gilligan *et al.* 2014): *N. nipponica* from Japan and the Russian Far East (Oku 1974, Kuznetsov 2001); and *N. pallidicornis* Razowski, 2009 from Vietnam; and *N. vietnamica* Razowski, 2009 from Vietnam (Razowski 2009). Species of *Neostatherotis* are characterized by the simple male genitalia, which possess a poorly developed uncus and socius and lack specialized spine clusters on the valva; and by the horseshoe-shaped signum (*N. nipponica*) in the female genitalia (Oku 1974).

Prior to this study, no species of *Neostatherotis* had been recorded from China. We now recognize four undescribed species of the genus: *N. psilata*, **sp. nov.**, and *N. angustata*, **sp. nov.**, from Nanling, Guangdong Province; *N. sparsula*, **sp. nov.**, from Mt. Jiulong, Zhejiang Province and Badagongshan, Hunan Province; and *N. breviscula*, **sp. nov.**, from Qinling, Shaanxi Province.

### Material and methods

Material examined in this study was collected using light traps in the field. Descriptions of forewing pattern follow the terminology proposed by Brown and Powell (1991) as refined by Baixeras (2002). Genitalia were prepared and mounted according to the methods presented by Li (2002). Photographs of the adults and the genitalia were taken with an Olympus digital camera and a Nikon digital camera. The types of the new species are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin, China (NKUM).

### Results

#### Taxonomy

##### *Neostatherotis* Oku, 1974

*Neostatherotis* Oku, 1974: 12.

Type species: *Neostatherotis nipponica* Oku, 1974, by original designation.

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