



A new species of *Tactusa* Fibiger, 2010 from Autonomous Region Xizang, China. (Lepidoptera, Erebidae, Hypenodinae). Taxonomic study of Micronoctuini. Contribution II

HUI LIN HAN^{1,2} & VLADIMIR S. KONONENKO^{3,4}

¹School of Forestry, Northeast Forestry University, Harbin 150040, People's Republic of China.

✉ hanhuilin@aliyun.com; <https://orcid.org/0000-0002-2045-6182>

²Key Laboratory of Sustainable Forest Ecosystem Management-Ministry of Education, Northeast Forestry University, Harbin 150014, Heilongjiang, People's Republic of China.

³Laboratory of Entomology, Federal Scientific Center of the East Asia Terrestrial Biodiversity, Far Eastern Branch of the Russian Academy of Sciences, Vladivostok-22, 690022, Russia. ✉ vsk528217@gmail.com; <https://orcid.org/0000-0001-6103-4800>

⁴Corresponding author

Abstract

A new species of the genus *Tactusa* Fibiger, 2010, *T. motuoensis* sp. n. is described from the Autonomous Region Xizang (Tibet), China. Key to the species of the genus *Tactusa* in China, based on the male genitalia is presented. Eight species of *Tactusa* referred for China.

Key words: Lepidoptera, Erebidae, Hypenodinae, Micronoctuini, new species, Xizang, China

Introduction

In this article we continue the series of publications revising East Asian genera of the tribe Micronoctuini (subfamily Hypenodinae, Erebidae).

Tactusa Fibiger, 2010 was erected by Fibiger (2010) as a type genus of the subfamily Tactusinae, Micronoctuidae. Currently, after downgrading the family Micronoctuidae to the tribe Micronoctini of the subfamily Hypenodinae, Erebidae (Zahiri et al. 2011a, 2011b) it was downgraded to the subtribe Tactusina. The genus *Tactusa* includes 30 species arranged into six species groups and distributed mainly in the Southeast Asia.

Totally 31 species of 12 genera belonging to the tribe Micronoctuini are known from China; among them seven species of four species-groups of *Tactusa* were recorded (Fibiger 2010, 2011; Fibiger & Kononenko 2008; Fibiger et al. 2011; Han et al. 2012, Han & Kononenko 2017, current article).

The new species of the genus *Tactusa*, belonging to the *trigonifera* species-group is described below from the southeast part of in the Xizang Autonomous Region (=Tibet), China. This is the first record of the representative of the tribe Micronoctuini from the Qinghai-Tibetan Plateau. The new species is compared with North Indian *T. schnacki* Fibiger, 2010. Illustrations of adults and the genitalia of both sexes are provided; the key for identification of Chinese species of *Tactusa* based on male genitalia as well as the Checklist and illustrations of all Chinese species are presented.

Material and methods

The material was collected by UV light in Xizang Autonomous Region (Tibet) of China. Standard methods for dissection and preparing of the genitalia slides have been used (described by Kononenko & Han 2007). Specimens were photographed using the camera Nikon D700; the genitalia slides were photographed by Olympus photomicroscope with help Helicon Focus software, further processed in Adobe Photoshop CS4. The materials on the new species, including holotype are deposited in the collection of Northeast Forestry University, Harbin, China (NEFU).