



Three new species of the genus *Issikiopteryx* Moriuti, 1973 (Lepidoptera: Lecithoceridae: Lecithocerinae) from China

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Abstract

The genus *Issikiopteryx* Moriuti is further studied in China based on the specimens collected from Zhejiang, Guizhou and Tibet. Three new species are described: *I. parelongata* sp. nov., *I. suiyangensis* sp. nov. and *I. nigeriflava* sp. nov. Photographs of adults and genital structures are provided.

Key words: Lepidoptera, Lecithoceridae, *Issikiopteryx*, new species, China, taxonomy

Introduction

Issikiopteryx Moriuti, 1973 is a small genus with 13 described species, distributed mainly in China, India and Japan (Fan & Li 2008). Members of this genus are characterized by having a lanceolate forewing sharing almost the same ground color and patterns, the male eighth sternite with a pair of caudal processes, and the female lamella antevaginalis usually produced into a sclerotized transverse band. These characters can well separate members of *Issikiopteryx* from those of other genera in Lecithocerinae.

Fan and Li (2008) reviewed the *Issikiopteryx* species in China, with a worldwide check list of the genus. We found three new *Issikiopteryx* species and describe them herein. The type specimens are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

Taxonomy

Genus *Issikiopteryx* Moriuti, 1973

Issikiopteryx Moriuti, 1973: 31. Type species: *Issikiopteryx japonica* Moriuti, 1973.

Glaucolychna Wu & Liu, 1993: 348. Type species: *Glaucolychna aurofava* Wu & Liu, 1993.

Ephelochna Wu & Liu, 1993: 351. Type species: *Glaucolychna (Ephelochna) ophrysa* Wu & Liu, 1993.

Issikiopteryx parelongata Liu & Wang, sp. nov.

(Figs. 1a, 2a, 3a)

Type material. Holotype, ♂, CHINA: Qinliangfeng, Lin'an (30°23'N, 119°72'E), Zhejiang Province, 390 m, 19.v.2012, leg. Linlin Yang & Zhenguo Zhang, genitalia slide No. LSR12039.

Description. Adult (Fig. 1a): Wing expanse 16.0 mm. Head pale white. Antenna shiny yellow, flagellum blackish brown distally. Labial palpus pale yellow, slightly whitish on inner surface; second segment normally thickened; third segment slender, pointed terminally, a little shorter than second segment. Thorax and tegula orange yellow. Forewing with apex blunt, termen oblique; ground color yellow except orange yellow along costal margin;