Taxonomic review of the genus *Spatulignatha* Gozmány, 1978 (Lepidoptera: Lecithocerinae), with descriptions of two new species in China

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**Abstract**

The genus *Spatulignatha* Gozmány is reviewed. Two new species are described based on the Chinese material: *S. arcuata* sp. nov. from Guangdong, Hunan and Yunnan, and *S. longizonalis* sp. nov. from Guangxi. The female genitalia of *S. hemichrysa* (Meyrick, 1910) and the female of *S. idiogena* Wu, 1994 are described for the first time, and the previously described female of *S. hemichrysa* by Gozmány (1978) is considered to be the female of *S. olaxana* Wu, 1994. Images of adults and genitalia are provided.

**Key words:** Lepidoptera, Lecithoceridae, *Spatulignatha*, new species, female, China

**Introduction**

*Spatulignatha* Gozmány, 1978 is a monotypic genus of Lecithocerinae. It is characterized by the two-segmented labial palpus with the second segment usually twice the length of the first and pointed or roundly widened terminally in the male, and the three-segmented labial palpus with the slender third segment slightly longer than the second in the female; the juxta usually bearing a pair of relatively large postero-lateral lobes in the male genitalia; and the ductus bursae usually sclerotized partly in the female genitalia. The genus is similar to *Lecithocera* Herrich-Schäffer, 1853 superficially, but can be distinguished by the labial palpus with two segments in the male. *Spatulignatha* was erected by Gozmány in 1978 for the type species *Lecithocera hemichrysa* Meyrick, 1910. Wu (1994) reported the occurrence of *Spatulignatha* in China, adding three new species: *S. chrysopteryx* Wu, 1994, *S. idiogena* Wu, 1994, and *S. olaxana* Wu, 1994; Park (2000) reported two known species, *S. idiogena* and *S. olaxana*, from Taiwan. To date, *Spatulignatha* Gozmány consists of four known species, distributed in China and India.

We describe two new species, and consider the previous female of *S. hemichrysa* described by Gozmány (1978) to be the female of *S. olaxana*. All the studied specimens are deposited in the Insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

**Abbreviations for the depositories:**

IZCAS The Institute of Zoology, Chinese Academy of Sciences, Beijing, China.

NKUM The insect Collection, College of Life Sciences, Nankai University, Tianjin, China.

BMNH The Natural History Museum, London, UK.

**Taxonomy**

*Spatulignatha* Gozmány, 1978

antenna, dark-brown costa of the forewing before middle and dark-brown fascia which runs obliquely from about 2/3 length of costa to before tornus, by the sacculus with an apical lobe that bears stiff hair-like scales in the male genitalia (Fig. 3f). This species is very similar to *S. hemichrysa*, and the differences between them are discussed under *S. hemichrysa*.

**Distribution.** China: (Fujian, Guangdong, Guizhou, Guangxi, Henan, Hubei, Hunan, Jiangxi, Sichuan, Taiwan, Yunnan, Zhejiang).

**Remarks.** Wu (1994) described this species on three male specimens. Park (2000) reported this species from Taiwan based on three males collected in Illan County. By comparison with the female genitalia of *S. hemichrysa* loaned from the Natural History Museum, we determined that the female of *S. hemichrysa* described by Gozmány (1978), from a specimen collected in Sichuan, China, is in fact the female of *S. olaxana* Wu.

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**References**


