



## Description of two new species of Noctuidae from China (Lepidoptera, Noctuoidea)

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### Abstract

Two new Noctuidae species *Orthosia wangwene* and *Cirrhia spalvota* from China's Sichuan province are described. Superficially the new species *Orthosia wangwene* and *Cirrhia spalvota* resemble related congeners but they can be distinguished by differences in wing pattern, genitalia and distribution. Checklists of China's *Orthosia* and Eurasian *Cirrhia* are presented.

**Key words:** Noctuidae, *Orthosia*, *Cirrhia*, new species, China

### Introduction

This is the last in a series of publications describing Sino-Tibetan Noctuidae fauna discovered on expeditions led by the first author, Aidas Saldaitis, and Alessandro Floriani (in 2010 and 2011) to different regions of China's Western Sichuan province. The material was collected in April 2007, April and October 2010, and April 2011 using artificial light. Taxonomic nomenclature and checklists used in this study have been assembled from Draudt 1950; Yoshimoto 1987; Yoshimoto 1994; Hreblay & Ronkay 1998; Hreblay *et al.* 1998; Kononenko *et al.* 1998; Chen 1999; Gyulai & Ronkay 1999; Kononenko 2005; Kononenko & Han 2007; and Ronkay *et al.* 2010a; Ronkay *et al.* 2010b. Institutional acronyms are as follows: AFM—collection of Alessandro Floriani (Milan, Italy); ASV—collection of Aidas Saldaitis (Vilnius, Lithuania); BBT—collection of Balázs Benedek (Törökbálint, Hungary); GBG/ZSM—collection of Gottfried Behounek (Grafing, Germany) / Zoologische Staatssammlung, München (Germany)

### Genus *Orthosia* Ochsenheimer, 1816

*Orthosia* Ochsenheimer, 1816, Schmett. Eur. 4: 79. Type species: *Noctua instabilis* [Denis & Schiffermüller], 1775 (= *Phalaena incerta* Hufnagel, 1766). L.t.: Austria, Vienna district.

[Synonymy: *Cuphanoa* Hübner, 1816; *Orthoa* Billberg, 1820; *Taeniocampa* Guenée, 1839; *Cyphonoa* Agassiz, 1846, emend.; *Microrthosia* Berio, 1980-]

### *Orthosia wangwene* Benedek & Saldaitis spec. nov.

(Figs. 1–4, 8, 13, 15)

**Type material. Holotype:** male (Fig. 1), China, W. Sichuan, Yaan/Kangding road, Erlang Shan Mt., 2100 m, 10–11 April 2010, leg. Aidas Saldaitis. In the collection of GBG/ZSM; slide No. JB1498m. **Paratypes:** (Figs. 2, 3, 4, 8), 2 males, 2 females from same locality as the holotype, 1 male, China, W. Sichuan, road Yaan/Kangding, Erlang Shan Mt., 2200 m, 04 April 2011, leg. Floriani & Saldaitis, 1 female, China, Sichuan, 10 km NW of Miansi, 1300 m, 4–10 April 2007, leg. Victor Sinjaev, (coll. AFM, ASV and BBT), slide Nos. JB1499m, JB1558f