



## New and little known Limacodidae (Lepidoptera) from Xizang, China

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### Abstract

Five new and little known species of Limacodidae are reported from Xizang, China. Among them, *Pseudohampsonella bayizhena* Wu & Pan, **sp. nov.** and *Squamosa monosa* Wu & Pan, **sp. nov.** are described as new, *Pseudocaissa* Solovyev & Witt and *P. marvelosa* (Yoshimoto) are newly recorded in China, and *Miresa urga* Hering and *Scopelodes kwangtungensis* Hering are reported for the first time in Xizang. The female genitalia are described for the first time in the genus *Squamosa* Bethune-Baker. Photographs of moths and the genitalia of new species and newly recorded species are given. A list of the Limacodidae known from Xizang, China is also included.

**Key words:** Lepidoptera, Limacodidae, new species, Xizang, China

### Introduction

The works of Cai (1982, 1988) reported 16 species under 15 genera of Limacodidae from Xizang, which were the results of the Comprehensive Scientific Expedition to the Qinghai-Xizang Plateau and the Mountaineering & Scientific Expedition, Chinese Academy of sciences in 1973–1976 and 1982–1984. Wu & Fang (2009a-d), Wu (2011), Wu & Solovyev (2011) and Pan, Zhu & Wu (2013) described three new species and newly recorded six more from Xizang, China based on the material collected by the Expedition Team of the Institute of Zoology, CAS in 2006. Up to date, 25 species are reported in Xizang, China. In this paper, we report another five new and little known species from Xizang, China. Among them, two species are described as new, one species is newly recorded in China, and two species are reported for the first time in Xizang.

### Material and methods

Material examined for this study was based on the insect collections of the Institute of Zoology, Chinese Academy of Sciences (IZCAS). The photographs of moths and their genitalia are given. Methods of dissection, morphometric characters, and terminology follow Cock *et al.* (1987) and Holloway (1986).

The type specimens of the new species are deposited in the Institute of Zoology, Chinese Academy of Sciences (IZCAS), Beijing, P. R. China.

### List of Abbreviations

IZCAS      Institute of Zoology, Chinese Academy of Sciences, Beijing, China  
ZMHB      Zoologisches Museum der Humboldt Universität zu Berlin, Germany