

# 中国齿卷蛾属的研究(鳞翅目:卷蛾科)

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齿卷蛾属 *Ulodemis* 系 Meyrick (1907) 根据模式种 *trigrapha* 所建立。到目前为止，世界上总共记载有五个种，都分布在亚洲南部的印度、斯里兰卡和印度尼西亚境内的山地，而我国过去尚无分布记录。

近年来，作者从收集到我国福建、广东、四川、广西、云南等省小蛾类标本中发现这属一老种和一新种。

## 1. 多齿卷蛾 *Ulodemis trigrapha* Meyrick (新纪录) (图 1、3、5)

分布 云南(景东、勐仑、勐海、勐啊、大勐龙)，四川(渡口)，广西(龙胜、龙州、凭祥)，广东(广州、海南岛)。

## 2. 三齿卷蛾 *Ulodemis tridentata* 新种 (图 2、4、6)

翅展 19—23 毫米。体、翅棕褐色。雄蛾颜面鳞片灰褐色，触角第二节有凹陷。下唇须长，向前伸，第二节特别长而膨大。前翅近长方形；雄蛾外缘直；雌蛾在顶角两侧有凹陷；臀角圆；基斑和中带明显，外围有淡黄色夹边；基斑起于前缘基部的 1/4，止于后缘基部的 1/3；中带起于前缘 1/2，止于后缘 2/3；端纹不明显；中带至外缘间有许多分散灰褐色斑点。后翅灰褐色，雄蛾基部有一束长毛。前翅  $R_4$  和  $R_5$  脉共柄， $R_5$  脉止于外缘。后翅  $m_3$  和  $Cu_1$  脉同出于一点或有短共柄， $m_2$  脉基部和它们十分靠近； $m_1$  脉和  $Rs$  脉同出于一点或十分靠近。雄性外生殖器的爪形突细长，端部膨大呈椭圆匙形；颚形突宽大，末端分三齿，中间齿短，两侧齿长而相等；抱器腹呈条状，有弯曲；阳茎圆柱状，有 90 度弯曲。雌性外生殖器产卵瓣宽大，呈长椭圆形；交配孔两侧前、后阴片下垂呈兜状；导管端片几丁质化；囊突一枚，呈镰刀状。

正模♂，四川峨眉山万年寺；1041 米；1979. VI. 14；刘友樵。配模♀，四川峨眉山清音阁；900 米；1957. IV. 30；朱复兴。副模 7♂♂、4♀♀，福建武夷山；750 米；1979. VI. 31；宋士美；四川青城山；1000 米；1979. VI；峨眉山；900 米；1980. VI—VIII；刘友樵，白九维。

本种与多齿卷蛾 *U. trigrapha* 在外形和斑纹上难以识别。但多齿卷蛾体、翅呈黄褐色；雄性外生殖器爪形突端部膨大部分小，呈圆匙形；颚形突末端有齿状突 10 枚左右，是两种的主要区别。

模式标本保存在中国科学院动物研究所。

**NOTES ON CHINESE *ULODEMIS* MEYRICK (LEPIDOPTERA:  
TORTRICIDAE) WITH DESCRIPTION OF A NEW SPECIES**

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The genus *Ulodemis* of the subfamily Tortricinae, tribe Archipini, established by Meyrick, 1907, is a small group with limited distribution in the South of Asia.

This paper records 2 species of Chinese *Ulodemis* Myr. collected by the authors in 1978—1980. Among them, one species is described as new and one species is recorded for the first time.

**1. *Ulodemis trigrapha* Meyrick**

Distribution: Yunnan, Guangdong, Fujian Provinces and Guangxi Zhuang Autonomous Region.

**2. *Ulodemis tridentata* sp. nov**

Wing expanse 19—23 mm. Body and wings dark brown in color. Forehead in male covers with greyish-brown scales, antennae notched. Palpi long, porrect, 2-segment long and expanded. Forewings elongate-oblong; in male slightly narrowed anteriorly, without fold, apex obtuse, termen nearly straight, little oblique; in female sinuate nearly vertical; strewn with brownish-grey dots. Hindwings brownish-grey, in male with a dorsal pencil of long dark grey hairs. Male genitalia with a long uncus, terminal expanded like a spoon; gnathos large, ending with 3 strong tooth; aedeagus conical, curved. Female genitalia with large oblong ovipositors; lamella vaginalis funnel-shaped on both sides of the antrum; signum a large thorn, with a sideways turned capitulum.

The general appearance of *tridentata* is close to *trigrapha*, but differentiated chiefly by the dark brown color of the body and wings, the much more expanded tip of the uncus and the three teeth of the gnathos.

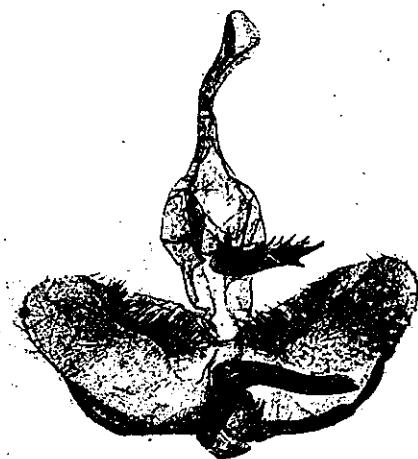
Holotype (♂): Sichuan, Emei Shan, 1041 M., 14. VI 1979, Liu Youqiao. Allotype (♀): Sichuan, Emei Shan, 900 M., 30. IV. 1957, Zhu Fuxing. Paratype (7 ♂♂, 4 ♀♀): Fujian, Wuyi Shan, 750 M., 31. VI. 1979, Song Shimei; Sichuan, Emei Shan (900 M., VI. 1979.) and Qingcheng Shan (1000 M., VI-VIII. 1980.), Liu Youqiao and Bai Jiwei. All specimens, including the types of new species, are now kept in the Institute of Zoology, Academia Sinica.



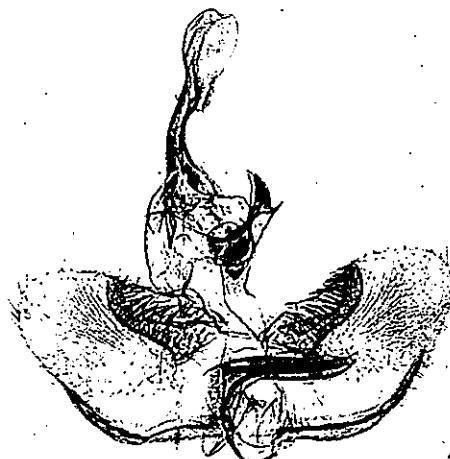
1



2



3



4



5



6

1. 多齿卷蛾 *Ulodemis trigrapha* Meyrick

3. 雄性外生殖器

5. 雌性外生殖器

2. 三齿卷蛾 *Ulodemis tridentata*, sp. nov.

4. 雄性外生殖器

6. 雌性外生殖器