

# A new species of yellow slug moth from China

June 4 2013

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This image shows the newly discovered moth *M. tanaognatha*. Credit: Zhaohui Pan

The moth genus *Monema* is represented by medium-sized yellowish species. The genus belongs to the Limacodidae family also known as the slug moths due to the distinct resemblance of their caterpillars to some

slug species. Some people know this family as the cup moths, the name derived from the peculiar looking, hard shell cocoon they form.

A recent study of the representatives of the *Monema* genus in China records 4 species and a subspecies present in the country, one of which is newly described to science. The new species has the characteristic yellow coloration for the genus, with a face blending from yellow to pale red. The study was published in the open access journal [Zookeys](#).



This image shows the peculiar larva of Larva of *M. flavescens flavescens*. Credit: Zhaohui Pan

The larvae of the genus like most larvae in the family bear close resemblance to slugs. They are typically very flattened, and instead of

legs they have suckers which help them move by rolling waves rather than walking with individual legs. Another similar to [slugs](#) characteristic is the fact they use a lubricant to help their movement, which is a kind of liquified silk.



This image shows the cocoon of *M. flavescens flavescens*. Credit: Zhaohui Pan

*M. flavescens* is an important pest of many trees in China. Prior to the present study the new species and *M. meyi* have been mistaken for the *M. flavescens* and therefore the works on their biology need to be revised. The morphology of [larvae](#), [host plants](#) and bionomics of these 3 closely related species will be studied in the future.

**More information:** Pan Z, Zhu C, Wu C (2013) A review of the genus *Monema* Walker in China (Lepidoptera, Limacodidae). *ZooKeys* 306: 23–36, [doi: 10.3897/zookeys.306.5216](https://doi.org/10.3897/zookeys.306.5216)

Provided by Pensoft Publishers

Citation: A new species of yellow slug moth from China (2013, June 4) retrieved 3 May 2024 from <https://phys.org/news/2013-06-species-yellow-slug-moth-china.html>

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