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## First record of the genus *Acropimpla* Townes, 1960 (Hymenoptera: Ichneumonidae: Pimplinae) from Thailand, with descriptions of three new species

OLEKSANDR VARGA<sup>1</sup> & ALEXEY RESHCHIKOV<sup>2</sup>

<sup>1</sup>Schmalhausen Institute of Zoology, National Academy of Sciences, Ukraine. E-mail: Sancho.Varga@gmail.com

<sup>2</sup>Department of Zoology, Swedish Museum of Natural History, Box 50007, 104 05 Stockholm, Sweden.

E-mail: alexey.reshchikov@nrm.se

### Abstract

Nine species of *Acropimpla* Townes, 1960 are recorded from Thailand with three species described as new: *A. leoni* sp.n., *A. natae* sp.n., *A. patellalutea* sp.n. Six species, *A. aspera* Gupta & Tikar, 1976, *A. hapaliae* (Rao, 1953), *A. leucostoma* (Cameron, 1907), *A. nakula* Gupta & Tikar, 1976, *A. taishunensis* Liu, He & Chen, 2010, and *A. uchidai* (Cushman, 1933) are recorded from Thailand for the first time. A key to the females of *Acropimpla* species in South East Asia is also provided.

**Key words:** Ephialtini, taxonomy, new records

### Introduction

*Acropimpla* Townes, 1960 is a moderately large genus of the subfamily Pimplinae, with 41 known species, 34 of which occur in the Oriental region (Yu *et al.* 2012). Recent investigations in this region have revealed a high percentage of undescribed species, indicating that the Oriental fauna is still relatively poorly known (Liu *et al.* 2010; Pham *et al.* 2011).

Based on recent collections of Ichneumonidae from Thailand, we provide the first record of *Acropimpla* species for this country, with descriptions of three new species and records of six further species.

### Material and methods

This work is based on material collected by the TIGER project, a collaborative effort between staff at the Queen Sirikit Botanic Garden (QSBG), the Thai Forestry Group, the Hymenoptera Institute of the University of Kentucky, and the Natural History Museum of Los Angeles County. Morphological terminology follows that of Gauld (1991). Images were taken at the Alexandru Ioan Cuza University of Iasi (UAIC) (Romania) using a Leica stereomicroscope 205A with DFC 500 camera, combined with Zerene® software and with a Canon Digital Camera 5D, combined with Zerene® software at the Swedish Museum of Natural History (NHRS).

### Key to the females of *Acropimpla* species found in South East Asia

1. Propodeum with or without median longitudinal carina (present at most on anterior 0.2). Propodeum dorsally weakly punctate or almost impunctate (Figs 5d, 7d, 11c) ..... 2
- Propodeum with median longitudinal carina present and distinct (e.g. 9d) ..... 5
2. Face black with two small yellow marks below the antennal sockets. Metasomal tergites black, each with two yellow apicolateral marks. Ovipositor about 2.8 × the length of the hind tibia. .... *A. lampei* Pham, Broad & Wagele