



Descriptions of two new species of *Augerella* Gupta (Hymenoptera: Ichneumonidae: Pimplinae) and the first record of *A. orientalis* (Gupta) from Vietnam

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Abstract

Two new species of *Augerella* Gupta, 1962 are described from Vietnam based on material collected from Dak Lak Province, Central Vietnam. *Augerella achterbergi* **sp. nov.** is characterized by the combination of the following features: body with black marks; clypeus strongly convex at base and concave at apex; both lower and upper valves of ovipositor bearing slanting ridges; ovipositor 0.73 times the length of hind tibia, 1.43 times length of first tergite. *Augerella vriesi* **sp. nov.** is distinguished from its congeners by having a longer ovipositor (the length of ovipositor 1.00 times the length of hind tibia, 1.90 times length of first tergite). In addition, *A. orientalis* (Gupta) is recorded in Vietnam for the first time.

Key words: taxonomy, new record, Dak Lak Province

Introduction

The members of *Augerella* Gupta, 1962 range throughout the Oriental region. *Augerella* was previously considered as a subgenus of *Theronia*, of Theroniini (Ephialtinae) (Gupta, 1962; Townes, 1969). According to Gupta (1962), *Augerella* can be distinguished from other subgenera of the *Theronia* group by having a shorter ovipositor and the tip of the ovipositor strongly compressed laterally. Subsequently, Gauld (1991) recognised six genera of the *Theronia* group and transferred them to Pimplini (Pimplinae). In his monograph, Gupta (1962) recognised three (newly described) species of *Augerella*: *A. orientalis* from India, Malaysia, and the Philippines; *A. compressa* and *A. inserta*, both from the Philippines.

No *Augerella* species have been documented from Vietnam so far. During field work in Vietnam, we found a remarkable collection of ichneumonids and close examination revealed that they contained representatives of this genus. We herein describe them as new species of *Augerella*, and report the first record of *A. orientalis* from Vietnam.

Material and methods

Specimens were collected by hand net and Malaise trap from 2001 to 2010. They are deposited in the collections of the Institute of Ecology and Biological Resources (IEBR), Hanoi, Vietnam; the National Museum of Natural History (RMNL), Leiden, Netherlands; and Zoological Research Museum Alexander Koenig (ZFMK), Bonn, Germany. The morphological terminology follows Gauld (1991). Photographs were taken by a Nikon Digital Camera DXM 1200 via microscope with lighting-shadow-box.