



<http://dx.doi.org/10.11646/zootaxa.3974.2.2>

<http://zoobank.org/urn:lsid:zoobank.org:pub:E7051CA4-264E-4A1A-96BB-0BB6BD3BB71D>

Two new species of the genus *Pararrhynchium* de Saussure (Hymenoptera: Vespidae: Eumeninae) from northern Vietnam

LIEN THI PHUONG NGUYEN

Institute of Ecology and Biological Resources (IEBR), Vietnam Academy of Science and Technology, 18 Hoang Quoc Viet Road, Nghia Do, Cau Giay, Hanoi, Vietnam. E-mail: phuonglientit@gmail.com

Abstract

Two new species of the genus *Pararrhynchium* are described and figured: *P. striatum* sp. nov. (northern Vietnam: Hoa Binh, Ha Tinh and Thai Nguyen) and *P. concavum* sp. nov. (northern Vietnam: Cao Bang). A key to all known species of the genus is provided.

Key words: Vespidae, Eumeninae, *Pararrhynchium*, new species, northern Vietnam

Introduction

The potter wasp genus *Pararrhynchium* was described by de Saussure, 1855, as a division of the genus *Rhynchium* Spinola, monotypic for *R. ornatum* Smith, 1852. This genus appears to be restricted to Eastern Asia, and up to now contains nine species and six subspecies, with a catalogue of the genus provided by Kim and Yamane (2007). In this paper, based on specimens deposited in the Institute of Ecology and Biological Resources [IEBR] and Vietnam National Museum of Nature [VNMN], two new species of the genus *Pararrhynchium* are described, and a key to all known species of the genus is presented.

Material and methods

The adult morphological and color characters were observed using pinned and dried specimens under a stereoscopic microscope. Measurements of body parts were made with an ocular micrometer attached to the stereoscopic microscope. “Body length” indicates the length of head, mesosoma and the first two metasomal segments combined. Terminology follows Yamane (1990). Photographic images were made with the Leica EZ4HD 3.0 MegaPixel Digital Stereo Microscope, using LAS exclusive microscopy software (LAS EZ 2.0.0); the plates were edited with Photoshop CS6. The abbreviations F, S and T refer to numbered flagellomeres, metasomal sterna and metasomal terga, respectively.

Taxonomy

Genus *Pararrhynchium* de Saussure, 1855

Pararrhynchium de Saussure, 1855: 173, division of genus *Rhynchium* Spinola. Type species: *Rhynchium ornatum* Smith, 1852, by monotypy.

Prorrhynchium de Saussure, 1855: 174, division of genus *Rhynchium* Spinola. Type species *Rhynchium smithii* de Saussure, 1855, by monotypy. Synonymized by van der Vecht 1963: 94.

Diagnosis. According to van der Vecht (1963), this genus is characterized by the following characteristics: labrum