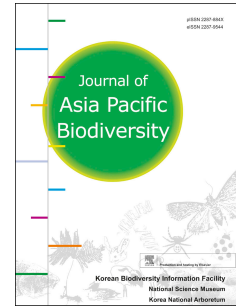


Accepted Manuscript

Review of *Zatypota* Förster, 1869 (Hymenoptera: Ichneumonidae: Pimplinae) from South Korea

Jin-Kyung Choi, Jong-Wook Lee



PII: S2287-884X(17)30072-9

DOI: [10.1016/j.japb.2017.06.005](https://doi.org/10.1016/j.japb.2017.06.005)

Reference: JAPB 236

To appear in: *Journal of Asia-Pacific Biodiversity*

Received Date: 8 May 2017

Revised Date: 13 June 2017

Accepted Date: 16 June 2017

Please cite this article as: Choi J-K, Lee J-W, Review of *Zatypota* Förster, 1869 (Hymenoptera: Ichneumonidae: Pimplinae) from South Korea, *Journal of Asia-Pacific Biodiversity* (2017), doi: 10.1016/j.japb.2017.06.005.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Review of *Zatypota* Förster, 1869 (Hymenoptera: Ichneumonidae: Pimplinae) from South Korea

Jin-Kyung Choi^{a, b}, Jong-Wook Lee^{b, *}

^aDepartment of Life Sciences, the Natural History Museum, Cromwell Road, London, SW7 5BD, UK

^bDepartment of Life Sciences, Yeungnam University, Gyeongsan, 38541, South Korea

*Corresponding author. Tel.: +82538102376

E-mail address: jwlee1@ynu.ac.kr

ABSTRACT

South Korean species of the genus *Zatypota* Förster, 1869 are reviewed, with five newly recognized species from South Korea. All South Korean species belong to the *discolor*-group. In the *discolor*-group, pronotum with straight epomia, reaching or reaching near the ventral edge of pronotum; hind wing without vein Cu1; metasomal tergites with polished rhombic areas in middle. A key to South Korean species, diagnoses, and images of each species are provided.

Keywords: Ephialtini, key, new record, Parasitoid, taxonomy

Introduction

Zatypota Förster, 1869 is small-sized and cosmopolitan genus of Pimplinae (Hymenoptera: Ichneumonidae), comprising 50 described species worldwide (Yu et al 2016). *Zatypota* can be divided into three groups: *bohemani*-group, *discolor*-group, and *morsei*-group (Townes & Townes 1960; Gauld & Dubois 2006). All South Korean species belong to the *discolor*-group. Most species of the genus are known as ectoparasitoids of theridiid spiders (Nielsen 1923; Jiménez 1988; Fitton et al 1988; Gauld & Dubois 2006), and a few species attack various dictynid spiders (Howard 1888; Aubert 1969; Gauld & Dubois 2006). Recently, new host records belong to Theridiidae and Linyphiidae were reported based on reared materials by Matsumoto & Takasuka (2010). In this study,

Download English Version:

<https://daneshyari.com/en/article/8848759>

Download Persian Version:

<https://daneshyari.com/article/8848759>

[Daneshyari.com](https://daneshyari.com)