



## The spider wasp genus *Telostholus* Haupt, 1929 (Hymenoptera, Pompilidae) in Indonesia, with the description of three new species

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### Abstract

Four species of the genus *Telostholus* Haupt, 1929 are reported from Indonesia, three of them are described and illustrated as new species: *T. celebes* Loktionov & Lelej, **sp. nov.** (Sulawesi), *T. rinjani* Loktionov & Lelej, **sp. nov.** (Lombok) and *T. sulawesi* Loktionov & Lelej, **sp. nov.** (Sulawesi). The genus *Telostholus* is newly recorded from the islands of Sulawesi and Lombok. A key to the Indonesian species is given for females.

**Key words:** Spider wasps, Pompilinae, taxonomy, new taxa, key, Oriental Region, Wallace Line

### Introduction

*Telostholus* Haupt, 1929 is a small genus of Pompilinae spider wasps distributed in India (West Bengal), Sri Lanka, Myanmar (Bingham 1897), China (Yunnan, Shanxi, Taiwan) (Li *et al.* 2015), Japan (Honshu and Kyushu) (Shimizu & Terayama 2016) and Indonesia (Java (Haupt 1935), Sulawesi and Lombok (current data)). Haupt (1929) established *Telostholus* with the type species *Planiceps orientalis* Cameron, 1891 (India), and suggested the inclusion of one species from Madagascar, *Aporus prismaticus* de Saussure, 1892 (currently in the genus *Schistonyx* de Saussure, 1887). From 1933 to 1967 four new species of the genus were described from China, Japan and Indonesia. Recently, Li *et al.* (2015) recognized eight species in the genus, including new ones described from China, and provided a key to all known species of females and males. Wahis (2018) transferred one more species to the genus *Telostholus* from *Pompilus* Fabricius, 1798. Currently the genus *Telostholus* comprises 12 species including three new ones described below.

The fauna of the family Pompilidae of Indonesia is very poorly understood. There are few faunistic and taxonomic records for the family. It is therefore quite difficult to estimate number of species and genera in Indonesia. Until now there is no check list of species distributed in the area, which is also true of neighbouring countries, such as Malaysia, Thailand, Cambodia, Laos and Vietnam. The genus *Telostholus* Haupt was previously known from Indonesia by only one species, *T. bidentatus* Haupt, 1935, described from Java based on a single female. During the study of the pompilid collection in the Museum für Naturkunde, Berlin, Germany in 2018 and materials collected by Mikhail Mokrousov in Lombok, we discovered three new species of the genus *Telostholus* Haupt from Indonesia: *T. celebes* Loktionov & Lelej, **sp. nov.** (Sulawesi), *T. rinjani* Loktionov & Lelej, **sp. nov.** (Lombok) and *T. sulawesi* Loktionov & Lelej, **sp. nov.** (Sulawesi). Herein we describe them to expand the distribution of the genus within Indonesia and provide a key to the Indonesian species.

### Materials and methods

The terminology for morphology is mostly based on the glossary provided by the Hymenoptera Anatomy Consortium (2013). The terminology of wing venation and cells follows Day (1988). The following abbreviations are used