



A revision of the Indian species of *Oligosita* Walker (Hymenoptera: Trichogrammatidae)

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Abstract

The Indian species of the genus *Oligosita* Walker, 1851 (Hymenoptera: Trichogrammatidae) are revised. One new species, *Oligosita aseta* Begum & Anis, **sp. nov.**, is described based on specimens collected from Kerala, India. A key to the 16 Indian species of the genus is also given.

Key words: Taxonomy, Oligositini, types, India, new species

Introduction

The genus *Oligosita* Walker (1851) (Hymenoptera: Trichogrammatidae), as defined by Pinto & Viggiani (2004), contains 92 world species (Noyes 2014) and 15 species from India. Hayat (2008) recognized 17 species (including *Pseudoligosita* Girault) from India and gave a key to these species. In this paper, the Indian species of *Oligosita* are revised and one new species, *Oligosita aseta* Begum & Anis, **sp. nov.**, is described based on specimens collected from Kerala State (India). A key is also provided for identification of the 16 species from India.

Methods

Only body lengths are given in millimeters, other measurements are relative, taken from the divisions of a linear scale of a micrometer placed in the eye piece of a compound microscope. These measurements were taken at 400× magnification of the microscope.

The following two abbreviations are used:

C1, C2, C3 = Segments 1, 2, and 3 of clava.

TI, TII, etc. = Tergites 1, 2, etc. of gaster.

The following acronyms are used for the depositories:

INHS Illinois Natural History Survey, Urbana, USA.

NPC National Pusa Collection, Division of Entomology, Indian Agricultural Research Institute, New Delhi, India.

QMB Queensland Museum, Brisbane, Australia.

TFRI Tropical Forest Research Institute, Jabalpur, India.

ZDAMU Insect Collections, Department of Zoology, Aligarh Muslim University, Aligarh, India.