

New species of *Trichogramma* Westwood (Hymenoptera: Trichogrammatidae) associated with lepidopterous eggs in Brazil

R.B. QUERINO¹ & R.A. ZUCCHI²

ESALQ/USP, Departamento de Entomologia, Fitopatologia e Zoologia Agrícola, Av. Pádua Dias 11, 13418-900, Piracicaba, SP, Brasil.

E-mail: ¹rbqsilva@esalq.usp.br; ²razucchi@esalq.usp.br

Abstract

Four new species of *Trichogramma* are described: *Trichogramma bertii* **n. sp.** from *Glennia* sp., a geometrid of silvicultural importance; *Trichogramma esalqueanum* **n. sp.** from *Mechanitis lysimnia* eggs, a minor pest of tomato and *Heliconius erato phyllis*; *Trichogramma iracildae* **n. sp.** from eggs of *Calpodex ethlius*; and *Trichogramma pratissolii* **n. sp.** collected from *Anagasta kuehniella* trap eggs (factitious host).

Key words: Taxonomy, egg parasitoids, insect hosts

Introduction

Systematic studies of *Trichogramma* have been minimal in Brazil. Extensive surveys of the genus are lacking and most of the known species are from agroecosystems and associated with agricultural pests (Zucchi & Monteiro 1997). The first Brazilian species was not described until 1980 (Voegelé & Pointel 1980).

Taxonomic studies of the group have historically been based on occasional collections, however, extensive surveys in non-disturbed habitats should be conducted to increase the knowledge of the diversity of *Trichogramma* in Brazil (Querino & Zucchi 2003).

This paper deals with descriptions of new species of *Trichogramma* collected from different host eggs, except for one species which was described from specimens captured from trap eggs (factitious host).