

***Peracchius durantae*, a new genus and species of whitefly (Hemiptera: Aleyrodidae) from Brazil**

A. F. LIMA¹ & F. RACCA-FILHO²

^{1,2} Universidade Federal Rural do Rio de Janeiro, Instituto de Biologia, Departamento de Entomologia e Fitopatologia, Seropédica RJ, BRASIL 23890-000

E-mail: ¹ aurino@ufrj.br ² fraccafo@ufrj.br

Abstract

In this paper we describe and illustrate a new genus and species of whitefly from Seropédica-RJ, Brazil, based on pupal cases found on *Duranta repens* L. “Aurea” (Verbenaceae).

Key words: Aleyrodidae, whitefly, taxonomy, puparia, *Duranta repens*, Brazil

Introduction

This paper describes a new genus and species of whitefly from Brazil, based on the unusually elongate pupal case. A detailed study of the structural features of the puparium indicates that the species under study does not fit the concept of any described genus of Aleyrodidae. Until now the species appears to have restricted host associations; it has been recorded feeding only on *Duranta repens* var. *aurea*, located alongside the central vein of the leaves, and was collected from the Brazilian States of Rio de Janeiro, Espírito Santo, and Tocantins.

Materials and methods

The terminology used here to describe the external morphological structures are those of Martin (1987) and Gill (1990). The illustrations were made using a Wild M-11 microscope. The type material is deposited in Universidade Federal Rural do Rio de Janeiro, Coleção Entomológica Angelo Moreira da Costa Lima (CECL), Brazil.