

## A new species of *Euphranta* Loew (Diptera: Tephritidae: Trypetinae: Adramini) from India

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### Abstract

A new species of *Euphranta* Loew, *E. siruvani* David, Hancock & Sankararaman, **sp. n.** is described from India. Postabdominal structures of *E. hyalipennis* David & Freidberg and *E. haldwanica* Hancock & Goodger are illustrated and described. A revised key to *Euphranta* from India is also provided.

**Key words:** Adramini, Tamil Nadu, Siruvani

### Introduction

*Euphranta* Loew is predominantly an Oriental genus with 104 described species across the world with representatives in Palearctic, Nearctic and Australasian Regions (Norrbom *et al.*, 1999; Hancock and Drew, 2004; David *et al.*, 2013; David and Singh, 2015). Species of *Euphranta* are characterised by reduced presutural chaetotaxy, fine erect hairs on anatergite, elongate surstyli, short aculeus and fused vanes of phallapodeme. Fourteen species of *Euphranta* have been recorded from India (Agarwal and Sueyoshi, 2005; David and Ramani, 2011; David *et al.*, 2013; David and Singh, 2015). In this paper, a new species of *Euphranta* is described along with descriptions of terminalia of two other species known from India. An updated key to *Euphranta* from India is also provided.

### Material and methods

Specimens deposited in the following museums have been examined for the study:

|       |                                                                         |
|-------|-------------------------------------------------------------------------|
| NBAIR | ICAR-National Bureau of Agricultural Insect Resources, Bangalore, India |
| FRI   | Forest Research Institute, Dehradun, India                              |

Collections were done by sweep netting. Images of the specimens were acquired using a Leica DFC 420 camera mounted on a Leica MS8APO stereozoom microscope; images of genitalia were acquired using 8 MP camera temporarily attached to Leica DM 1000 compound research microscope; the images were stacked and combined to a single image using Combine ZP (Hadley, 2011). Measurements of male and female genitalia were taken using Leica Auto-montage Software, LAS 3.4. Terminology adopted here follows White *et al.* (1999). Singular form is used for all paired organs and setae in the text (Example: one postpronotal lobe seta means 1 pair of postpronotal lobe setae).