



## Research Note

# First report of two mymarid genera, *Cleruchus* Enock and *Kikiki* Huber and Beardsley (Hymenoptera: Mymaridae) from India

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**ABSTRACT:** Two genera of fairyfly wasps, *Cleruchus* Enock and *Kikiki* Huber & Beardsley, are first reported from India and notes on their diagnosis are given.

**KEY WORDS:** Hymenoptera, Mymaridae, *Cleruchus*, *Kikiki*, first report.

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## INTRODUCTION

The family Mymaridae (Hymenoptera: Chalcidoidea), commonly known as fairyfly wasps, comprises 100 genera reported worldwide (Noyes, 2013). Of these, only 27 genera and 128 species are known from India (Manickavasagam and Rameshkumar, In press). In the course of our surveys to explore mymarids from India, two genera of fairyflies, viz., *Cleruchus* Enock and *Kikiki* Huber and Beardsley, hitherto not reported from India were recorded. Notes on their diagnosis, distribution and host-parasitoid association are provided here.

### A. *Cleruchus* Enock, 1909 (Fig. 1)

*Cleruchus* Enock, 1909: 453. Type species: *Cleruchus plutes* Enock, by monotypy.



Fig. 1. *Cleruchus*, lateral view

**Brief diagnosis:** Body dorsoventrally flattened; femora slightly swollen; fore wing parallel sided, knife-like, at least about 8x longer than wide; ovipositor short and arising in apical third of gaster (Lin *et al.*, 2007).

**Specimens examined:** INDIA, Manipur, Kakching Khounou Lamkhai (798mts. MSL, 24.24° N; 93.54° E), 13 females through yellow pan trap in pineapple orchard; Kakching Khounou Lamkhai (760 mts. MSL, 24.24° N; 91 59° E), 15 females through yellow pan trap from forest ecosystem 1–5. ii. 2013 (Coll. Sophis Singh).

**Distribution:** Australia (Lin *et al.*, 2007), Canada (Yoshimoto, 1971), Europe, Indonesia, Nearctic, Neo-tropical and North Africa (Schauff, 1984), Russia (Triapitsyn, 2002), The Netherlands and USA (Triapitsyn and Moraal, 2008). India (New Record).

**Hosts:** Orthoptera: Acrididae (Huber, 1986); Coleoptera: Cleridae (Huber, 1986); Curculionidae (Schauff, 1989) and Ciidae (Triapitsyn, 2002).

### B. *Kikiki* Huber and Beardsley, 2000 (Fig. 2)

*Kikiki* Huber & Beardsley, 2000: 66. Type species: *Kikiki huna* Huber, by original designation.

**Brief diagnosis:** Tarsi 3-segmented, back of head with semicircular sulcus separating lower from upper occiput, mandible with 4 teeth, fore wing venation about 0.7x fore wing length, female funicle 4-segmented with



**Fig. 2. *Kikiki*, lateral view**

2-segmented clava, male flagellum 9-segmented. This genus is unique in Mymaridae in having 3-segmented tarsi.

**Specimen examined:** India, Tamil Nadu, Chidambaram (6.0 m MSL, 11.23° N, and 79. 43° E), 1 male, through yellow pan trap 5.i.2013 (coll. K. Mahalakshmi and S. Palanivel).

**Distribution:** Australia (Lin *et al.*, 2007); Hawaii (Huber and Beardsley, 2000); India (New record).

**Hosts:** Not known.

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