

**PARABEMISIA MYRICAE (KUWANA)
(HEMIPTERA: ALEYRODIDAE), A NEW
RECORD FROM INDIA**

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The genus *Parabemisia* Takahashi is thought to be native to the Oriental and Austro-Oriental regions, and currently there are five described species (Martin, 1999). Meganathan and David (1994) reported the occurrence of this genus in India by describing *P. sairandhryensis*. The present study revealed the occurrence of *P. myricae* in Western Ghats of southern India on *Wendlandia thrysoidea* (Rutaceae). The details of this species and a key to the Indian species of *Parabemisia* are presented in this paper.

***Parabemisia myricae* (Kuwana), 1927**

Bemisia myricae Kuwana, 1927. *Annot. Zool. Japan*, 11: 249-251.

Parabemisia myricae (Kuwana): Takahashi, 1952. *Misc. Rep. Res. Inst. Nat. Resour. Tokyo* 25: 24.

This species is a new record in India. It is commonly known as bayberry whitefly. It was described by Kuwana (1927) as *Bemisia myricae* from Japan on the hosts *Myrica rubra*, *Morus alba* and *Citrus* sp. Takahashi (1952) transferred this species to the genus *Parabemisia*. So far it is only recorded in Japan (Kuwana, 1927), Taiwan and Malaysia (Takahashi, 1952), California (Rose *et al.*, 1981), Florida (Hamon, 1986), China, Hongkong, Israel and Venezuela (Hamon *et al.*, 2003).

It is an oligophagous species on 14 families of woody broad-leaved angiosperm hosts (Mound & Halsey, 1978). It has become an introduced pest, particularly on citrus crops and avocados in several parts of the world (Martin, 1999).

The description of this species by Kuwana (1927) is supplemented by the present illustration (Fig. 1).

Material examined: 1 puparium, 11.viii.2001, on *Wendlandia thrysoidea* (Rutaceae), Kudremukh National Park, Karnataka, coll. A.K. Dubey.

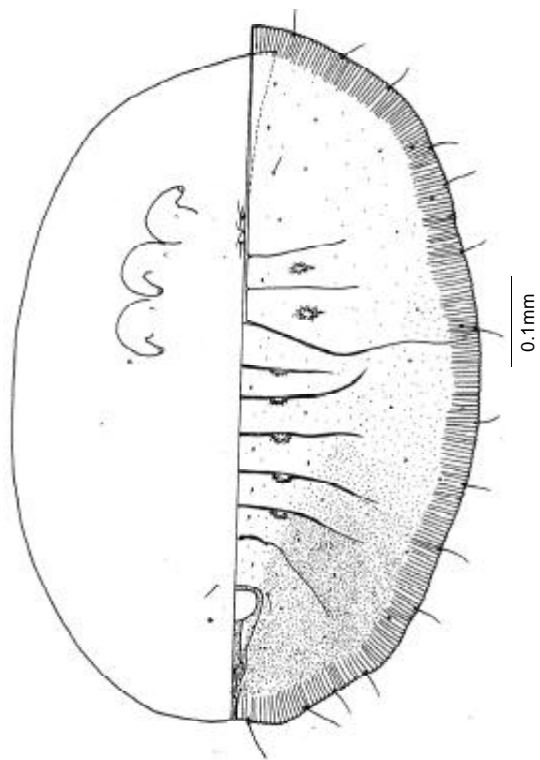


Figure 1. Puparium of *Parabemisia myricae* (Kuwana)

Host: *Wendlandia thrysoidea* (new record).

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Key to the Indian species of *Parabemisia*

- 1 Meso- and metathoracic setae present *sairandhryensis* Meganathan & David
- Meso- and metathoracic setae absent *myricae* (Kuwana)

