

## SCIENTIFIC NOTE

## The Madeira *Phenacoccus madeirensis* Green (Hemiptera: Pseudococcidae) a New Record of Mealybug in Egypt

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This paper recorded the presence of *Phenacoccus madeirensis* Green as a new record of mealybug in Egypt. Genus *Phenacoccus* is represented by 5 species in Egypt. The official list of scale insects and mealybugs listed *P. gypsophilae* Hall, *P. halli* Ezzat and *P. pyramidensis* Ezzat (Mohamed and Ghabbour, 2008); Abd-Rabou added two new species *P. parvus* Morrison and *P. solenopsis* Tinsley (Abd-Rabou *et al.*, 2010). *Phenacoccus madeirensis* was the sixth species added to the fauna.

A plenty of samples were collected by the authors, from *Alcea rosea* L. (Family: Malvaceae) at a private garden in Al-Amriya locality at Alexandria Governorate, also from *Cestrum nocturnum* L. (Solanaceae) at Giza Governorate.

The samples of adult females were mounted and identified by the second author in scale insects and mealybugs department, Plant Protection

Research Institute. The species was confirmed by identification letter from Laboratoire de la Santé des Végétaux (Jean-François GERMAIN).

**Common Name:** Madeira mealybug.

**Field characters (Fig.1):** adult female body slightly flattened and oval; color ranging from pale green to gray; legs red (this was the most unique field character); white mealy wax dusted with thin layer on the dorsal side; with transverse dark bands on the intersegmental areas of thorax and abdomen, forming in many samples one pair of dark longitudinal lines on dorsum; with 18 pairs of lateral wax filaments, caudal pair of wax filaments longer than lateral filaments; ovisac covering entire dorsum, white, irregular form. The adult male is red in color, with a single pair of wings. Male pupae are covered with a loose white silky cocoon.

This specie was recorded at North Africa for the first time in Tunisia (Halima-Kamel *et al.* 2014).



**Figure 1:** *Phenacoccus madeirensis* Green, left: adult female infesting *Alcea rosea* L, middle :adult females with cottony ovisacs and immature stages, right: male (Photos caught by the first author)

### REFERENCES

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