

1. PaDIL Species Factsheet



Scientific Name:

Dysmicoccus nesophilus Williams & Watson, 1988

(Hemiptera: Pseudococcidae: Pseudococcinae)

Common Name

Mealybug

Live link: <http://www.padil.gov.au/maf-border/Pest/Main/141237>

Image Library

New Zealand Biosecurity

Live link: <http://www.padil.gov.au/maf-border/>

Partners for New Zealand Biosecurity image library



Manaaki Whenua
Landcare Research

Landcare Research — Manaaki Whenua

<http://www.landcareresearch.co.nz/>

Biosecurity New Zealand

Tiakitanga Pūtaiao Aotearoa

MPI (Ministry for Primary Industries)

<http://www.biosecurity.govt.nz/>

2. Species Information

2.1. Details

Specimen Contact: MAF Plant Health & Environment Laboratory - PHEL_Entomology@maf.govt.nz

Author: MAF Plant Health & Environment Laboratory

Citation: MAF Plant Health & Environment Laboratory (2011) Mealybug (*Dysmicoccus nesophilus*) Updated on 3/30/2014 Available online: PaDIL - <http://www.padil.gov.au>

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2.2. URL

Live link: <http://www.padil.gov.au/maf-border/Pest/Main/141237>

2.3. Facets

Commodity Overview: Horticulture

Commodity Type: 1 Other, Banana, Figs & Breadfruit, Ginger, Paw paw, Taro leaves, Tomato, Tamarillo & Egg plant

Groups: Bugs

Status: NZ - Exotic

Pest Status: 0 Unknown

Distribution: 0 Unknown

Host Family: 0 Unknown

2.4. Other Names

Homoptera

2.5. Diagnostic Notes

****Adult Female****

Narrowly to broadly oval. Antennae 8-segmented. Translucent pores represented by a few on hind femur and a few on outer distal edge of tibia. Circulus conspicuously well developed. Ostioles with inner edges of lips sclerotized, each lip with 2-5 setae and a few trilocular pores. Anal ring with 6 setae. Cerarii numbering 17 pairs. Anal lobe moderately developed. Anal lobe cerarii each with 2 enlarged conical setae, accompanied by 6 auxiliary setae and evenly distributed trilocular pores. Anterior cerarii each with a pair of much smaller conical setae, 1-3 auxiliary setae longer than the conical setae and a few trilocular pores, all on a small but distinct lightly sclerotized area. Dorsal setae short, pointed, those on anal lobe segments much longer. The setae often with 2 or 3 trilocular pores near each socket; other trilocular pores distributed evenly, but usually an area devoid of setae and trilocular pores in mid-region of anal lobe segment. Discoidal pores each about same diameter as a single locus of a trilocular pore, scattered. Ventral setae normal. Cisanal setae often as long as anal ring setae, but variable and sometimes shorter. Multilocular disc pores usually present in single to double rows at posterior edges of 4th and posterior abdominal segments and at or near anterior edge of 5th and posterior abdominal segments, and a few present on median areas of head and thorax in no fixed arrangement. Trilocular pores fairly evenly distributed. Discoidal pores scattered, noticeably larger than on dorsum. Oral collar tubular ducts of 2 types present.

****References****

- Williams, D.J. & Watson, G.W. (1988). _The Scale Insects of the Tropical South Pacific Region: Part 2 The Mealybugs (Pseudococcidae)_. CAB International Institute of Entomology, Wallingford, UK, 262 pp.

2.6. References

- Williams, D.J. & Watson, G.W. (1988). _The Scale Insects of the Tropical South Pacific Region: Part 2 The Mealybugs (Pseudococcidae)_. CAB International Institute of Entomology, Wallingford, UK, 262 pp.

2.7. Web Links

Scale Net: <http://scalenet.info/validname/Dysmicoccus/nesophilus/>

3. Diagnostic Images



NZA690. Magnification: 20x.
Antenna - Adult: Qing Hai Fan MAF



NZA690. Magnification: 5x.
Full Body - Adult: Qing Hai Fan MAF



NZA690. Magnification: 20x.
Pygidium - Ventral - Adult: Qing Hai Fan MAF



NZA690. Magnification: 10x.
Ventral - Adult: Qing Hai Fan MAF

4. Other Images



NZA690. Magnification: 20x.
Antenna - Ventral - Adult: Qing Hai Fan MAF



NZA690. Magnification: 20x.
Pygidium - Dorsal - Adult: Qing Hai Fan MAF

Results Generated:

Wednesday, December 2, 2020
