1. PaDIL Species Factsheet

Scientific Name:

Selenothrips rubrocinctus Giard

Thysanoptera, Terebrantia, Thripidae, Panchaetothripinae

Common Name

Red-banded Cocoa Thrips

Live link: http://www.padil.gov.au:80/pests-and-diseases/Pest/Main/136403

Image Library

Australian Biosecurity

Live link: http://www.padil.gov.au:80/pests-and-diseases/

Partners for Australian Biosecurity image library

Museum Victoria
http://museumvictoria.com.au/

CRC National Plant Biosecurity
http://www.crcplantbiosecurity.com.au/

Plant Health Australia
http://www.planthealthaustralia.com.au/

Department of Agriculture, Fisheries and Foresty
http://www.daff.gov.au/

Department of Agriculture and Food, Western Australia
http://www.agric.wa.gov.au/

2. Species Information

2.1. Details

Specimen Contact: Laurence Mound - laurence.mound@csiro.au
Author: Mound, L.
Citation: Mound, L. (2005) Red-banded Cocoa Thrips*(Selenothrips rubrocinctus)*Updated on 1/9/2007
Available online: PaDIL - http://www.padil.gov.au
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2.2. URL

Live link: http://www.padil.gov.au:80/pests-and-diseases/Pest/Main/136403

2.3. Facets

Status: Exotic Species Occurrence in Australia
Group: Thrips
Commodity Overview: Horticulture, Forestry
Commodity Type: Fresh Fruit, Ornamentals, Leaves
Distribution: Cosmopolitan

2.4. Other Names

Brachyurothrips indicus Bagnall
Heliothrips decolor Karny
Heliothrips mendex Schmutz
Physopus rubrocinctus Giard

2.5. Diagnostic Notes

Female dark blackish brown; forewing dark with 2 rows of black setae; tarsi and apices of tibiae yellow; antennal segments III & V yellow in basal half, IV yellow at base and apex. Head with cheeks constricted to basal neck. Antennae 8-segmented. Pronotum short, surface with transverse lines of sculpture. Mesonotum without median division. Metanotum with clearly defined triangle. Tarsi 1-segmented. Forewing with costal cilia longer than costal setae; both veins with row of widely spaced setae. Abdominal tergites reticulate laterally; tergites III-VIII with pair of long setae medially; VIII with complete comb of long microtrichia.
Male with abdomen slender; sternites III-VII with small round glandular area; tergite IX with 3 pairs of stout thorn-like setae.

2.6. References

Moritz G, Mound LA, Morris DC & Goldarazena A. 2004. Pest thrips of the world – visual and molecular identification of pest thrips. Cd-rom published by CBIT Brisbane, Australia <http://www.cbit.uq.edu.au/software/pestthrips/default.htm> Fennah RG. 1965. The influence of environmental stress on the cacao tree in predetermining the feeding sites of cacao thrips, Selenothrips rubrocinctus (Giard), on leaves and pods. Bulletin of Entomological Research 56: 333. Funderburk J, Stavisky J, Olson S, Momol T. (2000). Thrips biology and management. http://thrips.ifas.ufl.edu/Background.htm (18 August 2004). Giard A. 1901. Sur un thrips (Physopus rubrocinctus nov. sp.) nuisible au cacaoyer. Soc. Ent. France, Bull. 15: 263-265. Hecht O. 1952. "Nota acerca de Selenothrips rubrocinctus Giard, playa del cacaotero," Fitofilo San Jacinto, D.F., Mexico. An. 6, N.

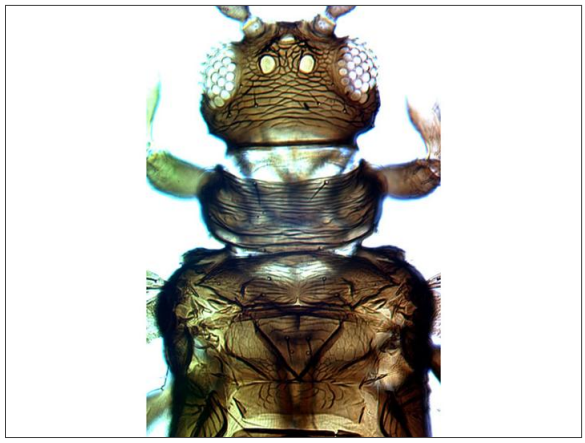
5: 33-42. Koehler PG, Short DE, Fasulo TR. (1998). Pests In and Around the Home. UF/IFAS. SW-126. Mizell RF, Short DE, Fasulo TR. (May 1998). WoodyPest. UF/IFAS. http://woodypest.ifas.ufl.edu/ (July 1999). Reyne A. 1921. De cacaothrips (Heliothrips rubrocinctus Giard). Suriname Dept. v.d. Landbouw Bull. 44. 214 p. Russell HM. 1912. The red-banded thrips. Papers on insects injurious to citrus and other subtropical fruits. USDA Bureau of Entomology Bulletin 99: 17-29.

2.7. Web Links

Australian Insect Common Names: http://www.ento.csiro.au/aicn/name_s/b_3723.htm
Creature Feature: http://creatures.ifas.ufl.edu/orn/thrips/redbanded_thrips.htm
Extension publication: http://edis.ifas.ufl.edu/IN256
Literature search: http://www.pestinfo.org/Literature/lit508.htm

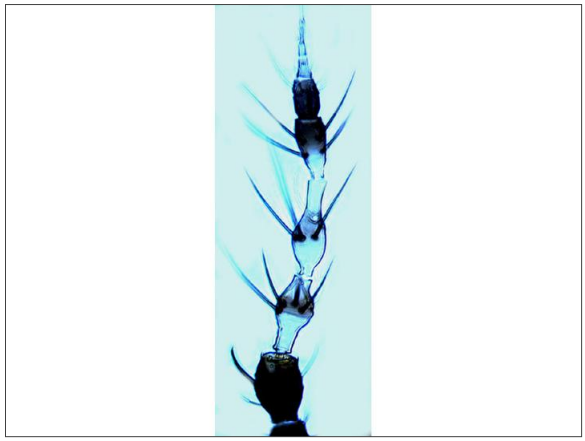
3. Diagnostic Images

Adult female
Dorsal: Laurence Mound ANIC, CSIRO



Head and thorax showing sculpture
Dorsal: Laurence Mound ANIC, CSIRO

Fore wing with black setae
Dorsal: Laurence Mound ANIC, CSIRO



Antenna
Dorsal: Laurence Mound ANIC, CSIRO

Results Generated:

Wednesday, February 26, 2020