

1. PaDIL Species Factsheet



Scientific Name:

Solenopsis invicta Buren

(Hymenoptera: Formicidae: Myrmicinae)

Common Name

Red imported fire ant

Live link: <http://www.padil.gov.au/pests-and-diseases/Pest/Main/136450>

Image Library

Australian Biosecurity

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

Partners for Australian Biosecurity image library



Australian Government
Department of Agriculture,
Water and the Environment

Department of Agriculture, Water and the Environment

<https://www.awe.gov.au/>



Department of
Primary Industries and
Regional Development

Department of Primary Industries and Regional Development,

Western Australia

<https://dpir.wa.gov.au/>



Plant Health Australia

<https://www.planthealthaustralia.com.au/>



Museums Victoria

<https://museums victoria.com.au/>

2. Species Information

2.1. Details

Specimen Contact: Queensland Museum -

Author: Carmichael, A.

Citation: Carmichael, A. (2005) Red imported fire ant(*Solenopsis invicta*) Updated on 11/26/2011 Available online: PaDIL - <http://www.padil.gov.au>

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2.2. URL

Live link: <http://www.padil.gov.au/pests-and-diseases/Pest/Main/136450>

2.3. Facets

Status: Exotic Species Outbreak in Australia

Group: Ants

Commodity Overview: General

Commodity Type: General

Distribution: USA and Canada, Central and South America

2.4. Other Names

fire ant

Solenopsis wagneri Santschi

tramp ant

2.5. Diagnostic Notes

Fire ants are ~2-6 mm long: variation in size is one distinguishing characteristics. They are coppery-brown in colour on the head and body, with a darker abdomen. The ant mound or nest has no obvious entry or exit holes. When the mound is disturbed, dozens to hundreds of reddish-brown worker ants crawl up the vertical surfaces (grass and other objects) on and around the mound.

2.6. References

CABI (2004) CABI Crop Protection Compendium, 2004 Edition. CAB International, Wallingford, UK, 2004.

Shattuck SO, Porter SD, Wojcik DP. 1999. *Solenopsis invicta* Buren, 1972 (Insecta, Hymenoptera): proposed conservation of specific name. Bulletin of Zoological Nomenclature 56(1): 27-30.

Taber SW, 2000. Fire Ants. College Station, Texas: Texas A&M University Press, 308 pp.

2.7. Web Links

Fire Ants - What are they?: <http://www.dpi.qld.gov.au/fireants/>

Imported Fire Ants: <http://ipmworld.umn.edu/chapters/lockley.htm>

Species profile, red imported fire ant: <http://www.invasivespecies.gov/profiles/fireant.shtml>

University of Florida and Florida Department of Agriculture and Consumer Services, *S. invicta* profile page:

http://creatures.ifas.ufl.edu/urban/ants/red_imported_fire_ant.htm

3. Diagnostic Images



no label data on specimen
Abdomen - Lateral view - large worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Abdomen Dorsal view - large worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Abdomen Dorsal view - small worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Abdomen Lateral view - small worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Dorsal View - large worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Head Anterior View - large worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Head Anterior View - small worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Head Dorsal View - large worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Head Lateral View - large worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Head Lateral View - small worker: Amy Carmichael Queensland University of Technology



Australia: Queensland, Brisbane.
Lateral view: Simon Hinkley & Ken Walker Museums Victoria



no label data on specimen
Thorax Dorsal View - large worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Thorax Dorsal View - small worker: Amy Carmichael Queensland University of Technology



no label data on specimen
Thorax Dorsal View - small worker: Amy Carmichael Queensland University of Technology

4. Other Images



no label data on specimen
Dorsal View - small worker: Amy Carmichael
Queensland University of Technology



no label data on specimen
Lateral View - large worker: Amy Carmichael
Queensland University of Technology

Results Generated:

Monday, November 30, 2020
