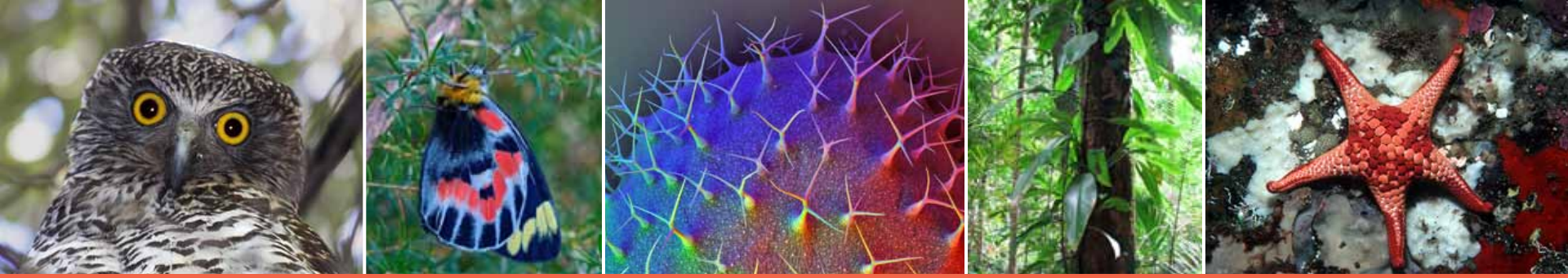


www.ala.org.au

Atlas of Living Australia

John Tann

john.tann@austmus.gov.au

DPIPWE

October 2011

The Atlas is funded by the Australian Government under the National Collaborative Research Infrastructure Strategy and further supported by the Super Science Initiative of the Education Investment Fund

Implementation

Uses (biosecurity, land-use, climate change, crop development, resource management, education, materials, forensics, taxonomy, etc.)

Regional Atlas

Biodiversity Information Explorer

Biosecurity Portal

Annotation Tools

Distribution

Metadata repository

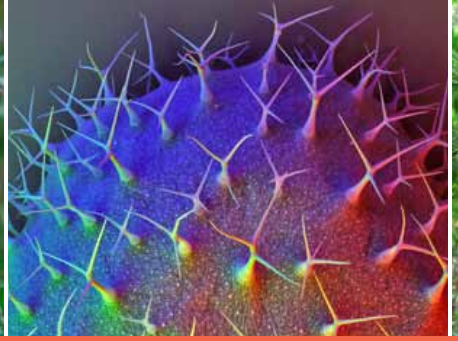
Names and Classification

Links to international projects

Metadata (source, methods, ownership, access, etc.)

Data (collections, field observations, literature, molecular, images, expert knowledge, etc.)





The Atlas of Living Australia Participants

www.ala.org.au

CSIRO

Australian museum
nature culture discover

MUSEUMVICTORIA

qm queensland museum

Tasmanian Museum & Art Gallery
Tasmania
Explore the possibilities

MUSEUM AND ART GALLERY NORTHERN TERRITORY
Northern Territory Government

South Australian Museum

WESTERN AUSTRALIAN museum

THE UNIVERSITY of ADELAIDE

Southern Cross UNIVERSITY
A new way to think

ATLAS OF LIVING AUSTRALIA
sharing biodiversity knowledge

CAMD COUNCIL OF AUSTRALASIAN MUSEUM DIRECTORS

CHAH
Council of Heads of Australasian Herbaria

CHAEC
Council of Heads of Australian Entomological Collections

CHAFC

Council of Heads of Australian Collections of Microorganisms

An Australian Government Initiative
National Collaborative Research Infrastructure Strategy

Australian Government
Department of Agriculture, Fisheries and Forestry

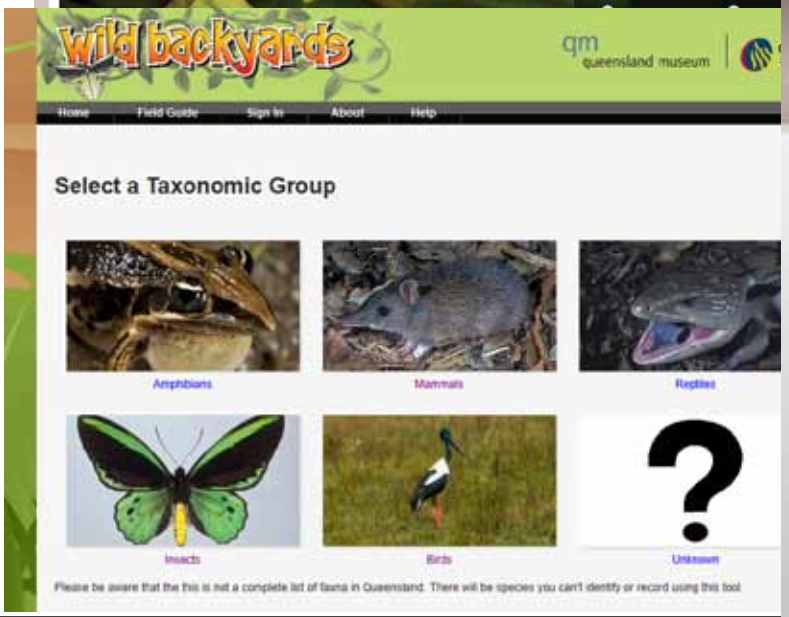
Australian Government
Department of Sustainability, Environment, Water, Population and Communities

ABRS

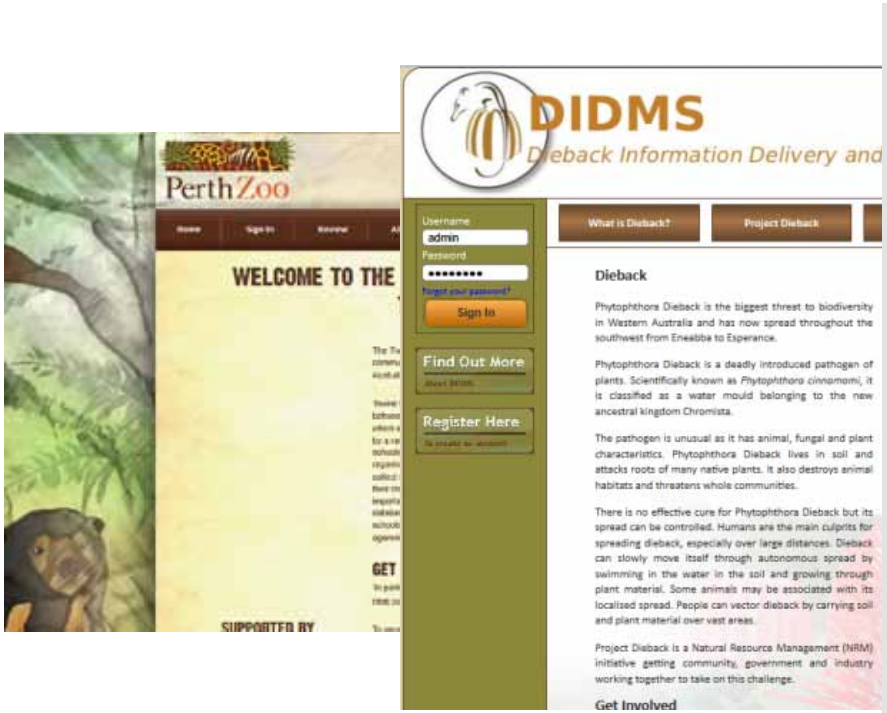
The Atlas is funded by the Australian Government under the National Collaborative Research Infrastructure Strategy and the Education Investment Fund

Global projects

Community Projects

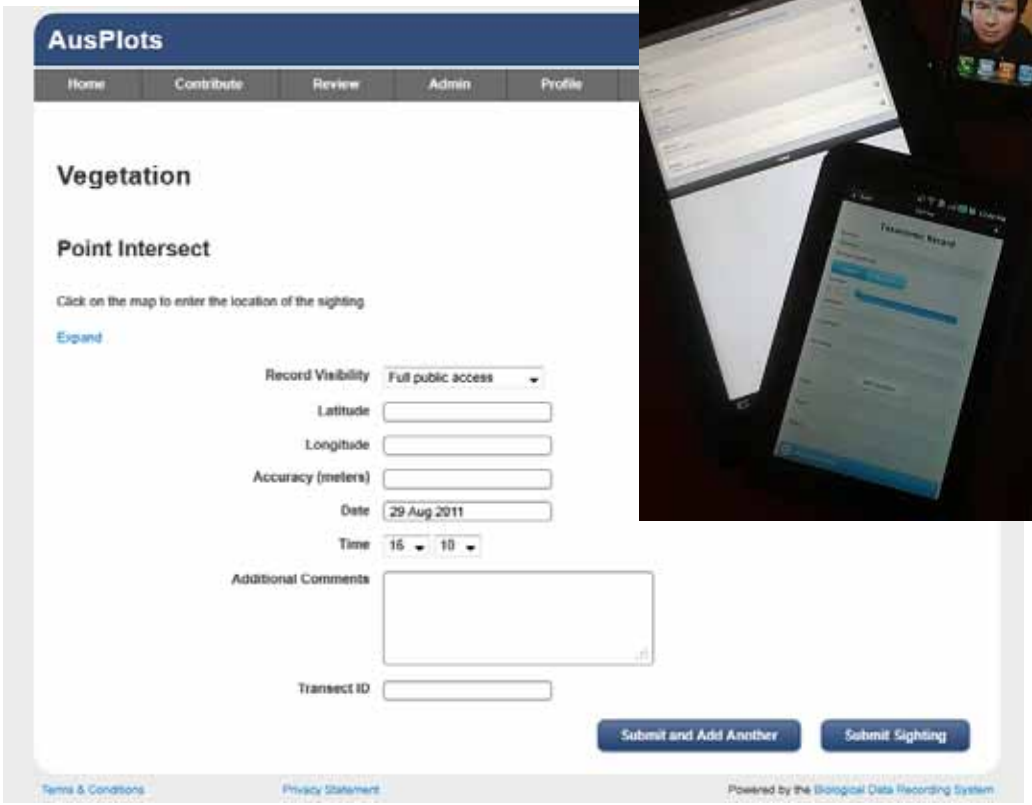


Field data capture



Plus TERN, TRIN, Ausplots, TREND, Myrtle Rust, more

Mobile


AusPlots
Home
Contribute
Review
Admin
Profile
Vegetation
Point Intersect
Click on the map to enter the location of the sighting
Expand
Record Visibility
Full public access
Latitude
Longitude
Accuracy (meters)
Date
29 Aug 2011
Time
16
10
Additional Comments
Transect ID
Submit and Add Another
Submit Sighting
Terms & Conditions
Privacy Statement
Powered by the Biological Data Recording System

ALA components

Taxonomy
http://biodiversity.org.au/taxon/Dodonaea_ovata
http://biodiversity.org.au/name/Dodonaea_ovata

Morphbank
http://morphbank.ala.org.au/?id=130972

IdentifyLife
http://www.identifylife.org/

Biodiversity Heritage Library
http://bhl.ala.org.au/

Volunteer portal
http://volunteer.ala.org.au/

Field capture
http://birdsaustralia.ala.org.au/

Flickr EOL group
http://www.flickr.com/groups/encyclopedia_of_life/

Atlas of Living Australia - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://www.ala.org.au/

Atlas of Living Australia

ATLAS OF LIVING AUSTRALIA
sharing biodiversity knowledge

Home | Explore | Tools | Share | Support | Contact Us | About the Atlas | My Profile | Log in

Search the Atlas

The Atlas is a work in progress. This website is a window into what we are doing. We are busy integrating many more data sets and solving issues around combining data from different sources. We welcome your contributions. Learn more.

Get Started
with examples, forums, videos and frequently asked questions

Explore
information on species, maps, collections and regions

Share
sightings, photos and information

New & Noteworthy


Natural History Collections

GBIF


Wattles


Iconic Species


Shorebirds


Citizen Science

Atlas updates

More updates

10 JUNE, 2011
ALA story in Australian Geographic: Just one click to identify Australian species

9 JUNE, 2011
Fourth International Barcode of Life Conference 28/11 – 3/12/2011, Adelaide, South Australia

About the Atlas

The Atlas of Living Australia is an initiative to improve access to essential information on Australia's biodiversity by providing tools for researchers and others to access, combine and map data on Australian species. The Atlas project is a partnership between the Commonwealth Scientific and Industrial Research Organisation (CSIRO), the Australian natural history collections community and the Australian Government. Learn more »

An Australian Government Initiative
National Collaborative Research Infrastructure Strategy

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ATLAS OF LIVING AUSTRALIA
sharing biodiversity knowledge

Explore information on species, maps, collections and regions

Explore
- Your Area
- Regions
- Natural History Collections
- Species Maps
- Themes

Flora & fauna

Search the Atlas

Find information on Australia's biodiversity

Your area
Discover what lives around **you**

Regions
Explore a state or territory's biodiversity

Map Species
Map organisms and environmental data for the complete picture

Collections
Explore **Australia's natural history collections** and view digitised records

Themes

Themes provide stories of general interest to the Australian public about particular groups of organisms. The Atlas aims to provide insight into the importance of these animals, plants and microbes through the amalgamation of rich data sources. However, we cannot develop themes without the assistance of scientists, researchers and other interested parties.

Current themes within the Atlas of Living Australia

Continue reading →


Wattles


Iconic Species


Shorebirds


Biodiversity Events


Thrips


Ants


Biodiversity Case Studies

feedback

Australia's natural history collections

Learn about the institution, the collections they hold and view records of specimens that have been databased. Currently only the collections of ALA partners are shown. Over time this list will expand to include all natural history collections in Australia.

Map | List

Click a button to only show those organisms.

All collections
Show all 141 collections.

Fauna
Mammals, birds, reptiles, fish, amphibians and invertebrates.

Insects
Insects, spiders, mites and some other arthropods.

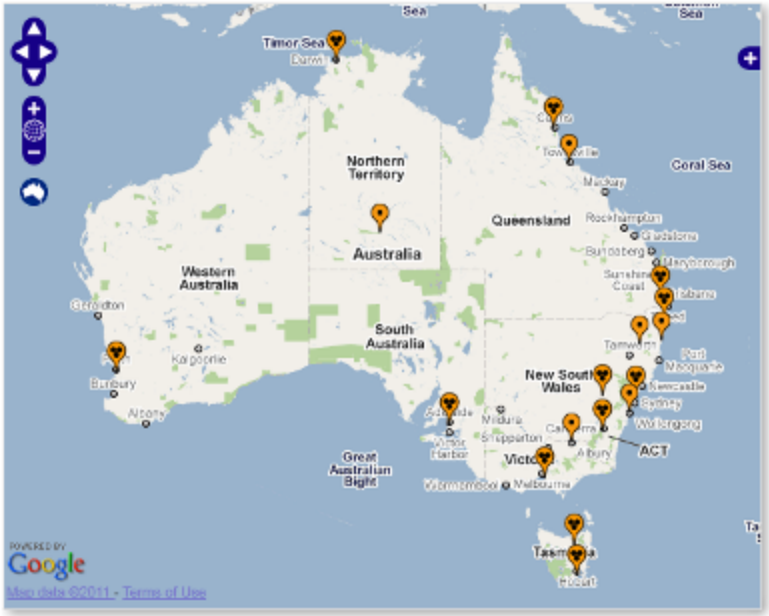
Microorganisms
Protists, bacteria, viruses, microfungi and microalgae.

Plants
Vascular plants, algae, fungi, lichens and bryophytes.

141 collections in total.

All are currently visible on the map.

Click on a map pin to see the collections at that location. Use the map controls to zoom into an area of interest. Or drag your mouse while holding the shift key to zoom to an area.



indicates there are multiple collections at this location.

feedback

Map List

Click a button to only show those organisms.

All collections
Show all 141 collections.

Fauna
Mammals, birds, reptiles, fish, amphibians and invertebrates.

Insects
Insects, spiders, mites and some other arthropods.

Microorganisms
Protists, bacteria, viruses, microfungi and microalgae.

Plants
Vascular plants, algae, fungi, lichens and bryophytes.

141 collections in total.

All are currently visible on the map.

141 collections are listed alphabetically. Click on a collection name to see more details including the digitised specimen records for the collection. Collections not shown on the map (due to lack of location information) are marked .

- Australian Museum
  - Australian Museum Arachnology Collection
  - Australian Museum Entomology Collection (AMS)
  - Australian Museum Herpetology Collection (AMS)
  - Australian Museum Ichthyology Collection
  - Australian Museum Malacology Collection
  - Australian Museum Mammalogy Collection
  - Australian Museum Marine Invertebrate Collection
  - Australian Museum Ornithology Collection (AMS)
  - Australian Museum Palaeontology Collection
- Australian Tropical Herbarium
  - Australian Tropical Herbarium (CNS)
- Botanic Gardens and Parks Authority
  - Kings Park and Botanic Garden Herbarium (KPBG)
- Centre for Australian National Biodiversity Research
  - Australian National Herbarium (CANB)
- Charles Sturt University
  - Charles Sturt University Herbarium (CSU)
- Coffs Harbour City Council
  - North Coast Regional Botanic Gardens Herbarium (CFSHB)
- Commonwealth Scientific and Industrial Research Organisation
  - Australian National Algae Culture Collection (ANACC)
  - Australian National Fish Collection (CSIRO)
  - Australian National Insect Collection (ANIC)
  - Australian National Wildlife Collection (ANWC)
  - CSIRO Food & Nutritional Sciences (FRR)
- Department of Agriculture and Food - Western Australia
  - DAFWA - Invertebrate Reference Collection (DAFWA)
  - DAFWA - Plant Pathology Culture Collection (WAC)
- Department of Employment, Economic Development and Innovation
  - Biosecurity Queensland Cairns Collection (BQCC)
  - Queensland Forestry Research Institute (QFIC)
  - Queensland Plant Pathology Herbarium (BRIP)
  - Queensland Primary Industries Insect Collection (QPIIC)
  - Queensland Primary Industries Mareeba - Entomology (QPIM)
- Department of Environment and Conservation
  - Western Australian Herbarium (PERTH)
- Department of Environment and Natural Resources
  - State Herbarium of South Australia (AD)
- Department of Environment and Resource Management
  - Queensland Herbarium (BRI)
- Department of Natural Resources, Environment, The Arts and Sport

feedback

Australian National Insect Collection

Commonwealth Scientific and Industrial Research Organisation

Acronym: ANIC LSID

Overview | Records & Statistics

Description

The Australian National Insect Collection (ANIC) is the world's largest collection of Australian insects and related groups such as mites, spiders, earthworms, nematodes and centipedes.

ANIC is an important research collection used by CSIRO researchers, university staff and students, and scientists from Australian and international research organisations.

The collection was established in 1928 and continues to the present.

Taxonomic range

Kingdoms covered include: Animalia.

The Australian National Insect Collection includes members from the following taxa:
Insecta, Arachnida, Chilopoda, Collembola, Crustacea and Diplopoda.

Geographic range

All Australian states are covered.

Number of specimens in the collection

The estimated number of specimens in the Australian National Insect Collection is 12,000,000.

Of these 500,000 are databased. This represents 4.2 % of the collection.

Click the Records & Statistics tab to access those database records that are available through the atlas.

Sub-collections

The Australian National Insect Collection contains these significant collections:

- ANIC - Queensland Bioscience Precinct - The primary focus of the ANIC sub-collection held at the Biosciences Precinct in Brisbane stems from research on invasive insects of Australian plant species.
- ANIC - Northern Territory - The primary focus of this collection is northern Australian ant fauna (Hymenoptera: Formicidae), with > 5,000 Australian species represented in the collection. It also includes a comprehensive collection of grasshoppers (Orthoptera) and a representative collection of

One of the three collection halls within ANIC.

Location

Clunies Ross Street
Canberra
ACT 2601
Australia

Contact

Dr Beth Mantle
ANIC Manager
phone: (02) 6246 4281
email

Dr Alan Anderson
Curator of the ANIC - Northern Territory sub-collection
phone: (08) 8944 8431
email

Dr Tim Heard
Curator of the ANIC - Queensland Bioscience Precinct sub-collection
phone: (07) 3833 5730
email

Web site

Visit the collection's website
Visit the institution's website

Membership

Council of Heads of Australian Entomological Collections

Acronym: ANIC LSID

Overview | Records & Statistics

Digitised records available through the Atlas

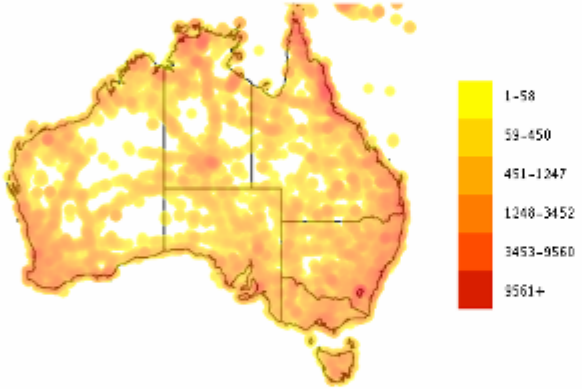
The Australian National Insect Collection has an estimated 12,000,000 specimens.
The collection has databased 4.2 % of these (500,000 records).

217,574 records can be accessed through the Atlas of Living Australia.

Records for 1.8% of specimens are available for viewing in the Atlas.

Click to view all records for the Australian National Insect Collection

Map of occurrence records



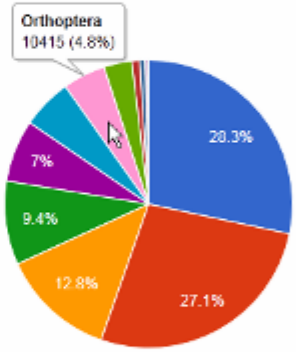
Learn more about Atlas maps

Records by taxonomic group

View all records

Records by order

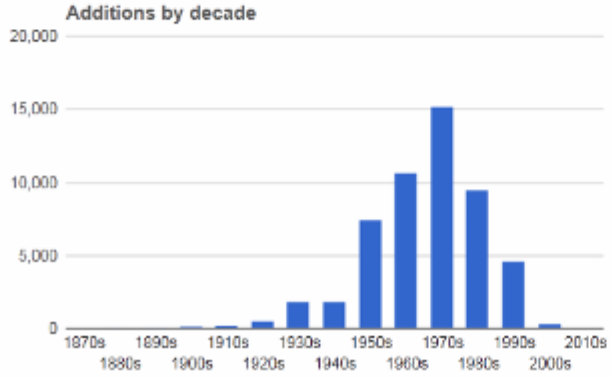
- Coleoptera
- Hymenoptera
- Lepidoptera
- Isoptera
- Odonata
- Hemiptera
- Orthoptera
- Diptera
- Thysanoptera
- Plecoptera
- Megaloptera
- Neuroptera
- Polydesmida
- Phthiraptera
- Phasmida
- Araneae



Click a slice or legend to drill into a group.

Learn more about classification errors

Records by collection date



Occurrence Records

View as Map | Download

Refine results

61,556 results returned for **Collection: Australian National Insect Collection**

Current Filters

Order: **Coleoptera** [X]

Dataset

Australian National Insect Collection (60,910)
Australian National Insect Collection EntomID-PNG Dataset (646)

State/Territory

Queensland (10,139)
New South Wales (3,508)
Northern Territory (1,838)
Australian Capital Territory (1,622)
+ Show More

Biogeographic Region

Wet Tropics (3,711)
Cape York Peninsula (3,675)
South Eastern Highlands (2,162)
Einasleigh Uplands (1,706)
+ Show More

Identified to Rank

Species (59,078)
Genus (1,156)
Subspecies (887)
Infraspecific (433)
+ Show More

Family

Scarabaeidae (28,522)
Dytiscidae (8,626)
Hydrophilidae (5,785)
Chrysomelidae (4,497)
+ Show More

Date (by month)

January (3,484)
February (2,100)
March (1,308)
April (1,462)

Results per page 20 | Sort by best match | Sort order normal

Record: 181454546 — Species: *Acanthoscelides macrophthalmus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454547 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454548 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454549 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454550 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454551 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454552 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454553 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454554 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454555 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454556 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454557 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454558 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Record: 181454559 — Species: *Acanthoscelides obtectus*
Dataset: Australian National Insect Collection Record Type: Specimen

Occurrence Record: 66746574

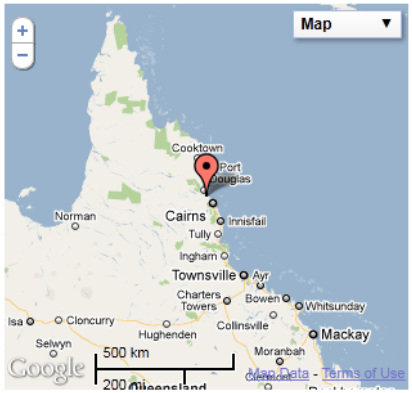
Anoplognathus abnormis Macleay

Dataset

Annotate Dataset

Data Provider	Australian National Insect Collection, CSIRO Entomology
Data Set	Australian National Insect Collection
Institution	Commonwealth Scientific and Industrial Research Organisation Institution Code: "ANIC"
Collection	Australian National Insect Collection Collection Code: "Insects"
Catalogue Number	25-000006-51
Basis of Record	specimen *Supplied as: "S"*
Record Date	1964-03-12 *Supplied as: "year: 1964, month: 03, day: 12"*
Collector/observer	Common,I.F.B. & Upton,M.S.
Comments	[0 comments]

Location of record



Taxonomy

Annotate Taxonomy

Scientific Name	*Anoplognathus abnormis* Macleay *Supplied as: "Anoplognathus abnormis Macleay, 1873"*
Taxon Rank	Species
Kingdom	Animalia
Phylum	Arthropoda
Class	Insecta
Order	Coleoptera
Family	Scarabaeidae
Genus	Anoplognathus
Species	Anoplognathus abnormis *Supplied as: "abnormis"*
Comments	[0 comments]

Geospatial

Annotate Geospatial

Supplied as: "Anoplognathus abnormis Macleay, 1873"

Taxon Rank	Species
Kingdom	Animalia
Phylum	Arthropoda
Class	Insecta
Order	Coleoptera
Family	Scarabaeidae
Genus	Anoplognathus
Species	Anoplognathus abnormis *Supplied as: "abnormis"*
Comments	[0 comments]

Geospatial

Annotate Geospatial

Country	Australia
State/Province	Queensland
Biogeographic Region	Wet Tropics
Place	Douglas; Mareeba
Locality	9 mls. N of Kuranda
Latitude	-16.733329999999999
Longitude	145.5667
Coordinate Precision (metres)	10km
Comments	[0 comments]

First indexed: 2007-05-09
Last indexed: 2007-05-09

Dodonaea viscosa (L.) Jacq. [CHAH 2006]

URI	http://biodiversity.org.au/apni.taxon/298605
LSID	urn:lsid:biodiversity.org.au:apni.taxon:298605
Name	Dodonaea viscosa (L.) Jacq.
Taxonomic tree	according to apc
According to	CHAH (2006)
Publication	CHAH, (2006) Australian Plant Census.
includes (nomenclatural)	Ptelea viscosa L.
includes (taxonomic)	Dodonaea angustifolia Roxb.
includes (taxonomic)	Dodonaea dioeca Roxb.
includes (taxonomic)	Dodonaea neriifolia A.Cunn. ex A.M.Gray
includes (taxonomic)	Dodonaea ovata Dum.Cours.
includes (taxonomic)	Dodonaea scabra Lodd. ex Loudon
is child taxon of (classification)	Dodonaea Mill. sensu West, J.G (1985)	APC (2006)
is parent taxon of (classification)	Dodonaea viscosa 'Purpurea' sensu Galbraith, J. (1970)	APC (2006)
is parent taxon of (classification)	Dodonaea viscosa (L.) Jacq. subsp. viscosa [CHAH 2006]	APC (2006)
is parent taxon of (classification)	Dodonaea viscosa (L.) Jacq. subsp. viscosa [CHAH 2006]	
is parent taxon of (classification)	Dodonaea viscosa subsp. angustifolia (L.f.) J.G.West sensu West, J.G (1985)	APC (2002)
is parent taxon of (classification)	Dodonaea viscosa subsp. angustissima (DC.) J.G.West [CHAH 2005]	APC (2008)
is parent taxon of (classification)	Dodonaea viscosa subsp. burmanniana (DC.) J.G.West [CHAH 2006]	APC (2006)
is parent taxon of (classification)	Dodonaea viscosa subsp. burmanniana (DC.) J.G.West [CHAH 2006]	
is parent taxon of (classification)	Dodonaea viscosa subsp. cuneata (Sm.) J.G.West [CHAH 2006]	APC (2006)
is parent taxon of (classification)	Dodonaea viscosa subsp. cuneata (Sm.) J.G.West [CHAH 2006]	
is parent taxon of (classification)	Dodonaea viscosa subsp. mucronata J.G.West [CHAH 2006]	APC (2006)
is parent taxon of (classification)	Dodonaea viscosa subsp. mucronata J.G.West [CHAH 2006]	
is parent taxon of (classification)	Dodonaea viscosa subsp. spatulata (Sm.) J.G.West [CHAH 2006]	APC (2006)
is parent taxon of (classification)	Dodonaea viscosa subsp. spatulata (Sm.) J.G.West [CHAH 2006]	

Zooming Viewer for 576265 - Morphbank :: Biological Imaging - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.morphbank.net/bischary?id=576265

Biodiversity Information Explorer | Atlas ... | Dodonaea viscosa (L.) Jacq. [CHAH 200... | My Manager - Morphbank :: Biological I... | Zooming Viewer for 576265 - Morphban...

Zooming Viewer for 576265

User: Guest (Click to login)

About Browse Tools Help

how to use the viewer

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File Edit View History Bookmarks Tools Help

http://www.morphbank.net/bischary?id=576265

Biodiversity Information Explorer | Atlas ... | Dodonaea viscosa (L.) Jacq. [CHAH 200... | My Manager - Morphbank :: Biological I... | Zooming Viewer for 576265 - Morphban...

Zooming Viewer for 576265

User: Guest

About Browse Tools Help

how to use the viewer

Volunteer Portal - Atlas of Living Australia - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://volunteer.ala.org.au/

Biodiversity Information Explorer | Atlas ... | Volunteer Portal - Atlas of Living Australia

ATLAS OF LIVING AUSTRALIA

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Transcribe Specimen labels

Welcome to the Volunteer Portal

This is a prototype web application for providing users with the ability to transcribe specimen records.
For more information contact **Paul Flemons**.

Start

Scoreboard

My stats

feedback

Transcribe Specimen labels

Transcribe Task: Dave's Cicada Collection (ID: 6626)

Specimen Metadata

Institution:
Project: Dave's Cicada Collection
Catalogue No.:
Taxa:

1. Enter all label text into the box below

2. Collection Event (Complete fields below using text from the labels as entered in step 1.)

Collector
Event Date (YYYY-MM-DD)
Verbatim Locality
Verbatim Latitude
Verbatim Longitude

3. Interpreted Location Show mapping tool (Use the mapping tool before attempting to enters values manually)

Locality
State/Territory
Decimal Latitude
Country
Decimal Longitude
Coordinate Uncertainty In Meters

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