

www.ala.org.au

Atlas of Living Australia

John Tann

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Systems Pest Management

September 2011

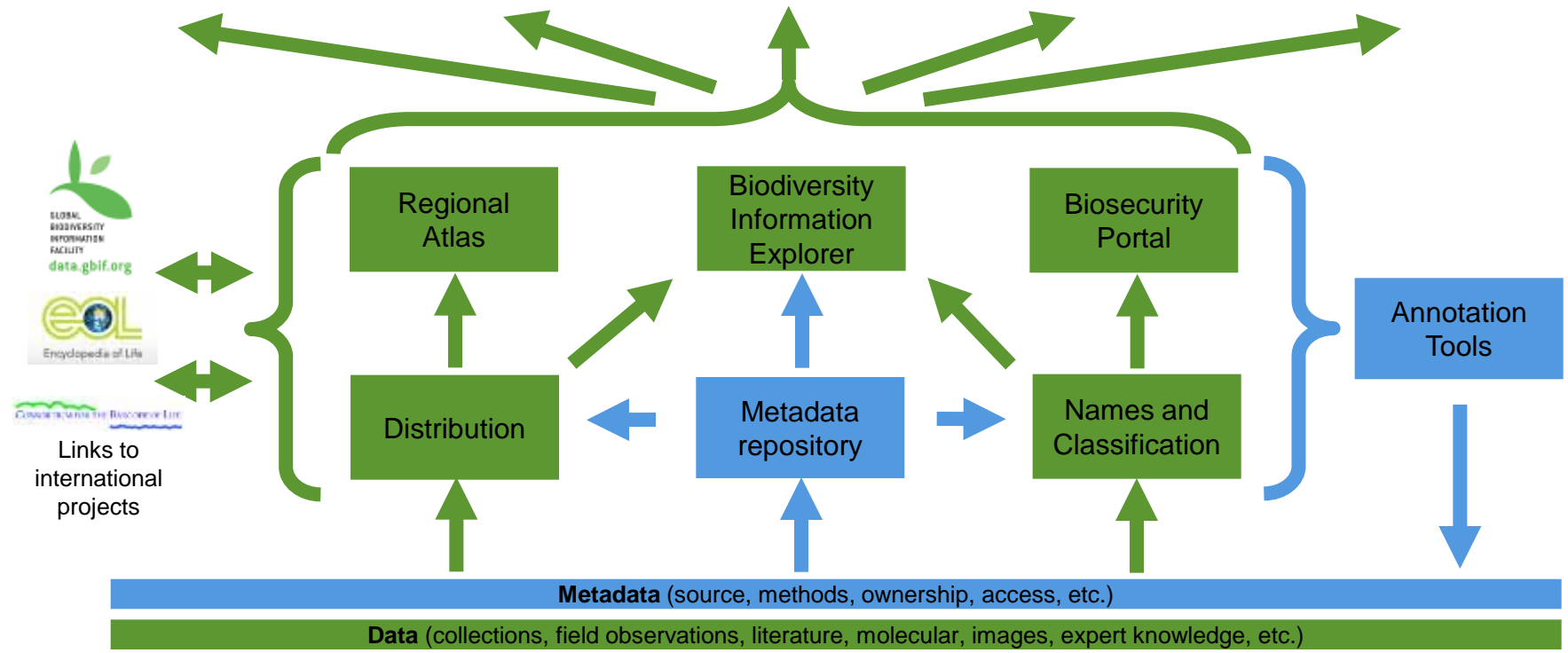


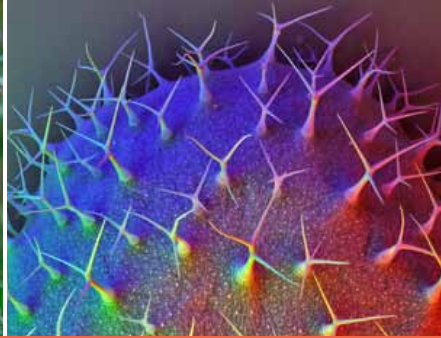
The Atlas is funded by the Australian Government under the National Collaborative Research Infrastructure Strategy and further supported by the Super Science Initiative of the Education Investment Fund

Implementation



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





The Atlas of Living Australia Participants

www.ala.org.au



Council of Heads of Australian Collections of Microorganisms



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



Global projects



Community Projects



ClimateWatch
an initiative of Earthwatch Institute

Home About Get Involved Species Results News Newsletter Contact Us

Observe. Record. Discover.

Watch your favourite wildlife or plants and record them here online!

- All Species
- Birds
- Frogs
- Insects
- Mammals
- Marine Animals
- Plants
- All Regions
- ACT
- NSW
- NT
- QLD
- SA
- TAS
- All Periods
- Summer
- Autumn
- Winter
- Spring

MUSEUM VICTORIA

Biodiversity Snapshots

Home Sign In Field Guide Education Program About Help

Welcome to Biodiversity Snapshots

Animals, such as mammals, birds and insects live all around us. But have you ever really looked at what's in your local area? And can you identify what you see?

EXPLORE A FIELD GUIDE CONTAINING **650 SPECIES**

wild backyards

Home Field Guide Sign In About Help

Select a Taxonomic Group

- Amphibians
- Mammals
- Reptiles
- Insects
- Birds
- Unknown

Please be aware that this is not a complete list of fauna in Queensland. There will be species you can't identify or record using this tool.

ATLAS OF LIVING AUSTRALIA
Sharing biodiversity knowledge

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

Search the Atlas

Advanced Review

Refine results for 541 records returned

Search within results [] Search

Map List

My Records Only (2)

Species Group

Month

Year

- 1995 (1)
- 2005 (1)
- 2006 (8)
- 2007 (8)
- 2008 (0)
- 2009 (17)
- 2010 (192)
- 2011 (305)
- 2021 (1)

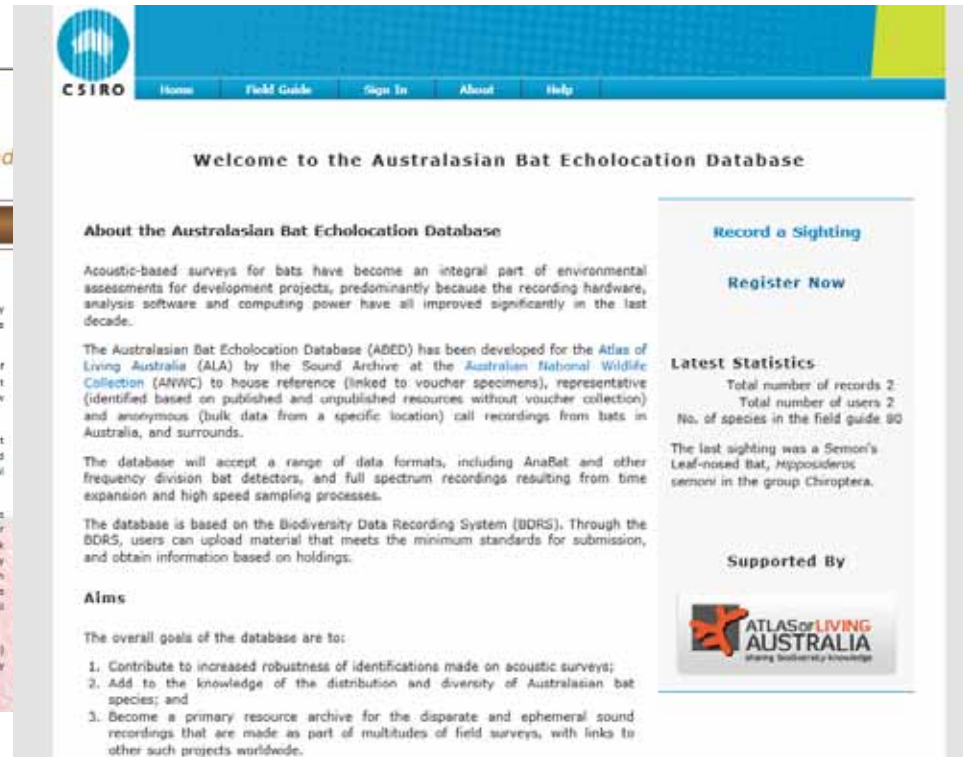
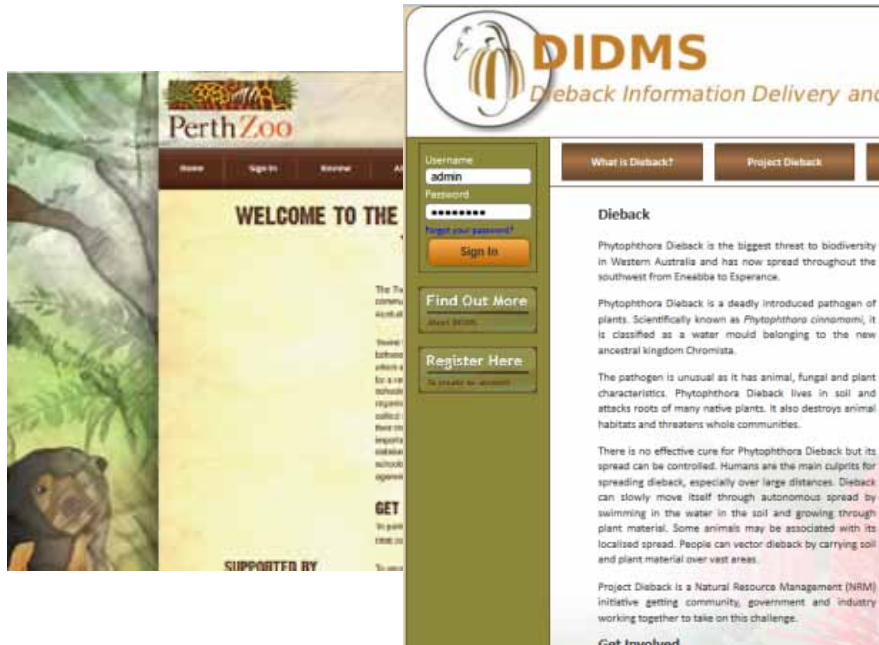
Survey

Multimedia

- Data File (4)

Map of Australia showing record locations

Field data capture



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

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

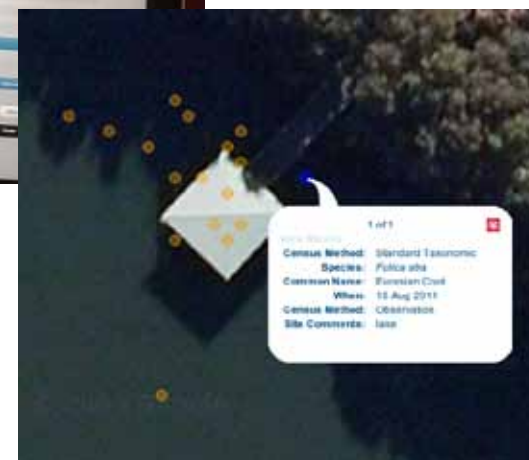
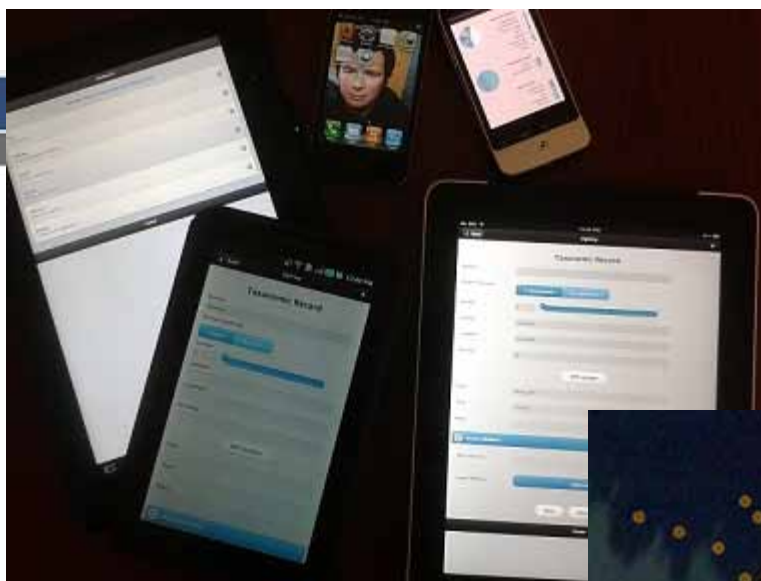
Time: 15:10

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/




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 >](#)



feedback



Search the Atlas

Home - Explore
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](#)



feedback



Search the Atlas

Home : Explore : Natural History Collections

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.



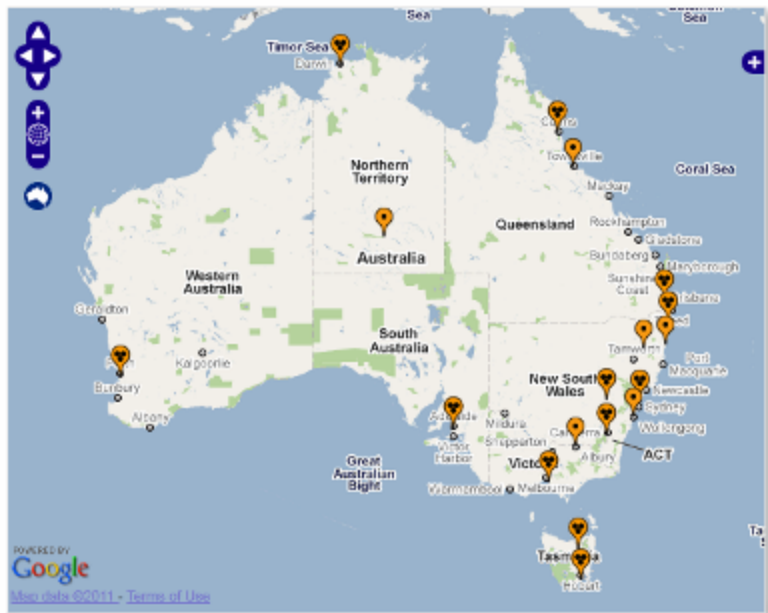
Plants
Vascular plants, algae, fungi, lichens and bryophytes.



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



Search the Atlas

Home : Explore : Natural History Collections : Australian National Insect Collection

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

feedback

Acronym: ANIC [LSID](#)

Overview **Records & Statistics**

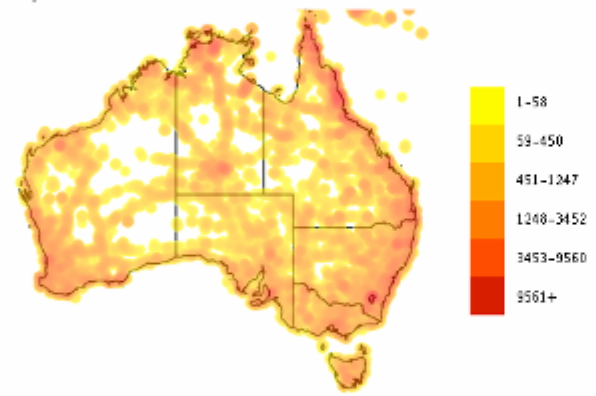
Digitised records available through the Atlas

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.

[Click to view all records for the Australian National Insect Collection](#)

Map of occurrence records



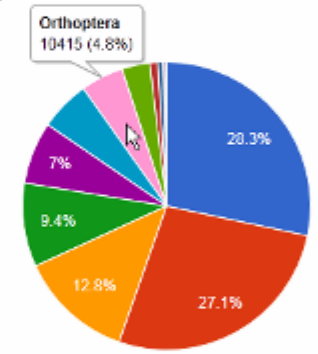
[Learn more about Atlas maps](#)

Records by taxonomic group

[View all records](#)

Records by order

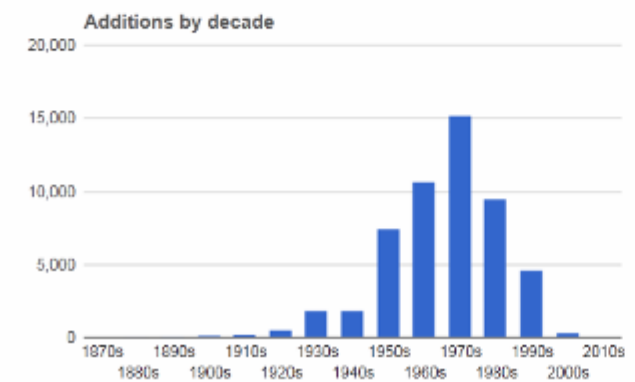
- Coleoptera
- Hymenoptera
- Lepidoptera
- Isoptera
- Odonata
- Hemiptera
- Orthoptera
- Diptera
- Thysanoptera
- Plecoptera
- Megaloptera
- Neuroptera
- Polydesmida
- Phthiraptera
- Phasmida
- Araneae



Click a slice or legend to drill into a group.

[Learn more about classification errors](#)

Records by collection date



Home : Explore : Occurrence Records

Occurrence Records

View as Map

Download

Refine results

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

Current Filters

Results per page Sort by Sort order

Order: Coleoptera [X]

Dataset

[Australian National Insect Collection](#)
(60,910)

[Australian National Insect Collection](#)
[EntomID-PNG Dataset](#) (646)

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

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)

[Einasteigh 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)

Occurrence Record: 66746574

Anoplognathus abnormis Macleay

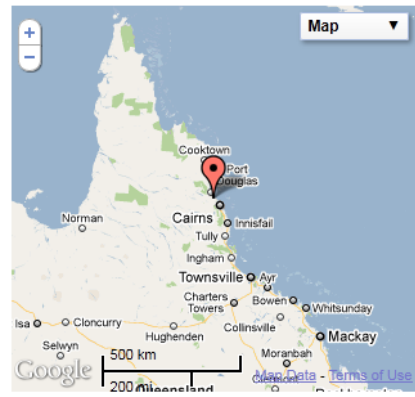
Dataset

[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 <i>Supplied as: "S"</i>
Record Date	1964-03-12 <i>Supplied as: "year: 1964, month: 03, day: 12"</i>
Collector/observer	Common, I.F.B. & Upton, M.S.
Comments	[0 comments]



Location of record



Taxonomy

[Annotate Taxonomy](#)

Scientific Name	Anoplognathus abnormis Macleay <i>Supplied as: "Anoplognathus abnormis Macleay, 1873"</i>
Taxon Rank	Species
Kingdom	Animalia
Phylum	Arthropoda
Class	Insecta
Order	Coleoptera
Family	Scarabaeidae
Genus	Anoplognathus
Species	Anoplognathus abnormis <i>Supplied as: "abnormis"</i>
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 <i>Supplied as: "abnormis"</i>
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

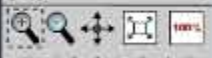


Dodonaea viscosa (L.) Jacq. [CHAH 2006] [↗](#)

- 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](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa 'Purpurea' sensu Galbraith, J. \(1970\)](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa \(L.\) Jacq. subsp. viscosa \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa \(L.\) Jacq. subsp. viscosa \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. angustifolia \(L.f.\) J.G.West sensu West, J.G \(1985\)](#) [↗](#) [APC](#) [↗](#) [APC \(2002\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. angustissima \(DC.\) J.G.West \[CHAH 2005\]](#) [↗](#) [APC](#) [↗](#) [APC \(2008\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. burmanniana \(DC.\) J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. burmanniana \(DC.\) J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. cuneata \(Sm.\) J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. cuneata \(Sm.\) J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. mucronata J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. mucronata J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. spatulata \(Sm.\) J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)
- is parent taxon of (classification) [Dodonaea viscosa subsp. spatulata \(Sm.\) J.G.West \[CHAH 2006\]](#) [↗](#) [APC](#) [↗](#) [APC \(2006\)](#)

[how to use the viewer](#)

32%



MorphoBank zooming tool
(O'Leary and Kaufman, 2007)





Zooming Viewer for 576265

User: Guest [Click to Register](#)

- About
- Browse
- Tools
- Help

[how to use the viewer](#)

100%

MorphoBank zooming tool
(O'Leary and Kaufman, 2007)





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**.





Volunteers home : Projects : Dave's Cicada Collection : Transcribe Task - 6626

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 enter values manually)

Locality

State/Territory

Decimal Latitude

Country

Decimal Longitude

Coordinate Uncertainty

In Meters

