

www.ala.org.au

The Atlas of Living Australia

Infrastructure for biodiversity research

Donald Hobern

Donald.Hobern@csiro.au

Canberra, 22 September 2011



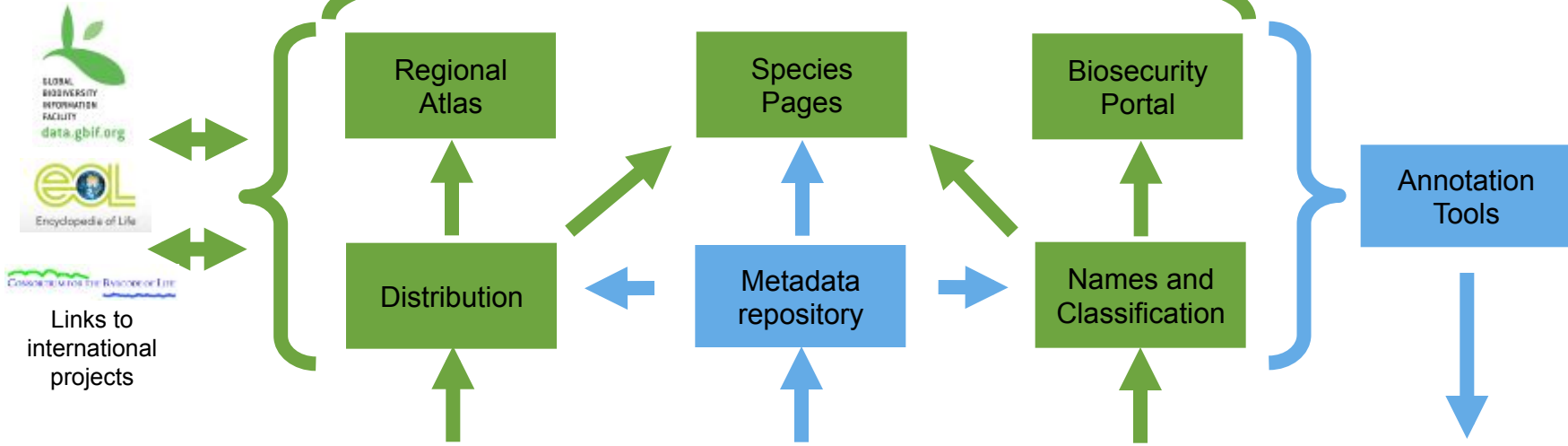
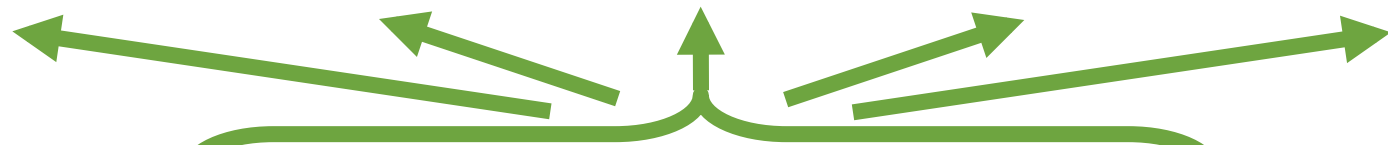
The Atlas is funded by the Australian Government under the National Collaborative Research Infrastructure Strategy and further supported by the Super Science Initiative of the Education Investment Fund

- Australian Government funding to June 2012
 - NCRIS 2006-2012: \$8.2M
 - EIF Super Science 2009-2012: \$30.0M
 - ALA partner in-kind contributions: \$26.5M
- Mission
 - To develop an authoritative, freely accessible, distributed and federated biodiversity data management system
- Partners
 - **Representative bodies:**
 - Council of Heads of Australasian Herbaria
 - Council of Heads of Australian Faunal Collections
 - Council of Heads of Australian Entomological Collections
 - Council of Heads of Australian Collections of Microorganisms
 - Council of Australasian Museum Directors
 - **State museums:**
 - Australian Museum
 - Museum and Art Gallery of the Northern Territory
 - Museum Victoria
 - Queensland Museum
 - South Australian Museum
 - Tasmanian Museum and Art Gallery
 - Western Australian Museum
 - **Government:**
 - **CSIRO – lead agent**
 - Department of the Environment, Water, Heritage and the Arts
 - Department of Agriculture, Fisheries and Forestry
 - **Universities:**
 - Southern Cross University
 - University of Adelaide

Basic concept



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



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

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



Building on the work of others



AVH Australia's Vascular Herbarium

Query AVH
About AVH
Partners
Sponsors
Credits

OZCAM
Online Catalogue of Australian Macrofauna

Participating Organizations

BioMaps

Welcome to BioMaps

MAP SPECIES RECORDS

CREATE A SPECIES LIST

FIND FACTSHEETS

An Australian Government Initiative

Council of Heads of Australasian Herbaria

Australian Plant Census - APC

About the Australian Plant Census

Australian Faunal Directory

Name Search

birdata

Welcome to Birdata 26 July 2010

Night Parrot: Catch Me If You Can

Names & classifications

What species occur in Australia?



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

Search the Atlas

Items: Explore | *Acacia decurrens* Willd.: Black Wattle

Acacia decurrens Willd.
Black Wattle

Rank: Species
Name source: [Australian Plant Census](#) #
Data links: [LSD](#) | [JBN](#)

Plants: Magnoliophyta: Magnoliopsida: Fabales: Fabaceae: Acacia: *Acacia decurrens*

Overview Gallery Names Classification Records Literature

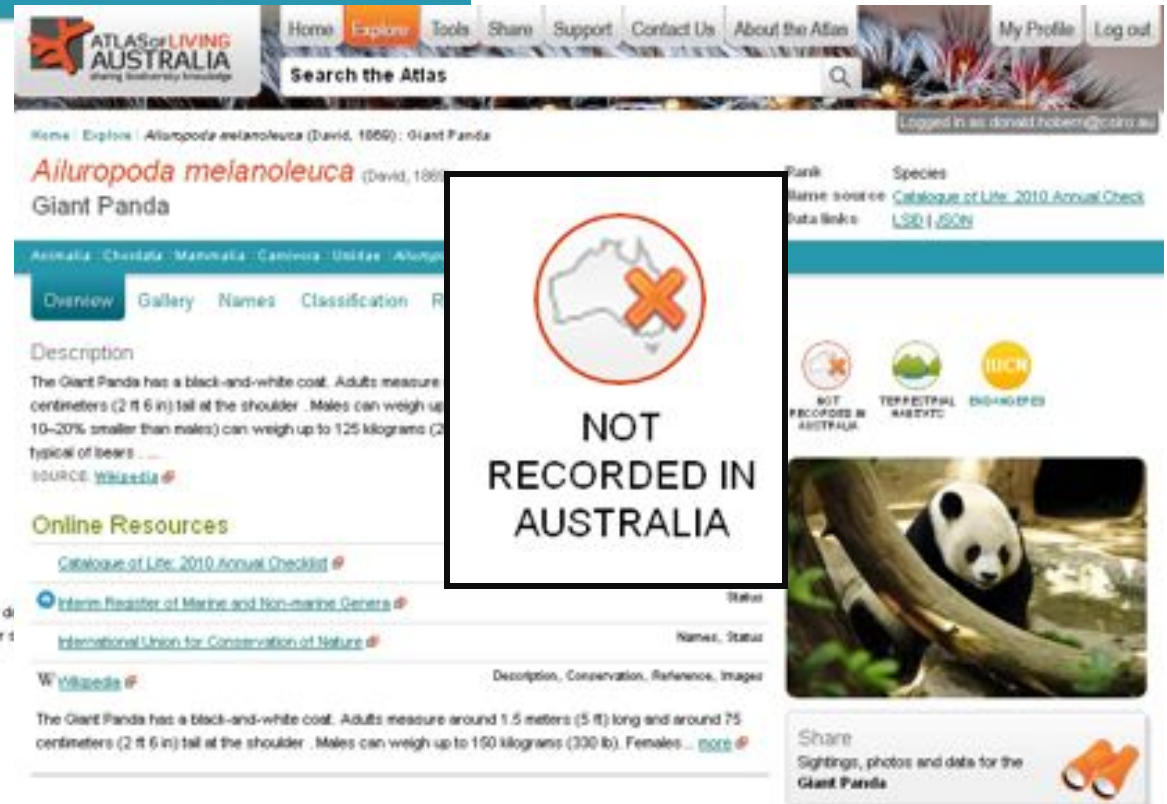
Mapped occurrence records
[View occurrence records list](#) | [View occurrence records map](#)



RECORDED IN AUSTRALIA

Learn more about Atlas maps

Description
Tall shrub to small tree 3–10 m high or sometimes taller; bark smooth to deeply fissured, brown or drab; blackish, branchlets angled with winged ridges which are decurrent with the petioles, glabrous or hairy with minute appressed hairs.
SOURCE: [PlantNET Flora Online](#) #



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

Search the Atlas

Items: Explore | *Ailuropoda melanoleuca* (David, 1869): Giant Panda

Ailuropoda melanoleuca (David, 1869)
Giant Panda


Animalia: Chordata: Mammalia: Carnivora: Ursidae: Ailuropoda

Overview Gallery Names Classification Records Literature

Description
The Giant Panda has a black-and-white coat. Adults measure around 1.5 meters (5 ft) tall at the shoulder. Males can weigh up to 125 kilograms (275 lb) (females are typically 10–20% smaller than males).
SOURCE: [Wikipedia](#) #


Online Resources
[Catalogue of Life, 2010 Annual Checklist](#) #
[Intern. Register of Marine and Non-marine Genera](#) #
[International Union for Conservation of Nature](#) #
[Wikipedia](#) #

Rank: Species
Name source: [Catalogue of Life, 2010 Annual Checklist](#)
Data links: [LSD](#) | [JBN](#)



NOT RECORDED IN AUSTRALIA

NOT RECORDED IN AUSTRALIA
TERRISTRIAL ARCTIC
ENDANGERED




































Share
Sightings, photos and data for the **Giant Panda**

National species lists

Nymphoides Seg. [CHAH 2006]

URI <http://biodiversity.org.au/apni/taxon/309365>
LSID <urn:lsid:biodiversity.org.au:apni:taxon:309365>
Modified 2009-10-15
Name [Nymphoides Seg.](#) 
Taxonomic tree [according to apc](#) 
Rank Genus (gen)
According to CHAH (2006)
Publication CHAH, (2006) Australian Plant Census.

includes (taxonomic) [Linnæsthemum S. G. Gmel.](#) 
includes (taxonomic) [Vilarsia sect. Linnæsthemum \(S. G. Gmel.\) F. Muell.](#) 
is child taxon of (classification) [Metyanthaceae Dumort.](#) [CHAH 2008]  
is parent taxon of (classification) [Nymphoides aurantiaca \(Dalzell\) Kuntze](#) [CHAH 2006] 
is parent taxon of (classification) [Nymphoides aurantiaca \(Dalzell\) Kuntze sensu Aston, H.I. \(2009\)](#)  
is parent taxon of (classification) [Nymphoides beagleensis Aston](#)  
is parent taxon of (classification) [Nymphoides crenata \(F. Muell.\) Kuntze](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides crenata \(F. Muell.\) Kuntze](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides duperrea Aston](#)  
is parent taxon of (classification) [Nymphoides elliptica Aston](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides elliptica Aston](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides exigua \(F. Muell.\) Kuntze](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides exigua \(F. Muell.\) Kuntze](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides exiliflora \(F. Muell.\) Kuntze](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides exiliflora \(F. Muell.\) Kuntze](#) [CHAH 2010]  
is parent taxon of (classification) [Nymphoides farcufolia Specht](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides farcufolia Specht](#) [CHAH 2006]  
is parent taxon of (classification) [Nymphoides geminata \(R. Br.\) Kuntze](#) [CHAH 2006] 
is parent taxon of (classification) [Nymphoides geminata \(R. Br.\) Kuntze](#) [CHAH 2010]  

APC (2009)

APC (2010)

APC (2007)

APC (2007)

APC (2007)

APC (2007)

APC (2007)

APC (2010)

APC (2007)

APC (2010)

Rye, B.L. in Wheeler, J.R., Rye, B.E., Koch, B.L., Wilson, A.J.G. (Ed) (1992), *Flora of the Kimberley*

Specimens & observations

Specimens



ScientificName:	<i>Derwentia derwentiana</i>
Family:	Scrophulariaceae
Locality:	0.4 km E of Coryah Gap...
State:	NSW
DateCollected:	1998-12-12
Latitude:	-30.3
Longitude:	150.1
CoordinatePrecision:	200m
CoordinateMethod:	Paper map
TypeStatus:	None

Field observations



By dhobern
Donald Hobern

This photo was taken on September 20, 2010 in Acton, Canberra, ACT, AU, using a Nikon E4500



10 views 1 comment

This photo belongs to

Porela delineata

Porela delineata (Walker, 1855), Black Mountain, Canberra, ACT, 20 September 2010

ScientificName:	<i>Porela delineata</i>
Family:	Lasiocampidae
Locality:	Black Mountain
State:	ACT
DateCollected:	2010-09-20
Latitude:	-35.3
Longitude:	149.1
CoordinatePrecision:	10m
CoordinateMethod:	Yahoo! Maps
TypeStatus:	None

Standardised data

Home : Explore : Occurrence Record - 180739974

Logged in as Donald.Hobbs@cas.au

Occurrence Record Details: 180739974

Dataset

[Annotate Dataset](#)

Data Provider [OZCAM \(Online Zoological Collections of Australian Museums\) Provider](#)

Data Set [Western Australia Museum provider for OZCAM](#)

Institution [Western Australian Museum](#)
Institution Code: "WAM"

Collection [Western Australian Museum Bird Collection](#)
Collection Code: "AVIF"

Catalogue Number 172

Basis of Record specimen
Supplied as: "preservedSpecimen"

Comments [0 comments]



Possible Issues

Data validation tools identified the following possible issues:

- Miscellaneous issues: country inferred from coordinates

Taxonomy

[Annotate Taxonomy](#)

Scientific Name [Callacephalon fimbriatum](#)

Taxon Rank Species

Common Name Gang-gang Cockatoo

Kingdom [Animalia](#)

Phylum [Chordata](#)

Class [Aves](#)

Order [Psittaciformes](#)

Family [Cacatuidae](#)
Supplied as: "PSITTACIDAE"

Genus [Callacephalon](#)

Location of record



Local information



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

Search the Atlas

Logged in as: donald.huber@csiro.au

Home > Explore > Your Area

Explore Your Area

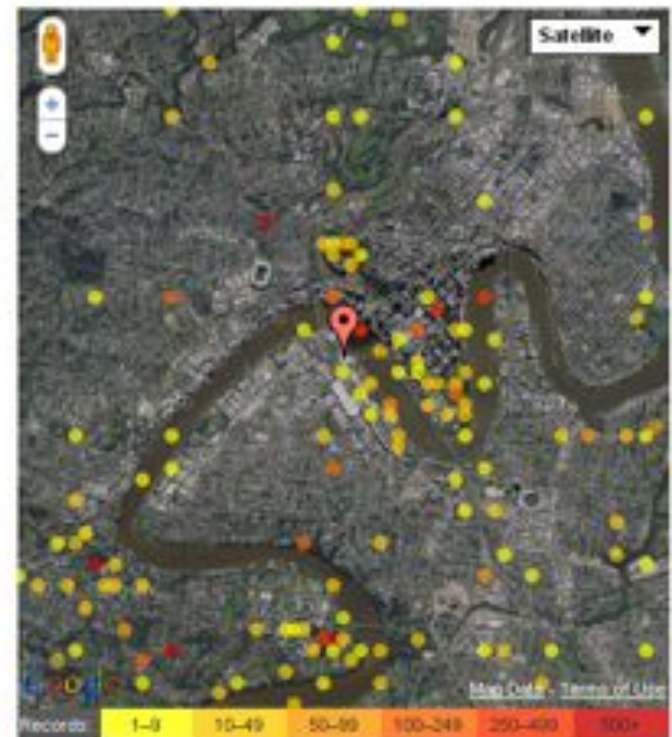
Enter your location or address

E.g. a street address, place name, postcode or GPS coordinates (as lat, long)

Showing records for: **74 Stanley St, South Brisbane QLD 4101, Australia** ?

Display records in a km radius [View all occurrence records](#)

Group	Count	Species	Records
All Species	2947	28. <i>Acacia podalyrifolia</i> (Mount Morgan Wattle)	2
Animals	1551	29. <i>Acacia spectabilis</i> (Glory Wattle)	1
Mammals	12	30. <i>Acacia suaveolens</i> (Sweet Wattle)	2
Birds	219	31. <i>Acacia ulicifolia</i> (Prickly Moses)	2
Reptiles	40	32. <i>Acalypha australis</i>	1
Amphibians	28	33. <i>Acalypha nemorum</i>	8
Fish	42	34. <i>Acanthiza chrysomha</i> (Yellow-rumped Thornbill)	2
Insects	1110	35. <i>Acanthiza pusilla</i> (Brown Thornbill)	1
Plants	1139	36. <i>Acanthiza reguloides</i> (Buff-rumped Thornbill)	1
Fungi	82	37. <i>Acanthopagrus australis</i> (Yellowfin Bream)	1
Chromista	0	38. <i>Acanthopis antarcticus</i> (Common Death Adder)	6
Protozoa	1	39. <i>Acanthopysilla pavidia</i>	1
Bacteria	0	40. <i>Acanthorhynchus tenuirostris</i> (Eastern Spinebill)	1



Regional information



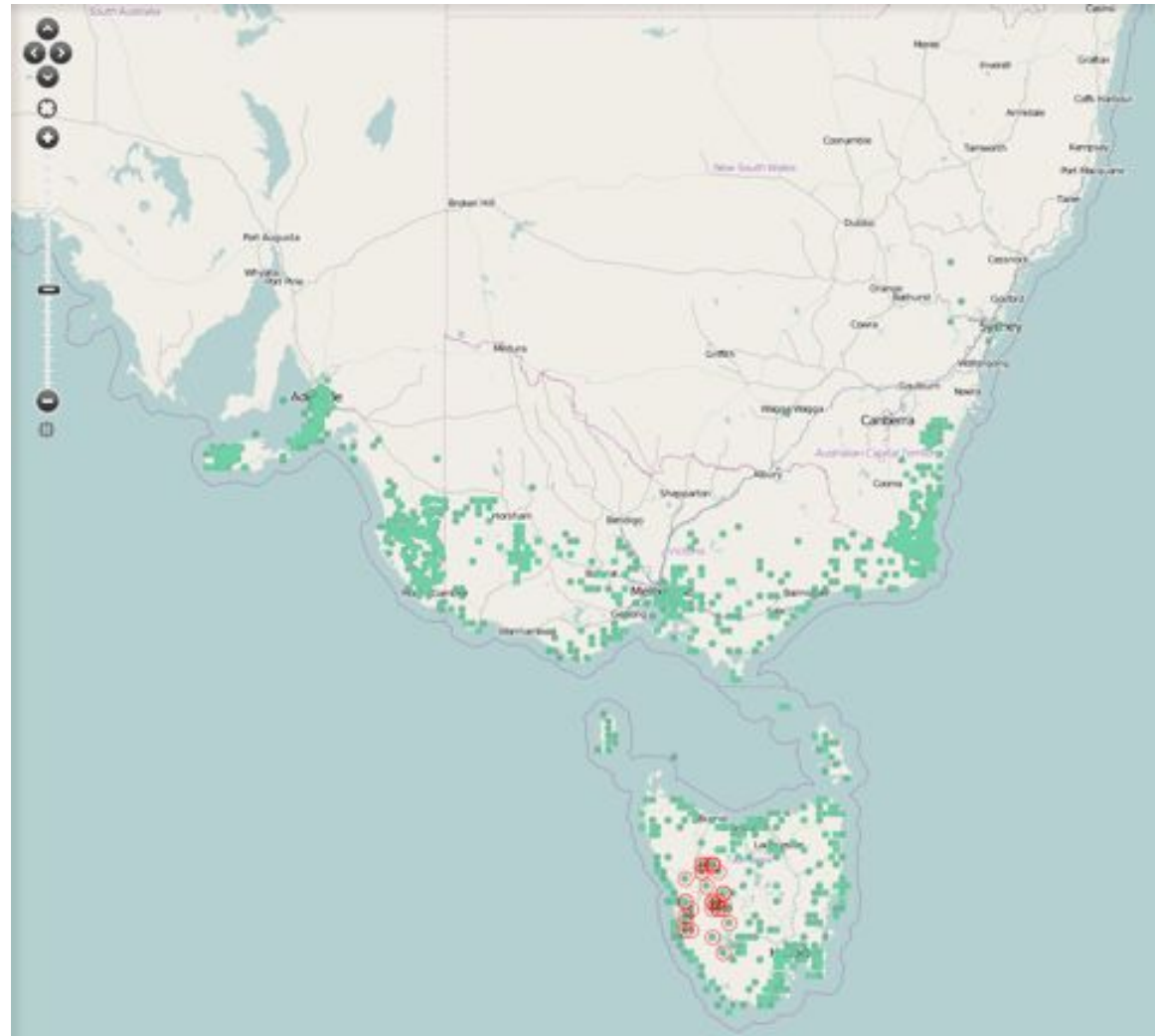
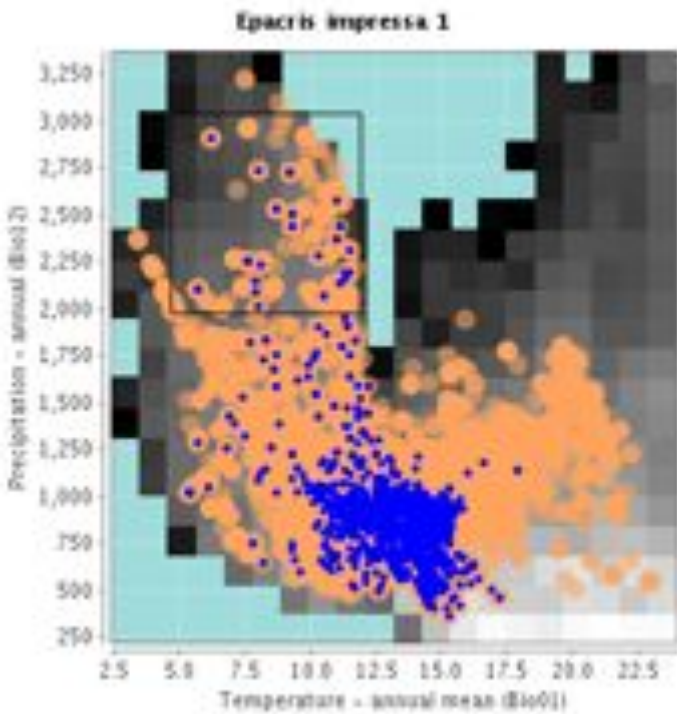
The screenshot displays the Atlas of Living Australia web interface. At the top, there is a navigation bar with links for Home, Regions, Tools, Share, Support, Contact Us, About the Atlas, My Profile, and Log in. A search bar labeled "Search the Atlas" is also present. The main content area shows a map of the Southern Rivers region in Australia, with a green shaded area representing the region. A pop-up window titled "Southern Rivers" provides the following statistics:

Category	Value
Area (sq km)	31,709.19
Species	13,216
Occurrences	795,490
Expert distributions	15
Boat documents	16

Below the map, there is a sidebar with various controls and a legend. The sidebar includes options for "Add to Map", "Tools", and "Help". It also shows the layer name "Occurrences in Southern Rivers 1" and options for "Display as" (Density grid or Points), "Opacity" (set to 80%), "Size" (set to 1), and "Color" (User defined). There are also sliders for "Red", "Green", and "Blue" values, and a checkbox for "Display spatial uncertainty as a 1010". The legend at the bottom left provides links to view area, species, and occurrence data for the Southern Rivers region.

feedback

Environmental mapping



Niche modelling

Maxent model for *Epacris impressa*

This [Maxent](#) v3.3.3a predictive model for *Epacris impressa* was created Fri Jul 29 13:27:52 EST 2011. Links at the bottom of this page to the raw data may be used for further analysis.

Model reference number: 1311909973484

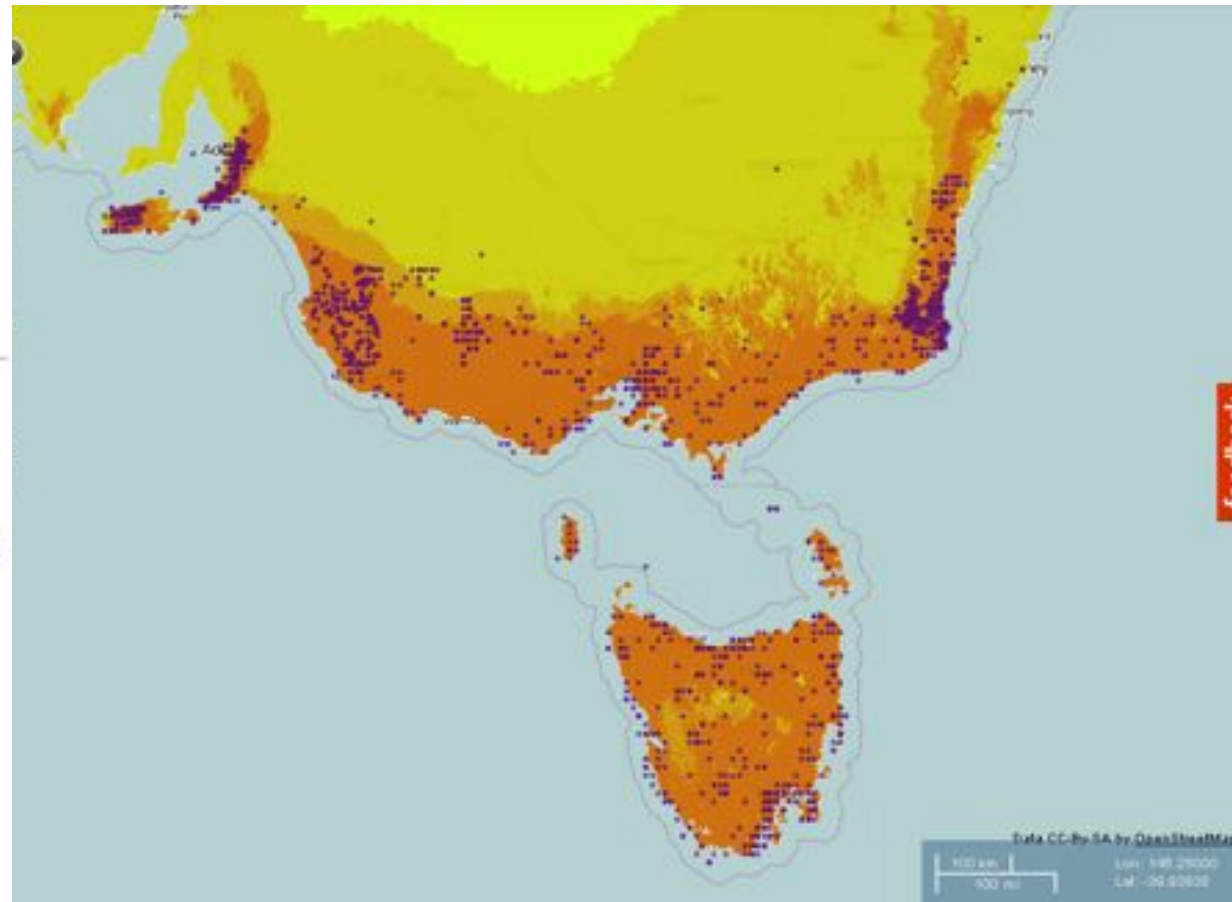
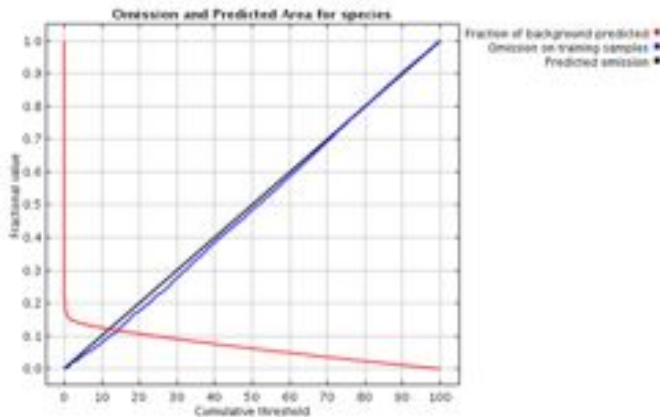
Species: *Epacris impressa* (species)

Layers:

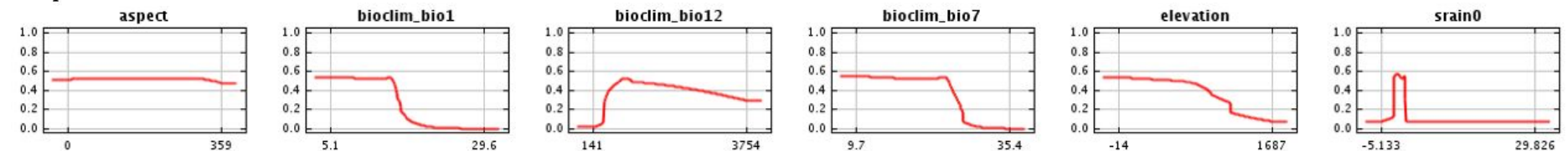
- Precipitation - annual (Bio12) (bioclim_bio12)
- Precipitation - annual seasonality (rain0)
- Temperature - annual mean (Bio1) (bioclim_bio1)
- Temperature - annual range (Bio7) (bioclim_bio7)
- Aspect (aspect)
- Elevation (elevation)

Analysis of omission/commission

The following picture shows the omission rate and predicted area as a function of the cumulative threshold. The omission rate is calculated both on the training presence records, and (if test data are used) on the test records. The omission rate should be close to the predicted omission, because of the definition of the cumulative threshold.

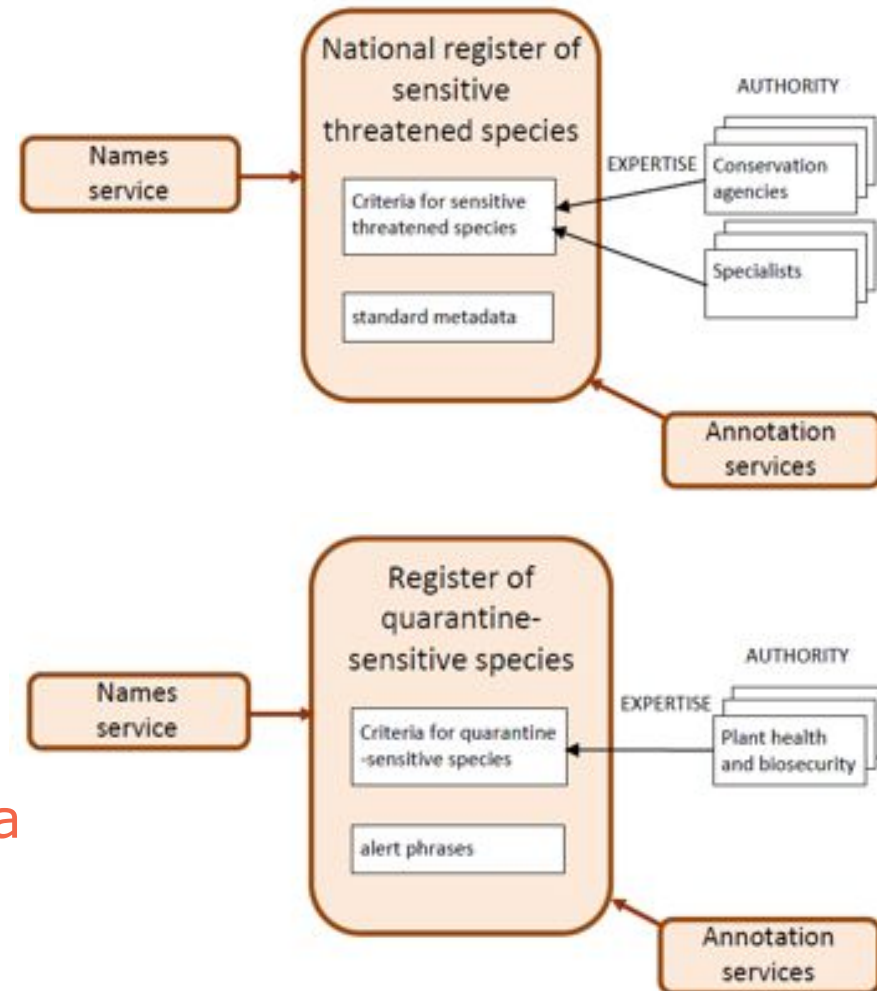


Response curves



Sensitive Data Service

- Sensitive geospatial data
 - Threatened species
 - Quarantine-sensitive species
- Registers of sensitive species
 - Conservation agencies
 - Biosecurity agencies
 - National and state-by-state
- Configurable rules
 - Suppress from public views
 - Reduce coordinate precision
 - Require additional metadata
- Timeline
 - Standalone tool to check data (April 2011)
 - Integrated into data integration (June 2011)



Assessing fitness-of-use

Code Name Created

Code	Name	Created
1	NEGATED_LATITUDE	GEIF
2	NEGATED_LONGITUDE	GEIF
3	INVERTED_COORDINATES	GEIF
4	ZERO_COORDINATES	GEIF
5	COORDINATES_OUT_OF_RANGE	GEIF
6	UNKNOWN_COUNTRY_NAME	GEIF
7	ALTITUDE_OUT_OF_RANGE	GEIF
8	BADLY_FORMED_ALTITUDE	GEIF
9	MIN_MAX_ALTITUDE_REVERSED	GEIF
10	DEPTH_IN_FEET	GEIF
11	DEPTH_OUT_OF_RANGE	GEIF
12	MIN_MAX_DEPTH_REVERSED	GEIF
13	ALTITUDE_IN_FEET	GEIF
14	ALTITUDE_NON_NUMERIC	GEIF
15	DEPTH_NON_NUMERIC	GEIF
16	COUNTRY_COORDINATE_MISMATCH	DM
17	STATEPROVINCE_COORDINATE_MISMATCH	DM
18	COORDINATE_HABITAT_MISMATCH	DM


ATLAS OF LIVING AUSTRALIA
sharing biodiversity knowledge

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

Search the Atlas

Occurrence Record: AVIF:10359

Elanus caeruleus | Black-shouldered Kite




Data validation issues

- No date information supplied
- Record not attached to concept in national species lists
- Uncertainty was not supplied, using default value 1000

Flag an Issue

Original vs Processed

Location of record



Dataset

Data Provider	OZCAM (Online Zoological Collections of Australian Museums) Provider
Data Set	Western Australian Museum provider for OZCAM
Institution	Western Australian Museum Supplied as "WAM"
Collection	Western Australian Museum Bird Collection Supplied as "AVIF"
Catalogue Number	10359
Occurrence ID	URN:LSID:www.ozcam.org.wam:avif:10359
Basis of Record	PreservedSpecimen Supplied as "PreservedSpecimen"

Taxonomy

Scientific Name	<i>Elanus caeruleus</i>
Taxon Rank	Species
Common Name	Black-shouldered Kite
Kingdom	Animalia
Phylum	Chordata
Class	Aves
Order	Falconiformes
Family	Accipitridae
Genus	<i>Elanus</i>
Species	<i>Elanus caeruleus</i>

Geospatial


Country	Australia
---------	-----------

Data validation issues

- No date information supplied
- Record not attached to concept in national species lists
- Uncertainty was not supplied, using default value 1000

Other species information

Species page: Brolga



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

Search the Atlas

Home : Explore : *Grus rubicunda* (Perry, 1810) : Brolga

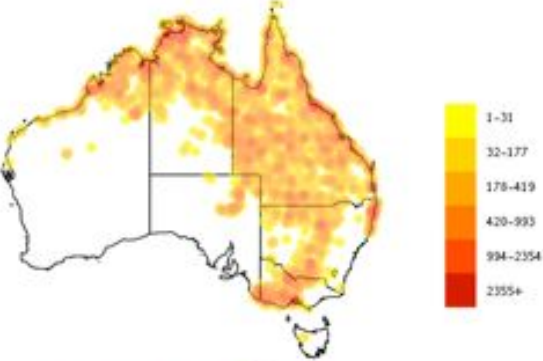
Grus rubicunda (Perry, 1810)
Brolga

Rank Species
Name source [Australian Faunal Directory](#)
Data links [LSID](#) | [JSON](#)

Animals Chordata Aves Gruiformes Gruidae Grus *Grus rubicunda*

Overview **Gallery** Names Classification Records Literature

Mapped occurrence records
[View occurrence records list](#) | [View interactive map](#)




[Learn more about Atlas maps](#)

Description


The Brolga is quite unmistakable in southern Australia. (Australia's only other crane, the Sarus Crane, is found only in far northern Australia.) It is a huge bird - one of Australia's largest flying birds - standing 1.3 metres tall with a wingspan of nearly 2.5 metres. It is pale bright grey with a broad band of bare red skin from the beak round the nape of the neck and a black dewlap under the chin. ...
source: [Department of Environment and Conservation - NSW threatened species](#)

The full-grown Brolga is a tall, mid-grey to silver-grey crane, 0.7–1.3 m (3.3–4.3 ft) high, with a wingspan of 1.7–2.4 m (5.6–7.9 ft), and a broad red band extending from the straight, bone-coloured bill around the back of the head. Juveniles lack the red band. Adult males average at a little under 7 kg (15 lb), females a little under 6 kg (13 lb). ...
source: [Wikipedia](#)

RECORDED IN AUSTRALIA TERRESTRIAL HABITATS IUCN SA VIC NSW VULNERABLE VULNERABLE VULNERABLE



Share
Sightings, photos and data for the Brolga



Images

Image 2000389
Search Guest (click to login)

About Browse Tools Help


Image Record: [2000389] *Cinclosoma cinnamomeum tirariensis*


Contributor: Australian National Wildlife Collection
Submitter: Peter Benham
Group: CSIRO - ANWC
Date Submitted: 2011-02-17
Last Modified: 2011-02-17
Publish Date: 2010-12-09

Magnification: NULL
Dimension (px): x
Resolution (PPI):
Submitted as: jpg
Original File Name: 040136.jpg
Photographer:

View Id: 2000386
Specimen part: Whole body
Angle: Unspecified
Technique: Unspecified
Preparation: Unspecified

Download: original (jpg) (7.51 MB)
full size (png) (7.51 MB)medium sized (jpg) (211.45 KB)

Copyright: CSIRO
License: 

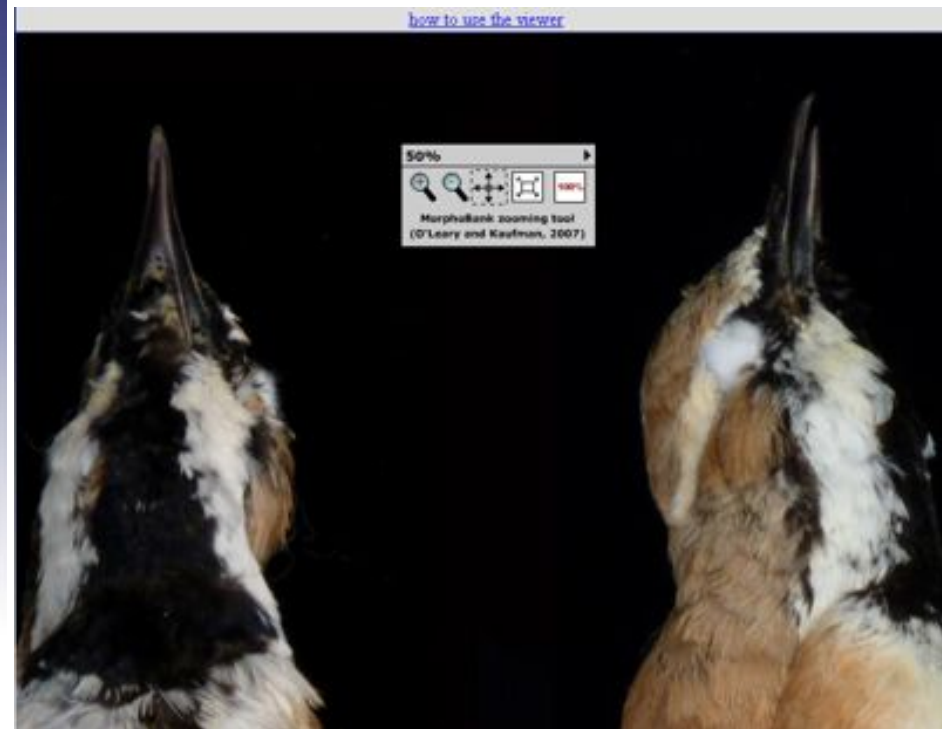


Specimen
Specimen id: 2000387
Basis of record: (5) - Specimen
Sex: M
Form:
Stage:
Catalog number: 40136
Collector: L. Christidis
Date collected: 1985-09-08

Locality [Edit this locality](#)
Locality id: 2000388
Continent ocean:
Country: Australia
Locality: Innamincka Traps
Latitude:
Longitude:
Elevation (m):

Determination
Kingdom: [Animalia](#)
Phylum: [Chordata](#)
Class: [Aves](#)
Order: [Passeriformes](#)
Family: [Corvidae](#)
Genus: [Cinclosoma](#)
Species: [Cinclosoma cinnamomeum](#)
Subspecies: [Cinclosoma cinnamomeum tirariensis](#)

External links/identifiers
External Unique Reference:
External identification: ANWC-2-00083
Specimen 2000387 External identification: ANWC-5-00083
Web Page:



Volunteer activity


ATLAS OF LIVING AUSTRALIA Home Explore Tools Share Support Contact Us About the Atlas My Profile Log out

Transcribe Specimen labels

Volunteers home - Projects - Australian Museum Cicada Expedition - Transcribe Task - K257445

Transcribe Task: Australian Museum Cicada Expedition (ID: 24582)

Video tutorials: [Introduction](#) | [Using the Mapping Tool](#)



Specimen Metadata

Institution: AM
Project: Australian Museum Cicada Expedition
Catalogue No.: K257445
Taxa: *Cyclochila australasiae*

1. **Transcribe All Text** - Record exactly what appears in the labels so we have a searchable reference for them

2. **Collection Event** - This records information directly from the label about when, where and by whom the specimen was collected. Only fill in fields for which information appears in the labels

Collector

Event Date (YYYY-MM-DD)

Verbatim Locality

Verbatim Latitude

Verbatim Longitude

3. **Interpreted Location** [Use mapping tool](#) - Use the mapping tool before attempting to enter values manually

Locality

State/Territory

Country

Identification tools




		H	I	L	M	N	O	P	Q
1	taxon	feature	state	value	inferred	certainty	frequency	created	createdby
2	Acacia affin. trachycarpa	Phyllode midrib position	central	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
3	Acacia affin. trachycarpa	Phyllode midrib position	markedly excentric	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
4	Acacia affin. trachycarpa	Phyllode apex (pungency)	sharply pungent	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
5	Acacia affin. trachycarpa	Phyllode apex (pungency)	coarsely pungent	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
6	Acacia affin. trachycarpa	Phyllode apex (pungency)	not pungent	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
7	Acacia affin. trachycarpa	Phyllode base (decurrence)	continuous with branchlets	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
8	Acacia affin. trachycarpa	Phyllode base (decurrence)	not continuous with branchlets	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
9	Acacia affin. trachycarpa	Pulvinus (presence)	present	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
10	Acacia affin. trachycarpa	Pulvinus (presence)	absent or very reduced	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
11	Acacia affin. trachycarpa	Gland at apex of phyllodes	present	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
12	Acacia affin. trachycarpa	Branchlet hairs (presence)	present	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
13	Acacia affin. trachycarpa	Gland at apex of phyllodes	absent	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
14	Acacia affin. trachycarpa	Gland connected to midrib by nerve (phyllodes)	yes	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
15	Acacia affin. trachycarpa	Gland connected to midrib by nerve (phyllodes)	no	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
16	Acacia affin. trachycarpa	Petiole glands (presence)	present	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
17	Acacia affin. trachycarpa	Petiole glands (presence)	absent	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
18	Acacia affin. trachycarpa	Jugary glands (presence)	present	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
19	Acacia affin. trachycarpa	Jugary glands (presence)	absent	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
20	Acacia affin. trachycarpa	Jugary glands (position)	present between all pairs of pinnae	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
21	Acacia affin. trachycarpa	Jugary glands (position)	present between the lower pair(s) of pinnae	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
22	Acacia affin. trachycarpa	Jugary glands (position)	present between the upper part(s) of pinnae	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
23	Acacia affin. trachycarpa	Branchlet hairs (orientation)	appressed	PRESENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:15	importer
24	Acacia affin. trachycarpa	Jugary glands (position)	present between only a few pair of pinnae	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer
25	Acacia affin. trachycarpa	Interjugary glands (presence)	present	ABSENT	FALSE	CERTAIN	FREQUENT	27/07/2011 0:18	importer

A dichotomous key to the species of *Chamaecrista* in Australia, from the Flora of Australia [Details ...](#)

Key to the species of *Labiichea* in Australia

A dichotomous key to the species of *Labiichea* in Australia, from the Flora of Australia [Details ...](#)

Citizen science




Home Explore Tools Share Support Contact Us About the Atlas

Search the Atlas

My Profile Log out

Logged in as donald.hobbs@ala.org.au

Share a Sighting

Elanus axillaris : Black-shouldered Kite 

Date: 21 Sep 2011

Time: 15:55

Individual Count: 1

Location: LOT 7 Hume Hwy, Glerfield NSW 2167, Australia

Latitude: -33.973051

Longitude: 150.674739

Coordinate Uncertainty in Meters: 500

Additional Comments: Hovering and heading south

Media File: No file chosen

Bookmarked locations

-- select bookmarked location --

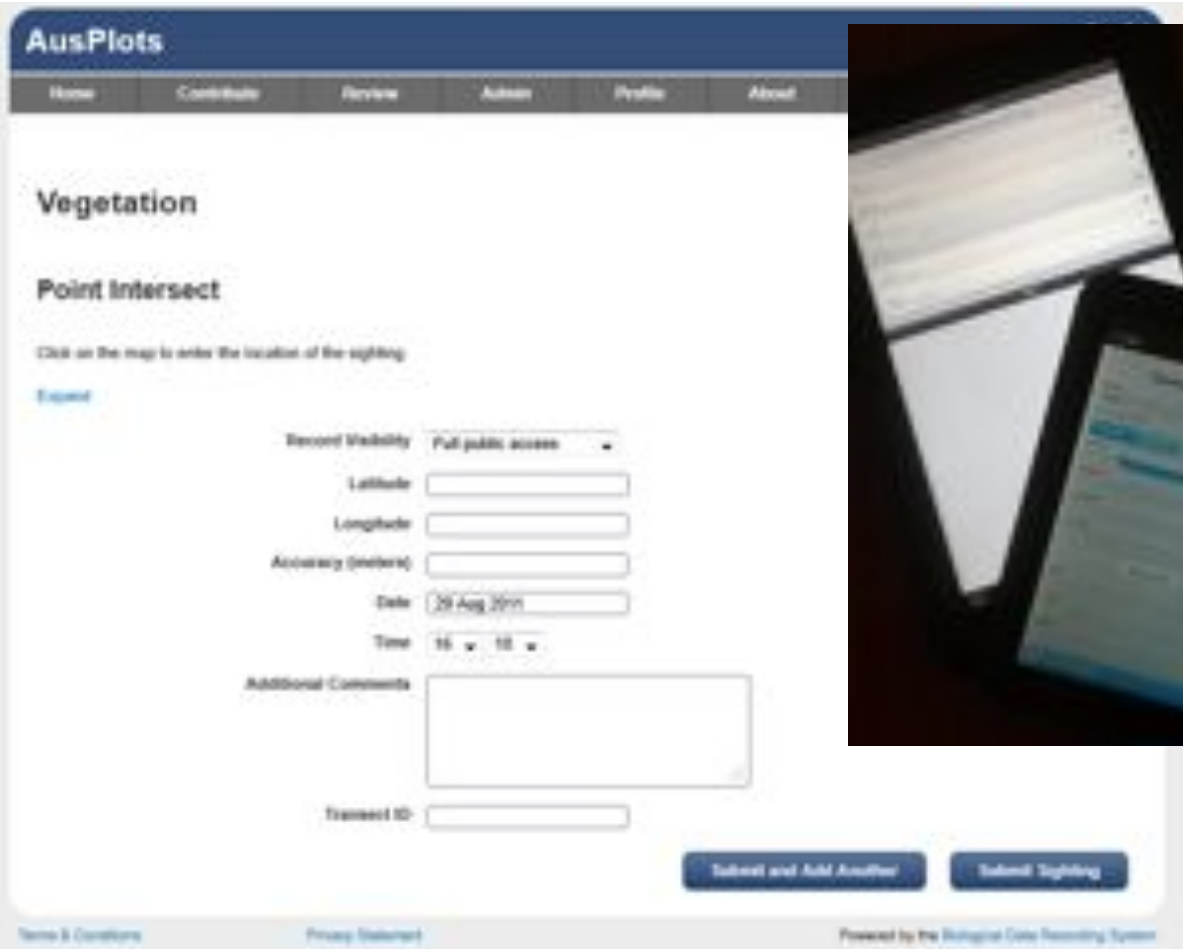
Hume Highway, near South Western Motorway

Bookmark location Set as default



Hints: click and drag the marker to fine-tune the location coordinates.

Mobile data capture



AusPlots

Home Contribute Review Action Profile About

Vegetation

Point Intersect

Click on the map to enter the location of the sighting

[Expand](#)

Record visibility: **Full public access**

Latitude:

Longitude:

Accuracy (meters):

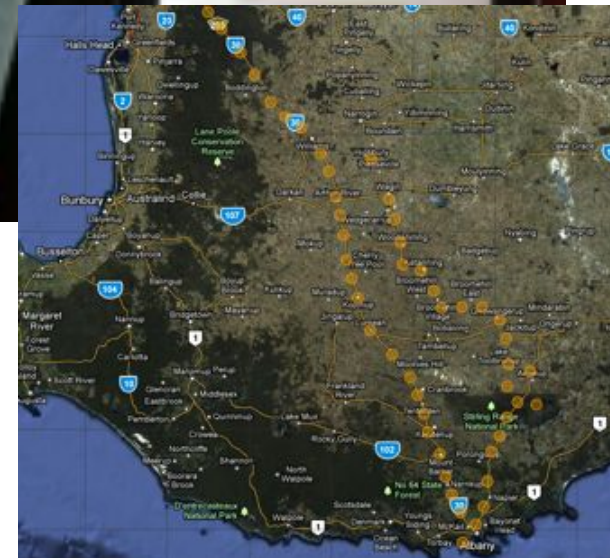
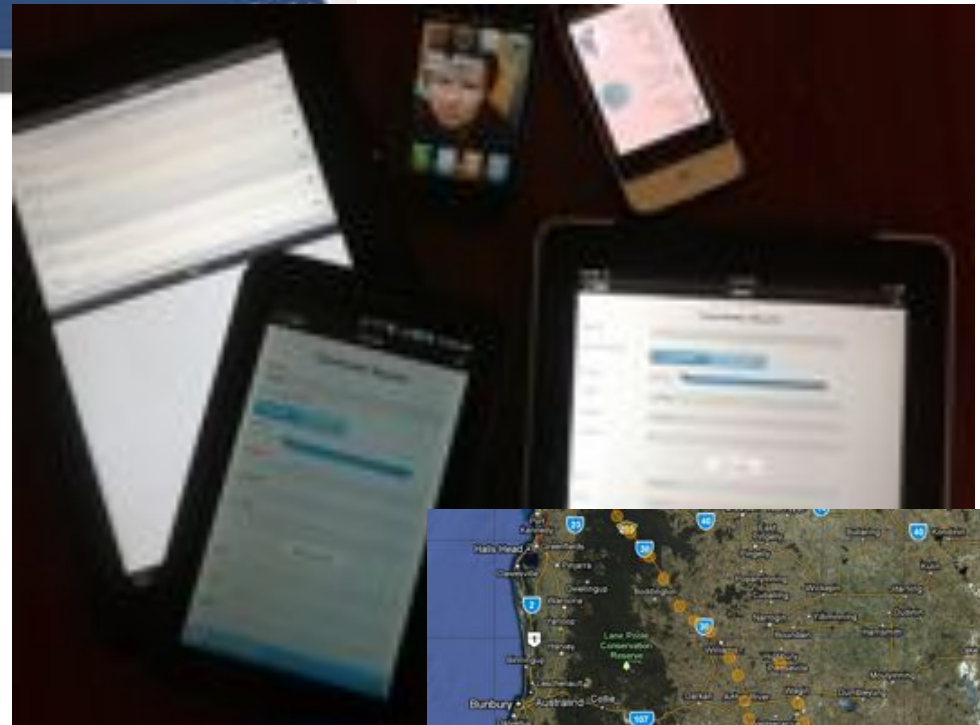
Date:

Time:

Additional Comments:

Transect ID:

[Terms & Conditions](#) [Privacy Statement](#) Powered by the Biological Data Recording System

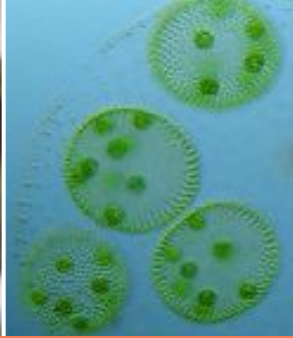


Partnership with GER Initiative

Five pilot projects are currently in progress:

- Border Ranges – MER on on-ground activities
- Hunter Valley – research and education project for schools on bird monitoring
- Southern Highlands – potential add-on to current CFOC project with HNCMA
- K2C – building reptile survey site with ACT Herpetology Society
- S2S – expanding scope of existing Squirrel Glider monitoring project in peri-urban Albury Build upon its existing mapping analysis capabilities





The Atlas of Living Australia Team – or some of it...

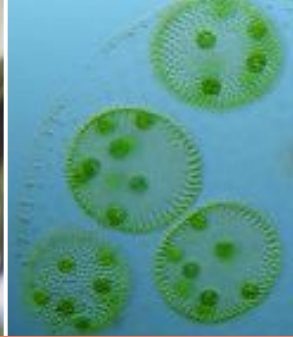
www.ala.org.au



ATLAS OF **LIVING**
AUSTRALIA
sharing biodiversity knowledge



An Australian Government Initiative
National Collaborative Research
Infrastructure Strategy



The Atlas of Living Australia Participants

www.ala.org.au



Tasmanian Museum & Art Gallery



The Council of Heads of Australian Faunal Collections (CHAFC)
The Council of Heads of Australian Entomological Collections (CHAEC)

The Council of Heads of Australasian Collections of Microorganisms (CHACM)
The Council of Australasian Museum Directors (CAMD)



An Australian Government Initiative
National Collaborative Research Infrastructure Strategy



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