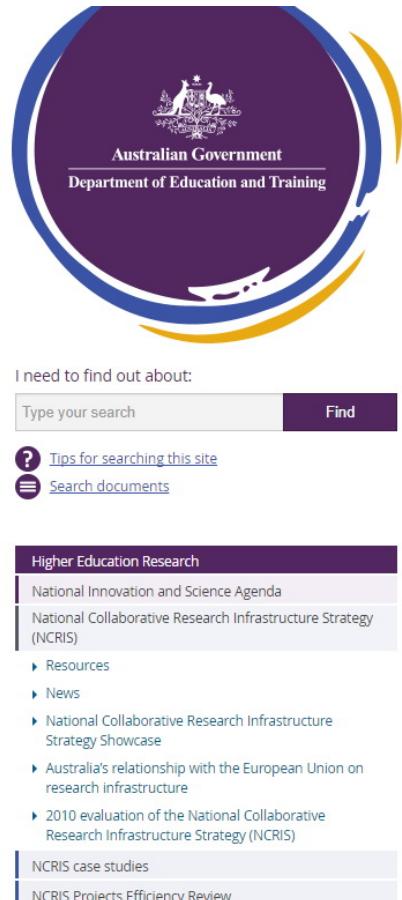




Started 2006
>\$50m so far
1500 users/day
72M records
13B records downloaded
>500 environmental layers



The screenshot shows the homepage of the Australian Government Department of Education and Training. At the top is the Australian Coat of Arms. Below it, the text "Australian Government" and "Department of Education and Training". A large circular graphic features the coat of arms in the center, surrounded by blue and yellow swooshes. Below the graphic is a search bar with the placeholder "I need to find out about:" and a "Find" button. To the left of the search bar is a "Type your search" input field. Below the search bar are two links: "Tips for searching this site" and "Search documents". On the right side of the search bar are three navigation links: "Higher Education Research", "National Innovation and Science Agenda", and "National Collaborative Research Infrastructure Strategy (NCRIS)". Under "Higher Education Research", there are links to "Resources", "News", "National Collaborative Research Infrastructure Strategy Showcase", "Australia's relationship with the European Union on research infrastructure", "2010 evaluation of the National Collaborative Research Infrastructure Strategy (NCRIS)", "NCRIS case studies", and "NCRIS Projects Efficiency Review".

National Innovation and Science Agenda

Home

National Collaborative Research Infrastructure Strategy (NCRIS)

For: [Business and Industry](#) [Education authorities](#) [Government agencies](#) [Graduates](#) [Media](#) [Students](#)

The National Collaborative Research Infrastructure Strategy drives research excellence and collaboration between 35,000 researchers, government and industry to deliver practical outcomes.

Ongoing funding will enable continued operation of critical super-computer capacity and world-class research infrastructure in areas such as nanofabrication, food production, health, environment and sustainable cities.

Since 2004, the Australian Government has invested over \$2.8 billion to deliver world-class research infrastructure. This has attracted more than \$1 billion in co-investment from state and territory governments, universities, research facilities and industry. For a list of infrastructure projects funded by NCRIS, go to [funded research infrastructure projects](#).

The NCRIS network currently supports national research capability through 27 active projects and is comprised of 222 institutions employing well over 1700 highly skilled technical experts, researchers and facility managers. NCRIS facilities are used by over 35,000 researchers,

NCRIS
National Research Infrastructure for Australia



Latest News

[NCRIS infrastructure and collaboration key to improving survival rates from melanoma](#)

[Australian-US research partnership to advance cancer research](#)

[Status Report on the NCRIS eResearch capability](#)

[+ Show more news](#)



Core ALA Components

- Collections
- Dashboard
- Datasets
- Downloads
- Educational knowledge base
- Explore your area
- GitHub repository
- Indigenous Ecological Knowledge
- My profile and alerts
- Occurrence records
- Phylalink
- Regions
- Sandbox (data upload)
- Sensitive Data Service
- Spatial Portal
- Species lists
- Species Information
- Web service API

Occurrence Records

71,449,694

Species

120,002

Data downloads

1,575,180

Registered users

39,131



Australian iconic species

Browse some of our most popular species, or search over 100,000 species within the ALA.



Explore by location

Browse species by pre-defined [region](#) or by [location](#).



Mapping & analysis

Explore species occurrence records using the [Spatial Portal](#) or [search records](#) for species occurrences.



Contribute to the ALA

Get involved in [citizen science](#), [digitise survey records](#), or [contribute your sighting](#) to the ALA.



Browse ALA news

Browse news and events from around the ALA community, and keep up to date with how we are engaging with our users.



ALA knowledge base

Learn about the ALA and discover the many different ways in which we can help you achieve your goals.



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 Australia partners are shown. Over time this list will expand to include all natural history collections in Australia.

Click a button to only show those organisms.

All collections

Show all 203 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.



203 collections in total.

176 collections are currently visible on the map.

8 collections cannot be mapped.

Map**List**

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.



Australian Museum Herpetology Collection

Australian Museum[Overview](#)[Records](#)[Images](#)

Description

Two thirds of collection are reptiles, two thirds of which are lizards. Contains collections of most recently extinct eastern Australian frogs.

Taxonomic range

Geographic range

Australia and Australasia/Pacific.

Number of specimens in the collection

The estimated number of specimens in the Australian Museum Herpetology Collection is 162,000.

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

Usage statistics

This month**5,011,821 records downloaded from 308 downloads.**

Biosecurity management/planning

1 events

12 records

Citizen science

16 events

7,384 records

Collection management

3 events

944 records



Baby Crocodile from the Australian Museum's Surviving Australia exhibition

Carl Bento

© Australian Museum

Data access**178,675 records**[View records](#)[Download usage stats](#)[Alert me about new records](#)[Alert me about annotations](#)**Location**

6 College Street
Sydney
New South Wales 2010
Australia

All downloads **44,389,165 records downloaded from 15,337 downloads.**

Biosecurity management/planning	80 events	1,066,328 records
Citizen science	763 events	499,430 records
Collection management	40 events	787,339 records
Conservation management/planning	725 events	2,170,959 records
Ecological research	3,639 events	10,739,245 records
Education	1,243 events	3,811,086 records
Environmental assessment	1,291 events	1,109,913 records
Other	535 events	1,418,925 records
Other scientific research	143 events	4,351,192 records
Restoration/remediation	16 events	3,898 records
Scientific research	4,875 events	11,370,372 records
Systematic research/taxonomy	318 events	898,396 records
Testing	1,378 events	62,543,995 records
*The testing statistics are not included in the total count of downloads.		
Unclassified	1,669 events	6,162,082 records

Metadata last updated on 2010-10-18 08:23:33.0

Australian Museum Herpetology Collection

Australian Museum



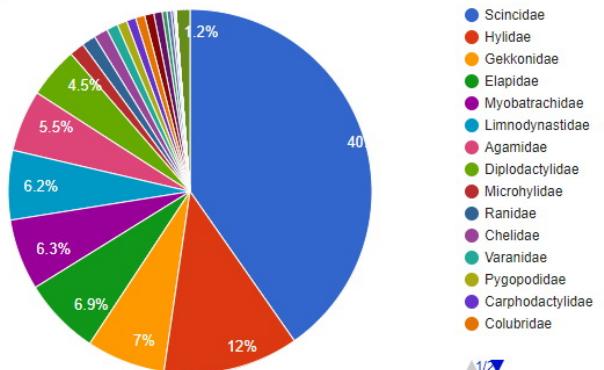
Overview Records Images

Digitised records available through the Atlas

The Australian Museum Herpetology Collection has an estimated 162,000 specimens.

178,675 records can be accessed through the Atlas of Living Australia. [Click to view all records for the Australian Museum Herpetology Collection](#)

By Family



▲ 1 / ▼

Click a slice to drill into the next taxonomic level.
[View all records](#)

By country

Approximately, records for over 100% of specimens are available for viewing in the ALA.

Australian Museum Herpetology Collection

Australian Museum



Overview Records Images

Images from this collection

667 images have been made available from the Australian Museum Herpetology Collection.
Of these images there: 232 holotype, 1 holotype|paratype, 10 lectotype, 3 neotype, 19 paratype, 26 syntype, 376

Anilios australis

holotype - *Varanus scalaris*

Suta

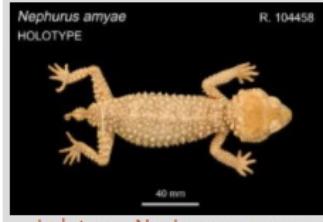
holotype - *Uvidicolus sphyurus*

syntype - *Geocrinia victoriana*

syntype - *Paracrinia haswelli*



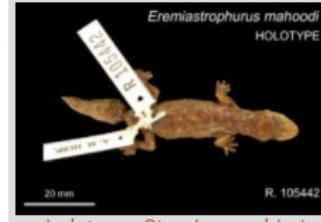
Crinia signifera englesi
SYNTYPE
R. 10357 10 mm
syntype - *Crinia signifera*



Nephrurus amyae
HOLOTYPE
R. 104458 40 mm
holotype - *Nephrurus amyae*



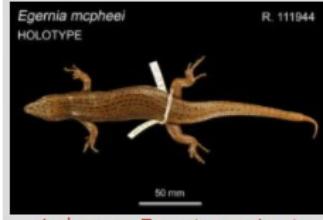
Ctenotus storri



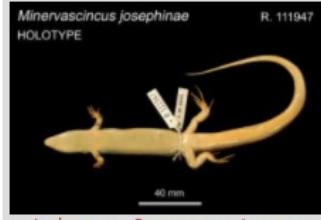
Eremiascincus mahoodi
HOLOTYPE
R. 105442 20 mm
holotype - *Strophurus elderi*



Pogona loriae
HOLOTYPE
R. 105588 30 mm
holotype - *Pogona minor minor*



Egernia mcpheei
HOLOTYPE
R. 111944 50 mm
holotype - *Egernia mcpheei*



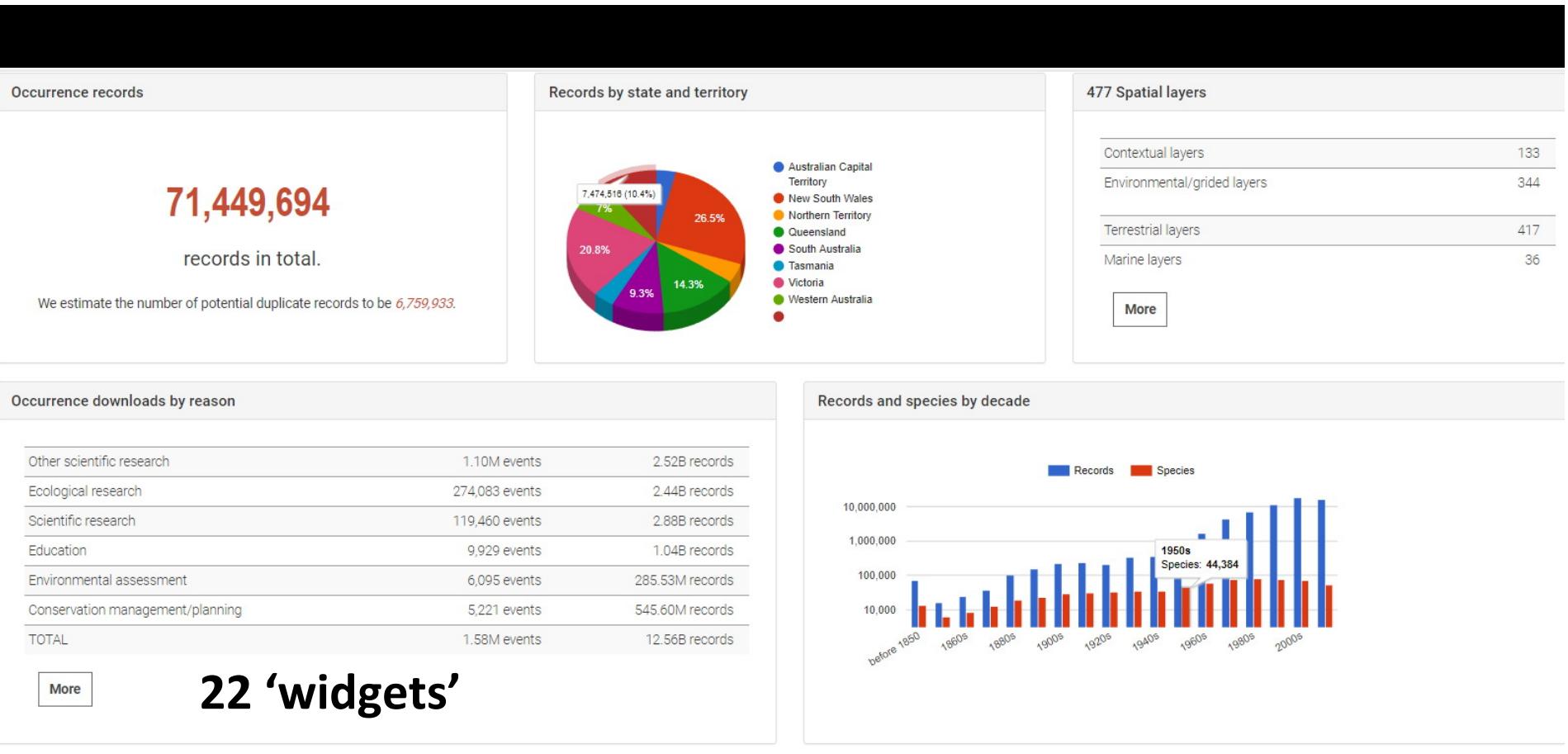
Minervascincus josephinae
HOLOTYPE
R. 111947 40 mm
holotype - *Ctenotus robustus*



Rankinia boylei
HOLOTYPE
R. 111951 25 mm
holotype - *Rankinia diemensis*

Dashboard





22 ‘widgets’



Downloads



[Start exploring ▾](#) [Search & analyse ▾](#) [Participate ▾](#) [Learn about the ALA ▾](#)

Downloads

This page provides access to desktop software and large data exports. For developers interested in installing server components, please using the scripts in this [project](#).

Software packages for desktop computers

Name	Description	Files
BioLink	Version 3 rewrite of the BioLink Bioinformatics application.	16
Open DELTA	A Java implementation of the DELTA suite of programs.	6

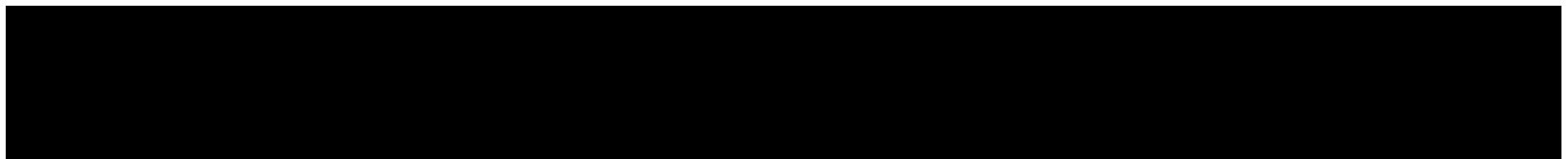
File downloads

Name	Description	Last Updated	
Reptile records File size: 547.2 MB	All the records for reptiles in the Atlas.	More details 3 weeks ago	 Download
Fish - brief version File size: 79.1 MB	Includes the fields:	More details 3 weeks ago	 Download
Crustaceans - brief version File size: 24 MB	Crustaceans - brief version	More details 3 weeks ago	 Download
Bryophytes - brief version File size: 3.5 MB	Bryophytes - brief version	More details 3 weeks ago	 Download
Bird records - brief version File size: 1.2 GB	Includes the fields:	More details 3 weeks ago	 Download
Crustaceans File size: 180.3 MB	Crustaceans	More details 3 weeks ago	 Download

1	Record ID	Data Resource ID	scientificName	basisOfRecord	family	decimalLatitude	decimalLongitude	coordinate		eventDate
								UncertaintyInMeters	I	
2	e7634659-9d73-4cb6-8549-fd173b0a775a	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-36.0152	147.8166	150	12/01/2002	
3	e43226f0-2af0-4262-bb47-f19fb4cee867	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2913	149.4605	15	13/06/1998	
4	ffbbbf17-641d-4d51-8d42-922465dc0f0f	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2888	149.4513	15	15/06/1998	
5	f2db4d3d-f0b9-4386-80a0-b6595715c7f9	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2897	149.4477	15	16/06/1998	
6	02bbdcf4-97b2-4669-ac49-3f6a876f32fb	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2811	149.4497	15	17/06/1998	
7	bbff37ca-7d3b-4429-a102-8410991c8c9b	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.276	149.453	15	15/06/2000	
8	0ecd2102-ba6f-40d2-98e4-050c0f3e1fb5	dr1097	Fosombronia	HumanObservation	Fosombroniaceae	-37.276	149.453	15	15/06/2000	
9	f9ed7393-15c8-4bdf-ba31-76bcf0a5de4d	dr1097	Metzgeria furcata	HumanObservation	Metzgeriaceae	-37.2841	149.4633	15	16/06/2000	
10	c8cefc00-18d4-4c43-b51c-5706989df28d	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2783	149.4552	15	19/06/2000	
11	26b4d886-dd96-44af-b1b5-10cd0818cfda	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2797	149.4444	15	20/06/2000	
12	1a9ff4cc-dd54-42e2-8b81-af6ac0748e4c	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2833	149.4544	15	21/06/2000	
13	9e0a7276-aba9-4600-9a1c-8c43a4800c8d	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2738	149.4652	15	21/06/2000	
14	4318f8a6-75ed-49d6-a9bc-22c0217aeb9f	dr1097	Fosombronia	HumanObservation	Fosombroniaceae	-37.2738	149.4652	15	21/06/2000	
15	b5df64d2-a310-4554-aed4-d0496894e5d9	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2863	149.4508	15	10/06/2003	
16	5b8d6f09-a5b0-49cc-9fd6-13711b0f41d3	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2855	149.4477	15	11/06/2003	
17	68c7b4ac-9ec0-4b63-ab1f-fe43b3fa60c5	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.28	149.45	15	12/06/2003	
18	988e0643-0082-42a2-b38f-2de30fc6cc2a	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2658	149.4586	15	13/06/2003	
19	6b1c9c68-e8e4-4918-9874-2d13a31f5db8	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2827	149.4458	15	14/06/2003	
20	0eb6f1b1-7ef8-48be-8d76-c5a80bf3f908	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.265	149.451	150	16/06/2003	
21	71f5e8ae-7211-4da7-a010-2150a777804e	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2725	149.4552	15	17/06/2003	
22	704693bf-b6c9-422a-851a-4dd9fa1f0390	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.265	149.451	150	17/06/2003	
23	1964a0ba-9be1-4b59-b9dc-eb0b683cdd99	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.265	149.451	150	18/06/2003	
24	df98d7f5-89ae-44c2-aa58-b6a9412c721f	dr1097	Frullania	HumanObservation	Frullaniaceae	-37.265	149.451	150	18/06/2003	
25	3abce405-878f-4f9a-aa02-7b2063f47682	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.265	149.451	150	18/06/2003	
26	25490a6c-4c23-421c-9c53-085bc85c6e48	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.27	149.45	15	14/01/2004	
27	5e8e10bc-a1ae-42dc-be78-007e1b2def6e	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.265	149.451	150	15/01/2004	
28	6158668c-532c-411b-ac3e-48fa233c93be	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2675	149.4666	15	18/06/2004	
29	30ac7bff-f0c4-47af-91c4-ae808649f495	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2902	149.4516	15	21/06/2004	
30	973d3ecd-5775-4449-ad6f-065933e0fe51	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.2875	149.4458	15	21/06/2004	
31	0c850078-abf2-4624-bcd5-62028eb47dbc	dr1097	Frullania	HumanObservation	Frullaniaceae	-37.2875	149.4458	15	21/06/2004	
32	8e41b9ab-1b92-418f-a303-803d112f1840	dr1097	Chiloscyphus semiteres	HumanObservation	Lophocoleaceae	-37.285	149.463	15	23/06/2004	
33	3f99e08c-2fa2-4a52-9518-04bd1a74feb4	dr1097	Frullania	HumanObservation	Frullaniaceae	-37.285	149.463	15	23/06/2004	
34	5dac70dc-3ffa-4ec4-b063-dc10f5a6e653	dr1097	Ricciocarpos natans	HumanObservation	Ricciaceae	-37.2066	145.6638	15	30/10/1990	
35	1104b237-4877-47d7-a756-2b48ef1ae8a	dr1097	Chiloscyphus novaezeela	HumanObservation	Lophocoleaceae	-36.9966	147.1747	15	12/02/1999	
36	dcd743b2-a4d4-452a-9cd7-2520e22ba40d	dr1097	Ricciocarpos natans	HumanObservation	Ricciaceae	-35.9802	145.9097	15	22/04/1990	
37	de2968de-6c62-4165-8cd1-f3f6d77b9b8a	dr1097	Ricciocarpos natans	HumanObservation	Ricciaceae	-36.5955	145.5916	15	28/05/1990	
38	2ff04983-d128-48e2-8f5c-79144e5874bf	dr1097	Ricciocarpos natans	HumanObservation	Ricciaceae	-38.5427	145.9458	15	21/10/1990	

Explore Area





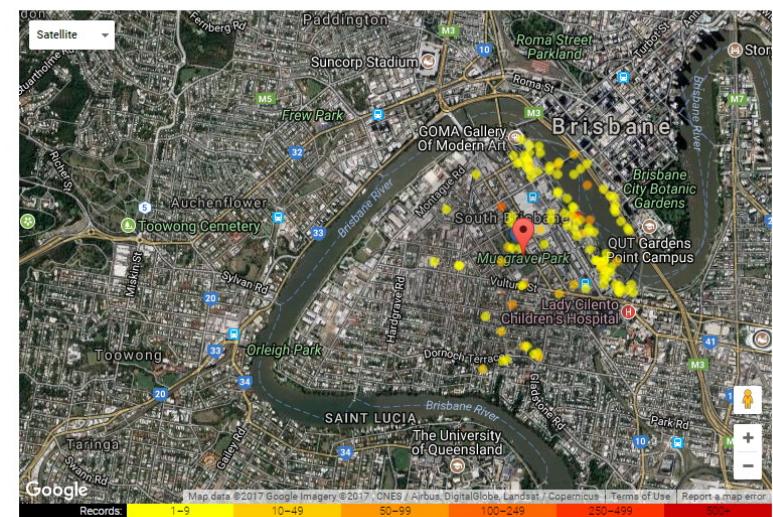
Enter your location or address:

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

Showing records for: 121 Cordelia St, South Brisbane QLD 4101, Australia

Display records in a km radius

Group	Species	Species : Common Name	Records
All Species	225	1. <i>Acanthiza (Acanthiza) pusilla</i> : Brown Thornbill	1
Animals	197	2. <i>Acanthiza (Geobasileus) chrysorrhoa</i> : Yellow-rumped Thornbill	1
Mammals	7	3. <i>Acanthorhynchus tenuirostris</i> : Eastern Spinebill	1
Birds	150	4. <i>Accipiter (Leucospiza) fasciatus</i> : Australian Goshawk	4
Reptiles	16	5. <i>Accipiter (Leucospiza) novaehollandiae</i> : Grey Goshawk	1
Amphibians	2	6. <i>Acridotheres tristis</i> : Common myna	20
Fishes	1	7. <i>Acrocephalus (Acrocephalus) australis</i> : Australian Reed Warbler	1
Molluscs	7	8. <i>Ageratina adenophora</i> : Catspaw	1
Arthropods	14	9. <i>Alectura lathami lathami</i> : Australian Brushturkey	16
Crustaceans	1	10. <i>Alepis flavida</i> : Mistletoe (NZ)	1
Insects	9	11. <i>Alisterus scapularis</i> : Australian King-parrot	1
Plants	25	12. <i>Amyema bifurcata</i>	2
Bryophytes	0	13. <i>Anas (Anas) superciliosa</i> : Australian Wild Duck	21
Gymnosperms	0	14. <i>Anas (Nettion) gracilis</i> : Australasian Grey Teal	2
FernsAndAllies	0	15. <i>Anas (Spatula) rhynchos rhynchos</i> : Australasian Shoveler	1
Angiosperms	22	16. <i>Anas platyrhynchos Linnaeus, 1758 platyrhynchos</i> : Mallard	2
Monocots	10	17. <i>Anigozanthos flavidus</i> : Evergreen kangaroo paw	1
Dicots	12	18. <i>Apus (Apus) pacificus</i> : Fork-tailed Swift	1
Fungi	0	19. <i>Aquila (Uraeaetus) audax</i> : Eaglehawk	1
Chromista	0	20. <i>Ardea (Bubulcus) ibis</i> : Cattle Egret	13
Protozoa	0		
Bacteria	0		
Algae	0		



Tips: you can fine-tune the location of the area by dragging the red marker icon

Enter your location or address:

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

Showing records for: 121 Cordelia St, South Brisbane QLD 4101, Australia

Display records in a km radius

Group	Species	Species : Common Name	Records
All Species	225	1. <i>Bellatorias major</i> : Land Mullet	1
Animals	197	2. <i>Cacophis harriettae</i> : White-crowned Snake	2
Mammals	7	3. <i>Cacophis krefftii</i> : Southern Dwarf Crowned Snake	1
Birds	150	4. <i>Cryptophis nigrescens</i> : Eastern Small-eyed Snake	1
Reptiles	16	5. <i>Ctenotus spaldingi</i> : Spalding's Ctenotus	1
Amphibians	2	6. <i>Diplodactylus vittatus</i> : Eastern Stone Gecko	1
Fishes	1	7. <i>Emydura macquarii macquarii</i> : Macquarie River Turtle	1
Molluscs	7	8. <i>Eulamprus quoyii</i> : Eastern Water-skink	4
Arthropods	14	9. <i>Gehyra dubia</i> : Dubious Dtella	1
Crustaceans	1	10. <i>Hemidactylus frenatus</i> : House Gecko	22
Insects	9	11. <i>Intellagama lesueuri</i> : Eastern Water Dragon	4
Plants	25	12. <i>Lampropholis delicata</i> : Dark-flecked Garden Sunskink	2
Bryophytes	0	13. <i>Liélis burtonis</i> : Burton's Snake-lizard	2
Gymnosperms	0	14. <i>Morelia spilota</i> : Carpet Python	3
FernsAndAliies	0	15. <i>Pogona barbata</i> : Bearded Dragon	1
Angiosperms	22	16. <i>Tiliqua scincoides</i> : Eastern Blue-tongue	2
Monocots	10		
Dicots	12		
Fungi	0		
Chromista	0		
Protozoa	0		
Bacteria	0		
Algae	0		

Google

Satellite

Records: 1-9 10-49 50-99 100-249 250-499 500+

Map data ©2017 Google Imagery ©2017 CNES / Airbus, DigitalGlobe, Landsat / Copernicus | Terms of Use | Report a map error

Tips: you can fine-tune the location of the area by dragging the red marker icon

GitHub Repositories



This repository Search

Pull requests Issues Marketplace Explore

AtlasOfLivingAustralia / spatial-service

Code Issues 31 Pull requests 0 Projects 0 Wiki Settings Insights

Prototype replacement for spatial portal, layers-service, analysis-service

Add topics Edit

43 commits 2 branches 0 releases 2 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

ansell Merge pull request #70 from AtlasOfLivingAustralia/https ... Latest commit e84f1a1 on Aug 22

grails-app Work on using HTTPS where available 2 months ago

src Work on using HTTPS where available 2 months ago

test/unit Work on using HTTPS where available 2 months ago

web-app Work on using HTTPS where available 2 months ago

.travis.yml Initial commit. 2 years ago

README.md Update README.md 2 years ago

application.properties 0.2-SNAPSHOT 5 months ago

README.md

build passing

spatial-service

Prototype replacement for spatial portal, layers-service, analysis-service

The screenshot shows a GitHub repository page for 'spatial-service'. The repository is owned by 'AtlasOfLivingAustralia'. The page includes a navigation bar with links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below the navigation is a header with the repository name, a search bar, and icons for 'Unwatch', 'Star', 'Fork', and user profile. A main title 'Prototype replacement for spatial portal, layers-service, analysis-service' is displayed, along with a 'Edit' button and a 'Add topics' link. A summary bar shows '43 commits', '2 branches', '0 releases', and '2 contributors'. Below this are buttons for 'Create new file', 'Upload files', 'Find file', and a green 'Clone or download' button. The commit history lists several commits from 'ansell', including merges from 'AtlasOfLivingAustralia/https' and changes to 'grails-app', 'src', 'test/unit', 'web-app', '.travis.yml', 'README.md', and 'application.properties'. The 'README.md' file is shown with its content. At the bottom, there's a 'build passing' status indicator and a large 'spatial-service' heading with a subtitle. The footer contains the same prototype text.

This repository Search Pull requests Issues Marketplace Explore

AtlasOfLivingAustralia / spatial-service

Unwatch 20 Star 0 Fork 2

Code Issues 31 Pull requests 0 Projects 0 Wiki Settings Insights

Filters is:issue is:open Labels Milestones New issue

	Author	Labels	Projects	Milestones	Assignee	Sort
31 Open ✓ 38 Closed						
① Add to Map Existing species list fails bug	#72 opened 2 days ago by Tasilee					
① Replace all facet labels with the EXACT Darwin Core Term bug	#71 opened 29 days ago by Tasilee					
① New SP: MaxEnt tweaks needed	#69 opened on Jul 5 by Tasilee					
① Export of derived layers enhancement	#68 opened on Jul 3 by Tasilee					
① NullPointerException in TaskService	#67 opened on May 23 by ansell					
① Establish parameter for colour up/down for environmental layers	#66 opened on May 11 by Tasilee					
① Taxa ordering in autocomplete counter intuitive bug	#65 opened on Apr 28 by Tasilee					
① Scatterplot - Box selection on scatterplot not selecting points bug	#64 opened on Apr 26 by Tasilee					
① Tools Scatterplot - missing explanation of colouring on layer selection table bug	#63 opened on Apr 24 by Tasilee					
① Tools Point to grid - too large an area	#62 opened on Feb 6 by Tasilee					1
① AOO area reported as 0 sqkm bug	#61 opened on Feb 1 by Tasilee					3

Indigenous Ecological Knowledge



First ALA records of elusive Leichhardt's Grasshopper in Arnhem Land

By Bryan Kalms, January 20, 2015

Categories: [Blogs & news](#) [Indigenous](#) [Uncategorised](#)

*** This post has been written and produced by the Yugul Mangi Rangers of south-east Arnhem Land, with Emilie Ens and Mitchell Scott (Macquarie University, Sydney).*



Leichhardt's Grasshopper

Thanks to ALA support, the Yugul Mangi Rangers and ecologists Emilie Ens and Mitchell Scott have entered the first ALA record of the near-threatened Leichhardt's Grasshopper (*Petasida ephippigera*) for Arnhem Land. The culturally significant and brightly-coloured species continues to battle against the odds of changing fire regimes and a dietary dependence, to survive in the rugged sandstone escarpment of some of Australia's most inaccessible country.

Leichardt's on hand

Highly visible on the hand but coloured perfectly to blend in with its preferred environment

Knowledge Base



[Start exploring ▾](#) [Search & analyse ▾](#) [Participate ▾](#) [Learn about the ALA ▾](#)

Here you will find helpful information on the Atlas of Living Australia; how you can use the ALA, how to work with data; how to cite the ALA; our educational resources; and Spatial Portal help.



Who we are

Learn more about the ALA.

Topics include: Our mission and our vision.



How to use the ALA

Learn how to use the ALA.

Topics include: Uploading data sets, Using our API, and Using our data sets.



How to work with Data

Learn how we do things at the ALA.

Topics include: Integrating data and handling sensitive data.



How to cite the ALA

Learn how to cite the ALA.

Topics include: How to cite as a whole; How to cite a page; and how to cite downloaded data.



Education resources

Learn how to use the ALA in the classroom.

Topics include: Class room activities, ALA user guides and How educational providers use the ALA.



Spatial Portal Help

Learn more about the Spatial Portal.

Topics include: where species are located, what species are found, and what environmental conditions are in that area.

Prediction case study

Where could the Greater Glider be?

Author: Dr Jane Elith, The University of Melbourne, School of Botany

Ecologists, field naturalists and all sorts of people might ask such a question. The greater glider, *Petauroides volans* (Kerr, 1792), is Australia's largest glider, an arboreal marsupial that feeds on *Eucalyptus* leaves at night and shelters in tree hollows during the day. We have records of where it has been observed, but where else might it be? Species distribution models ("SDMs", a.k.a. "ecological niche models") are often used to answer such questions. They link records of a species' occurrence with relevant environmental data, and predict areas that could be suitable for the species. These models assume that the records that we have are a random sample of suitable locations for the species, and that the environmental data include variables important to the species. Species modelling tools are used throughout the world to answer questions including:

- Where should I hunt next for this rare orchid?
- Which areas are most suitable for restoration, for this endangered turtle?
- What is this fish species responding to? – is it light, depth, currents, or what?
- Where are suitable climates for this bird, and how might these climates change?
- What parts of my state are most climatically similar to other places where this invasive ant thrives?

The Atlas of Living Australia (ALA) provides the infrastructure necessary for making a species distribution model. This is a Case Study on the Greater Glider using the ALA web site.

Species Distribution Modelling and Maxent

There are many ways to make a species distribution model. The ALA has chosen MaxEnt



Dr Jane Elith,
The University of Melbourne
[About the author](#)

Source: Wikipedia The Greater Glider (*Petauroides volans*).

Page contents:

[Where could the Greater Glider be?](#)

[Species Distribution Modelling and Maxent](#)

[Modelling the Greater Glider](#)

[Interpreting the Results](#)

[What could go wrong? – Pitfalls for the unwary](#)

[Help on the Maxent](#)

[About the author](#)

[Contributors to this page](#)

[Referenced links](#)

[Scientific References](#)

Profiles



Hello Lee !

- Update your profile
- View your timeline of sightings recorded through the Atlas
- Tabulate and graph all functions you've used in the Spatial Portal
- View your tasks on the DigiVol Portal
- View your uploaded species lists
- View records you have annotated
- Manage your alerts
- Reset my password
- Admin tools

External site linkages

Flickr

Linking with Flickr enables images shared through Flickr to be linked to your Atlas account so they can be attributed to you.

[Link to my Flickr account](#)

My sightings

My sightings | Recent sightings | [Record a sighting](#)

Search records

Search

Sort by Date

Sort by Owner

Note! There is a delay in records appearing on Occurrence Explorer. It might take up to two weeks for your record to appear on Occurrence Explorer.

[View records in occurrence explorer](#)

[View records in spatial portal](#)

List

Map

Images

Found 147 record(s)

Download

Showing 1 to 10 of 147

10 ▾

1 2 > >>

Filter results

Refine

Clear all

Species name

- Zosterops lateralis (5)
- Pholidonyris (Meliornis) ...
- Morus serrator (5)
- Adoryphorus coulonii (5)
- Mormopterus loriae (4)
- Haliaeetus leucogaster (4)
- Haematopus fuliginosus...
- Arctocephalus pusillus (4)
- Pelecanus conspicillatus...
- Chroicocephalus novaeh...
- Rhipidura (Setosura) rufi...
- Petroica phoenicea (2)
- Pandion cristatus (2)
- Malurus cyaneus (2)
- Malurus (Musciparus) le...

choose more...

Month

- June (140)
- August (6)
- July (1)

Image



Identification

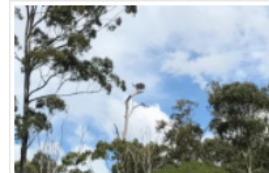
Camphor laurel

Details

Recorded on: 07-08-2017
11:24 AM
Submitted on: 07-08-2017
11:26
Recorded by: Lee Belbin
Coordinate:
-28.55...
,153.5...

Action

View Edit
 Delete



Osprey

Recorded on: 07-08-2017
11:06 AM
Submitted on: 07-08-2017
11:08
Recorded by: Lee Belbin
Coordinate:
-28.54...

View Edit
 Delete

Occurrence Records

(Observations & Specimens)



Occurrence records

[Customise filters ▾](#)

Narrow your results

Selected filters Assertions by user: "Lee"

▼ Taxon

Scientific name

- [Acacia alpina](#) (2)
- [Acacia benthamii](#) (1)
- [Avicennia marina](#) (1)
- [Avicennia marina subsp. australasica](#) (1)
- [choose more...](#)

Subspecies

- [Avicennia marina subsp. australasica](#) (1)
- [Eucalyptus dalrympleana subsp. dalrympleana](#) (1)
- [Eucalyptus delegatensis subsp. tasmaniensis](#) (1)
- [Eucalyptus pauciflora subsp. pauciflora](#) (1)
- [choose more...](#)

Species

- [Acacia alpina](#) (2)
- [Acacia benthamii](#) (1)
- [Avicennia marina](#) (2)
- [Birgus latro](#) (3)
- [choose more...](#)

Family

- [Acanthaceae](#) (2)
- [Agamidae](#) (1)
- [Canidae](#) (3)
- [Casuarinaceae](#) (1)
- [choose more...](#)

46 results for [all records]

Selected filters: Assertions by user: "Lee" [×](#)[Download](#)[Records](#) [Map](#) [Charts](#) [Record images](#)[Alerts](#)

per page: 20 sort: Date added order: Descending

Species: Birgus latro Coconut Crab Date: 2013-05-27 Country: Antarctica
Data Source: Christmas Island National Park Robber Crab (<i>Birgus Latro</i>) Road Kill Monitoring Catalog Number: 2567 View record
Species: Birgus latro Coconut Crab Date: 2012-11-28 Country: Antarctica
Data Source: Christmas Island National Park Robber Crab (<i>Birgus Latro</i>) Road Kill Monitoring Catalog Number: 2106 View record
Species: Birgus latro Coconut Crab Date: 2013-11-06 Country: Papua New Guinea
Data Source: Christmas Island National Park Robber Crab (<i>Birgus Latro</i>) Road Kill Monitoring Catalog Number: 2810 View record
Species: Acacia alpina Alpine wattle Date: 2015-03-28
Data Source: Canberra Nature Map Basis Of Record: Human Observation Catalog Number: 34634 View record
Genus: Mycena Date: 2013-06-04 State: Tasmania
Institution: Royal Botanic Gardens Victoria Collection: National Herbarium Of Victoria Basis Of Record: Preserved Specimen Catalog Number: MEL:MEL.2381518A View record
Species: Vulpes vulpes Fox Date: 2010-02-15
Data Source: Victorian Biodiversity Atlas Basis Of Record: Human Observation Catalog Number: 5715123.00 View record
Species: Exocarpus strictus Date: 1990-03-27 State: Victoria
Institution: University Of New England Collection: N.C.W. Beadle Herbarium Basis Of Record: Preserved Specimen Catalog Number: NE:NE.60683 View record
Species: Macquaria novemaculeata Australian Bass
Data Source: Individual Sightings Basis Of Record: Human Observation Catalog Number: 518b58363dff1d7e1be36b90 View record
Species: Cyanicula caerulea Date: 2002-09-15 State: Queensland
Data Source: NSW South Coast & ACT Plants Basis Of Record: Human Observation View record
Species: Pyracantha crenatoserrata Firethorn Date: 2002-05-01 State: New South Wales
Data Source: NSW South Coast & ACT Plants Basis Of Record: Human Observation View record
Species: Pultenaea polifolia Date: 2004-11-25 State: Queensland
Data Source: NSW South Coast & ACT Plants Basis Of Record: Human Observation View record
Species: Chlamydosaurus kingii Frilled Lizard Date: 2011-03-29 Country: New Caledonia
Institution: Australian Museum Collection: Australian Museum Herpetology Collection Basis Of Record: Preserved Specimen Catalog Number: Herpetology.R.180048.001 View record

Start exploring ▾

Search & analyse ▾

Participate ▾

Learn about the ALA ▾

Showing "Club View"

[Back to search results](#)

Christmas Island National Park Robber Crab (*Birgus latro*) Road Kill Monitoring - 2567

of *Birgus latro* | Coconut Crab recorded on 2013-05-27[Flag an issue](#) [Contact curator](#)[Compare "original vs processed" values](#)**Dataset**

- [Event](#)
- [Taxonomy](#)
- [Geospatial](#)
- [User flagged issues](#)
- [Data quality tests \(0 red, 3 yellow, 20 green, 14 orange, 49 grey\)](#)
- [Additional political boundaries information](#)
- [Environmental sampling for this location](#)

Dataset

Data provider	Australian Ecological Knowledge and Observation System Data Portal
Data resource	Christmas Island National Park Robber Crab (<i>Birgus latro</i>) Road Kill Monitoring
Catalogue number	2567
Basis of record	Not supplied
Collector/Observer	Kr <i>Supplied as "KR"</i>
License	CC BY
Occurrence status	present
Abcd identification qualifier	Not provided

Location of record

Map ▾	 Map data ©2017 Google 20 km Terms of Use
Event	
Record date	2013-05-27 <i>Supplied date "27-05-2013"</i>
Taxonomy	
Scientific name	<i>Birgus latro</i>
Taxon rank	Species
Common name	Coconut Crab <i>Supplied common name "Robber Crab"</i>
Kingdom	Animalia
Phylum	Arthropoda



Date loaded: 2015-05-14

Annotations

geospatialIssue - flagged by Lee Belbin

Comment: Looks like the Northing is missing a digit as in 884539x?

Date created: 2015-10-27 19:24:13

[Delete this annotation](#)

[Verify this annotation](#)

Data quality tests

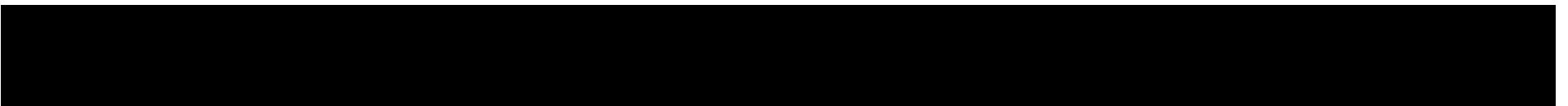
Test name	Result
Occurrence status assumed to be present ⓘ	⚠ Warning
Coordinates converted from UTM ⓘ	⚠ Warning
Country inferred from coordinates ⓘ	⚠ Warning
Invalid collection date ⓘ	Passed
Incomplete collection date ⓘ	Passed
First of the month ⓘ	Passed
Collector name unparseable ⓘ	Passed
Missing catalogue number ⓘ	Passed
Data are generalised ⓘ	Passed
Name not supplied ⓘ	Passed
Name not recognised ⓘ	Passed
Invalid scientific name ⓘ	Passed
Name not in national checklists ⓘ	Passed
Unable to convert UTM coordinates ⓘ	Passed
Coordinates are transposed ⓘ	Passed
Coordinates are out of range for species ⓘ	Passed
Supplied coordinates are zero ⓘ	Passed

Phylolink

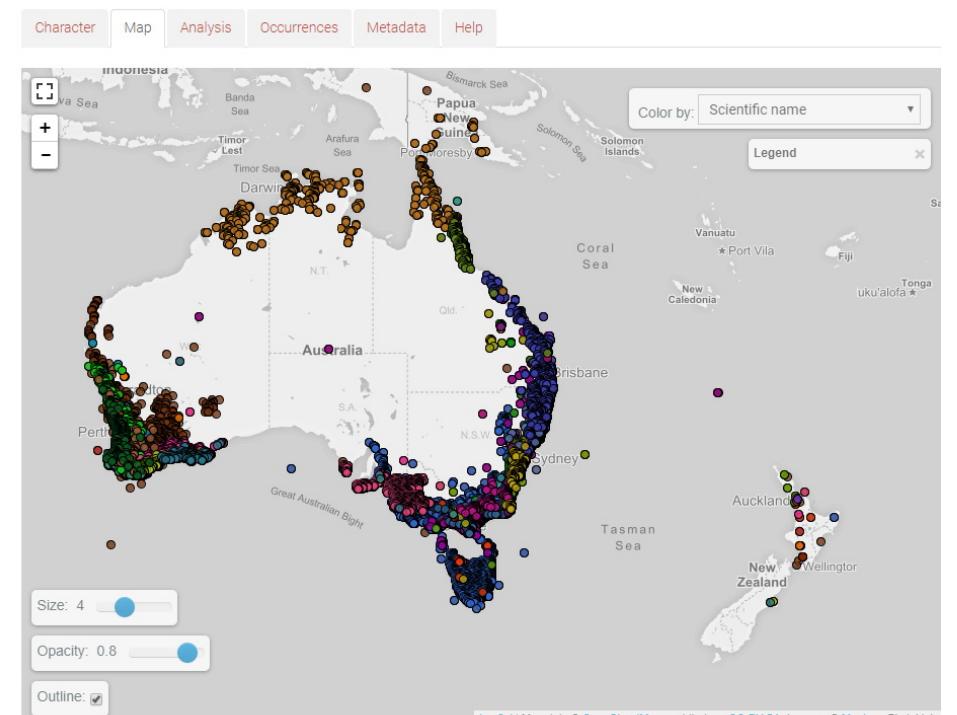
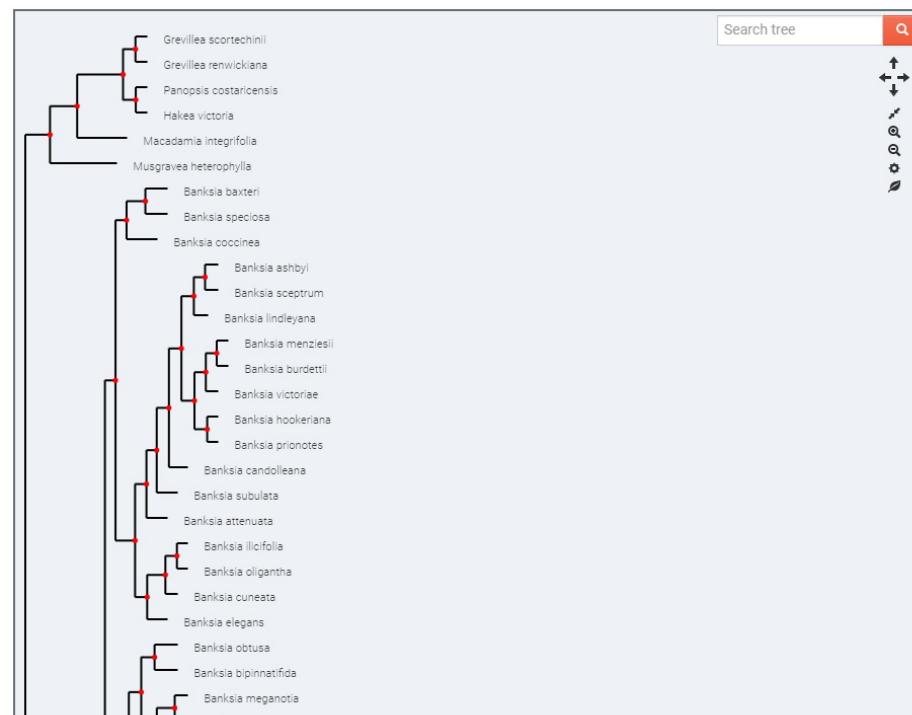


Select an expert recommended tree

Tree name	Species covered	Action			
Acacia – Miller et al 2012 ⓘ	Acacia	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Amphibians (global) – Pyron & Wiens 2011 ⓘ	Amphibians	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Mammals – Fritz et al 2009 ⓘ	Mammals	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Wrens (Maluridae) - Lee et al 2012 ⓘ	Wrens (Maluridae)	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Woody rainforest plants – Kooyman et at 2013. ⓘ	Woody rainforest plants	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Diptera – Wiegmann et al 2011 ⓘ	DIPTERA	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Hornworts - Cargill et al 2013 ⓘ	Australian Hornworts	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Honeyeaters (Meliphagidae) – Joseph et al 2014 ⓘ	MELIPHAGIDAE	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Robins (Petroicidae) – Christidis et al 2011 ⓘ	PETROICIDAE	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Passerine birds – Hugall & Fox 2012 ⓘ	PASSERIFORMES	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Restionaceae – Linder et at 2003 ⓘ	Restionaceae	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Orchids, Dendrobium – Burke et al 2008 ⓘ	Dendrobium	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually
Birds – Jetz et al 2012 ⓘ	AVES	<input checked="" type="button"/> Open	Preview tree	Rematch	Rematch manually



My viz #3755



Explore Regions



Ben Lomond

Occurrence records (26,456)

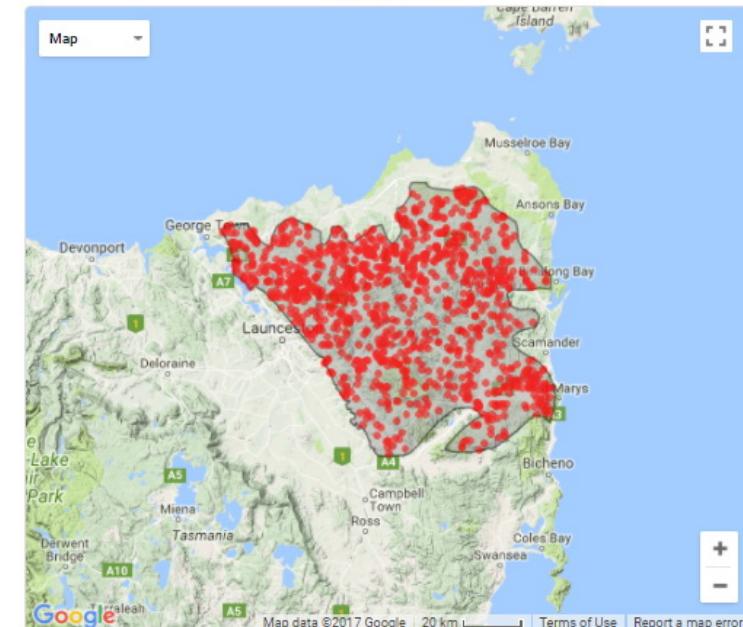
Number of species (230)

[Explore by species](#)[Explore by taxonomy](#)

Group	Species	Records
> All Species	1. Acanthiza (Acanthiza) apicalis apicalis	3
> Mammals	2. Acanthiza (Acanthiza) ewingii ewingii	521
▼ Birds	3. Acanthiza (Acanthiza) pusilla : Brown Thornbill	564
Ducks, Geese, Swans	4. Acanthiza (Geobasileus) chrysorrhoa : Yellow-rumped Thornbill	213
Hummingbirds, Swifts		
Nightjars, Frogmouths, Potoos		
Waders, Gulls, Auks		
Bitterns, Ibises		
Doves	5. Acanthorhynchus tenuirostris dubius	3
Kingfishers	6. Acanthorhynchus tenuirostris : Eastern Spinebill	427
Cuckoos		
Falcons		
Fowls		
Cranes	7. Acanthornis magna : Scrubtit	103
Perching Birds	8. Accipiter (Leucospiza) fasciatus fasciatus	31
Large waterbirds	9. Accipiter (Leucospiza) fasciatus : Australian Goshawk	42
Grebes		
Parrots	10. Accipiter (Leucospiza) novaehollandiae : Grey Goshawk	125
Owls		
Ostriches		
Buttonquails		
> Insects and Spiders		
> Amphibians		

[View Records](#)[Download Records](#)Time Controls and Map [i](#)

1850 1850 - 2017 2017

[Map opacity controls](#)

Sandbox

(Upload data)



Uploading data for checking and analysis

A	B	C	D	E	F	
1	Project	Longitude	Latitude	MW	Status	State
2	Coconut Island	143.07	-10.06	0	Decommissioned	Qld
3	Black Springs	149.71	-33.84	40	Feasibility	NSW
4	Cooma	149.13	-36.24	100	Feasibility	NSW
5	Coppabella Hills	148.56	-34.73	230	Feasibility	NSW
6	Lord Howe Island	159.08	-31.55	0	Feasibility	NSW
7	Molonglo	149.45	-35.23	120	Feasibility	NSW
8	Mt Spring	149.15	-33.40	10	Feasibility	NSW
9	Murrurundi	150.83	-31.76	35	Feasibility	NSW
10	Paling Yards	149.02	-35.14	90	Feasibility	NSW
11	Rock Flat Creek	149.21	-36.16	100	Feasibility	NSW
12	Archer Point	145.31	-15.58	120	Feasibility	Qld
13	Barn Hill (Red Hill)	138.06	-33.58	120	Feasibility	SA
14	Baynton	144.68	-37.15	50	Feasibility	VIC
15	Coowonga	150.73	-23.28	0	Feasibility	Qld
16	Crowlands Glenlofty	143.09	-37.15	140	Feasibility	VIC
17	Kongorong	140.57	-37.90	30	Feasibility	SA
18	Korumburra	145.83	-38.43	12	Feasibility	VIC
19	Lake Hamilton Sheringa	135.23	-33.81	110	Feasibility	SA
20	Mount Benson	139.77	-37.02	130	Feasibility	SA
21	Rosedale	146.81	-38.15	50	Feasibility	VIC
22	Sheringa Beach	135.19	-33.86	100	Feasibility	SA
23	Sidonia Hills	144.51	-37.22	120	Feasibility	VIC
24	Tarrone	142.55	-37.68	30	Feasibility	VIC
25	Tolga	145.48	-17.20	45	Feasibility	Qld
26	Uley	135.64	-34.68	160	Feasibility	SA
27	Welshpool	146.43	-38.66	18	Feasibility	VIC
28	Windy Hill Stage 2	145.53	-17.59	12	Feasibility	Qld
29	Albany	117.78	-35.06	21	Installed	WA
30	Blayney	149.20	-33.62	10	Installed	NSW
31	Crookwell	149.47	-34.46	5	Installed	NSW
32	Cullerin Range	149.40	-34.81	30	Installed	NSW
33	Hampton Wind Park	150.05	-33.64	1	Installed	NSW

Sandbox file upload

1. File uploaded

http://sandbox.ala.org.au

File name: Sandbox demo.xlsx

2. Check our initial interpretation

Adjust headings that have been incorrectly matched using the text boxes. Fields marked in yellow haven't been matched to a recognised field name ([darwin core terms](#)).

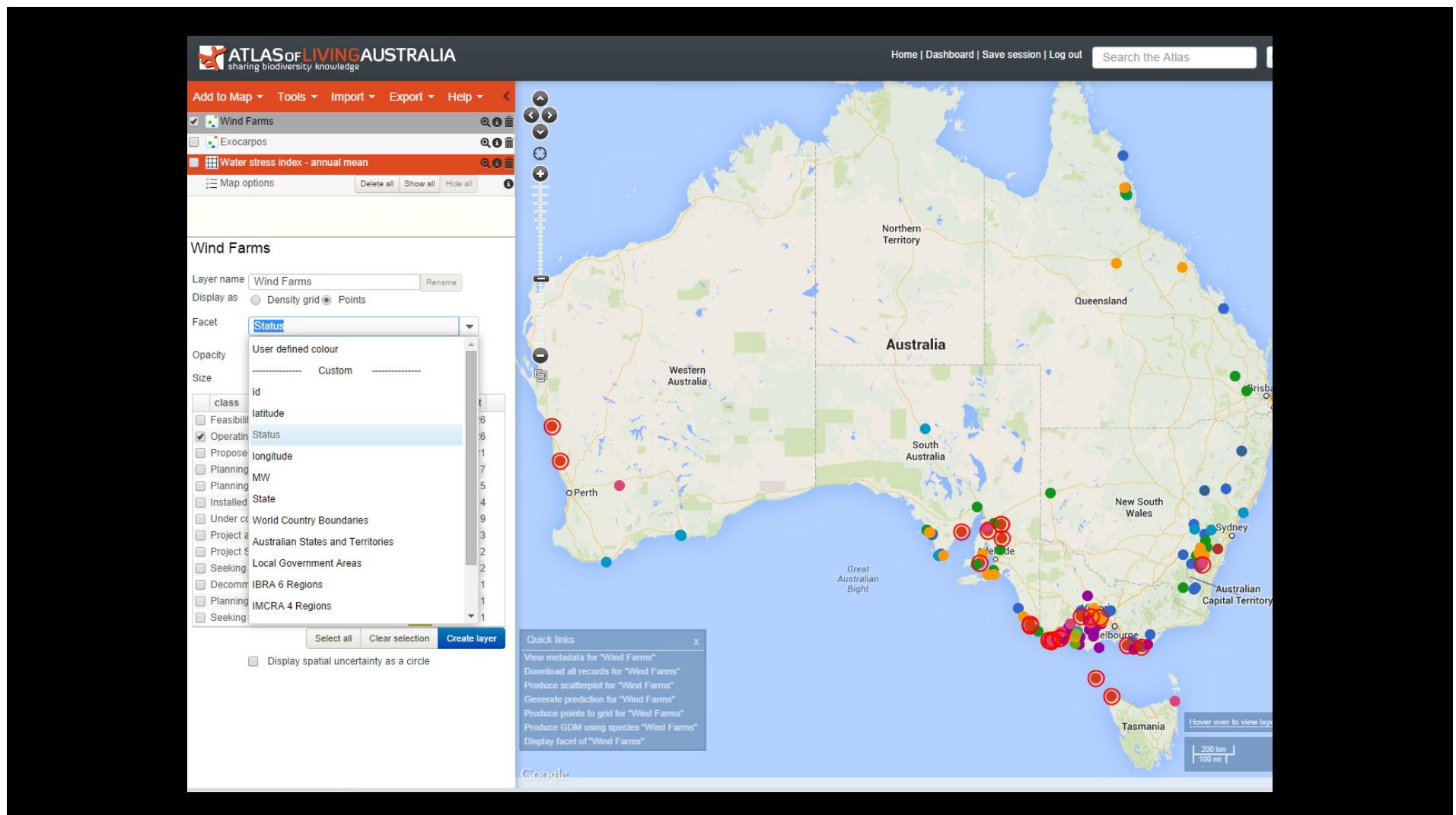
After adjusting, click

The first line is:

▾

irrenceID	scientificName	decimalLatitude	decimalLongitude	coordinateUncertaintyInMeters
837226	<i>Sturnus tristis</i>	-37.88333999999997	144.61670000000001	500
837236	<i>Sturnus vulgaris</i>	-38.25	144.65	500
837295	<i>Falco berigora</i>	-38.03332999999999	144.5166999999999	500
837313	<i>Anthochaera chrysoptera</i>	-37.91667000000003	144.7666999999999	100
837342	<i>Anas superciliosa</i>	-37.9	144.6332999999999	100

3. Upload to sandbox



Sensitive Data Service



Sensitive Data Service

The Sensitive Data Service (SDS) is the ALA mechanism for providing security over data sensitivities. At the moment it supports:

- Conservation Sensitivity, whereby sensitive species are denatured according to state rules.
- Pest Sensitivity. Species are passed through a set of rules based on categories as defined in the **Plant Biosecurity Sensitive Data Service**

For more information see [Data Sensitivity](#).

Testing

The Sensitive Data Service can be tested through the [sandbox](#). Simply upload your list of species and coordinates and the individual record pages of the sandbox will indicate whether or not sensitivity was detected.

Resources

The Sensitive Data Service is controlled through a set of XML files.

File	Purpose	
Sensitive Species Data	The xml file that supplies all the sensitive species and the categories and zones to which they belong.	This file was last generated on Mon Jul 31 02:31:41 UTC 2017. Refresh
Sensitive Categories	The xml file that supplies the vocabulary for the sensitive categories.	This is a static file.
Sensitive Zones	The xml file that supplies the vocabulary for the sensitive zones.	This is a static file.
List of sensitive layer IDs	JSON list of layers that are required by the SDS	

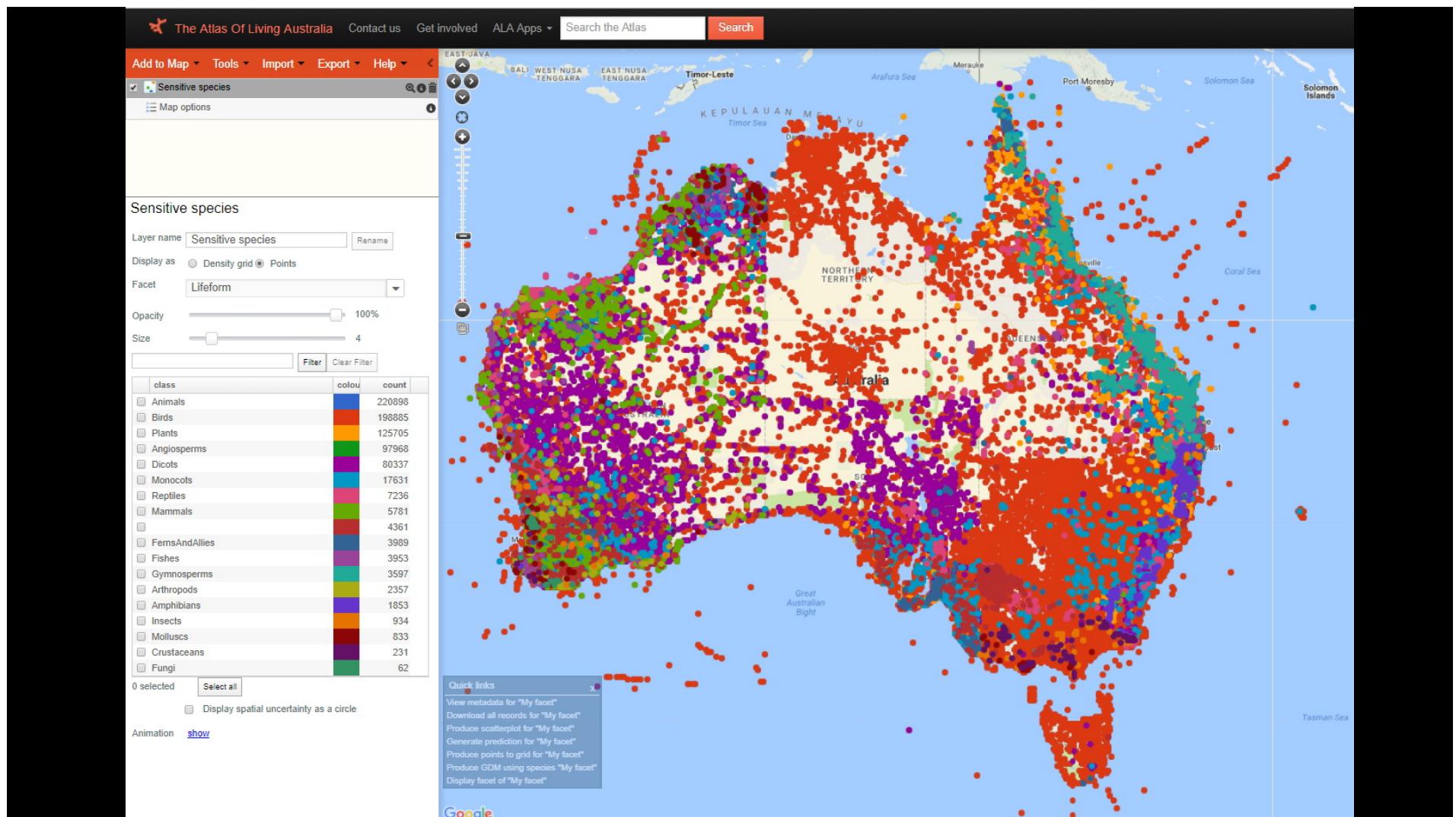
The species that make up the individual components of the SDS can be view via the [list tool](#).

```
<sensitivity-categories>
< sensitivity-category id="NE" name="Not Evaluated" type="Conservation"/>
< sensitivity-category id="DD" name="Data Deficient" type="Conservation"/>
< sensitivity-category id="LC" name="Least Concern" type="Conservation"/>
< sensitivity-category id="NT" name="Near Threatened" type="Conservation"/>
< sensitivity-category id="CD" name="Conservation Dependent" type="Conservation"/>
< sensitivity-category id="VU" name="Vulnerable" type="Conservation"/>
< sensitivity-category id="EN" name="Endangered" type="Conservation"/>
< sensitivity-category id="CR" name="Critically Endangered" type="Conservation"/>
< sensitivity-category id="EW" name="Extinct in the Wild" type="Conservation"/>
< sensitivity-category id="EX" name="Extinct" type="Conservation"/>
< sensitivity-category id="X" name="Presumed Extinct" type="Conservation"/>
< sensitivity-category id="IA" name="Protected under international agreement" type="Conservation"/>
< sensitivity-category id="R" name="Rare" type="Conservation"/>
< sensitivity-category id="P1" name="WA Priority 1" type="Conservation"/>
< sensitivity-category id="P2" name="WA Priority 2" type="Conservation"/>
< sensitivity-category id="P3" name="WA Priority 3" type="Conservation"/>
< sensitivity-category id="P4" name="WA Priority 4" type="Conservation"/>
< sensitivity-category id="P5" name="WA Priority 5" type="Conservation"/>
< sensitivity-category id="PX" name="WA Priority X" type="Conservation"/>
< sensitivity-category id="SP" name="WA Specially Protected" type="Conservation"/>
< sensitivity-category id="C2" name="SA Category 2 Conservation Protected" type="Conservation"/>
< sensitivity-category id="1" name="NSW Category 1 Conservation Protected" type="Conservation"/>
< sensitivity-category id="2" name="NSW Category 2 Conservation Protected" type="Conservation"/>
< sensitivity-category id="3" name="NSW Category 3 Conservation Protected" type="Conservation"/>
< sensitivity-category id="PBC1" name="Plant pest not known in Australia" type="Plant_Pest"/>
< sensitivity-category id="PBC2" name="Plant pest eradicated" type="Plant_Pest"/>
< sensitivity-category id="PBC3" name="Plant pest under eradication" type="Plant_Pest"/>
< sensitivity-category id="PBC4" name="Plant pest subject to official control" type="Plant_Pest"/>
< sensitivity-category id="PBC5a" name="Plant pest in Torres Strait Zone" type="Plant_Pest"/>
< sensitivity-category id="PBC5b" name="Plant pest is Queensland Fruit Fly" type="Plant_Pest"/>
< sensitivity-category id="PBC6" name="Plant pest notifiable under State Legislation" type="Plant_Pest"/>
< sensitivity-category id="PBC8" name="Plant pest has a Transient Population on the supplied date and location" type="Plant_Pest"/>
< sensitivity-category id="PBC9" name="Plant pest is unreleased Exotic Biological Control Agent" type="Plant_Pest"/>
< sensitivity-category id="PBC10" name="Identified to Higher taxon that have members that are of Biosecurity Concern" type="Plant_Pest"/>
< sensitivity-category id="sensitive species" name="New Zealand sensitive species" type="Conservation"/>
< sensitivity-category id="High" name="ACT high priority" type="Conservation"/>
< sensitivity-category id="Very High" name="ACT very high priority" type="Conservation"/>
</sensitivity-categories>
```

Spatial Portal

(Research)





ATLAS of LIVING AUSTRALIA
sharing biodiversity knowledge

Add to Map ▾ Tools ▾ Import ▾ Export ▾ Help ▾

Map options

Base map

- Outline
- Minimal
- Normal
- Satellite

Add WMS Layer Download map Reset map

Add Area

Select method to define area.

Interact with the map

- Draw bounding box
- Draw polygon
- Draw point and radius
- Select area from polygonal layer

Searching

- Radius centered on street address
- Create radius from point
- Gazetteer polygon

Preset areas

- Box - Australia
- Box - World
- Box - Current View

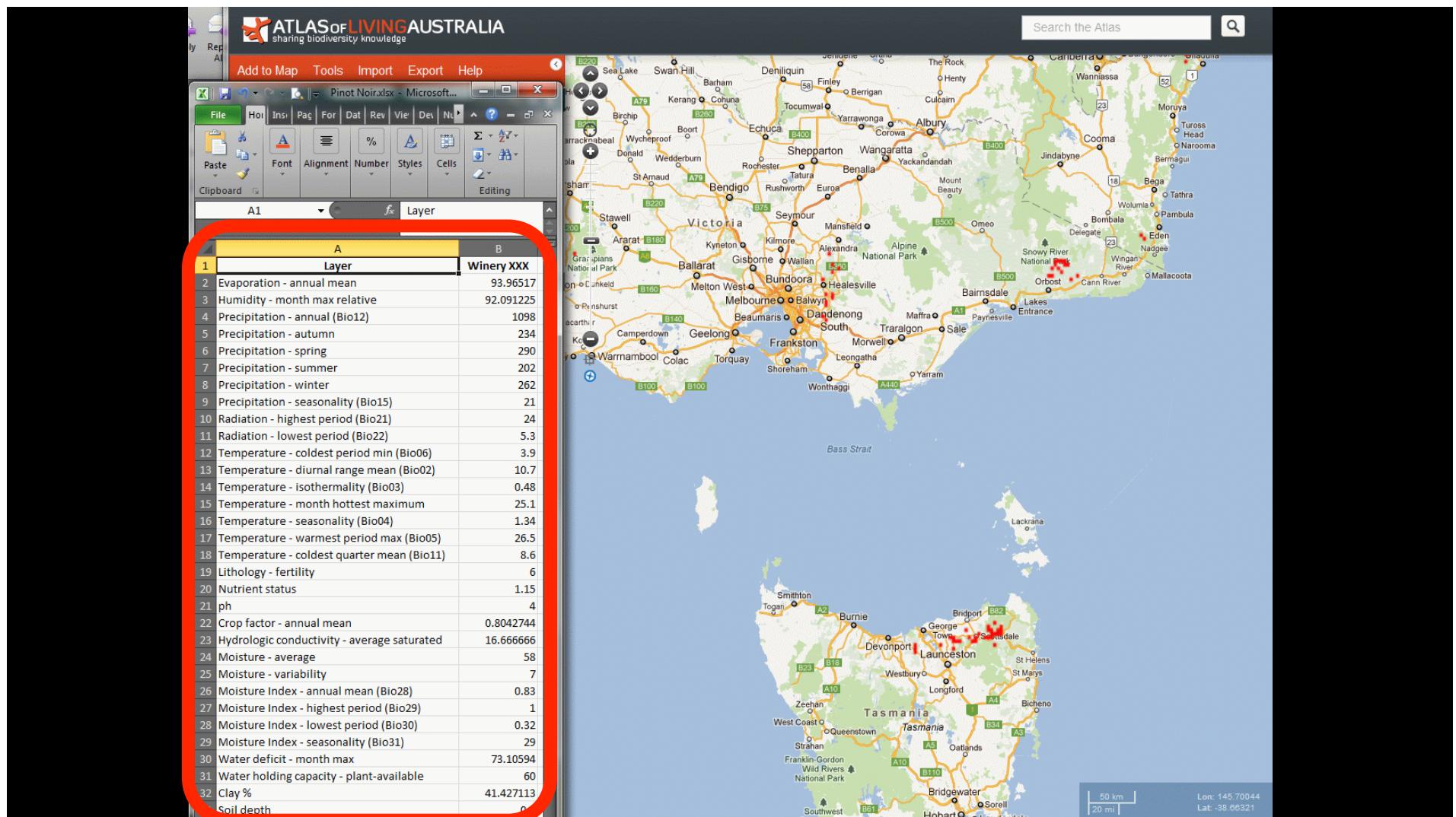
Import

- Import Shapefile
- Import KML

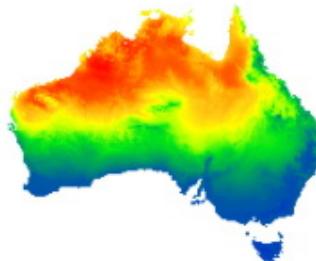
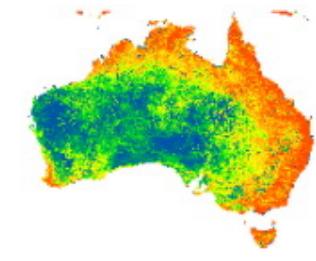
Other

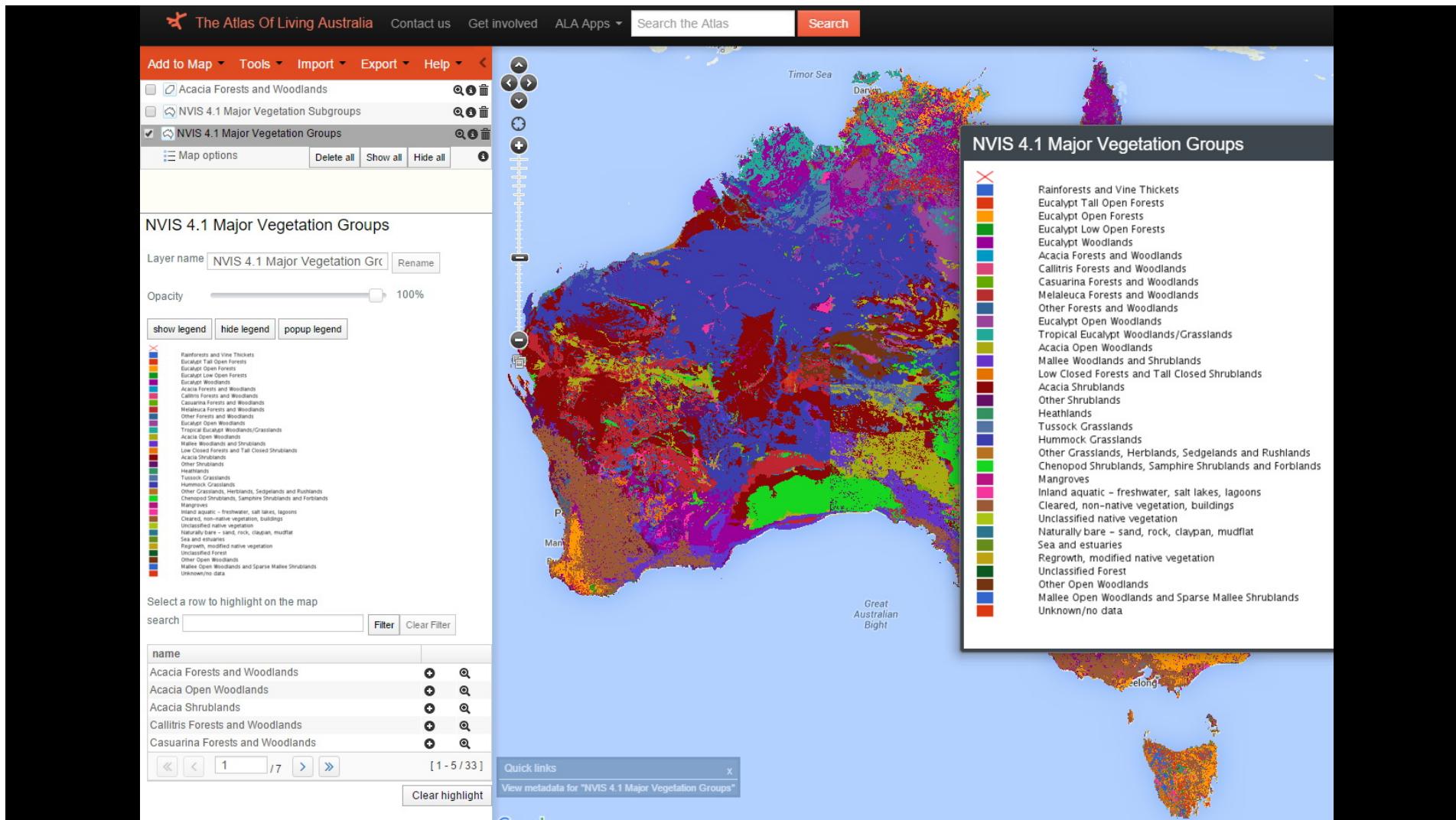
- Define environmental envelope
- Enter area coordinates (WKT)
- Merge map areas

Cancel Next >



<http://spatial.ala.org.au/layers>

Climate	Temperature	2030A1BMk35 M: Temperature 2030A1BMk35 - annual max M_maxtm mean	Mean annual maximum temperature (°C) - future climate scenario for 2030 A1B emissions CSIRO Mk3.5 GCM medium climatic sensitivity - OZCLIM + ANUCLIMv5.1	Environmental (gridded)	CSIRO Ecosystem Sciences	GDM-Ready, 2030-centred		Click to view this layer
Vegetation		Enhanced Vegetation Index (2012-03-05) auscover_evi	Enhanced Vegetation Index (2012-03-05)	Environmental (gridded)	AusCover			Click to view this layer
Marine	Region	Geomorphology of the Australian Margin and adjacent seafloor geo_feature	Geomorphology of the Australian Margin and adjacent seafloor	Contextual (polygonal)	GA	reef, shoal, bank, slope, basin, trench, shelf		Click to view this layer



Add to Map ▾ Tools ▾ Import ▾ Export ▾ Help ▾

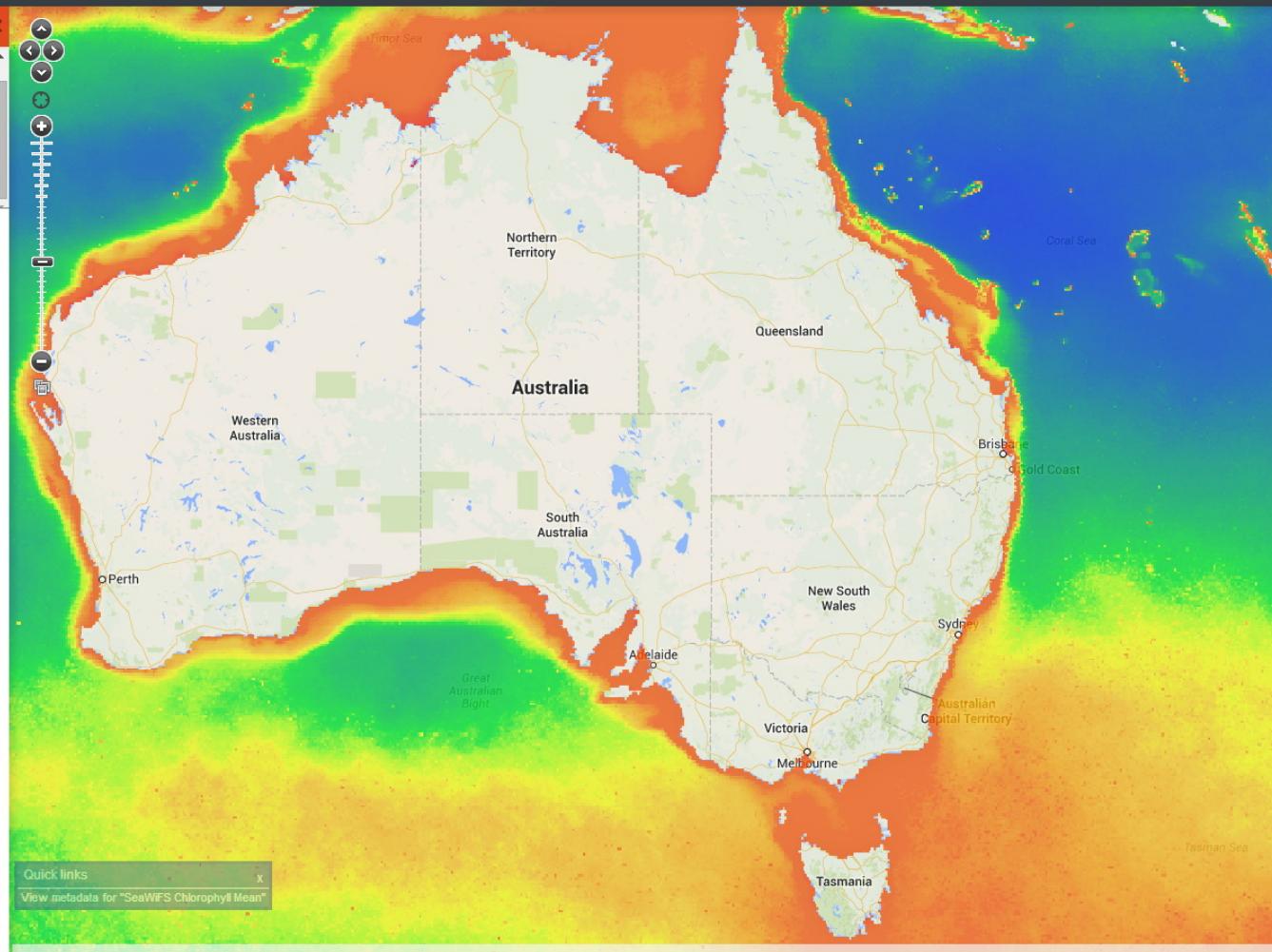
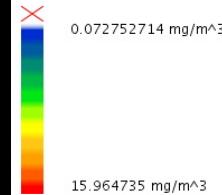
- GEOMACS - geometric mean
- Euclidean Distance to the Australian Coastline
- SeaWiFS Chlorophyll Mean
- Geomorphology of the Australian Margin and adjacent seafloor

[Map options](#) [Delete all](#) [Show all](#) [Hide all](#)

SeaWiFS Chlorophyll Mean

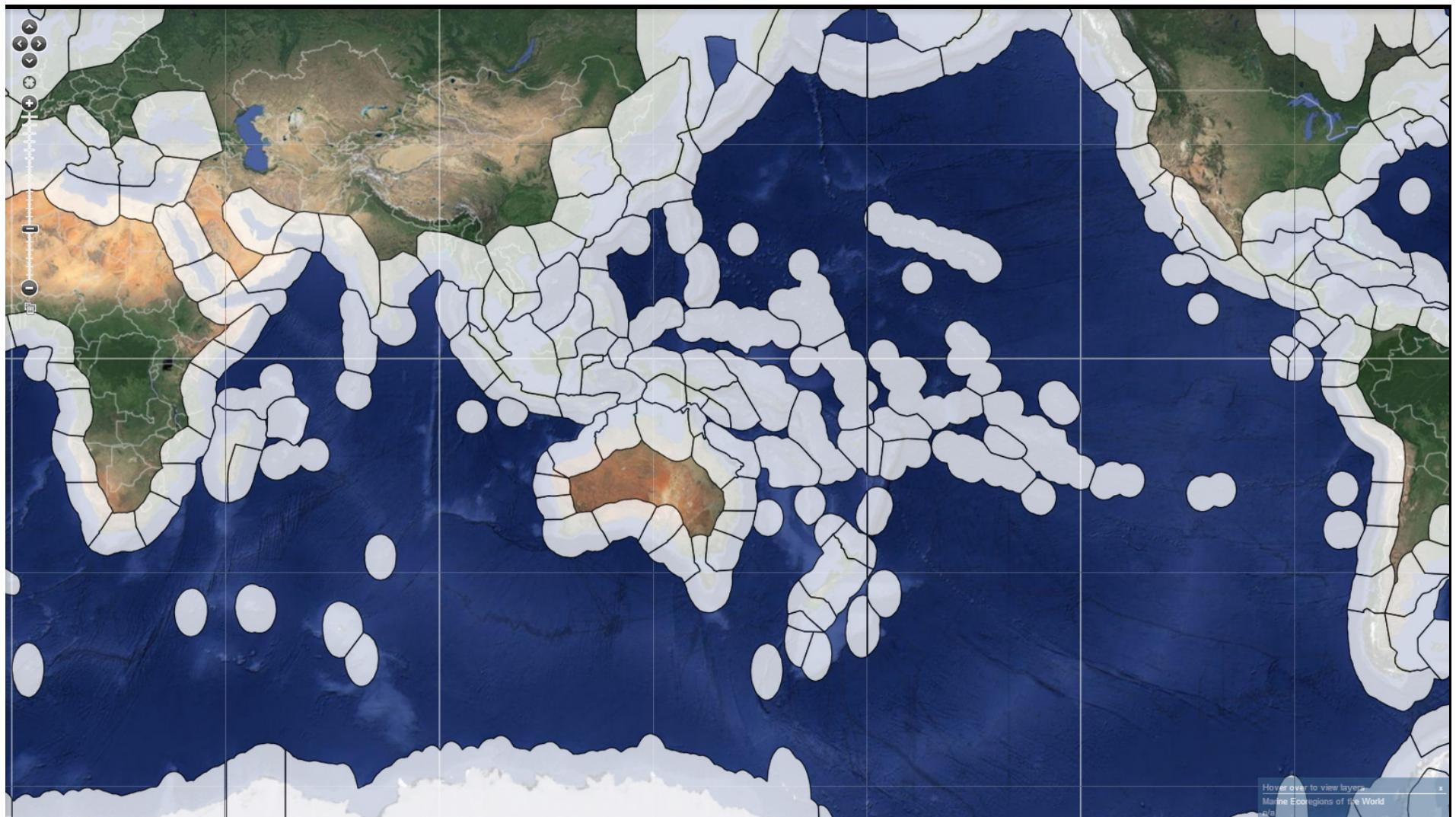
Layer name [Rename](#)

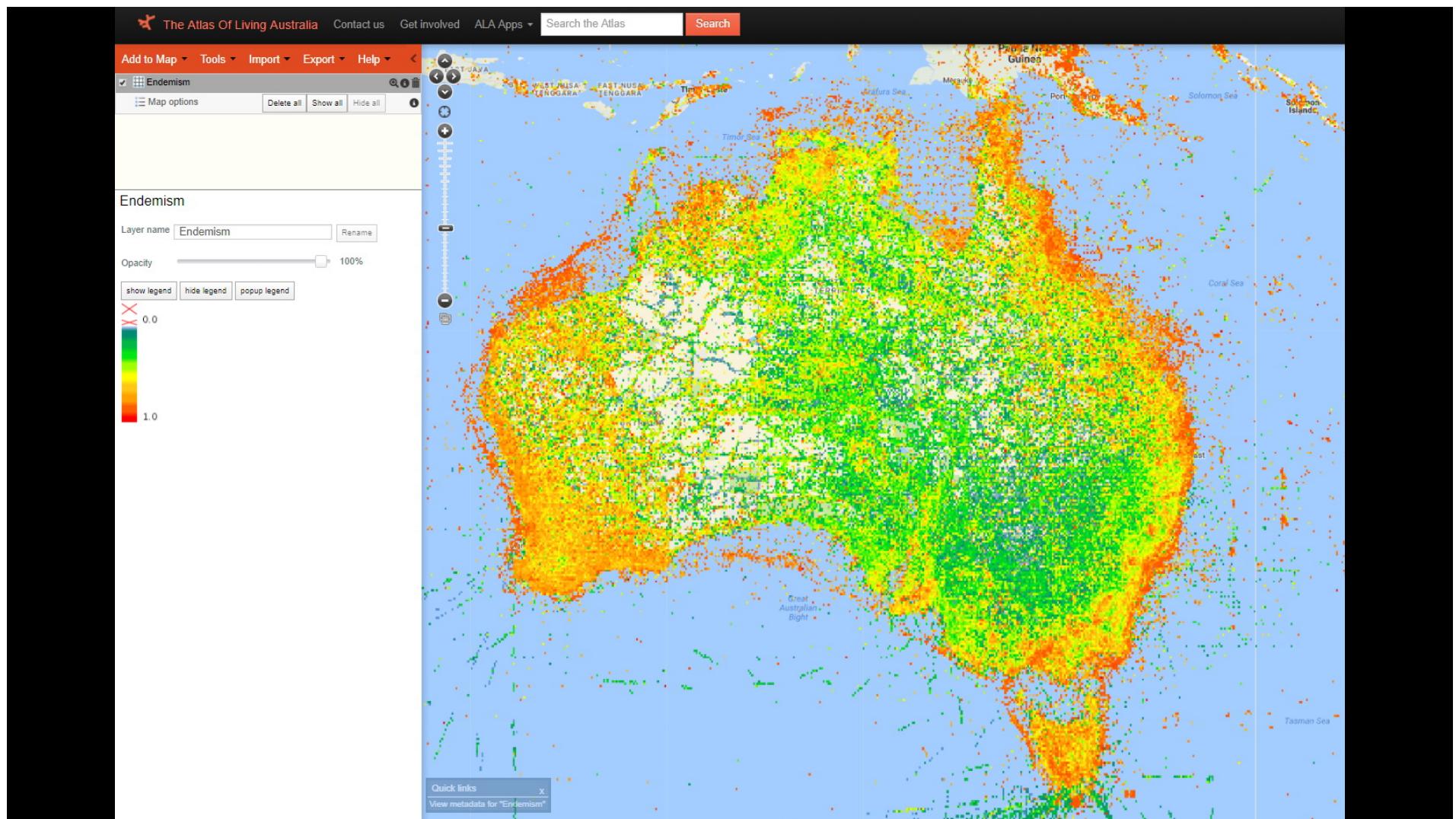
Opacity



Quick links

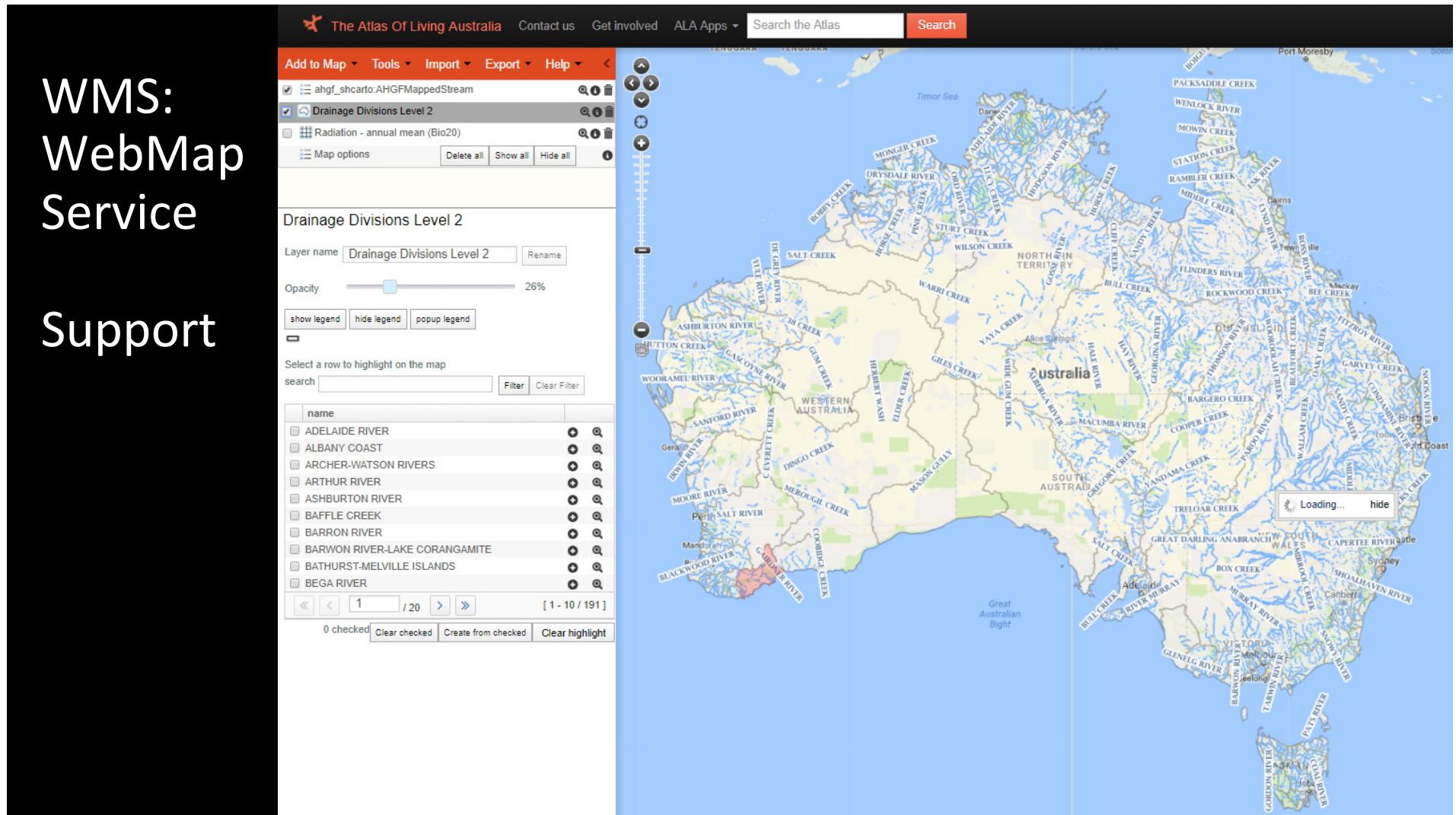
[View metadata for "SeaWiFS Chlorophyll Mean"](#)



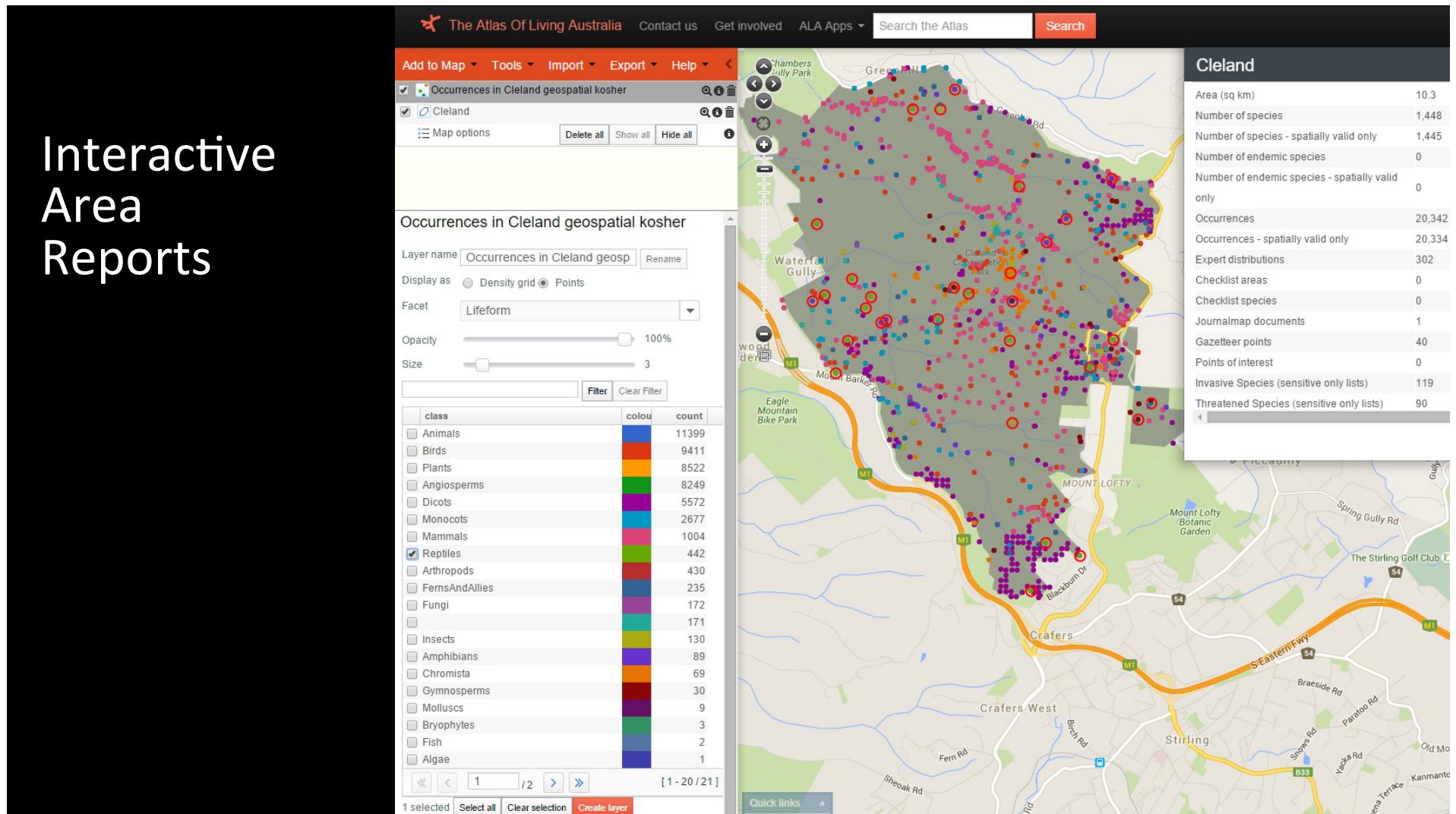


WMS: WebMap Service

Support



Interactive Area Reports



AREA REPORT



www.ala.org.au

Area: 10.3
sq km

Species:
1448

Occurrences:
20342

Endemic
species: 0

All
threatened
species: 90

Migratory
species: 7

All invasive
species:
119

Iconic
species: -1

JournalMap
Articles: 1

Animals:
352

Plants: 983

Birds: 182

Table of Contents

Table of Contents	2
Cleland	3
National Dynamic Land Cover	4
Global Context Ecoregions	5
Freshwater Ecoregions of the World (FEOW)	6
Occurrences	7
Species	8
All threatened species	41
All invasive species	44
Iconic species	48
Migratory species	49
lifeform - Algae	50
lifeform - Amphibians	51
lifeform - Angiosperms	52
lifeform - Animals	74
lifeform - Arthropods	83
lifeform - Bacteria	85
lifeform - Birds	86
lifeform - Bryophytes	92
lifeform - Chromista	93
lifeform - Crustaceans	94
lifeform - Dicots	95
lifeform - FernsAndAllies	110
lifeform - Fish	111
lifeform - Fungi	112
lifeform - Gymnosperms	113
lifeform - Insects	114
lifeform - Mammals	116
lifeform - Molluscs	118
lifeform - Monocots	119
lifeform - Plants	127
lifeform - Protozoa	150
lifeform - Reptiles	151
Expert Distributions	153
Checklist Areas	161
JournalMap Articles	162
Further Links	163
Federal	163
State/Territory	163
Australian Capital Territory	163
New South Wales	163
Northern Territory	163
Queensland	163
South Australia	163
Tasmania	163
Western Australia	163
Victoria	163
References	164

All threatened species

Number of all threatened species: 90

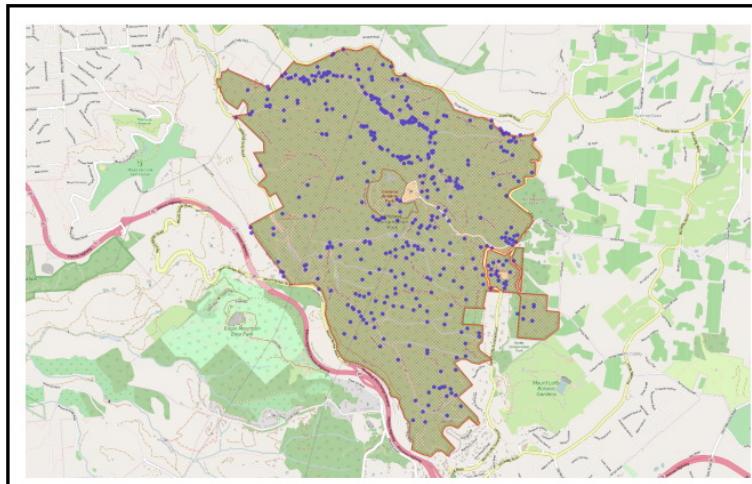


Figure 6: Map of All threatened species in My Area

Table 3: All threatened species

Family	Scientific Name	Common Name	No. Occurrences	Conservation	Invasive
PHASCOLARCTIDAE	<i>Phascolarctos cinereus</i>	Koala	231	Queensland : Conservation Status New South Wales : Conservation Status Australia wide : Conservation Status : EPBC	Yellow Crazy Ant Eradication in and Next to the Wet Tropics World Heritage Area
PERAMELIDAE	<i>Isoodon obesus obesus</i>	Southern Brown Bandicoot	152	New South Wales : Conservation Status Victoria : Conservation Status Australia wide : Conservation Status : EPBC South Australia : Conservation Status Advisory List of Threatened Vertebrate Fauna in Victoria 2013	
Ericaceae	<i>Epacris impressa</i>	Common Heath	82	Advisory List of Rare or Threatened Plants in Victoria 2014 Victoria : Conservation Status	
Pittosporaceae	<i>Mariamnthus bigoniacaeus</i>	Orange Bell Climber	41	Advisory List of Rare or Threatened Plants in Victoria 2014 Victoria : Conservation Status	
Asteraceae	<i>Senecio hypoleucus</i>	Pale Groundsel	41	Advisory List of Rare or Threatened Plants in Victoria 2014 Victoria : Conservation Status	
Fabaceae	<i>Pultenaea acerosa</i>	Bristly Bush-pea	29	Advisory List of Rare or Threatened Plants in Victoria 2014 Victoria : Conservation Status	
Poaceae	<i>Deyeuxia quadriseta</i>	Bent grass	26	Advisory List of Rare or Threatened Plants in Victoria 2014 Victoria : Conservation Status Conservation Status of New Zealand Indigenous Vascular Plants (2012)	
Aconitaceae	<i>Lomandra micrantha</i>	Small-flowered	>c	Advisory List of Rare or Threatened Plants in Victoria 2014 Victoria : Conservation Status	

Add to Map Tools Import Export Help <

- Scatter A.nyssophylla
- A.nyssophylla
- Acacia hakeoides
- Acacia nyssophylla
- Acacia
- South Australia

Scatter A.nyssophylla

Species display settings Download image Download data

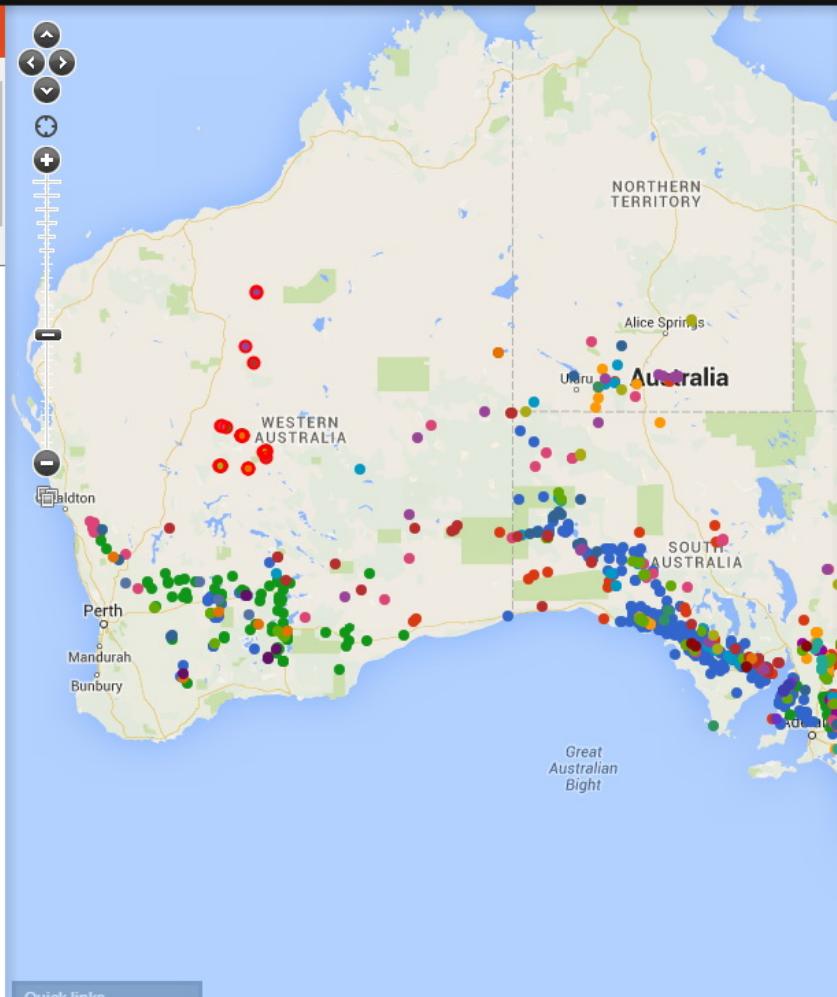
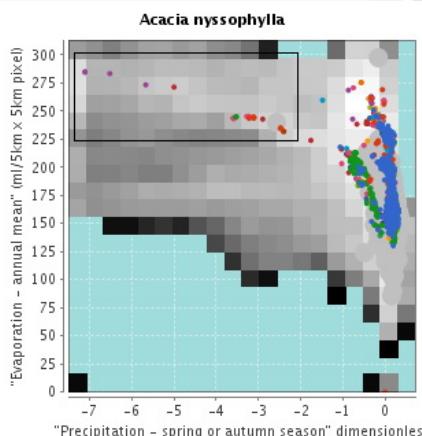
Records selected: 34 add in/out layers to map

Precipitation - spring or autumn season: -7.37192 --2.08124

Evaporation - annual mean: 224.192 - 302.287

Highlight occurrences on the scatterplot that are in an area

Clear



Scatterplot Legend

Press the Apply button after changes using the sliders, colour palette or facet selection.

Facet Vegetation types - native

Opacity 100%

Map Size 4

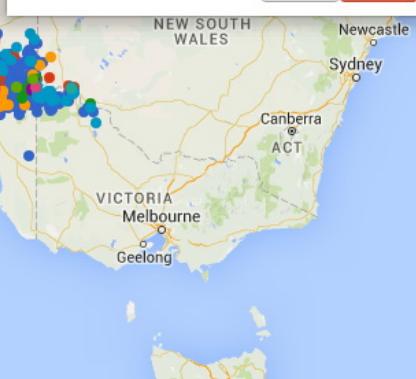
Plot Size 4

Legend

class	count
Mallee woodlands and shrublands	1475
Chenopod shrubs,samphire shrublands and forlands	201
Tussock grasslands	159
Eucalypt woodlands	140
Other forests and woodlands	107

Close

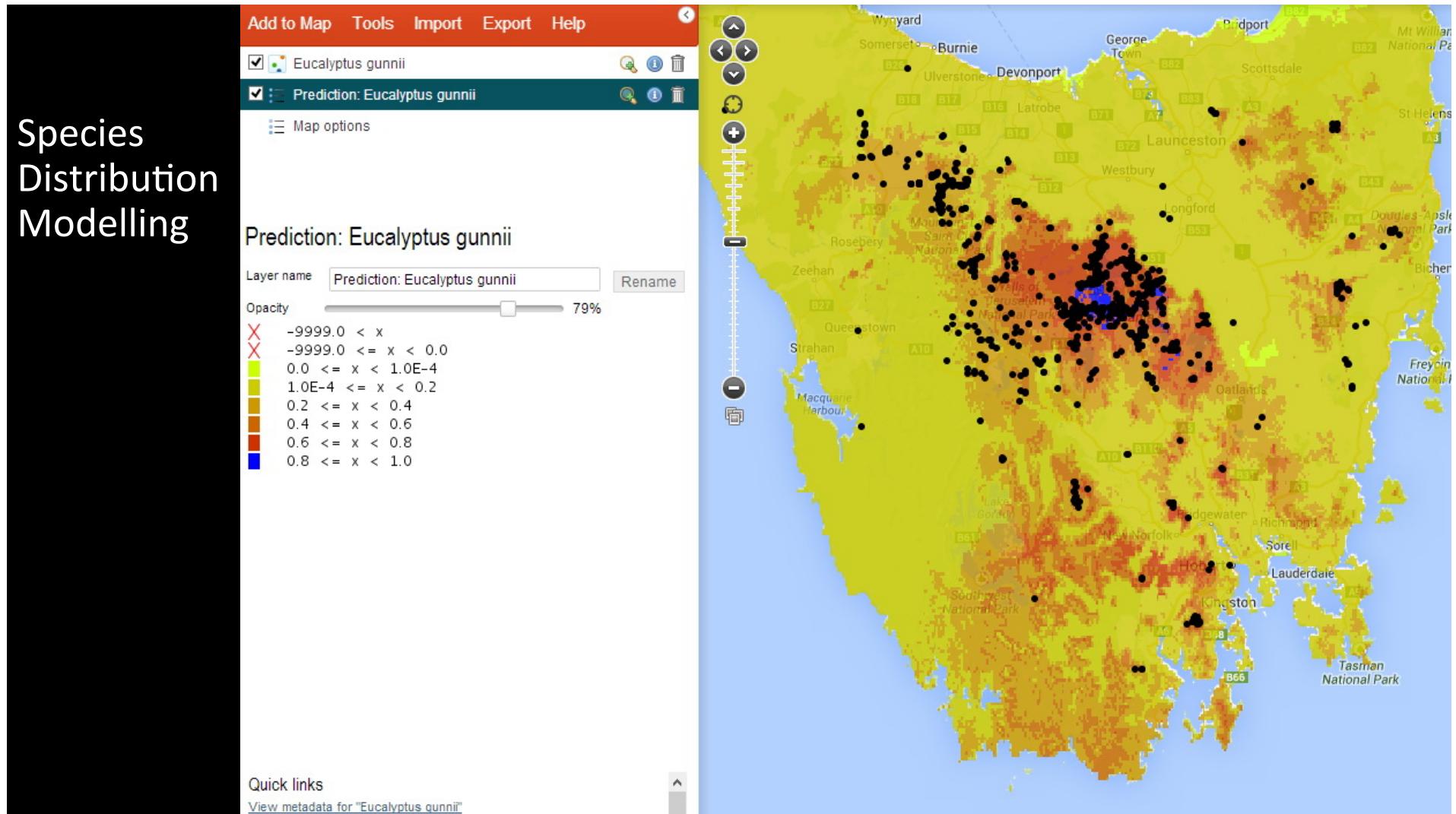
Apply



Cross Tabulations

	Number of species									
	South Australia	Macquarie Island	Australian Capital Territory	New South Wales	Queensland	Western Australia	Northern Territory	Victoria	Tasmania	Total species
Marine National Park								732		732
Commonwealth Land Managed for Conservation	1268									1268
Nature Recreation Area								2956	2956	
National Park	7435	3185	23261	30989	16687	6490	15383	9053	64807	
Heritage River	6			13				3288		3289
National Park (Scientific)					1573					1573
Proposed National Parks Act park or park addition							296		296	
Forest Reserve	2034				4870			3694		9246
Permanent Park Preserve				3274						3274
Botanic Gardens (Commonwealth)		842								842
Wilderness Zone - Schedule 5, National Parks Act							27		27	
Coastal Reserve						1048				1048
Nature Park (Aboriginal)						315				315
Private Nature Reserve								501	501	
Nature Conservation Reserve			31				4397			4400
CCA Zone 2 Aboriginal Area			1266							1266
National Park (Recovery)					2482					2482
Wilderness Zone	1629	21								1630
CCA Zone 3 State Conservation Area			2471							2471
Natural Catchment Area							301		301	
Game Reserve	1839						1	1028		2549
National Park (Commonwealth)		1626	229			6606				8011
Nature Park						1991				1991
Protected Area	820		4568	667	97	954				6254
Regional Park			2376							2376
5(1)(g) Reserve					2579					2579
State Reserve								3543	3543	
Other							1646		1646	
Wilderness Park	10						1097		1097	
Conservation Covenant						500		2708	3153	
Remote and Natural Area - not scheduled (see comment)							431		431	

Species Distribution Modelling



Species Lists



Species Information



Phascolarctos cinereus (Goldfuss, 1817)

JSON

Koala

species Accepted Name authority: Australian Faunal Directory

Overview

Gallery

Names

Classification

Records

Literature

Sequences

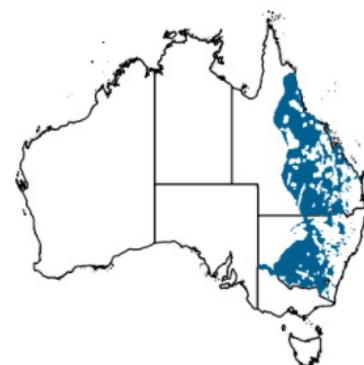
Datasets



Supplied by: Janine Duffy



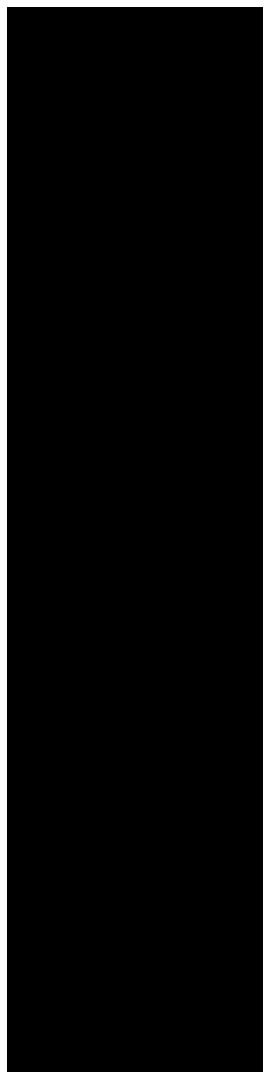
Compiled distribution map



Compiled distribution map provided by Australia - Species of National Environmental Significance Database (Public Grids)

Occurrence records map (60,116 records)





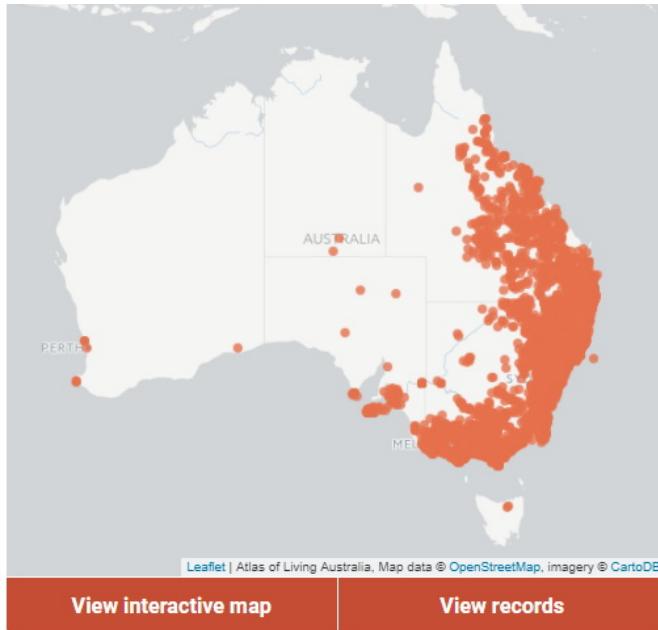
Phascolarctos cinereus

Conservation Status

AUS Vulnerable

Online Resources

ALA occurrences Google search
GBIF Google scholar
Encyclopaedia of Life
Biodiversity Heritage Library



Record a sighting

Submit a photo

Receive alerts when new records are added

Datasets

36 datasets have provided data to the ALA for this species.

Browse the [list of datasets](#) and find organisations you can join if you are interested in participating in a survey for species like *Phascolarctos cinereus* (Goldfuss, 1817)

AUS Vulnerable



Phascolarctos cinereus (Goldfuss, 1817)

Koala

species Accepted Name authority: Australian Faunal Directory

Overview Gallery Names Classification Records Literature Sequences Datasets

Classification

kingdom ANIMALIA

phylum CHORDATA

VERTEBRATA

GNATHOSTOMATA

class MAMMALIA

subclass MARSUPIALIA

order DIPROTODONTIA

suborder VOMBATIFORMES

family PHASCOLARCTIDAE

genus *Phascolarctos*

species *Phascolarctos cinereus*

subspecies *Phascolarctos cinereus adustus* Thomas, 1923

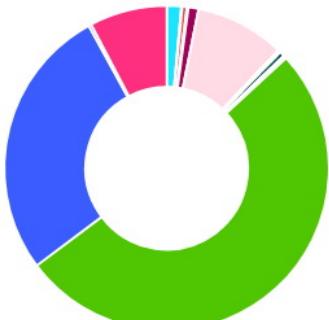
subspecies *Phascolarctos cinereus cinereus* (Goldfuss, 1817)

subspecies *Phascolarctos cinereus victor* Troughton, 1935

Charts showing breakdown of occurrence records (60,116 records)

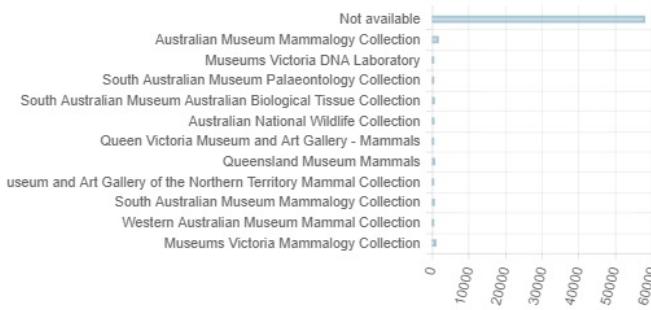
[View list of all occurrence records for this taxon \(60,116 records\)](#)[View map of all occurrence records for this taxon \(60,116 records\)](#)

By habitat



- Primarily Non-Vegetated Artificial Surfaces & Associated Areas Non Built-Up Extraction Sites
- Primarily Non-Vegetated Waterbodies Water
- Primarily Non-Vegetated Waterbodies Water Brine
- Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Irrigated
- Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Irrigated Pasture
- Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Irrigated Sugar
- Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Rainfed
- Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Rainfed Pasture
- Primarily Vegetated Cultivated & Managed Lands Herbaceous Graminoids Rainfed Sugar

By collection



By data partner



Biodiversity Heritage Library

Trove

Name references found in the Biodiversity Heritage Library

[Search BHL for references to *Phascolarctos cinereus*](#)

Name references found in Trove - NLA

Number of matches in Trove: 124

1. [A Study of koalas \(*Phascolarctos cinereus*\) in the Macleay Valley District: past, present and future](#)

Contributors: Standing, Vanessa

Date issued: 1989

2. [Chlamydial Disease of the Male Koala \(*Phascolarctos cinereus*\) Reproductive Tract](#)

Contributors: Hamdy Deif

Date issued: 2011

3. [Biology of the koala / edited by A.K. Lee, K.A. Handasyde & G.D. Sanson](#)

Contributors: Lee, Anthony K. (Anthony Kingston), 1933-

Date issued: 1991

4. [Koala : a historical biography / Ann Moyal ; associate: Michael Organ](#)

Contributors: Moyal, Ann, 1926-

Date issued: 2008

5. [Koala : origins of an icon / Stephen Jackson](#)

Contributors: Jackson, Stephen M. (Stephen Matthew), 1968-

Genbank

View all results - Items: 1 to 20 of 59117

Phascolarctos cinereus haplotype C D-loop, partial sequence; mitochondrial

626 bp linear DNA

Accession: GQ851933.1 GI: 259414663

PREDICTED: *Phascolarctos cinereus* uncharacterized LOC110204739 (LOC110204739), transcript variant X2, ncRNA

196 bp linear ncRNA, lncRNA

Accession: XR_002323406.1 GI: 1190465228

PREDICTED: *Phascolarctos cinereus* uncharacterized LOC110204739 (LOC110204739), transcript variant X1, ncRNA

890 bp linear ncRNA, lncRNA

Accession: XR_002323405.1 GI: 1190465227

PREDICTED: *Phascolarctos cinereus* uncharacterized LOC110204737 (LOC110204737), ncRNA

1,245 bp linear ncRNA, lncRNA

Accession: XR_002323404.1 GI: 1190465226

PREDICTED: *Phascolarctos cinereus* keratin-associated protein 9-1-like (LOC110204736), mRNA

555 bp linear mRNA

Accession: XM_020980818.1 GI: 1190465224

PREDICTED: *Phascolarctos cinereus* uncharacterized LOC110204735 (LOC110204735), transcript variant X2, ncRNA

Web Services



ALA's Web Services (119 and growing)

Web service API

The (nearly) complete listing of the web services for the ALA. Send complements/issues to support@ala.org.au. The webservices are listed by category. To list by application, [click here](#).

<http://api.ala.org.au>

[+ Expand All](#) [- Collapse All](#)

Species profile - Taxonomic name, concept lookups services

[Webservices change log](#)

Species lookup with GUID - <http://bie.ala.org.au/ws/species/{guid}.json>

[GET](#) [JSON](#) [JSONP](#)

Species search - <http://bie.ala.org.au/ws/search.json?q={q}&fq={fq}>

[GET](#) [JSON](#)

Species indexed fields - <http://bie.ala.org.au/ws/admin/indexFields>

[GET](#) [JSON](#)

Bulk species lookup - <http://bie.ala.org.au/ws/species/bulklookup.json>

[POST](#) [JSON](#) [DEPRECATED](#)

Bulk species lookup - revised JSON input - <http://bie.ala.org.au/ws/species/lookup/bulk>

[POST](#) [JSON](#)

Species download - <http://bie.ala.org.au/ws/download?q={q}&fq={fq}>

[GET](#) [CSV](#)

Bulk species lookup (GET) - <http://bie.ala.org.au/ws/guid/batch.json?q={q}>

[GET](#) [JSON](#)

Get higher classifications for GUID - <http://bie.ala.org.au/ws/classification/{guid}>

[GET](#) [JSON](#)

Bulk lookup by GUID - <http://bie.ala.org.au/ws/species/guids/bulklookup>

Species download - <http://bie.ala.org.au/ws/download?q={q}&fq={fq}>

[Edit](#)[Example](#)[Copy](#)[GET](#) [CSV](#)

JSON species download

q *	String	Query of the form field:value e.g. q=genus:Macropus or a free text search e.g. q=Macropus
fq	String	Filters to be applied to the original query. These are additional params of the form fq=INDEXEDFIELD:VALUE e.g. fq=rk_kingdom:Fungi. See http://bie.ala.org.au/ws/indexFields for all the fields that are queryable.
fields	String	A comma separated list of SOLR fields to include in the download. Fields can be included in the download if they have been stored. See index fields listing . Default fields: taxonConceptID,rank,scientificName,establishmentMeans,rk_genus,rk_family,rk_order,rk_class,rk_phylum,rk_kingdom,datasetName
file	String	The name of the file to be downloaded. Default: 'species.csv'

Examples

- Download data for Fabaceae

[Edit](#)

URL: <http://bie.ala.org.au/ws/download?fields=guid,parentGuid,kingdom,phylum,class,biOrder,family,genus,scientificName&q=family:Fabaceae>

[History](#)

Community Hubs

- Atlas of Prehistoric Australia (APA)
- Australian Microorganisms Information (AMRiN)
- Australian Moths Online (AMO)
- Australian Seed Bank Partnership (ASBP)
- Australia's Virtual Herbarium (AVH)
- Murray-Darling Basin Authority (MDBA)
- Ocean Biogeographic Information System (OBIS)
- Online Zoological Collections of Australian Museums (OZCAM)



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Australian Government



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Species

Browse by
Catchment

Browse by
Dataset

Browse by
Wetland

Browse by
MDA Plan Areas

Resources

Living Atlases

An open community created around the Atlas of Living Australia platform.

[GBIF OFFICIAL PROGRAM PAGES](#)

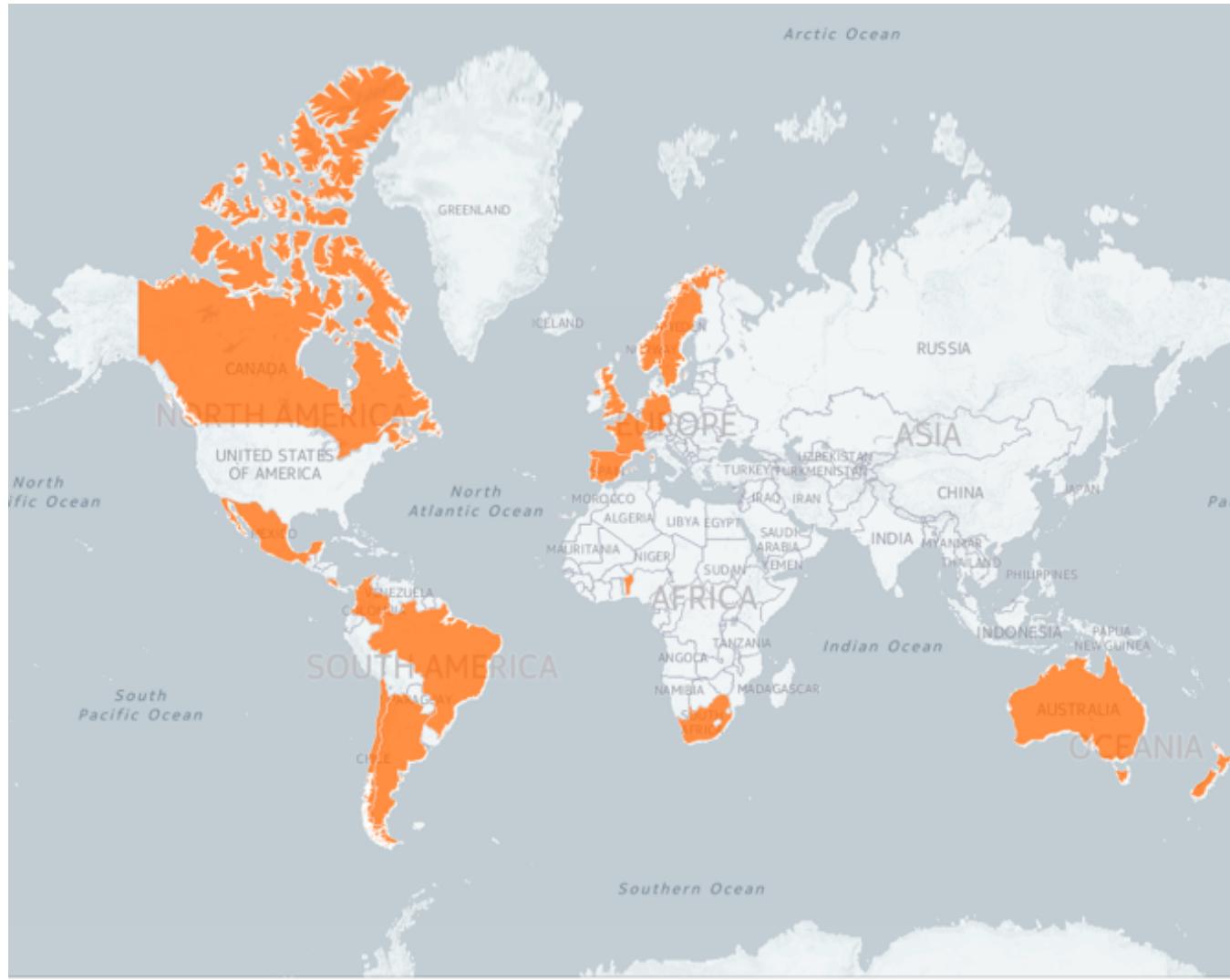
[View on GitHub](#) [Full Documentation](#) [Created by: Atlas of Living Australia](#)

Red Kangaroo, © John Sullivan, some rights reserved (CC BY-NC) via iNaturalist.org

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Introduction

As GBIF nodes, one of our goals is to highlight our publishers and their data. To achieve this, the Atlas of Living Australia ([ALA](#)) developed a huge open source platform with several modules re-usable by other organizations. Since 2013, the community around this tool has organized technical workshops to present ALA modules to other institutions that wanted to implement it, to improve already existing national data portals and to learn from each



Living Atlas Community

Australia
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Canada
Costa Rica
France
Germany
Mexico
New Zealand
Norway
Peru
South Africa
Spain
Portugal
Sweden
United Kingdom

3



Living Atlas Spain

gbif.es PORTAL DE DATOS DE BIODIVERSIDAD
 Nodo Nacional de Información en Biodiversidad

[INICIO](#) [INSTITUCIONES, COLECCIONES Y PROYECTOS](#) [JUEGOS DE DATOS](#) [DATOS GEOREFERENCIADOS](#) [BUSCAR](#) [WWW.GBIF.ES](#) [AYUDA](#) [EXPLORAR POR ÁREA](#)

 Aprende **cómo** consultar datos de biodiversidad.

Buscar en el portal de datos [Búsqueda avanzada](#) 

Instituciones, colecciones y proyectos

Información de todas las entidades españolas que publican datos en GBIF (p.ej.: descripción, contacto, registros en línea, portal institucional).

Juegos de datos

Información de los juegos de datos de las instituciones y proyectos participantes en GBIF, detalles de los registros, licencias de uso, citación...

Datos georreferenciados

Mapa de los registros con coordenadas. Filtre, visualice y descargue los datos por nombre científico, grupo taxonómico, área geográfica...

CONTACTO
GBIF España. Unidad de Coordinación
Real Jardín Botánico - CSIC
C/ Claudio Moyano, 1
28043 MADRID - España

SERVICIOS
Publicación y alojamiento de datos: IPT
Alojamiento de imágenes
Formación

REGISTROS: 16.861.387
JUEGOS DE DATOS: 234
INSTITUCIONES: 89

Citizen Science Hubs

- Biocollect - Citizen Science portal
- BowerBird – Moderated/assisted identifications
- DigiVol - Transcribing historical museum records and images

BioCollect

Advanced data collection for biodiversity projects

What is 'BioCollect'?

BioCollect is a sophisticated, yet simple to use tool developed by the Atlas of Living Australia (ALA) in collaboration with over 100 organisations which are actively involved in field data capture. It has been developed to support the needs of scientists, ecologists, citizen scientists and natural resource managers in the field-collection and management of biodiversity, ecological and natural resource management (NRM) data. The tool is developed and hosted by the ALA and is **free for public use**.

BioCollect provides form-based structured data collection for:

1. ad-hoc survey-based records;
2. method-based systematic structured surveys; and
3. activity-based projects such as natural resource management intervention projects (eg. revegetation, site restoration, seed collection, weed and pest management, etc.).

It also supports upload of unstructured data in the form of data files, grey literature, images, sound bytes, videos, etc.

The system is fully integrated with other Atlas tools and we are currently working to enable seamless linkages with



BioCollect
Enabling Citizen Science Projects
[BioCollect for Citizen Science >
Citizen Science Central](#)

Supporting systematic scientific research data collection
[BioCollect for Ecological Science >](#)

Advancing Natural Resource Management
[BioCollect for NRM >](#)

coming soon - not yet available

Thematic Hubs
[BioCollect Hubs >](#)

Organisation Project Portfolios
[Search organisations >](#)

Page contents:

What is 'BioCollect'?

To find out more, please contact support@ala.org.au

Enabling Citizen Science Projects

Features & Benefits:

Supporting Systematic Scientific Research Data Collection

Linkages with TERN/AEKOS

Features & Benefits:

Advancing Natural Resource Management

Features & Benefits:

Project portfolios for organisations

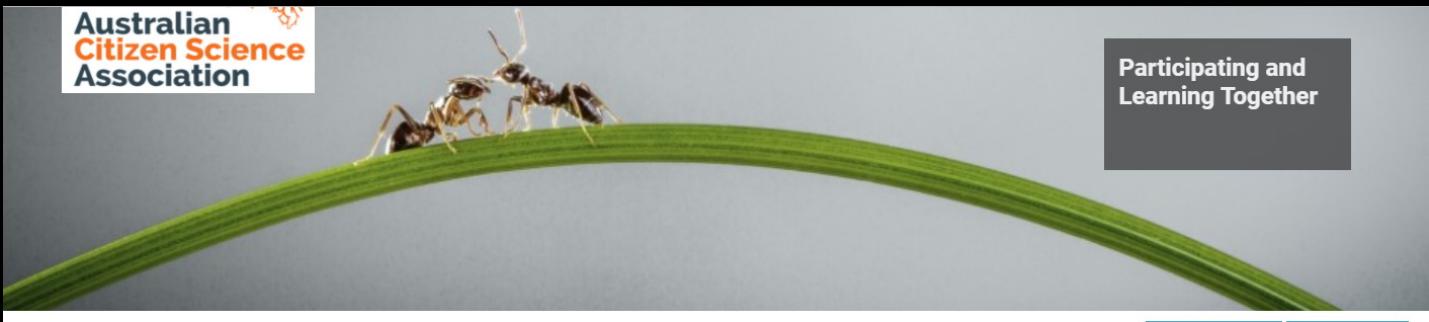
Features & Benefits:

Going mobile with BioCollect apps

Link your own mobile app to your BioCollect project

BioCollect Apps

OzAtlas Apps.



Australian Citizen Science Association

Participating and Learning Together

Australian Citizen Science Project Finder

Sort by: Most recent Name Relevance Organisation Projects per page: 20 50 100 500 Projects from: Australia Global

Getting started | What is this?

Filter results

Refine | Clear all

+ Status

+ Tags

+ Difficulty

+ Science Type

+ Countries

+ UN Regions

+ Source System

Geographic filter

Showing 1 to 20 of 526 projects.

1 2 3 4 5 6 7 >



Goanna Watch

GOANNA WATCH

Started 2.1 years ago
Discovery Circle
Goannas are the last remaining large, native, terrestrial predators in southe...
Status: Project Ongoing



EYRE PENINSULA'S BIRD MONITORING PROGRAM

Started 12.7 years ago
Eyre Peninsula Natural Resources Management Board
Help us to build a more comprehensive understanding of the amazing ecosystems...
Status: Project Ongoing



Nature of Eyre Peninsula Bioblitz

NATURE OF EYRE PENINSULA BIOBLITZ

Started 16 days ago
Eyre Peninsula Natural Resources Management Board
Engage the community and record



BIOCONTROL OF HARRISIA SPP.

Started 97.8 years ago
Australian BioControl Hub
Record observations of Harrisia spp. biocontrol agents and help implement Har...



Goanna Watch

Discovery Circle

Goanna
Watch

About Blog Resources Surveys Data

Visit us at <http://www.discoverycircle.org.au/projects/goanna-watch/>



About the project

Aim

Goannas are the last remaining large, native, terrestrial predators in southern South Australia, and they need our help. You can gather valuable information needed on goannas in South Australia. This information is vital for the development of management strategies to address the loss of goannas.

Description

Get Involved!

If you see a goanna in South Australia, please let us know where you saw it. Goannas are shy, so do not approach or disturb them. Do not disturb the habitat either, just make a note of the location and, if possible, take a photo. You can then submit your sighting online. Be careful: do not chase, catch or handle goannas. Ensure your personal safety at all times, particularly if you see a goanna on a road. And if you see an injured goanna, call the Fauna Rescue hotline on 8289 0896.

Program name

You can participate in this project in

Other ALA-Developed Tools

- ALA4R – R library for access to ALA data and tools
- Fishmap - Find Australian marine fishes by location and depth
- MERIT - Reporting tool for Federal funded environmental projects
- Mobile data collection apps
- ZoaTrack – Animal movement portal

ALA4R

Access from R to
ALA data and tools

Finding height information

The ALA4R `species_info` function returns an information profile about a species or taxon, including free-form descriptive text. For plants, this may include information about the height, using phrasing such as "tree up to 90 metres", "grows to 15 metres", "may reach 30 - 40 metres in height", or "growing to a maximum height of 4 metres".

Although this is free-form text, these particular phrases are consistent enough that we can write some fairly simple pattern-matching routines to find and extract them.

Method

The full R code can be [found here](#). Briefly:

First, we download a gridded matrix of eucalypt data across Australia, using the `sites_by_species` function. This returns a data frame where each row is a site (grid cell) and each column corresponds to a particular eucalypt species (or sub-species, or variety):

```
ss=sites_by_species("genus:Eucalyptus",wkt="POLYGON((110 -45,155 -45,155 -10,110 -10,110 -45))",gridsize=0.5)
```

A fragment of this data frame might look something like:

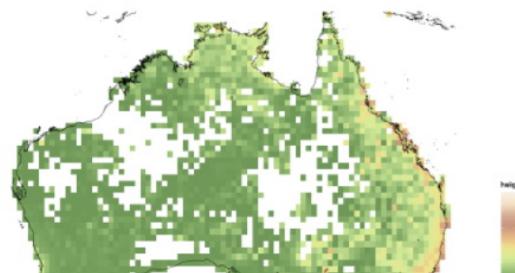
longitude	latitude	eucalyptusSocialis	eucalyptusGlobulus	eucalyptusCamaldulensis
134.75	-33.75	16	0	0
135.25	-33.75	28	1	0
135.75	-33.75	47	0	0
136.25	-33.75	49	0	3
136.75	-33.75	63	1	0

Now for each species, we can pass its identifier ("guid") to the `species_info` function, and then extract height information from each species profile using our set of text searches. It's then a straightforward matter to check each grid cell of our sites-by-species matrix and calculate the mean height of the species present in each cell.

Results

We find that only 13% of our eucalypts have height information (142 out of a total of 1080 taxa). However, many of those that are missing this information are rarely recorded – 38% of all eucalypt occurrence records (228689 of 604902) are associated with a taxon for which we have height information. This isn't great (perhaps we could improve it by searching other sources of height information) but it will serve for our purposes.

The map of the mean eucalypt height across Australia shows that tall eucalypts (20m or more) are typically found on much of the east coast, southern Victoria, Tasmania, south-western Western Australia, and other parts of New South Wales and Queensland.





fishmap

 find Australian marine fishes

Search

Select depth, fish group and location and press the 'Search' button below or use the [advanced search](#).

Depth

Fish group

Locality

Distance from locality 50km

Search **Clear**

Search results

Search found **6** species in **1** families.

[View results by:](#)

[family list](#) | [species list](#) | [species data](#)

For the query: Australia, coastal/shallow water (0-40m), boarfishes [show full query](#)



This tool searches 'compiled distributions' for marine fishes inhabiting Australia's continental shelf and slope waters. These are maps of the areas where a species may be expected to be found (rather than searching only collection or observation records which have false absences, and may contain identifications that are out of date). The maps are developed by a person or persons with expert knowledge of the group. Read more [here](#).

Mobile Apps

OzAtlas BioCollect

Going mobile with BioCollect apps



The Atlas of Living Australia is developing **Android and Apple iOS mobile apps to complement the BioCollect web interface and to support in-situ collection of data in the field.**

These apps will provide the same functionality as the BioCollect website, but will also use device features such as the camera, microphone, GPS, etc. to improve usability and data recording efficiency in the field. The apps will also work in offline mode and will support pre-downloading of maps and taxonomy for when you are intending to work in an area with little or no internet connectivity.

A user configurable setting will allow data collected via the apps to be automatically transmitted to the database when the device has a phone or wireless internet connection.

Link your own mobile app to your BioCollect project

Some organisations require specialised apps for

Check out the first version of our BioCollect mobile apps.

BioCollect Apps



OzAtlas Apps.



The first version of our BioCollect and OzAtlas mobile apps were released in July 2017. This is enough to get you started, but we know that more is needed.

Enhancements and new features for the apps are still being developed and updates will be available via the app stores in the usual way.

If you have something positive to say, please comment via the store. If you'd like to provide adverse comments or constructive suggestions for improvements or new

Page contents:

What is 'BioCollect'?

To find out more, please contact support@ala.org.au

Enabling Citizen Science Projects

Features & Benefits:

Supporting Systematic Scientific Research Data Collection

Linkages with TERN/AEKOS

Features & Benefits:

Advancing Natural Resource Management

Features & Benefits:

Project portfolios for organisations

Features & Benefits:

Going mobile with BioCollect apps

Link your own mobile app to your BioCollect project

BioCollect Apps

OzAtlas Apps.

Features & Benefits:

MERIT



Australian Government

MERIT

G'day Lee Belbin

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Administration

Search MERIT



REEF



15,355^{ha}

HIGH-VALUE REEF TREATED FOR
CROWN OF THORNS STARFISH

NATIONAL LANDCARE PROGRAMME



30 Projects

THAT SUPPORT WORLD
HERITAGE AREAS

NATIONAL LANDCARE PROGRAMME



89 Projects

SUPPORTING SUSTAINABLE
AGRICULTURE

NATIONAL LANDCARE PROGRAMME



146 Projects

USING INDIGENOUS ECOLOGICAL
KNOWLEDGE

GREEN ARMY



150,105^{ha}

MANAGED FOR WEEDS BY GREEN
ARMY TEAMS

ALL PROGRAMMES



10,115,941^{ha}

TREATED FOR FELIS CATUS

Show more stats

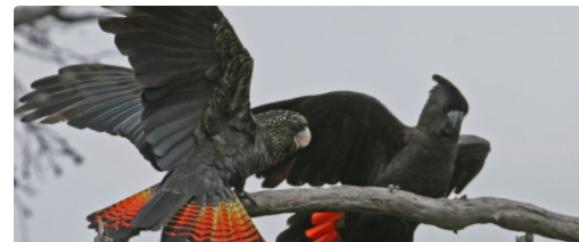
Latest news



Frogs Back Home – Thanks to 20 Million Trees

Greening Australia and Parks Victoria made a great discovery during recent monitoring of the Gippsland Lakes 20 Million Trees site in Victoria. Calls were recorded for two nationally listed frogs in adjoining wetland. This was a first for the Growling Grass Frog (*Litoria raniformis*), never before recorded at the site. It had also been some time since the

10th Aug 2017



Project Explorer

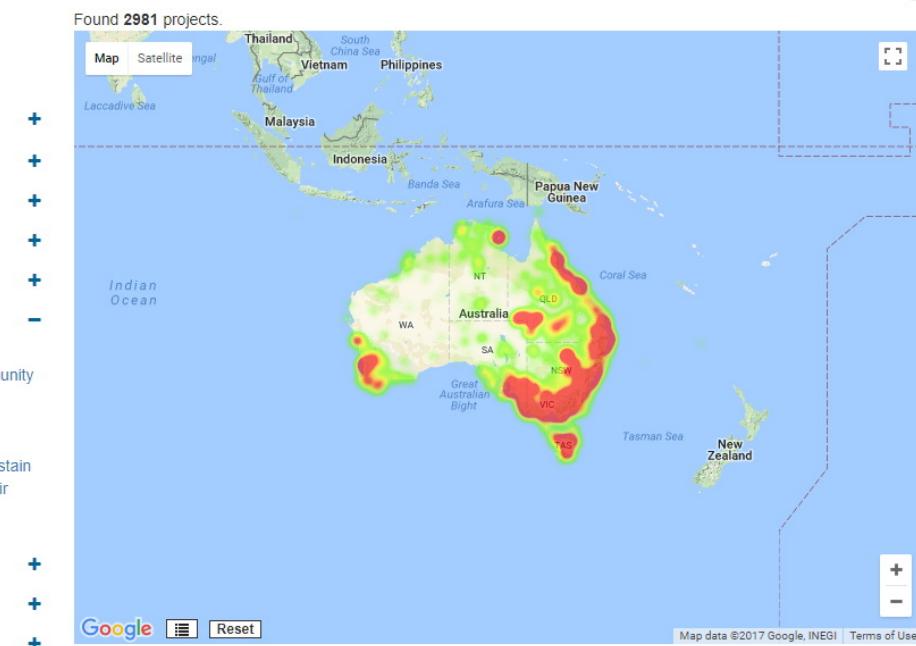
Use the facets on the left to narrow the selection of projects on the map

MAP

Filter results

[▼ Refine](#) [Clear all](#)

[Project Dates](#) ?



[Project Status](#)

[Organisation](#)

[Program](#)

[Sub Program](#)

[Reporting Theme](#)

- Biodiverse plantings (231)
- Building natural resource management community skills, knowledge and engagement (173)
- Communities are involved in caring for their environment (483)
- Communities are managing landscapes to sustain long-term economic and social benefits from their environment (281)

[choose more...](#)

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[LGA](#)

[Major Vegetation Group](#)

[Biogeographic Regions](#)

[Marine Regions](#)

[Other Regions](#)

[Federal Electorates](#)

[CMZ](#)

[Assets Addressed](#)

[Partner Organisations](#)

2981 projects with 18947 sites

Yellow Crazy Ant Eradication in and Next to the Wet Tropics World Heritage Area

Overview Documents MERI Plan Activities Sites Dashboard Admin

This plan has been approved

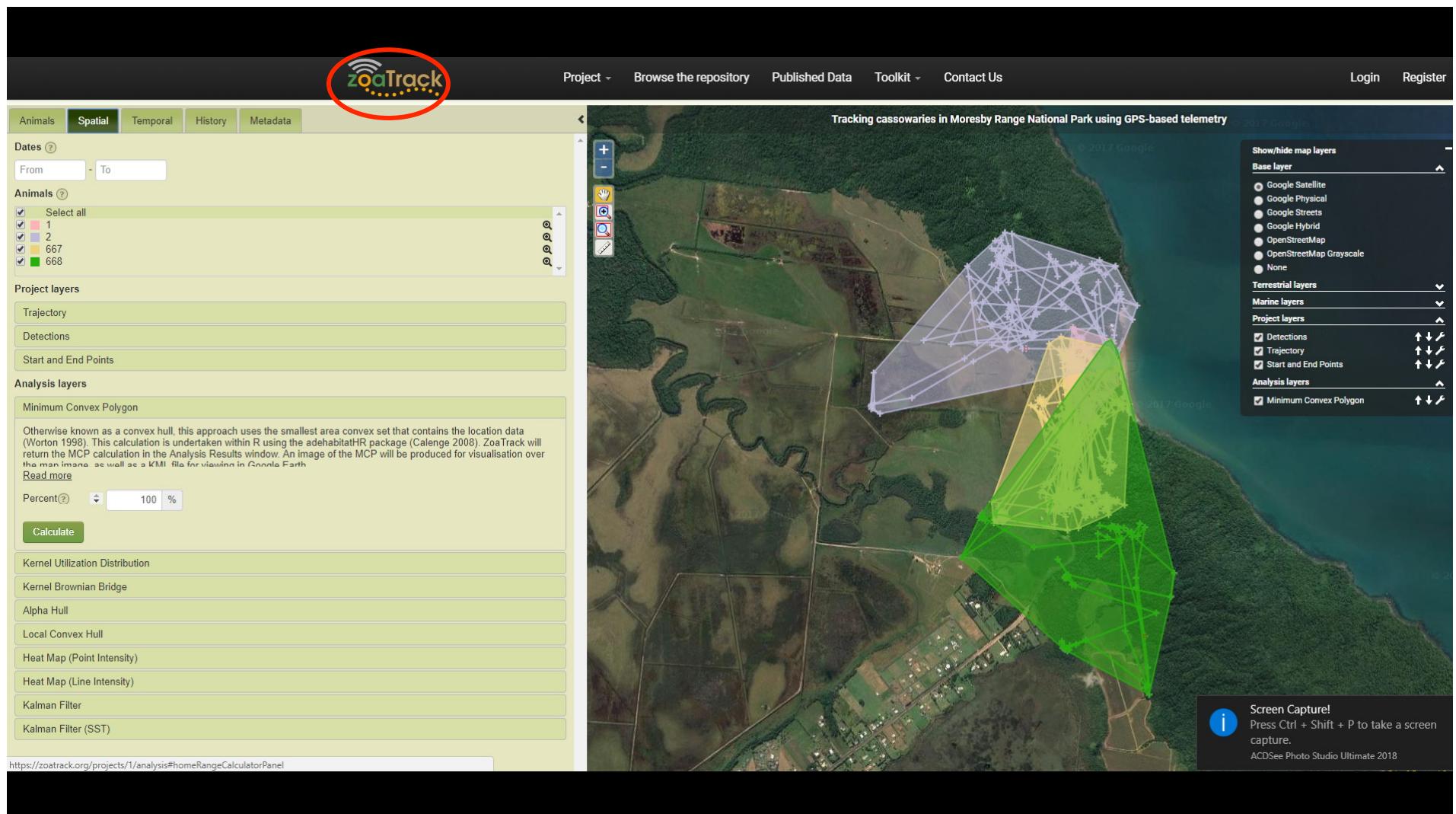
Planned Activities

Tabular Gantt chart Project Summary

Planned Activities			
Stage	From	To	Status
Stage 1	01-07-2013	01-01-2014	Report Approved Withdraw approval
Stage 2	01-01-2014	01-07-2014	Report Approved Withdraw approval
Stage 3	01-07-2014	01-01-2015	Report Approved Withdraw approval
Stage 4	01-01-2015	01-07-2015	Report Approved Withdraw approval
Stage 5	01-07-2015	01-01-2016	Report Approved Withdraw approval
Stage 6	01-01-2016	01-07-2016	Report Approved Withdraw approval
Stage 7	01-07-2016	01-01-2017	Report Approved Withdraw approval
Stage 8	01-01-2017	01-07-2017	Report submitted

Actions	From	To	Description	Activity	Site	Status
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 1: Meet contractual reporting responsibilities as per Funding Agreement	Project Administration		finished
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 2: Plan and implement community activity (relating to delivery of 1 community activity to engage and..)	Community Participation and Engagement	YCA Russet Park - TA6	finished
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 3: Publish Workshop booklet (relating to development of 1 communication product developed to promo..)	Community Participation and Engagement		cancelled
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 4: Plan and implement community activity (relating to delivery of 1 indigenous focussed community acti..)	Community Participation and Engagement		finished
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 5: Develop and promote communication product (relating to development of 1 communication product ..)	Community Participation and Engagement		finished
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 6: Continue (if necessary) ground-baiting treatment (relating to 400 ha yellow crazy ant infestation are..)	Pest Management	Russett Park	finished
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 7: Continue (if necessary) monitoring and surveys (relating to 400 ha yellow crazy ant infestation area ..)	Pest Animal Survey	Russett Park	finished
<input checked="" type="checkbox"/>	01-01-2017	30-06-2017	Activity 8: Project webpage updated and promoted	Community Participation and Engagement		finished





Ahead

- Collaboration with other national facilities
- Collaboration with Living Atlas sites
- New data streams: Species trait data
- More analytics: SoER and Ecosystems Services
- ALA-GBIF-iDigBio ‘alignment’

Thank You

