

# Atlas of Living Australia (ALA)

The screenshot shows the ALA website interface. At the top, there is a navigation bar with the ALA logo, "Atlas Of Living Australia", "ALA Apps", "ALA Info", a search bar with "Search the Atlas" and a "Search" button, and "User settings". Below the navigation bar is a large purple abstract image with a search bar overlaying it, containing "Search the Atlas ..." and a "Search" button.

The main content area is titled "Explore the Atlas of Living Australia" and features several interactive cards:

- Australia's species:** Search for Australian flora and fauna species by common, scientific name or search by category. Includes a "Browse species" button and an image of a frog.
- Species by location:** Search by pre-defined region, or enter an address or location to find the recorded species nearby. Includes a "Browse locations" button and an image of a diver.
- Collections:** Learn about the institution, the collections they hold and view records of specimens that have been databased. Includes a "Browse collections" button and an image of insect specimens.
- Sharing biodiversity knowledge:** Contributed by Australia's academic, scientific, environmental communities and you. Includes a "Get involved" button.
- Mapping & analysis:** Includes an image of plant roots.
- Data sets:** Includes an image of a bird colony.
- ALA Community:** Includes an image of a starry night sky.
- Blog & News Updates:** Includes a "View all" link and a list of updates: "NSW South Coast: December 2015 BioBlitz" and "PhyloLink to be launched".

# Atlas of Living Australia (ALA)

- Australian Government unter NCRIS (National Research Infrastructure for Australia)
- klein angefangen, aber 2009 wurden 30 Millionen australische Dollar von der Regierung bereit gestellt
- Atlas arbeitet mit GBIF (Global Biodiversity Information Facility) zusammen
- Webseite ist lizenziert unter der Creative Commons Attribution 3.0 Australia License
- für die Datenprovider gelten aber auch die eigenen Nutzungsbedingungen, wenn diese sich von den Nutzungsbedingungen des Atlas unterscheiden

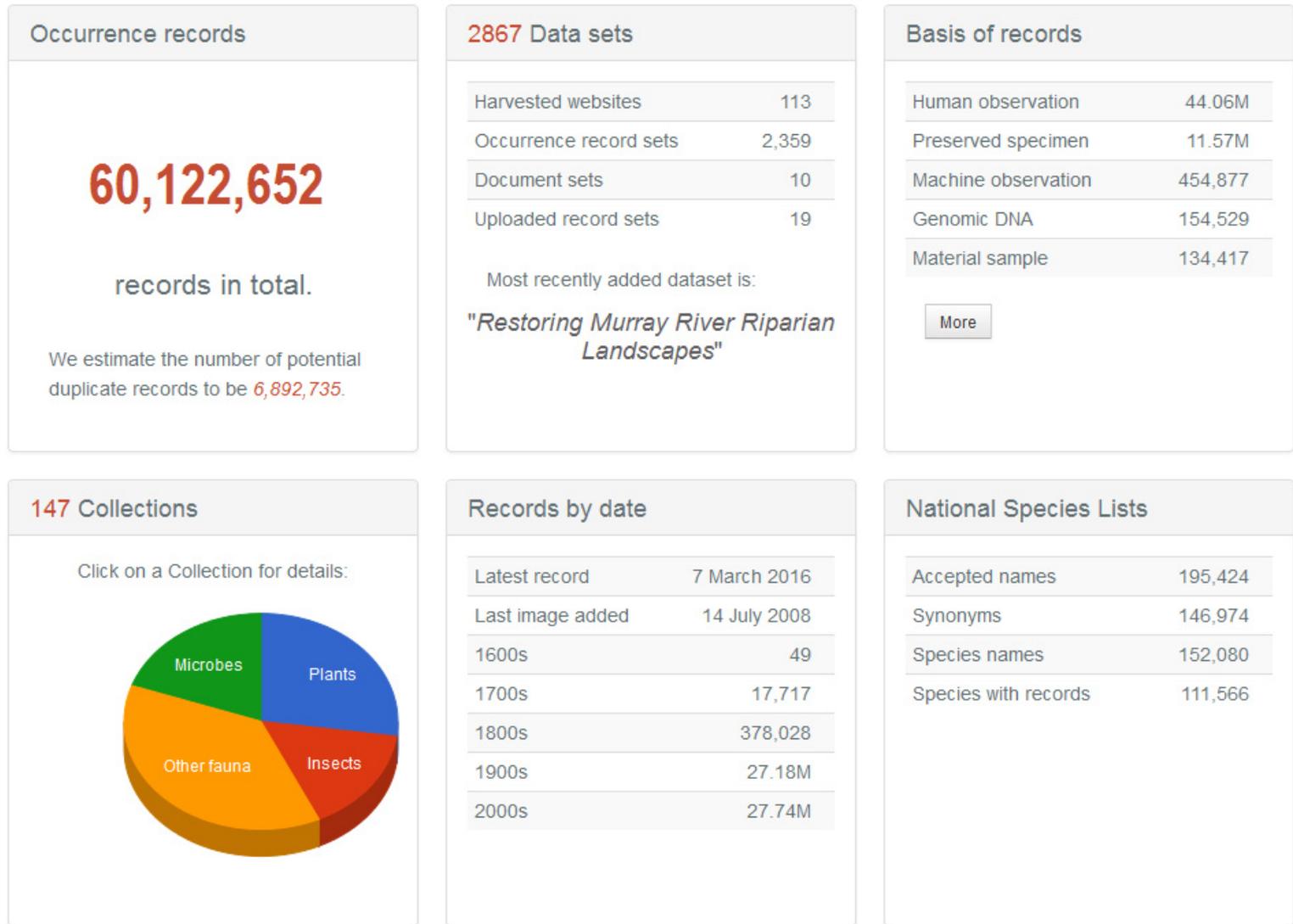
# Atlas of Living Australia (ALA)

- aktuell 141 Citizen-Science-Projekte gelistet
- davon sind 99 Projekte aktiv
- 42 Citizen-Science-Projekte abgeschlossen
- neue Projekte können mit Hilfe des ALA initiiert werden
- durchführen von BioBlitz Projekten
  - Bio = Leben
  - Blitz = mache es schnell und intensiv
  - BioBlitz = finde und sammle innerhalb kürzester Zeit so viele Lebewesen wie möglich

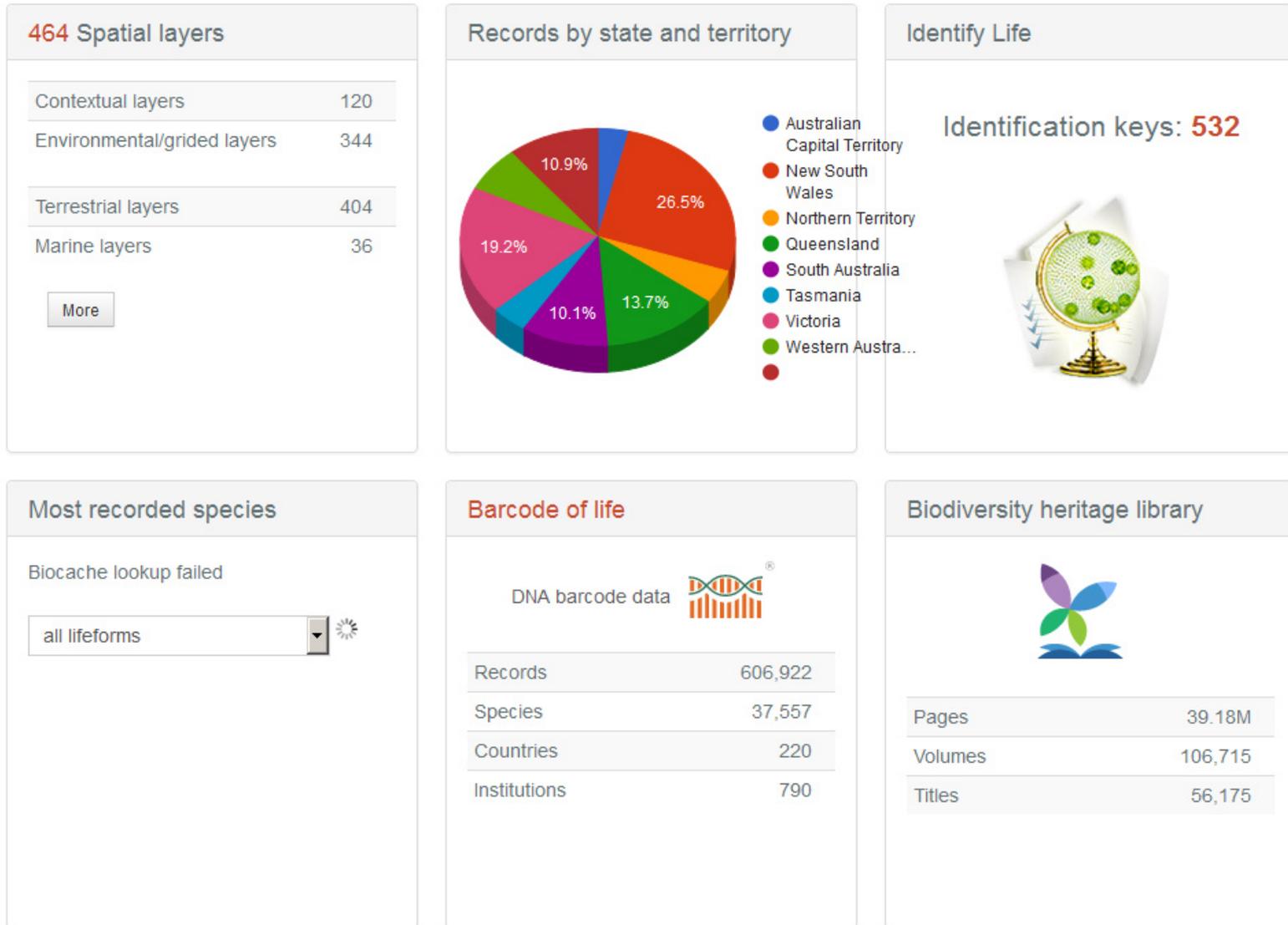
# Atlas of Living Australia (ALA)

- z.Zt. über 60,1 Millionen Einträge
- über 12000 aktive User seit 2010
- Abfrage von 113 Internetseiten
- Dashboard mit relevanten statistischen Daten zur Nutzung der Plattform [1]
- Web service API mit JavaScript Object Notation (JSON) und Extensible Markup Language (XML) Schnittstellen [2]
- Mobile Version of Atlas [3]
- erweiterte Suche nach Einträgen [4]

# Dashboard [1]



# Dashboard [1]



# Web service API [2]

## Web service API

The (nearly) complete listing of the web services for the ALA. Send complements/issues to [support@ala.org.au](mailto:support@ala.org.au).

The webservices are listed by category. To list by application, [click here](#).

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

### Species profile - Taxonomic name, concept lookups, autocomplete services

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}>

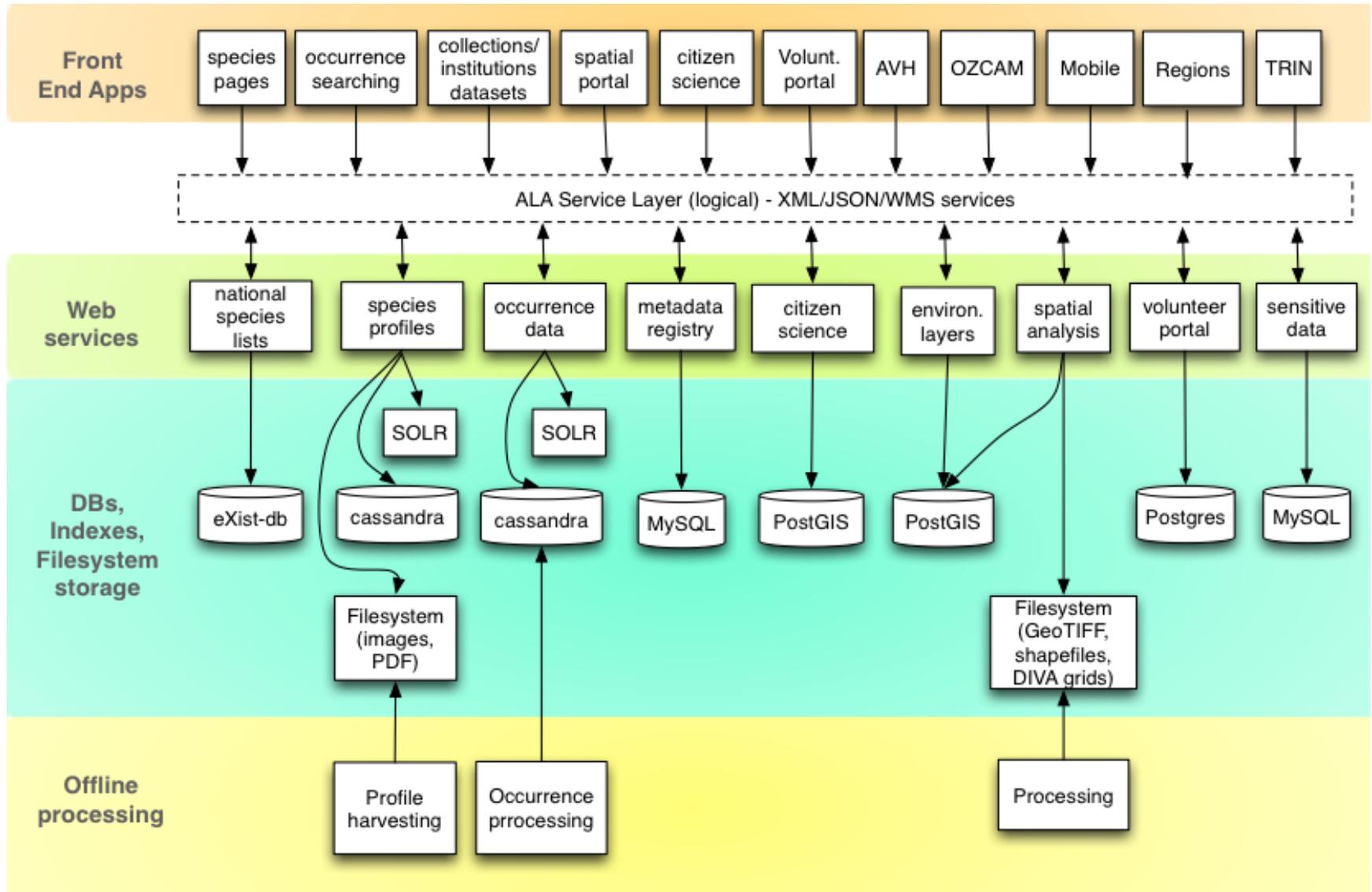
[GET](#) [JSON](#)

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

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

### Occurrence - Specimen & observation data searching

# ALA IT Infrastructure [2]



# Mobile Version (Android und iOS) [3]

**OzAtlas**  
Atlas of Living Australia [Lernen](#) ★★★★★ 22   
Nicht bewertet

[Zur Wunschliste hinzufügen](#) [Installieren](#)

**Species search**  
kangaroo    
Lumholtz's Tree-kangaroo  
*Dendrolagus lumholtzi*  
Eastern Grey Kangaroo  
*Macropus giganteus*  
Mangles Kangaroo Paw  
*Anigozanthos manglesii*  
Buddia  
*Eremophila duttonii*  
Emu Apple  
*Owenia acidula*  
Short-beaked Echidna  
*Tachyglossus aculeatus*

**OzAtlas - Atlas of Living Australia**  
Record a sighting  
Species search  
Explore Your Area  
About the Atlas

**Explore Your Area**  
10km  
VIEW SPECIES FOR AREA

Beschreibung mit Google Übersetzer in Deutsch übersetzen?

The Atlas of Living Australia (Atlas) is a national initiative to bring together rich information about

# Suchfunktion [4]

[Advanced search](#)

## Occurrence records

abies alba

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27 results for **text:abies alba**

per page:  sort:  order:

**Family: Pinaceae** Country: New Zealand  
Institution: Scion Collection: National Forestry Herbarium Basis Of Record: Preserved Specimen Catalog Number: NZFRI:NZFRI 8454 [View record](#)

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**Family: Pinaceae**  
Institution: Scion Collection: National Forestry Herbarium Basis Of Record: Preserved Specimen Catalog Number: NZFRI:NZFRI 6507 [View record](#)

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**Family: Pinaceae** Date: 1998-11-21 Country: New Zealand  
Institution: Landcare Research NZ Ltd Collection: Allan Herbarium Basis Of Record: Preserved Specimen Catalog Number: CHR:CHR 532530 A [View record](#)

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**Family: Pinaceae** Date: 1998-11-21 Country: New Zealand  
Institution: Landcare Research NZ Ltd Collection: Allan Herbarium Basis Of Record: Preserved Specimen Catalog Number: CHR:CHR 532530 B [View record](#)

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**Family: Pinaceae** Country: New Zealand  
Institution: Auckland War Memorial Museum Collection: Auckland War Memorial Museum Herbarium Basis Of Record: Preserved Specimen Catalog Number: AK:AK103560 [View record](#)

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**Family: Pinaceae** Date: 1989-02-26 Country: Ireland  
Institution: Landcare Research NZ Ltd Collection: Allan Herbarium Basis Of Record: Preserved Specimen Catalog Number: CHR:CHR 464298 [View record](#)

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**Family: Pinaceae** Country: New Zealand  
Institution: Auckland War Memorial Museum Collection: Auckland War Memorial Museum Herbarium Basis Of Record: Preserved Specimen Catalog Number: AK:AK162980 [View record](#)

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**Family: Pinaceae** Country: New Zealand  
Institution: Auckland War Memorial Museum Collection: Auckland War Memorial Museum Herbarium Basis Of Record: Preserved Specimen Catalog Number: AK:AK154298 [View record](#)

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**Family: Pinaceae** Country: New Zealand  
Institution: Scion Collection: National Forestry Herbarium Basis Of Record: Preserved Specimen Catalog Number: NZFRI:NZFRI 6867 [View record](#)

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**Family: Pinaceae** Country: New Zealand

Narrow your results

- Taxon**
- Identification**
- Location**
- Occurrence**
- Attribution**
  - Collection
    - National Forestry Herbarium (9)
    - Australian National Herbarium (6)
    - Allan Herbarium (4) [choose more...](#)
  - Institution
    - Scion (9)
    - Centre for Australian National Biodiversity Research (6)
    - Auckland War Memorial Museum (4) [choose more...](#)
  - Data provider
    - Australia's Virtual Herbarium (10) [choose more...](#)
  - Data resource
    - New Zealand Virtual Herbarium (17)
    - Australia's Virtual Herbarium ... [choose more...](#)

# Suchfunktion [4] mit Karte

Occurrence records Advanced search

Macropodidae Quick search

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Customise filters 416.543 results for FAMILY: MACROPODIDAE

Records Map Charts Record images

View in spatial portal Download map

Colour by: Record type Size: 4 Opacity: 0.8 Outline:

**Narrow your results**

- ▶ Taxon
- ▶ Identification
- ▶ Location
- ▶ Occurrence
- ▶ Record
- ▶ Assertions

**Attribution**

**User**

- Danny Dasyurus (161)
- Arthur Chapman (78)
- Janine Duffy (21)
- Gerry Maynes (14)
- [choose more...](#)

**Collection**

- Australian National Wildlife Collection (11.158)
- Australian Museum Mammalogy Collection (6.021)
- Western Australian Museum
- [choose more...](#)

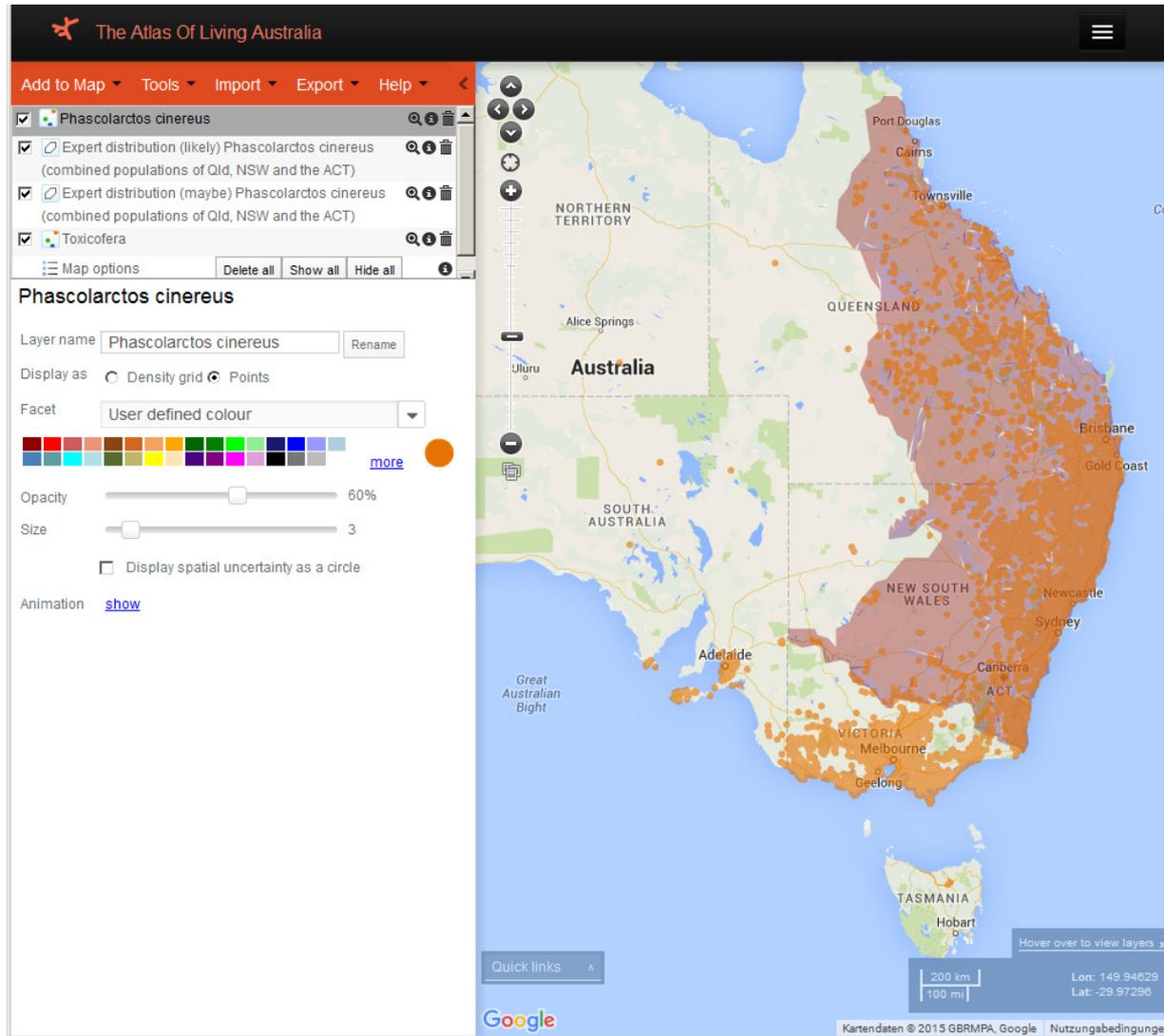
**Institution**

- Commonwealth Scientific and Industrial Research Organisation (11.158)
- Australian Museum (6.109)
- Museum Victoria (3.892)
- [choose more...](#)

**Data provider**

Leaflet | Map data © OpenStreetMap, imagery © CartoDB

# Webmapping Portal



# Atlas of Living Australia (ALA)

- stellt eine Vielzahl von Funktionen bereit
- einzelne Funktionalitäten können in andere Portale integriert werden
- Projekte können innerhalb der ALA Infrastruktur ihre eigene Projektseite bilden (inkl. sandbox)
- ALA IT Infrastruktur kann auch in anderen Ländern aufgesetzt werden (Spanien, Portugal, Argentinien, Frankreich, Belgien, Schottland)
- alles OpenSource
- bietet ein data quality framework zur Validierung der Daten
- <http://www.ala.org.au>
- <http://spatial.ala.org.au>

# Zusammenfassung

Der Atlas of living Australia ist eine Schnittstelle zur Erfassung von Biodiversität in Australien. Er ist ein Einstiegsportal und stellt eine Vielzahl von Werkzeugen zur Verfügung, ohne in die eigentliche Arbeit der Verbände/Projekte einzugreifen. Dadurch bleibt die Souveränität der Projekte erhalten. Bei Bedarf können Teile seiner Infrastruktur für andere Portale verwendet werden. Er kann auch als völlig eigenständiges System auf anderen Servern aufgesetzt werden.

Der ALA ist ein Dienstleistungsportal.