

Leveraging Integrated Spatial Biological and Environmental Data in the Atlas of Living Australia

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The ALA is made possible by contributions from its many partners. It receives support through the Australian Government through the National Collaborative Research Infrastructure Strategy (NCRIS) and is hosted by CSIRO.



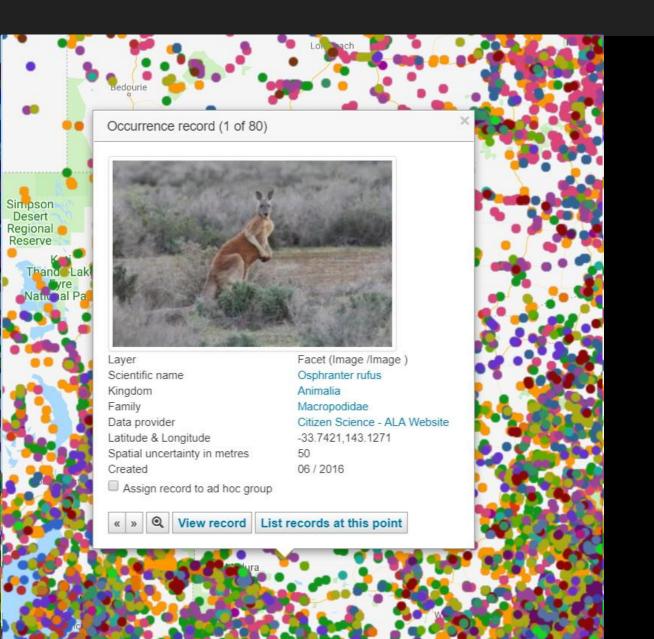
As Harry Truman said (and John often quoted)-

"It is amazing what you can accomplish if you do not care who gets the credit"

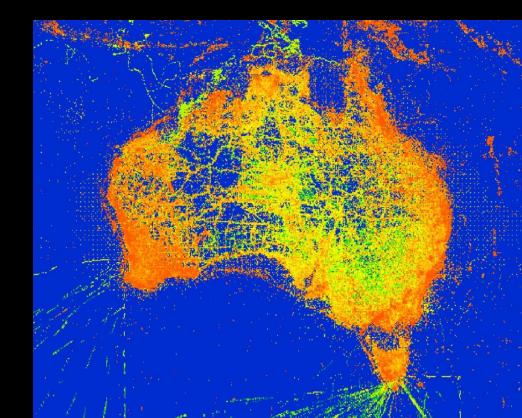


John LaSalle





The Atlas of Living Australia is a repository of observations of living things and related data in our region





Occurrence records

77,179,519

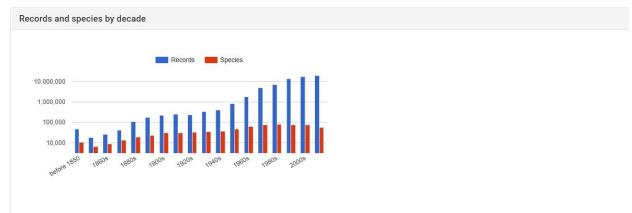
records in total.

We estimate the number of potential duplicate records to be 813,940.









Contextual layers 134 Environmental/grided layers 344 Terrestrial layers 418 Marine layers 36 More

21-1	W
Status	# species
Endangered	2,754
Near Threatened	5,040
Least Concern/Unknown	349
Listed under FFG Act	C
Extinct	111

,053 Data sets	
Institutions	311
Collections	212
Data Resources	5,515
• Data Available	676
Description only	4,839
Species List sets	1,414
Harvested websites	124



So what?

"Progress is measured by the speed at which we destroy the conditions that sustain life."



George Monbiot

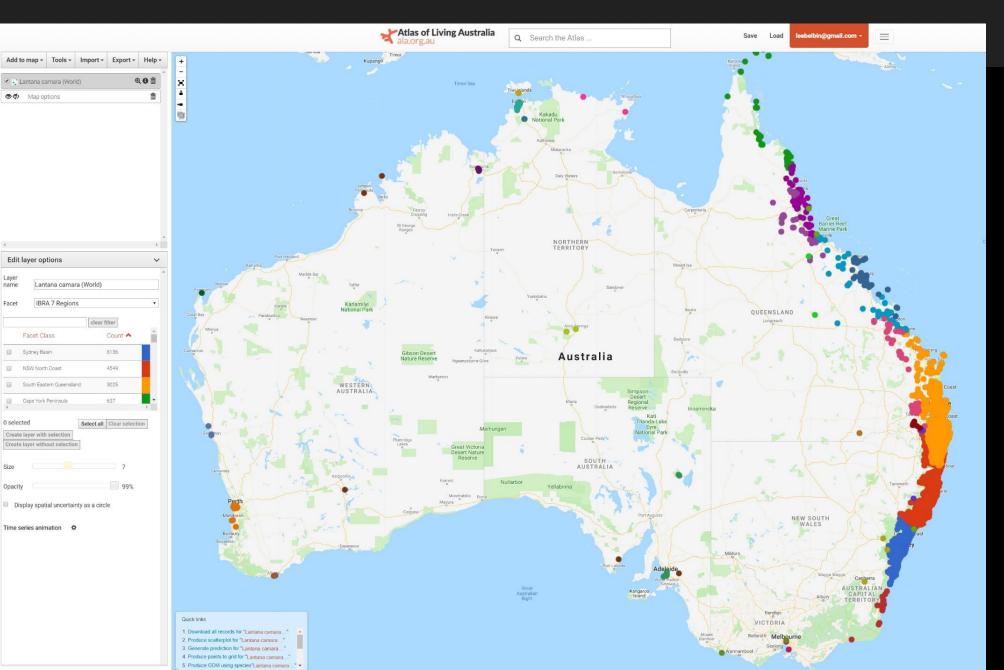




If we don't know what makes up our environment, how can we sustain it?

Lee Belbin ©





Lantana camara (World) Map options

Edit layer options

Facet Class

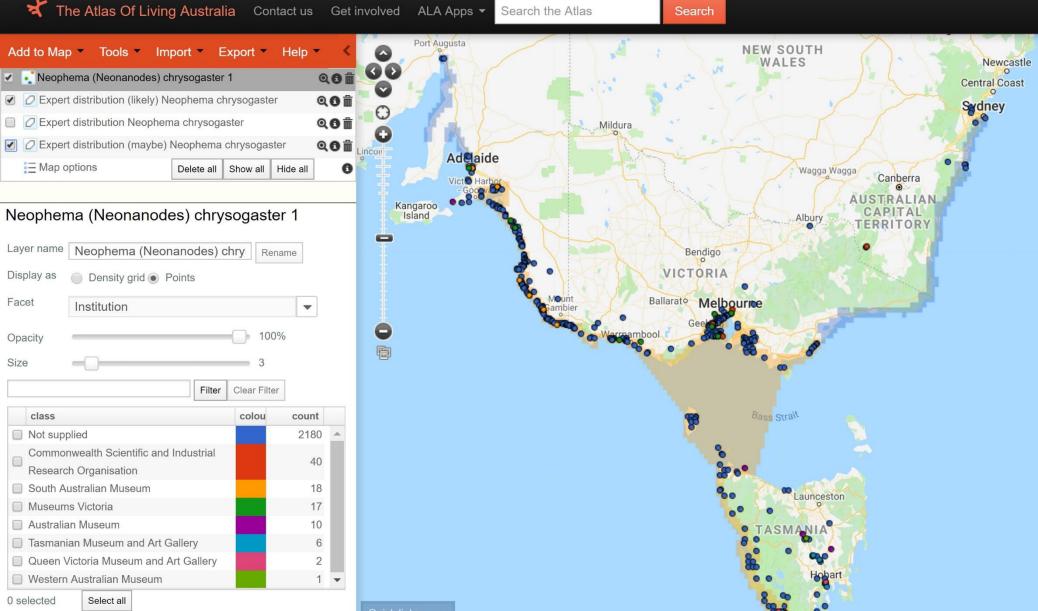
Sydney Basin

NSW North Coast

Time series animation 🌣

Invasive Species



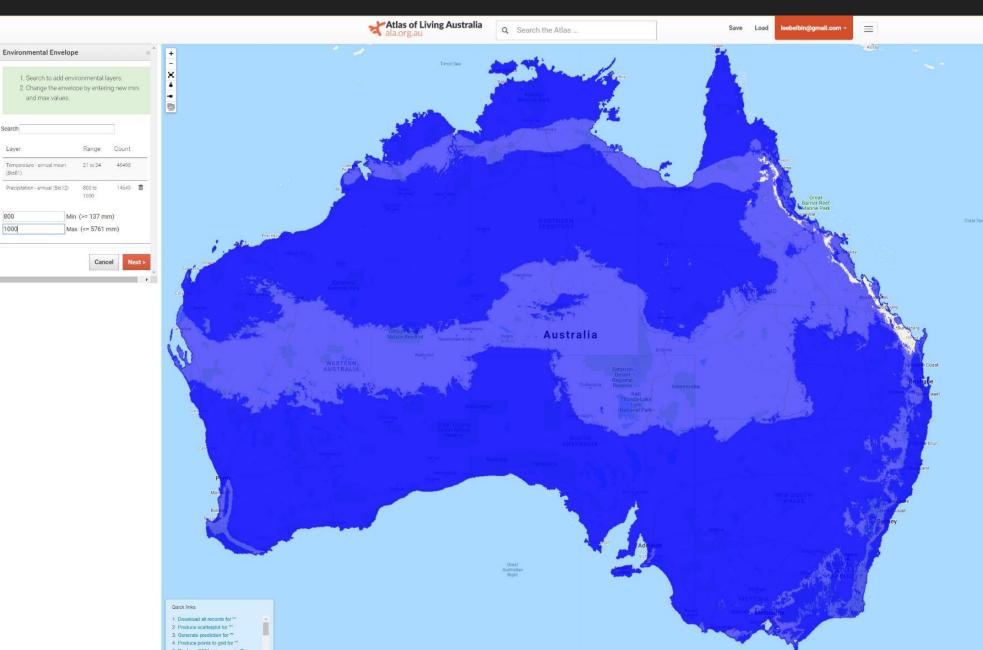


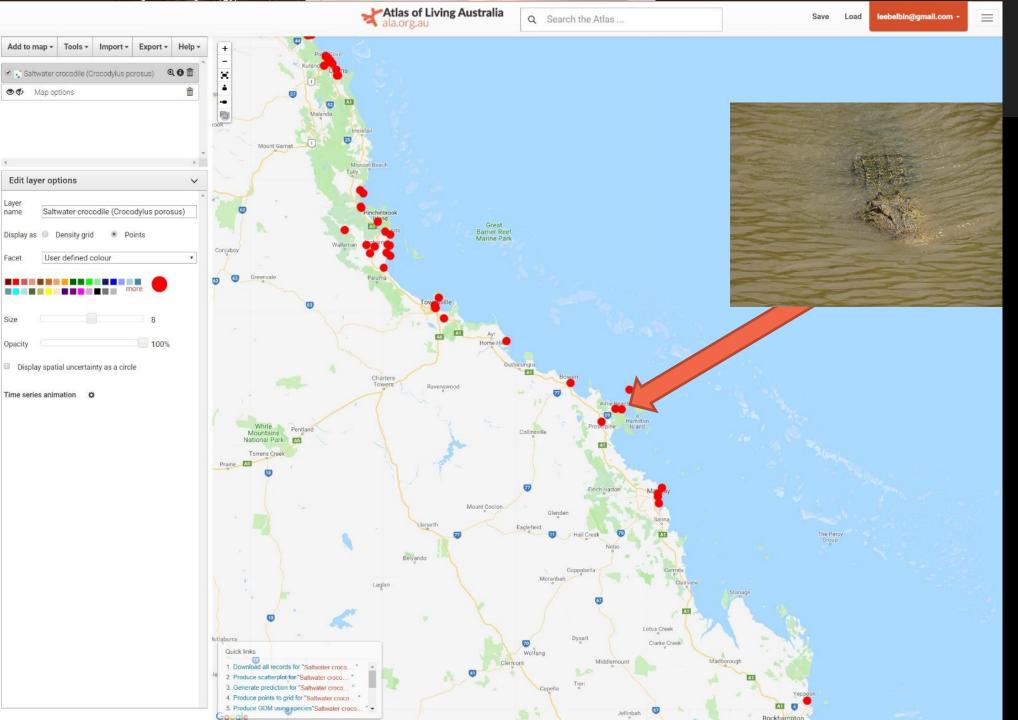
Display spatial uncertainty as a circle

Endangered Species





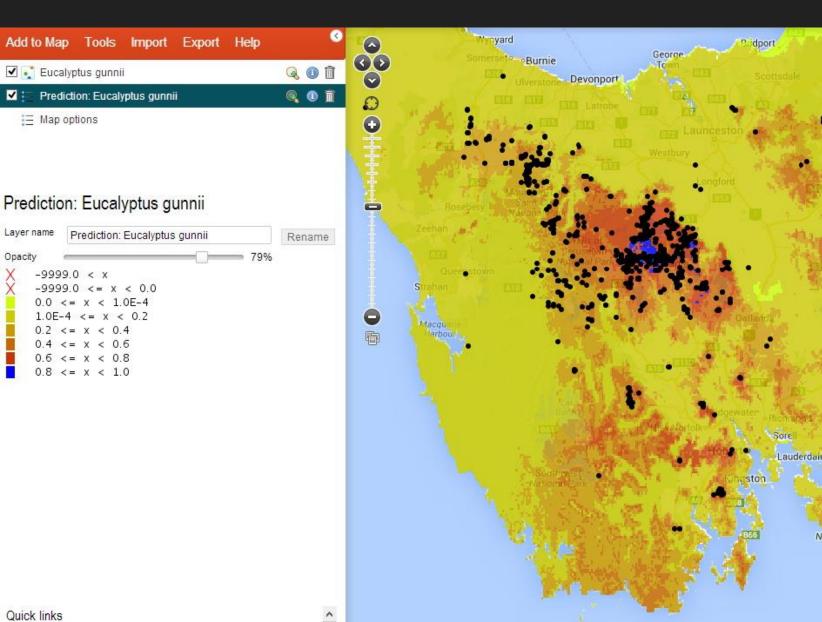




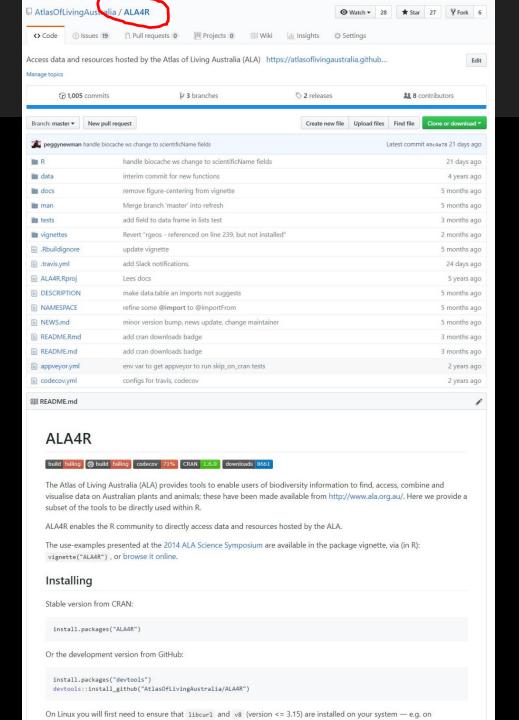


Safety?





The ALA's Spatial
Portal has tools
designed to (simply)
address research
and environmental
management needs





Other 'research' interfaces:

ALA4R

Later...



Q Search the Atlas ..

rt exploring

Search & analyse

Participate

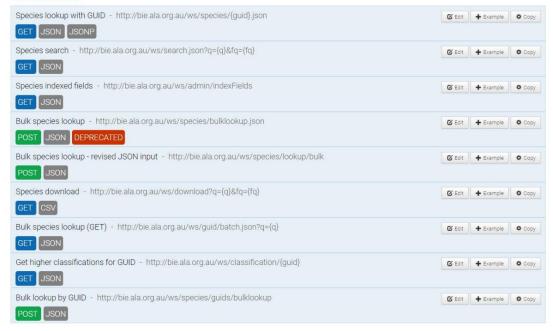
Learn about the ALA

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.

Species profile - Taxonomic name, concept lookups services

Webservices change log



My profile

Admin -

+ Expand All - Collapse All

Occurrence - Specimen & observation data searching

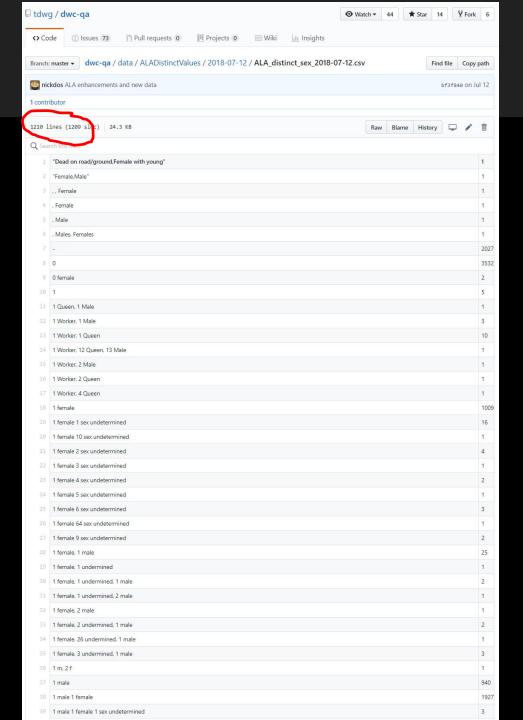




Web services:

api.ala.org.au

119 documented





Issues –

plenty!



Thank you...

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Adam Collins Programmer adam.collins@csiro.au





