Learning both ways animal and plant knowledge in South East Arnhem Land

Presentation by Maritza Roberts and Basil (Kyle) Gumbuli
We come from Ngukurr, SE Arnhem Land
South East Arnhem Land Indigenous Protected Area
Habitats and threatened species
Our ALA project 2014-2016

• Working on the website sharing Aboriginal knowledge of plants and animals and showing how we can work two-ways
• We doing bush trips/ Culture Camps
• Cross-cultural knowledge recording
• Video, cameras, CyberTracker, tracking skills
• We work in a very remote area where not many scientists work…but we’re working there! We are the scientists!
Working with elders and young people to learn about Country

Re-connecting with and protecting traditional food, Cheeky yam
Betty and Marianne Roberts talking about Duymanjî
Animal surveys using different traps
Burut burut (Common Rock Rat)
Wambarrarda (Rock Wallaby)
Djijurk (Agile Wallaby)
Djirrmaga (Echidna)
Gujarni (Possum)
Multi-lingual names

Traditional Marra Name: Burut burut
Common Name: Red-cheeked Dunnart
Species Name in Latin: Sminthopsis virginae

Looking for new species, work with Craig Moritz

Ens et al. (submitted) Putting Indigenous Policy into practice delivers biodiversity and cultural benefits Environmental Conservation
Bush Medicines and bush Foods

Yarlbun (Lily seeds)
Jupi (black currant)

Ngurrudin (Bush banana)

Dilan (Brachychiton root)
Teaching others about bush medicines

Ngukurr community festival
National Science Week, Sydney
Adding data to ALA website

My sightings

This is a simple list of the sightings you have submitted. You can filter, sort and map sightings using the Atlas' Occurrence explorer.

Note: Sightings may take up to 24 hours to appear in the Occurrence explorer pages.

Displaying records 1 to 10 of 165

<table>
<thead>
<tr>
<th>Images</th>
<th>Identification</th>
<th>Sighting info</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="https://example.com/image1.jpg" alt="Image" /></td>
<td><em>Ctenotus essingtonii</em> &lt;br&gt; <em>Uncertain</em></td>
<td>22-04-2015, 00:00 &lt;br&gt; Recorded by: Yugul Mangi Rangers Yugul Mangi Rangers &lt;br&gt; Locality: Warpani Camp &lt;br&gt; Lat: -13.90446, Long: 135.09126</td>
</tr>
<tr>
<td><img src="https://example.com/image2.jpg" alt="Image" /></td>
<td><em>Limnodyastes convexusculus</em> &lt;br&gt; <em>Confident</em></td>
<td>13-05-2015, 00:00 &lt;br&gt; Recorded by: Yugul Mangi Rangers Yugul Mangi Rangers &lt;br&gt; Locality: Bullock HOLE spring area &lt;br&gt; Lat: -13.71442, Long: 134.88242</td>
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Map of our ALA species records
**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).**

Aboriginal people manage some of Australia’s most remote and difficult to access parts of Australia. Limited access by people can mean that environmental threats such as intense wildfire and invasive species take hold. Thanks to funding and support from the Atlas of Living Australia (ALA), Australian National University (ANU) Centre for Biodiversity Analysis (CBA) and the Foundation and Friend of the Botanic Gardens (FFBG), in April 2015 the Yugul Mangi Rangers, Mingirringi (Traditional Owners) and Jungayi (Traditional Managers) were able to travel to remote Ngandi Country in the proposed SE Arnhem Land Indigenous Protected Area. Ecologists from Macquarie University in Sydney (Emilie Ens and Mitchell Scott), the Acting Collections Manager at the National Herbarium of New South Wales (Gillian Towler) and Ngukurr Language Centre Linguist (Salome Harris) who have all been working with the Rangers were fortunate enough to join the trip and assist with cross-cultural biodiversity surveys and cultural knowledge recordings.
First ALA records of elusive Leichhardt’s Grasshopper in Arnhem Land

BY BRYAN KALMS  JANUARY 20, 2015  TAGS: BLOGS & NEWS  INDIGENOUS

** 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).

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.
Making a SE Arnhem Land IPA Plant and Animal book

- 130 pages so far
- 10 languages – 8 Aboriginal, 2 English
- Birds, Mammals, Reptiles, Plants
SE Arnhem Land IPA profile pages

- Putting more of our language and knowledge into the ALA

Cultural Description

jupi is our bush fruit that we eat after every wet season...
common - black currant tree
kriol - jupi
marra - yadargarr/gumirr
ritharrnu - wudjal
rembarrnga - jupi
ngandi - ma-gumirr
nunggubuyu - wungarragaga
ngalakan - jupbhi
Thankyou!