

Ngukurr YANGBALA PROJECT



MACQUARIE
University
SYDNEY · AUSTRALIA

Wi stadi bla kantri
Research Team
Yangbala Project

Funding partners...





INTRODUCING OUR TEAM



WE COME FROM NGUKURR, SE ARNHEM LAND



Darwin

Ngukurr

Ngukurr NT, Australia

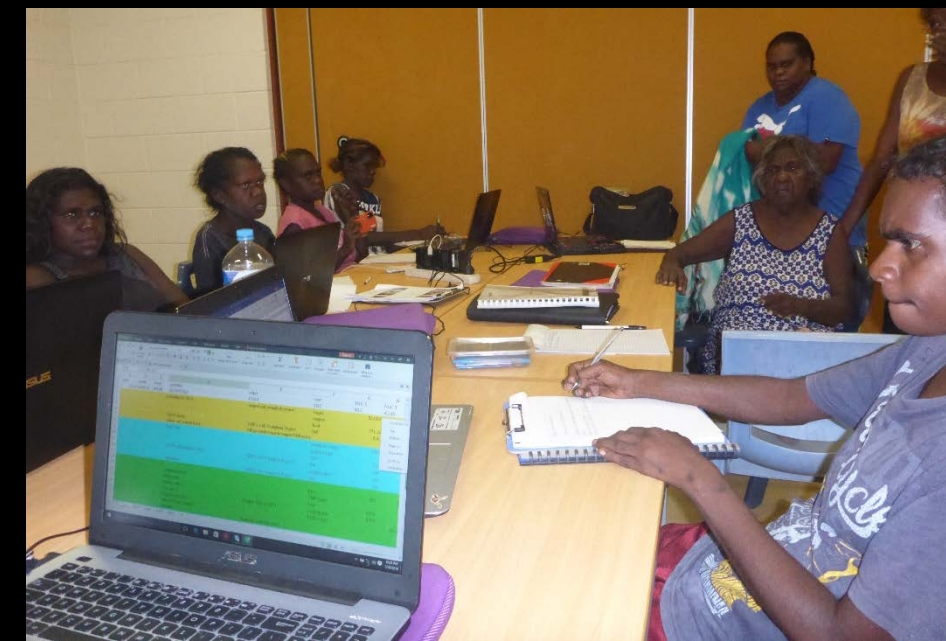
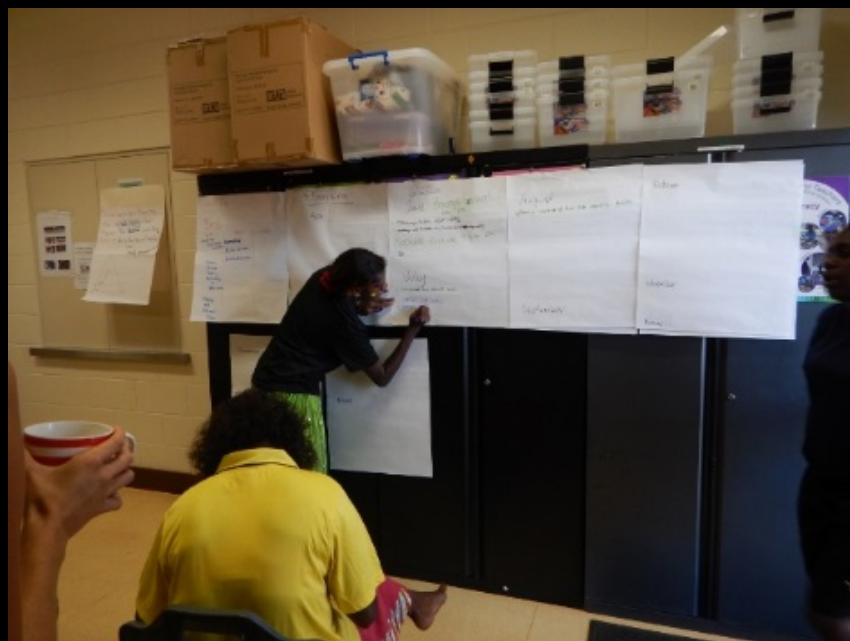
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat

Google earth

Imagery Date: 4/10/2013 25°57'06.29" S 140°25'07.66" E elev 61 m eye alt 4727.12 km



YANGBALA PROJECT PLANNING



CULTURAL KNOWLEDGE



Ngandi dikdik,
Leichhardt's Grasshopper



Nerrikat, Northern Quoll





Fly

BULUBURITJ



Ngukurr



Roper Hwy

Nathan River Rd

Roper Hwy



2.5 km



CULTURAL RESEARCH



Hi my name is Cherry







This tree it's called
Alstonia



A dead Leichhardt's
tree. We call it dupal



MARKING THE FENCE LINE



STARTING ON THE FENCE



ANIMAL AND PLANT SURVEYS USING CYBERTRACKER



SETTING UP CAGE TRAPS



Setting Up Elliot Traps



PITFALL TRAPS



SETTING UP CAMERA TRAPS



NIGHT SEARCHING

Animal group	Bulubuluritj Reptiles	Oct	May
Geckos	<i>Gehyra nana</i>	2	
	<i>Gehyra australis</i>	1	
	Bynoe's gecko	3	
	<i>Oedura rhombifer</i>	1	
Frogs	<i>Litoria tornieri</i>	5	
	<i>Platypectrum ornatum</i>	26	5
	<i>Litoria coplandi</i>	1	
	<i>Limnodynastes convexiusculus</i>		1
	Cane Toad	56	36
Skinks	<i>Carlia munda</i>	7	3
	<i>Notoscincus ornatus</i>	7	
	<i>Cryptoblepharus metallicus</i>	1	
Dragons	Gilberts dragon	2	2
Snakes	Olive Python	2	1
	Keelback	1	3

GURRUJARDBUNGGU (MARRA) OLIVE PYTHON



GARNGULUGULU (MARRA), GILBERTS DRAGON



YAMINJI – GECKO

Bynoe's Gecko
Heteronotia binoei

Zigzag velvet gecko
Oedura rhombifer



Gehyra nana



GENETIC ANALYSIS



PLANT SURVEY



Gulibidamba
(Terminalia sp.)



Green plum
(Buchanania obovata)

CYBERTRACKER - DATA COLLECTION INTERFACE

Bulubuluritj plants_2 - CyberTracker v3.389

File Edit View Tools Help

Applications

Bulubuluritj plants


Tablet

Zoom 50%


New Screen New Subscreen Delete Screen Edit Application Manage Applications Layout Mode Edit User Lists Test Run Install To Mobile Device

- Screen
- Bulubuluritj plants
 - What type of vegetation you mapping?
 - Start GPS
 - Finish GPS tracking
 - What type of plant?
 - Trees
 - Bush or little tree
 - Grass - type what looks like
 - Vine
 - Another tree - type information
 - Take tree photo
 - Habitat
 - Tree health
 - Tree damage
 - Tree height (m)
 - Tree size at binji height (cm)
 - Flowering?
 - Fruits?
 - Any baby ones around?

Properties

Screen	
Name	Bulubuluritj plants
Image	
Center	<input checked="" type="checkbox"/>
Image	
Proportional	<input checked="" type="checkbox"/>
Stretch	<input type="checkbox"/>
Element List	
Columns	1
Elements	Start GPS tracking ve
Icon	Icon32
Show caption	<input checked="" type="checkbox"/>
Start GPS tracking \	What type of vege
Finish GPS tracking	Finish GPS trackin
Start recording plan	What type of plant'
Navigator	
Show back	<input checked="" type="checkbox"/>
Show GPS	<input checked="" type="checkbox"/>
Show next	<input checked="" type="checkbox"/>


Bulubuluritj plants



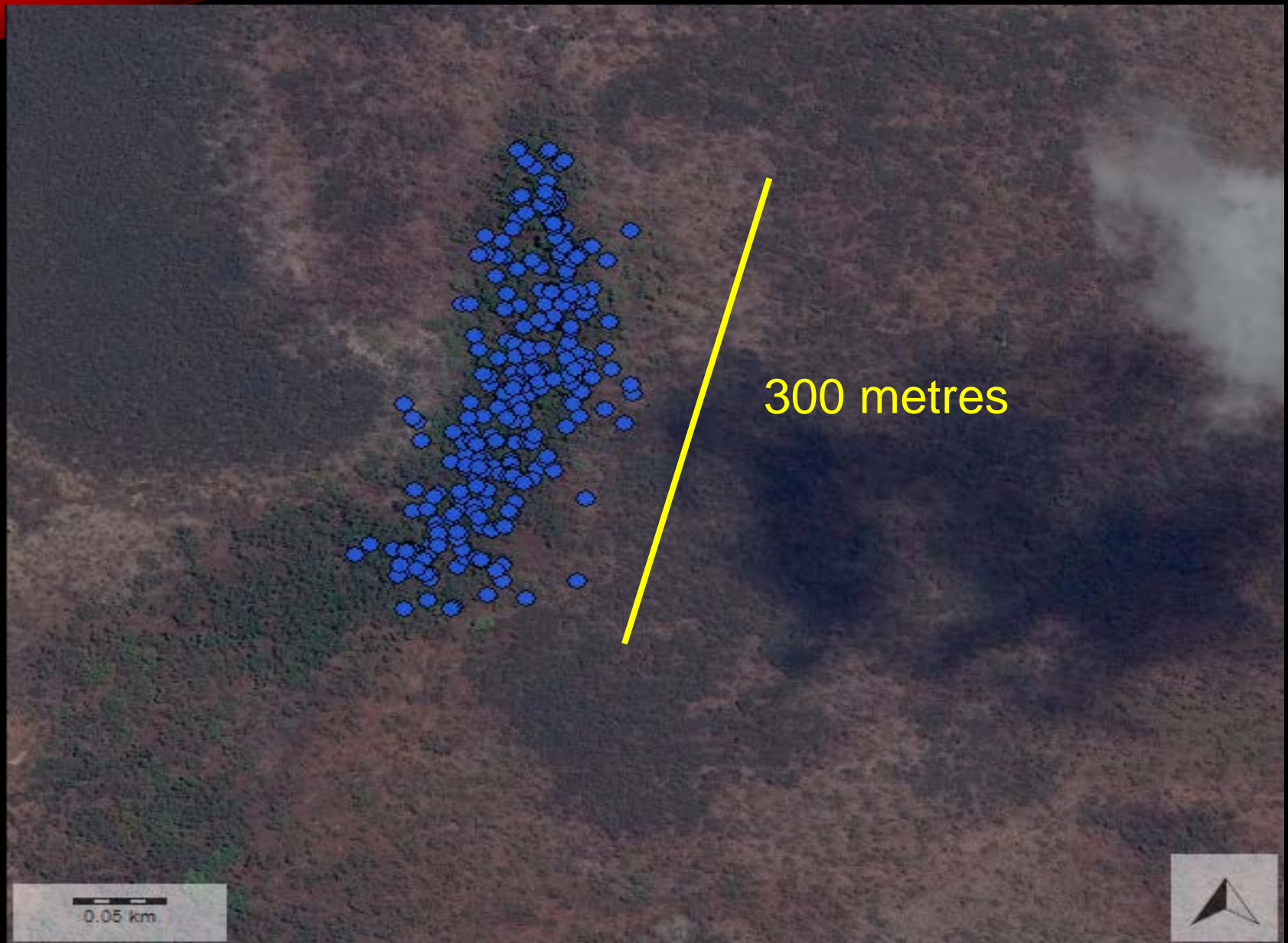
Start GPS tracking vegetation type

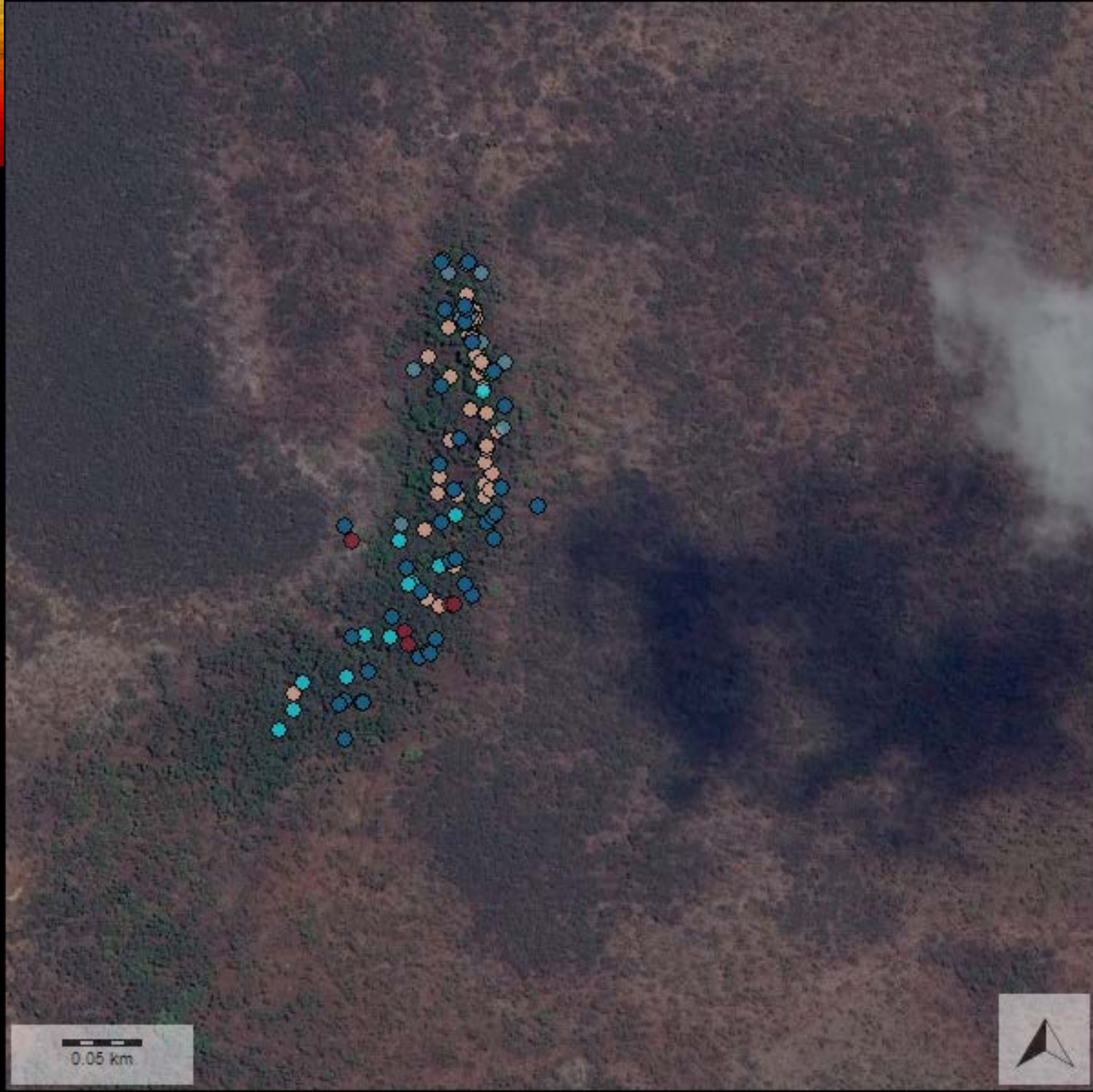
Finish GPS tracking

Start recording plants



MAP OF BULUBULURITJ BUSH PLANTS





Queries

- Alstonia
- dupal
- budibudamba
- cocky apple
- Green plum

0.05 km



DUYMANJI (BUSH POTATO)

PROTECTION AND MONITORING





JUPI (BLACK CURRANT) SURVEY





BURRUNJU





DILAN





Doing video recording while everyone is working



Ngukurr community



Thankyou! And especially to our team, the people of Ngukurr and our funding partners

