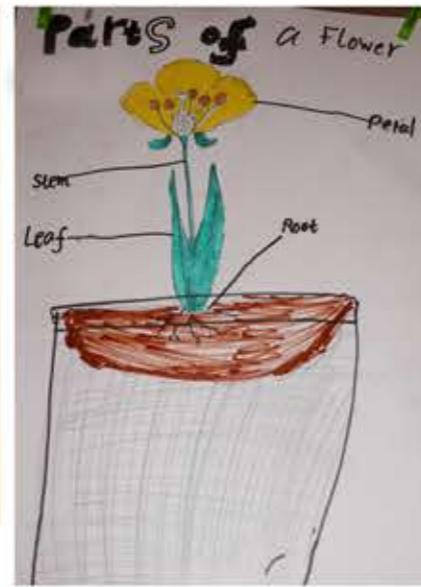
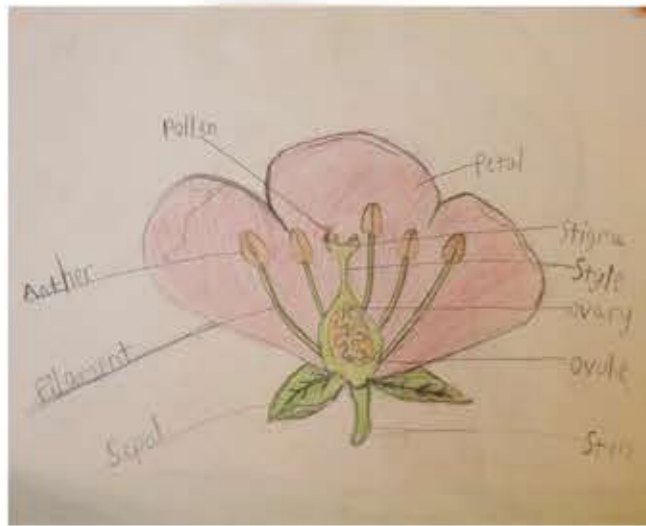




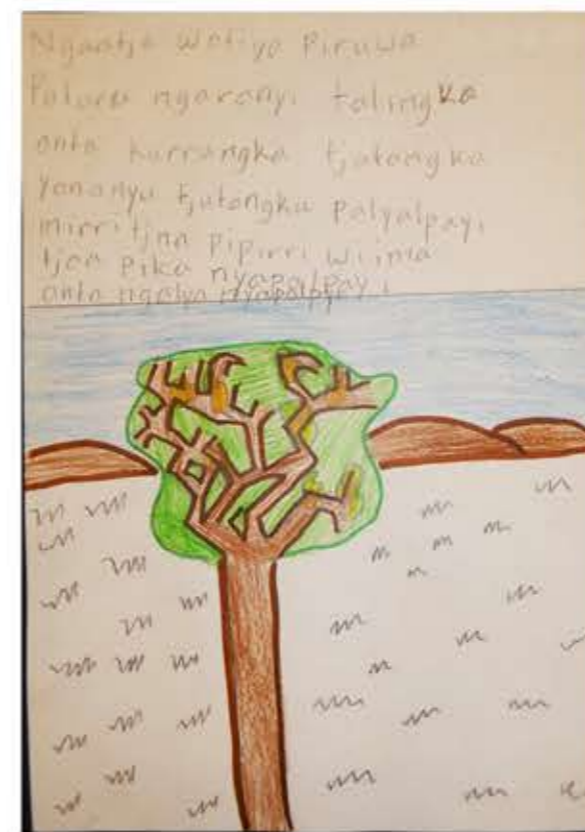
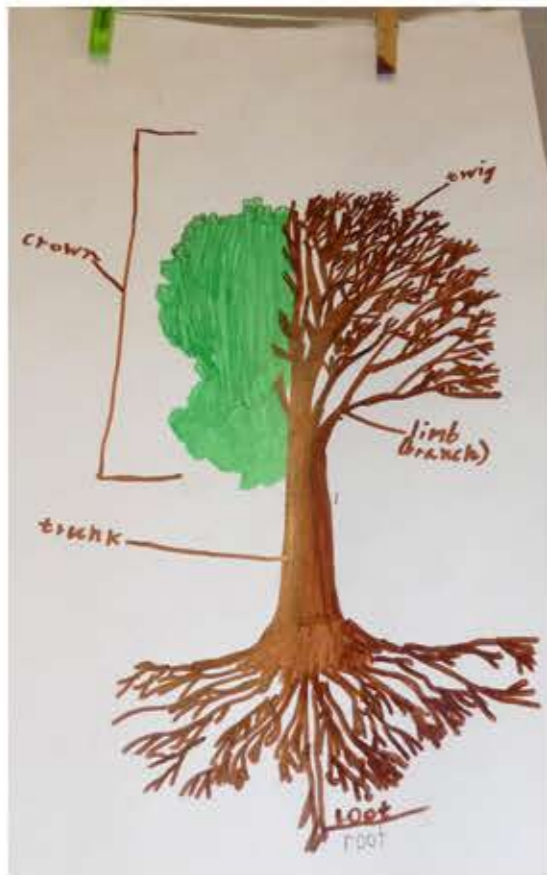
Yara Watiya Tjutajarra

Plant Story





Plant Chart						
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (eg. bush, open woodland, etc)	
	Itara	river red gum	Food Firewood	tree	Sandy Creeks	
Plant Chart						
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (eg. bush, open woodland, etc)	
	Wanakatu	White wood	Food	grabs	tree	different types of wood but not Sandplum



In Term 3, 2018, Watiyawanu Kuula senior primary students learnt about plants. As part of classroom lessons in preparation for an Australian Curriculum Illustration of Practice video, the students drew and wrote stories in Luritja about local plants and habitats; grouped the plants in Aboriginal and Western science categories, using drawings and photo-cards; labelled parts of flowers and plants on drawings; and completed tables with names, uses, habits and habitats of local plants.

The students did some great work!



Rita is holding up each plant specimen and talking about its Luritja name and uses to the students. Then the students helped Meg put the specimens in a plant press. In the classroom the next day, the students taped the pressed specimens on paper and labelled them.

For the filming of the Australian Curriculum video, senior assistant teachers Rita Turner and Roderick Kantamara led a bush trip to Tjunkupu, northwest of Mt Liebig, to teach the students about local plants. Rita and Roderick taught the students the names and uses of the plants we saw. The students already knew some of the plants, from what Rita and Roderick have taught them in the classroom. Tangentyere Science Pathways project officer Meg Mooney helped the students collect specimens of all the plants.



The following pages use photos from the bush trip, pressed specimens of plants labelled by the students, and the students' drawings and writing to describe each plant. Where the student drew or wrote about a plant that we didn't see on the bush trip, Meg has added photos from the Tangentyere collection.



Arrkinki

Bloodwood



Plant Chart				
Luritja Name	English Name	Use (eg. Fodd, medicine, shelter, whindbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg. savannah, mulga, hill etc.
  arrkinki	bloodwood	Food flower nectar drink medicne	tree many habitats	



Ngalurrpu

Emu Bush

Name What is used for? Where does it grow?

Yini: ngalurrpu

Nyaa palyalpayi? mirritjuna

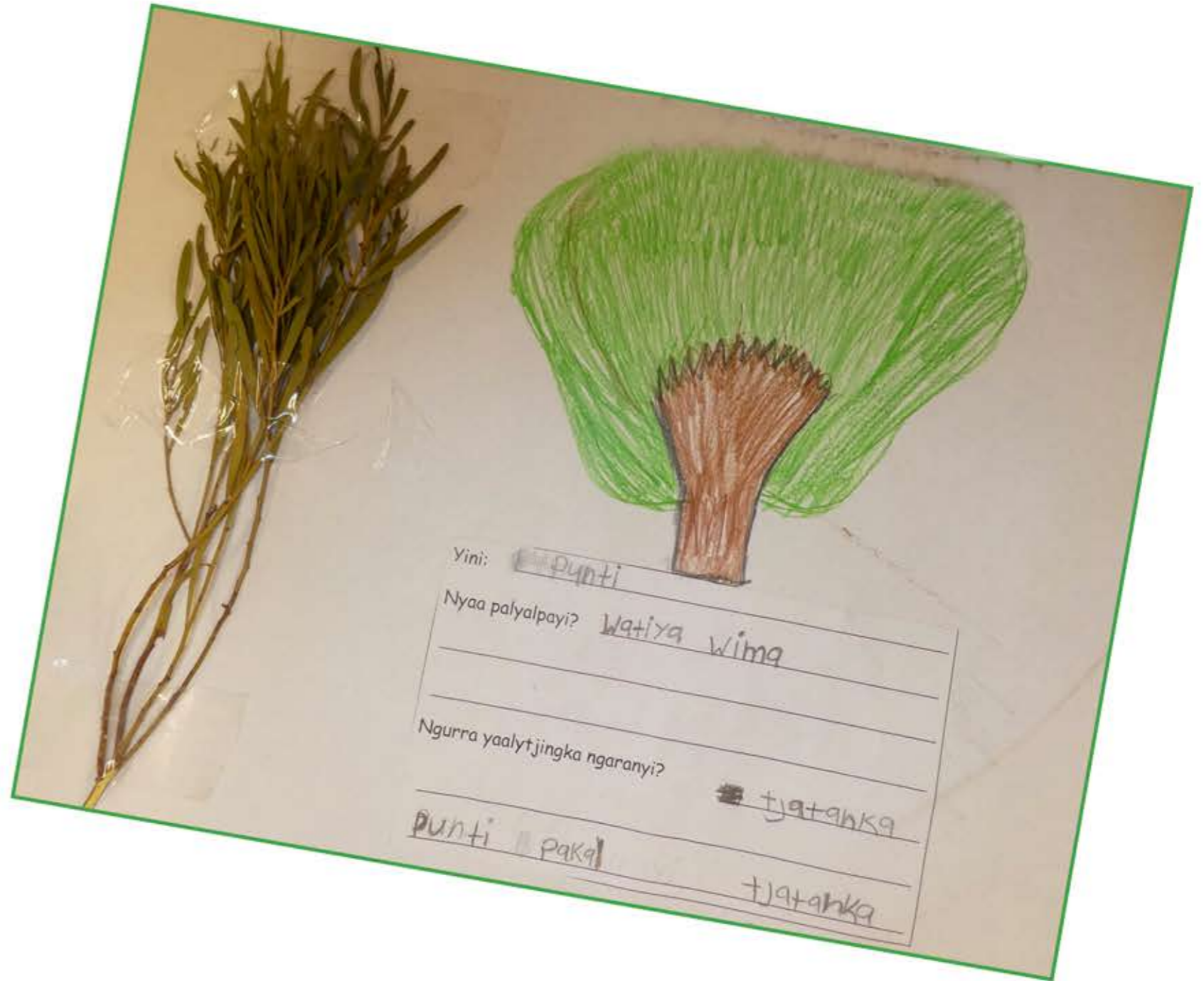
Ngurra yaalytjingka ngaranyi? Tjaalangka

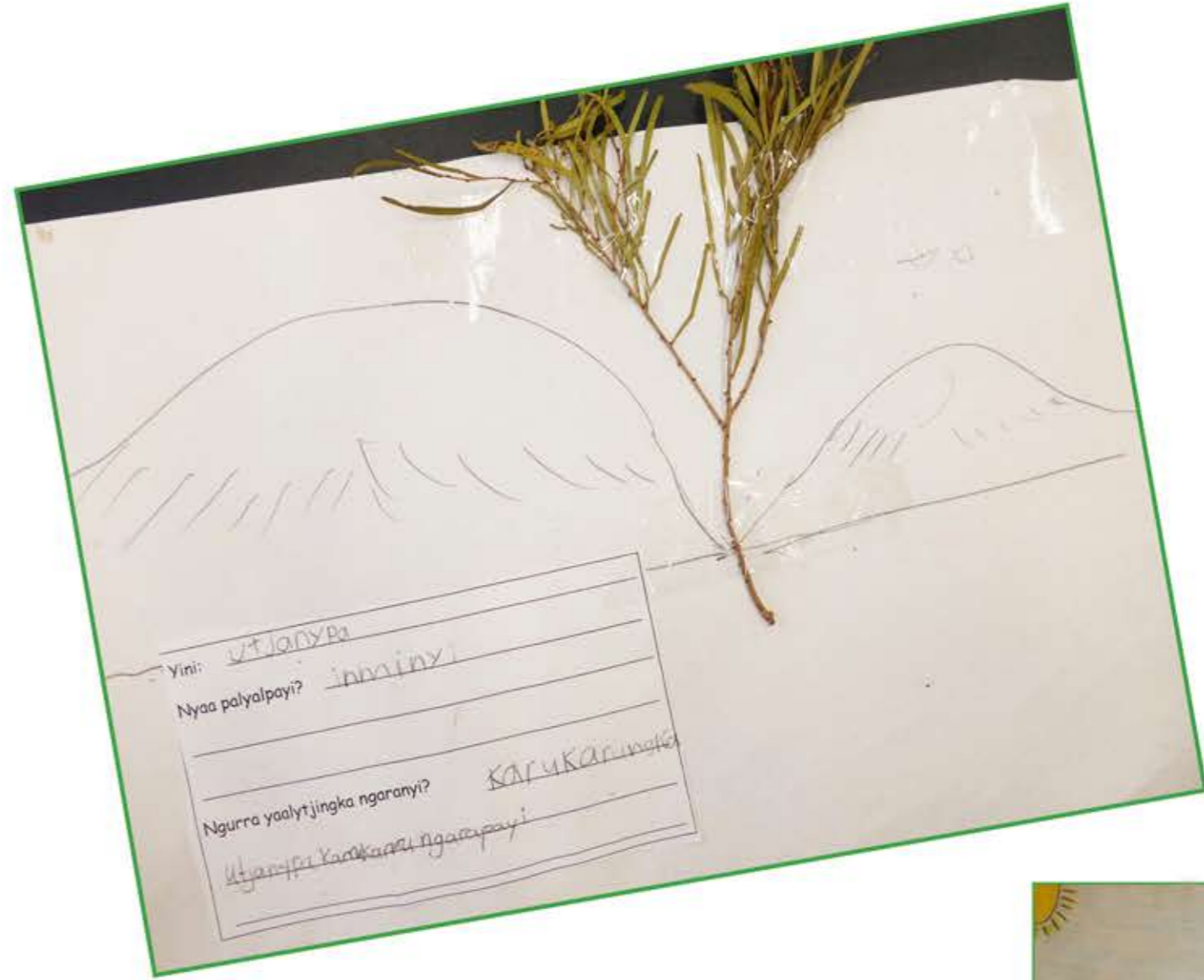
ngalurrpu Tjaalangka Ngampayi



Punti

Senna






Utjanypa Ironwood



'This is the ironwood tree. It grows near creeks and people make ashes from it (the bark).'

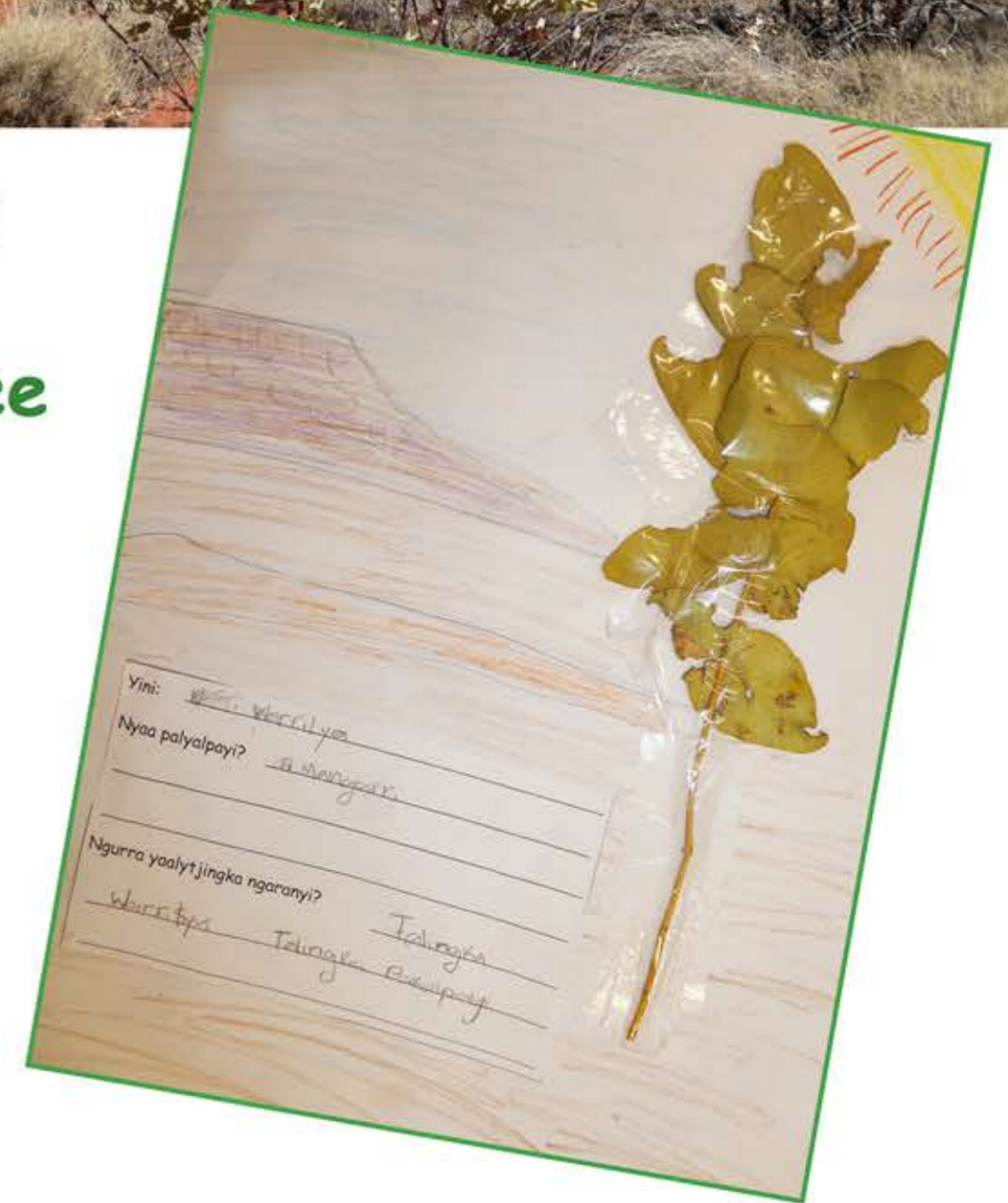
Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Fodd, medicine, shelter, whindbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg. sandplain, mulga, hill etc
	Utjanypa	Ironwood	honeydew sweet gum bark is mixed with bush tobacco	Tree	Wood Land



Awalyurru
Native Currant



Warrilyu
Blue Mallee



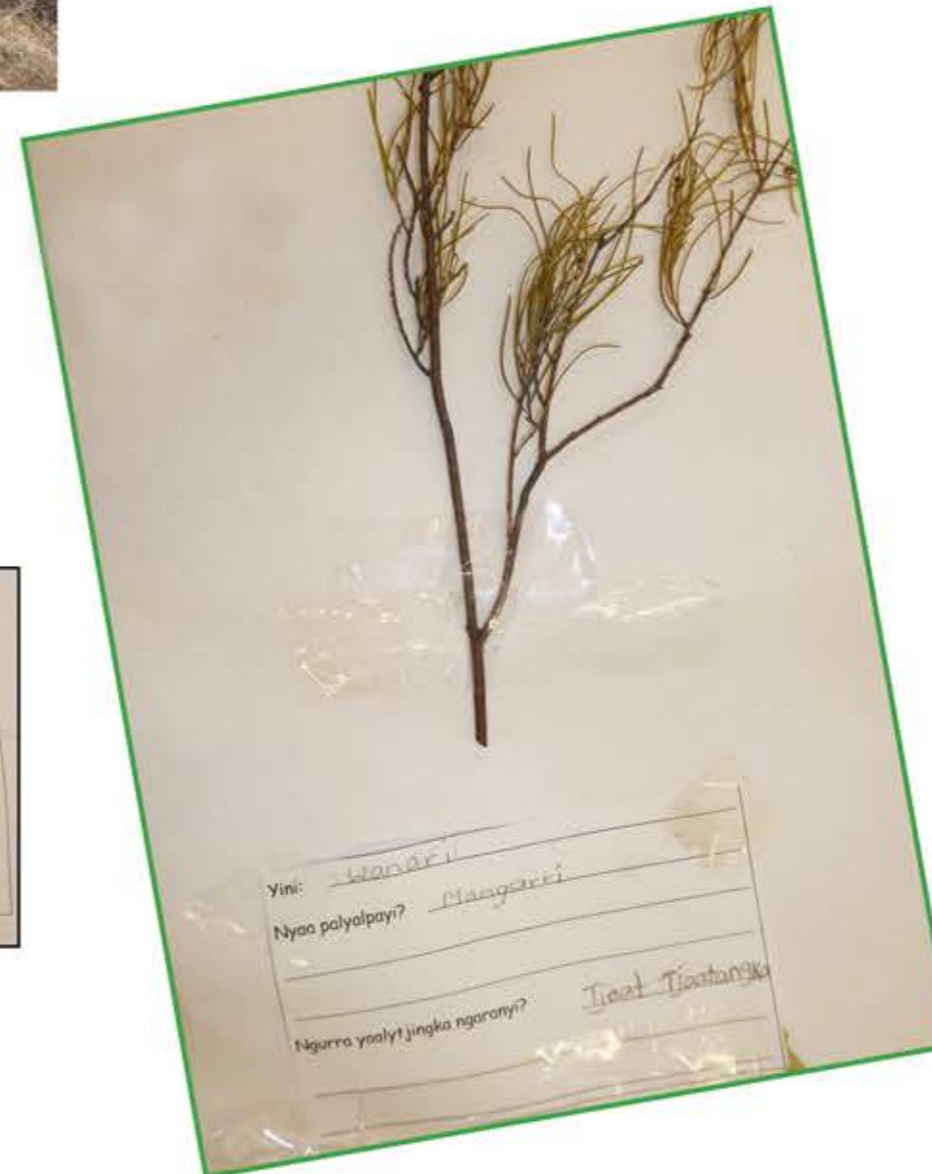


Wanari

Mulga



Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (Type of country, eg. sandstone, mulga, hill etc)
	Wanari	Mulga	Food boomerangs digging sticks	tree	firewood.




'This is the mulga tree. People dig up honeyants (from under mulga) and eat mulga apples from this tree.'



Mantala
Black Gidgee

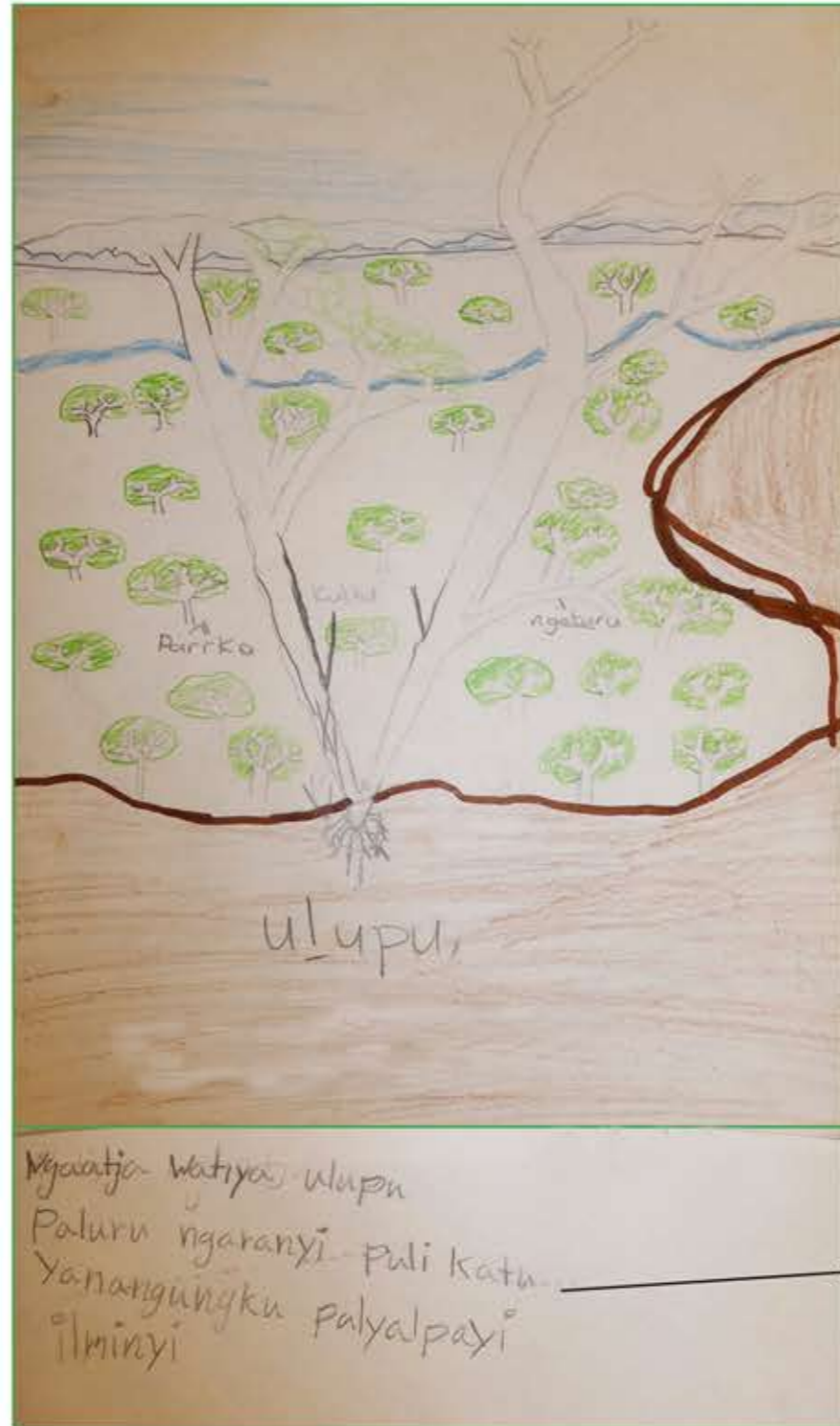


Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (Type of country, eg. sandplain, mudge, hill etc.)
	mantala	black gidgee	ashers	shrub	sand hill

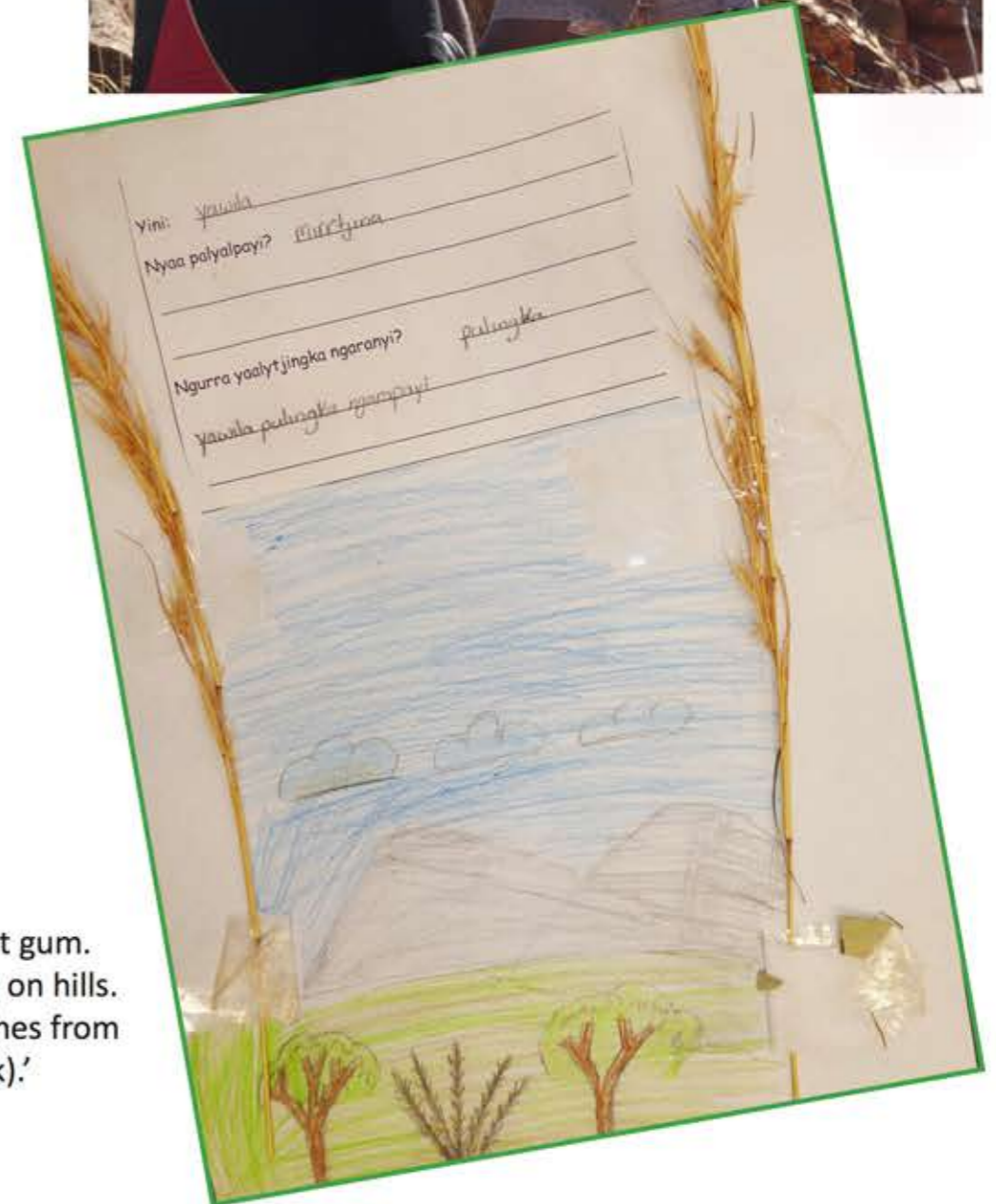


Ulupu
Ghost Gum

Yawila
Lemon Grass



'This is the ghost gum. It grows high up on hills. People make ashes from it (from the bark).'





Kurrkapi Desert Oak



'Desert oak grows in sand country. It makes lots of shade. It doesn't have any food.'


Kurrkapi ngarapayi
talingka paluru wiltja
tina paluru mangarni
wiya

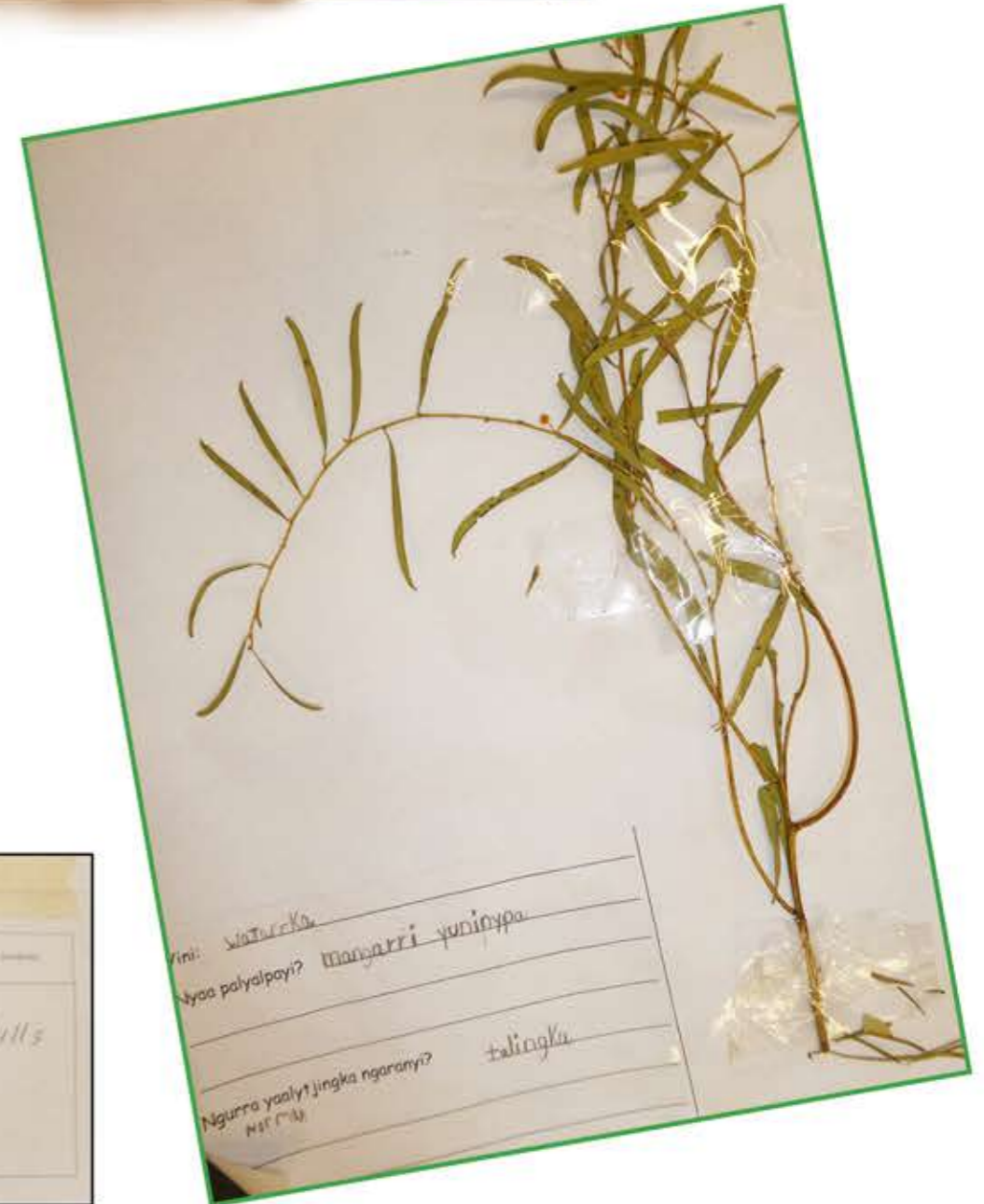


Watarrrka

Umbrella Bush



Plant Chart					
Plant Picture	Local Name	English Name	Use (eg. food, medicine, shelter, whindarra)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (e.g. open grassy area, woodland, etc.)
	Watarrrka	umbrella bush	roasted	shrub	red sandhills






Kalinykalinypa

Honey Grevillea

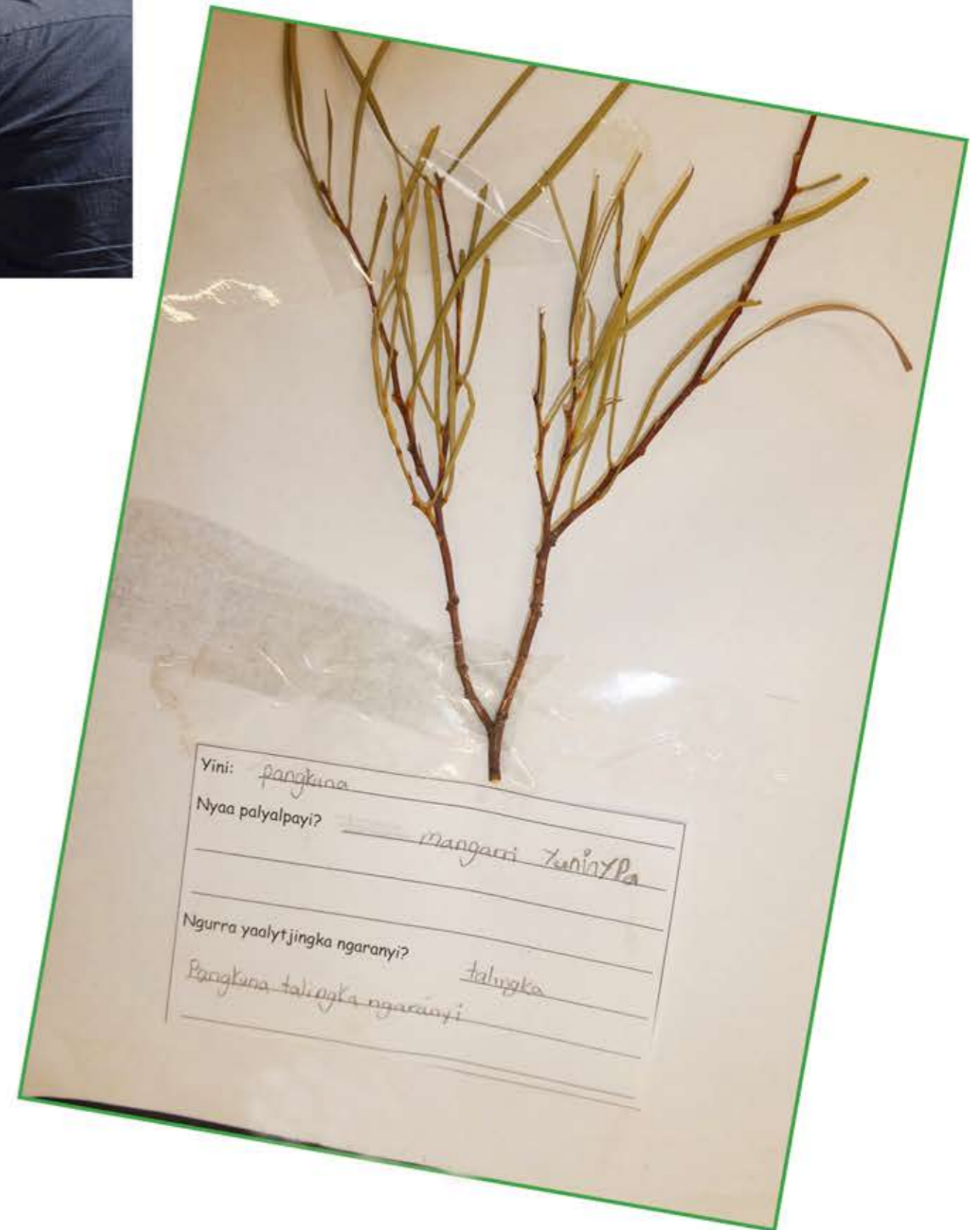



Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg sandstone, mulga, hill etc
	Kalinykalinypa	honey grevillea	Food	Straight	Sand hill

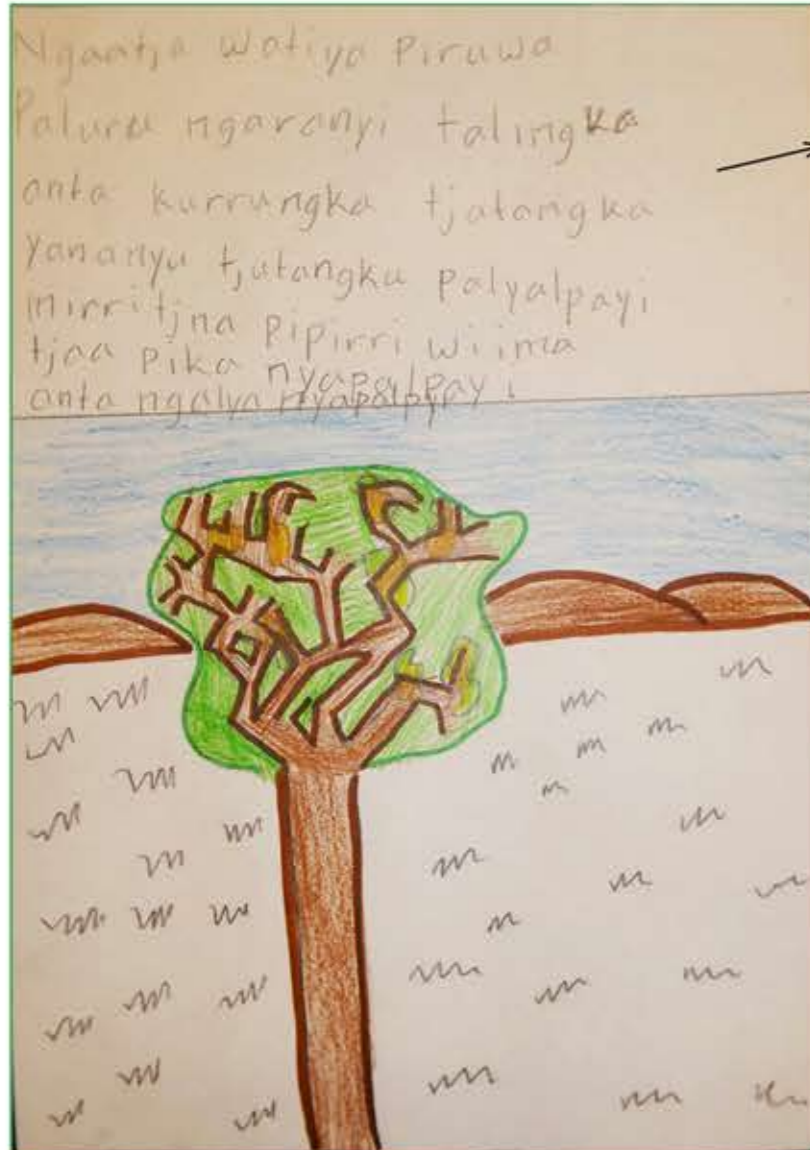
Yini: ~~_____~~ Kaliny Kalinypa
 Nyaa palyalpayi? tiwintjaka
 Ngurra yaalytjingka ngaranya? Talingka



Pangkuna Dogwood

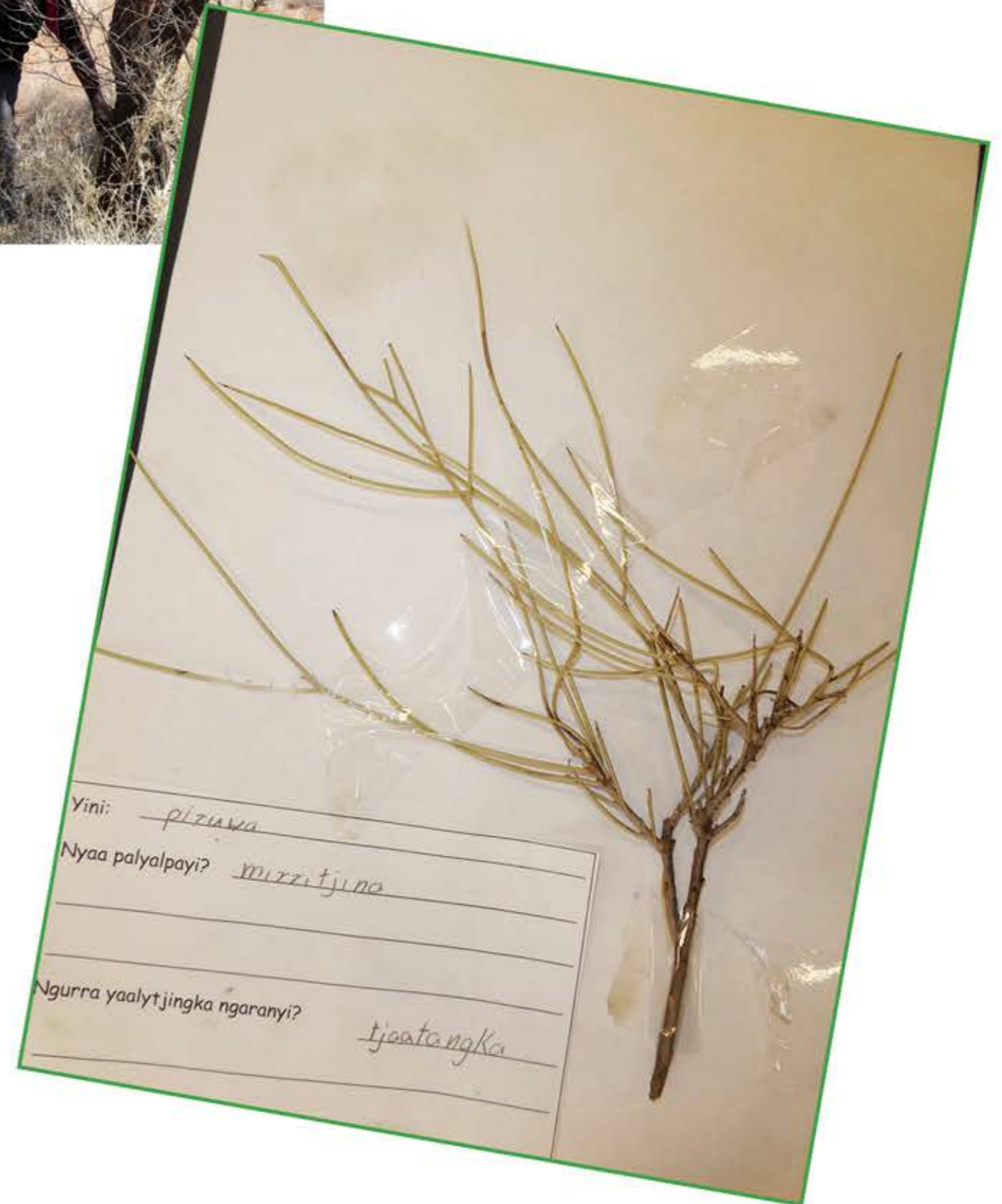


Plant Chart					
Plant Picture	Luritja Name	English Name	Use (e.g. Fodd, medicine, shelter whindbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg sandstone, mulga, hill etc
	<u>pangkuna</u>	<u>dogwood</u>	<u>Food Milk boomrang as li</u>	<u>tree</u>	<u>Sanplains and Sandhill</u>



'This is the corkwood tree.
It grows in sand country and
creeks and in woodland.
People make medicine (from
the bark) and rub it on babies'
sore mouths.'

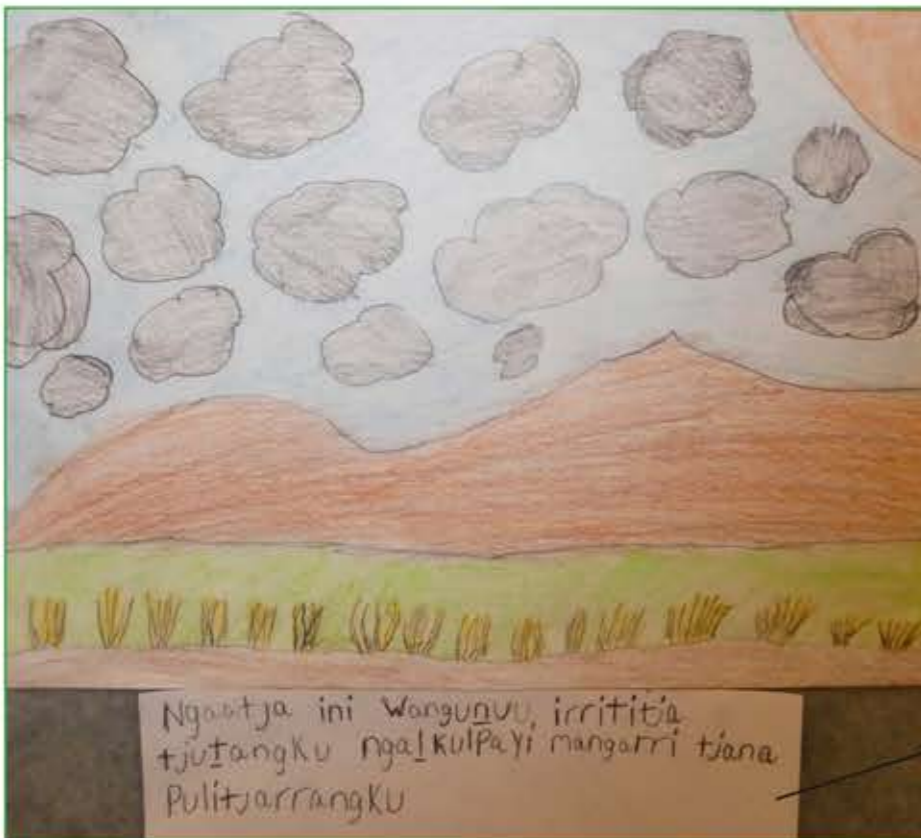
Pirawa Corkwood





Wanguu

Woollybutt
Grass



'This is woollybutt grass. People used to make food from it (from the seeds).'

Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter whindbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (Type of country, eg. sandbarren, munga, hill etc)
	wanguu	woollybutt grass	food flour	grass	sandplains



Umpultjati
Wild Orange



Ilpili
Teatree

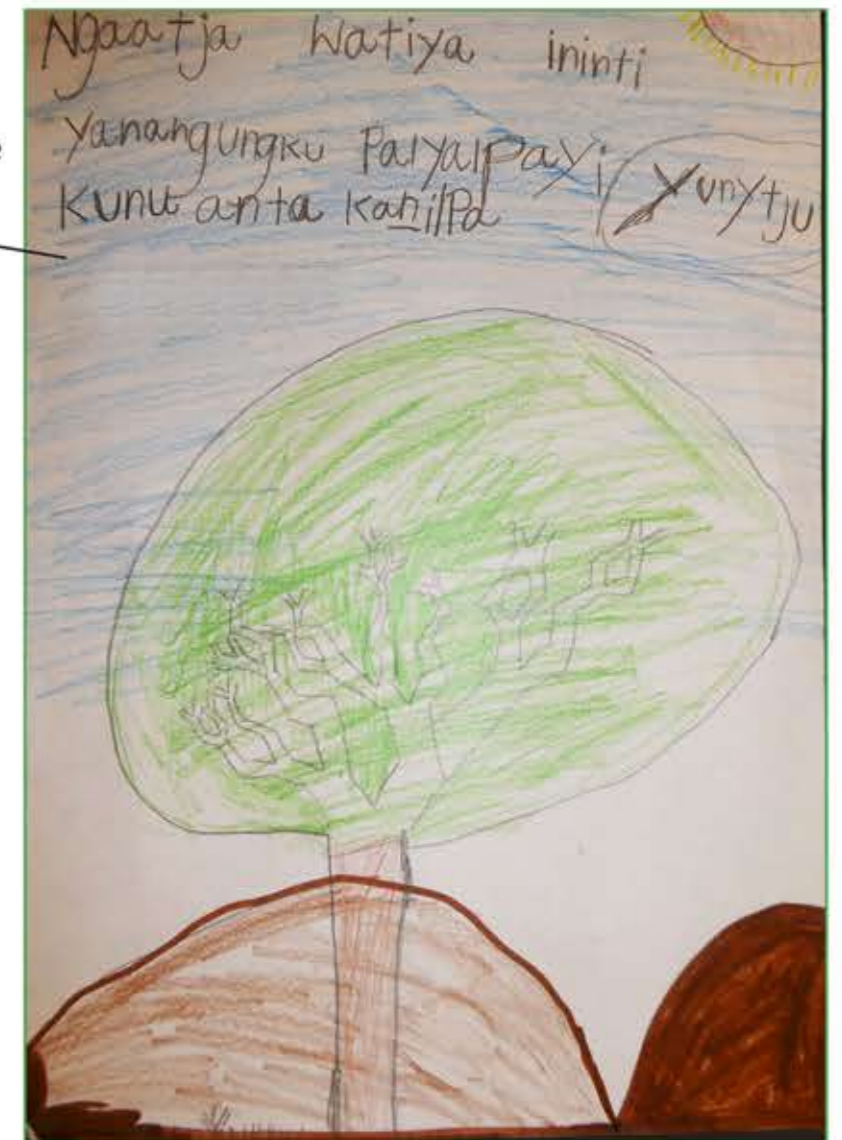
Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg sandplain, mulga, hill etc
	UMPultjiti	bush orange	Food bush Tucker	tree	Woodland usually grows Near Permanent




Ininti

Bean Tree

'This is the bean tree. People make coolamons (from the wood).'



Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Fodd, medicine, shelter whindbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg sandplain, mulga, hill etc
	ininti	bean tree	necklaces bowls shields Food	tree	Watercourses



Yaalka
Bush Onion



'Bush onions are good food. People dig them up from the ground.'

Yaalka mangarri Palya
Yanahgungka tjawara
Pana Yunngu mantjilpayi





Witjirrk Native Fig



Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Fodd, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg. sandstone, mulga, hill etc
	Witjirrk	wild fig	fruit are eaten when fresh or dried and ground into a paste and rolled into balls for water use.	it grow in habitat	rocky hills



'Edible grubs live in the roots.'

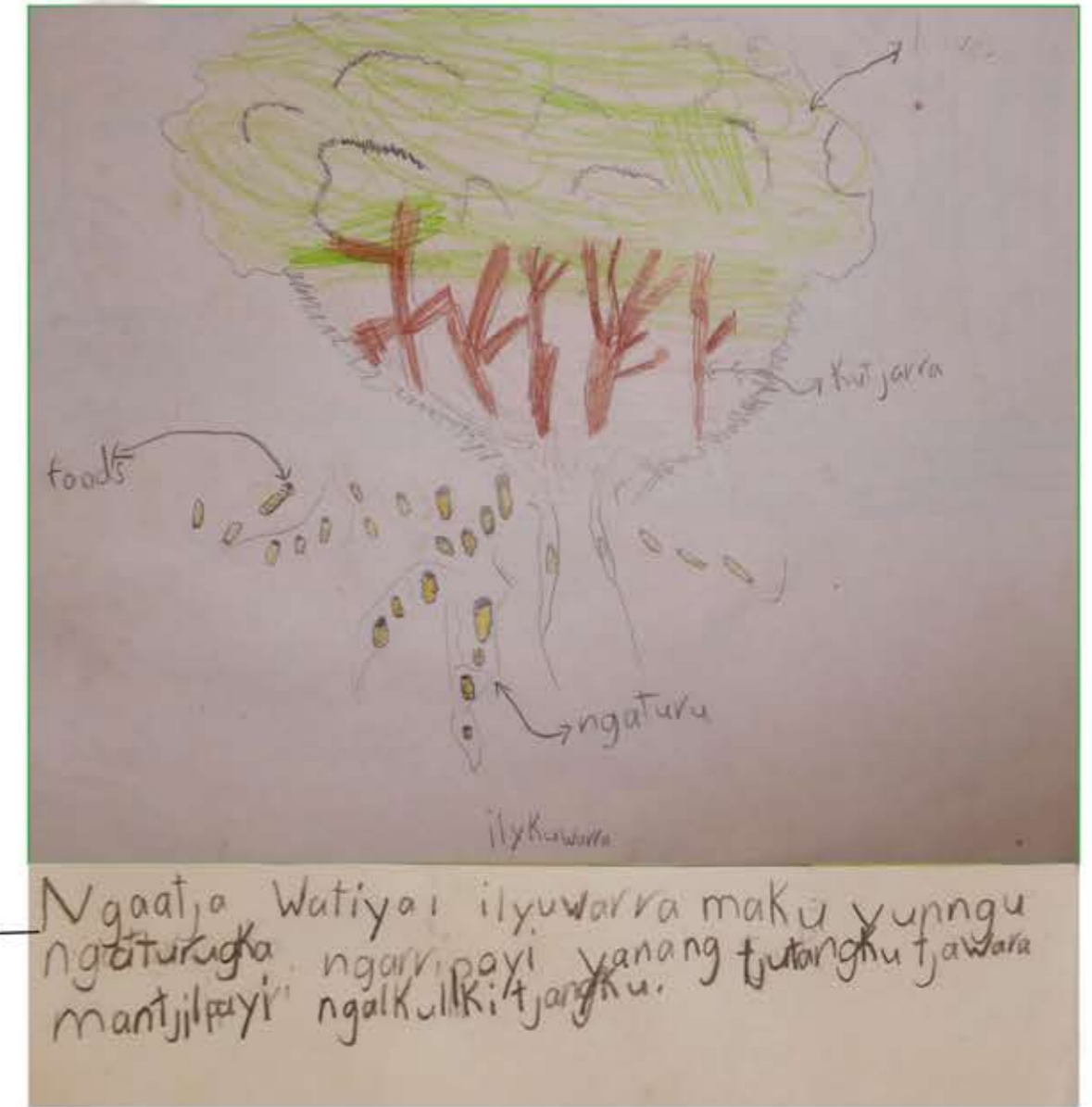


Ilykuwarra

Witchetty Bush





'This is witchetty bush. Edible grubs live in the roots. People dig them up to eat.'





Akatiirri

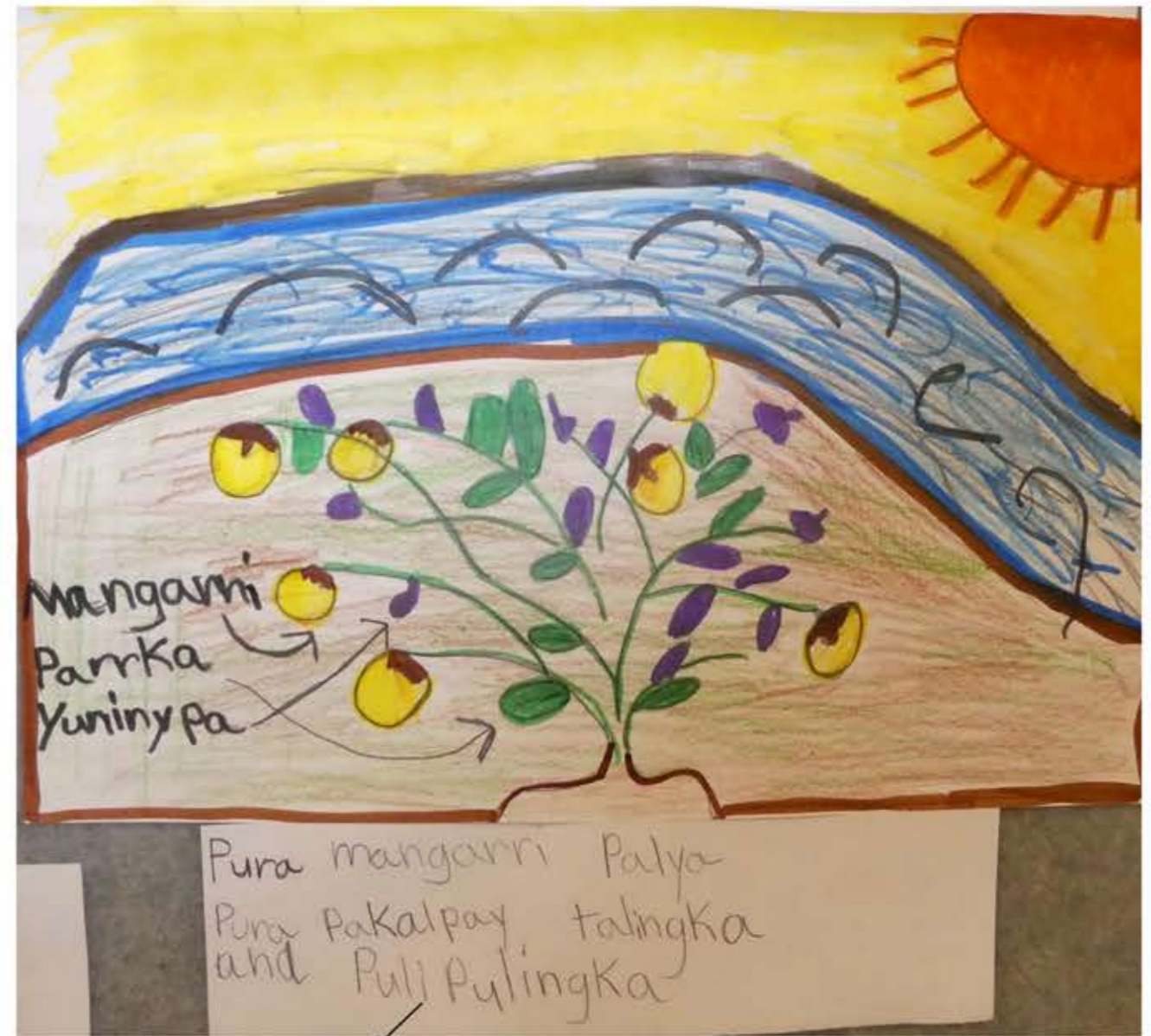
Desert Raisin

Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (Type of country, eg. sandhills, mallee, hill etc.)
	akatiirri	desert raisin 	food	low shrub	Sandhills Sandplain mallee





Pura
Bush Tomato

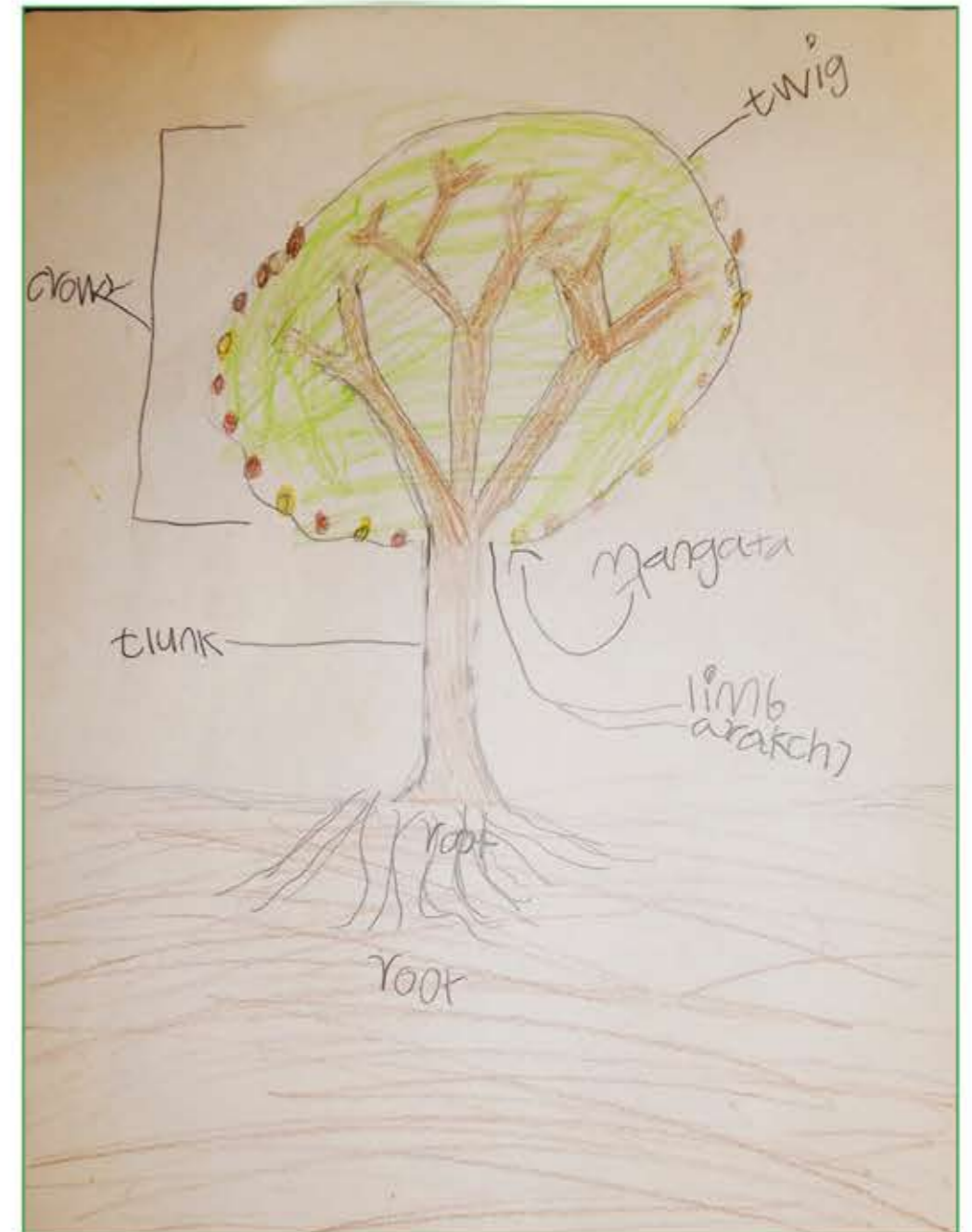



'Bush tomatoes are good food. Bush tomatoes grow in sand country and on hills.'

Plant Chart						
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg sandolan, mulga, hill etc.	
	Pura	bush tomato	Food	small plant	hill side	



Mangata
Quandong

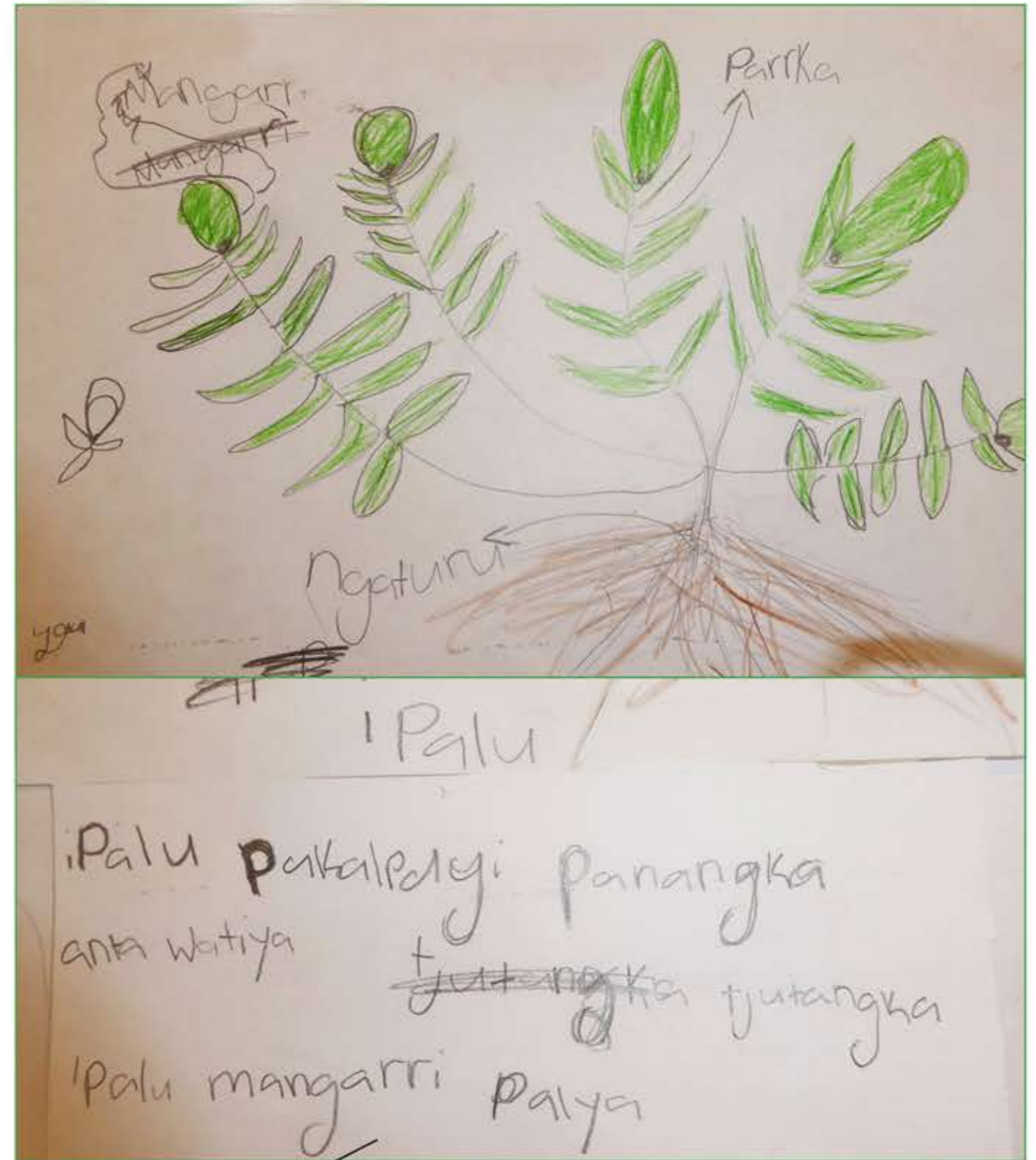


Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (Type of country, eg. woodland, meadow, hill etc.)
	mantala	black gidgee	ashers	shrub	sand hill



Ipalu

Bush Banana




'Bush banana grows in the ground and up into trees. Bush banana is good food.'

Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Fodd, medicine, shelter whindbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat (Type of country, eg sandplain, moilla, hill etc)
	ipalu	bush banana	Food	vine	many differend habitats



Itara
River Red Gum



Plant Chart					
Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, whindbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg sandplain, mulga, hill etc
	itara	river red gum	Food firewood	tree	Sandy creeks



Mingkulpa

Bush Tobacco



'This is bush tobacco. It grows high up in hills. People collect it from caves.'

Plant Picture	Luritja Name	English Name	Use (eg. Food, medicine, shelter, windbreaks)	What kind of plant is it? (e.g. vine, tree, shrub, grass)	Habitat Type of country, eg sandplain, mulga, hill etc
	Mingkulpa	grows	dried	grass	Country

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The bush trip to teach senior primary students about local plants for the Australian Curriculum Assessment & Reporting Authority (ACARA) Illustration of Practice video was led by assistant teachers Rita Turner and Roderick Kantamara, with support from teaching principal Larry Kenny and Science Pathways NT project officer Meg Mooney. Senior primary classroom teacher Belinda Lee led the classroom activities about plants, with support from Rita Turner and Roderick Kantamara, using the Tangentyere Land & Learning resource booklet. Bayden Findlay did the filming for the ACARA video, with support from Craig Davies from ACARA.

This booklet was written by Meg Mooney with photos taken by her.

Science Pathways for Indigenous Communities NT, delivered by Tangentyere Council's Land & Learning Program, is part of a national Indigenous STEM Education project managed by CSIRO and funded by BHP Billiton.