# Lexicography for language revival: Gamilaraay and Yuwaalaraay lexicography since 1975



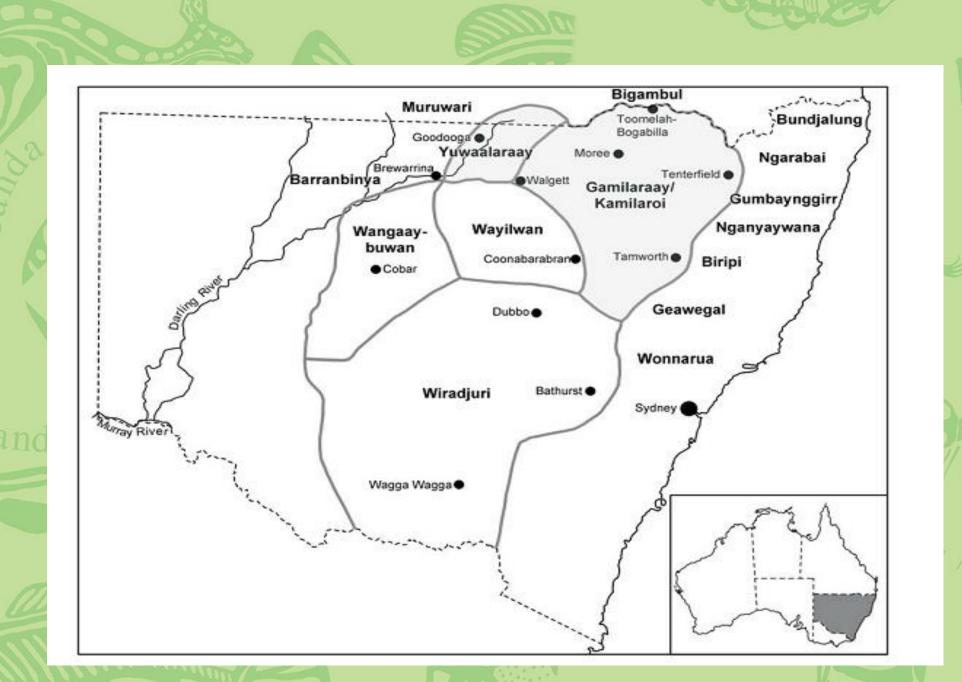
John Giacon ANU



David Nathan groote EYLANDT LANGUAGE CENTRE

Australex 2019

ANU, Canberra, 3rd September 2019



#### Tribe of wany 1 - pony

aboriginal words with their English meanings.

Bapirra - Turne - Yall - Yunker Big Brought Yunkee Comet which Causes a drought

> bringing a level of fire which dries up the sain ) Big Flood Thunder Storm

Bunthra - Bourn Bunth 1a - Bourn - Ti - Wellina Thunder Storm Coming the wee Thuna Sun

Thuna - Butra Sun rising Thung - Ku - oona Sun Suling . Throon riemy

Kee-Wah - Buha

Kee- wah - Ka - oona or Kupeter milpa

Werrinka - Werrinka muna - wurgraa

Kuna - pa - pa

Gung-ung

morning Star Svening Star Seven Seeters milky way

· moon Setting

Tharriage the Luns of marriage in the brite of wang- i - pong devidue into four function for marriage purposes.

201 Turnily Kap-pee , all furniles take their mame from the Kam-poo (male Thus Kap-put. Tar + Kap-pee 902 Family 703 Family marie fare the hande of the Kap per fumily 404 Family Epi

The Temale of the Kup-per family Con marry the male of the

Kam- poo family

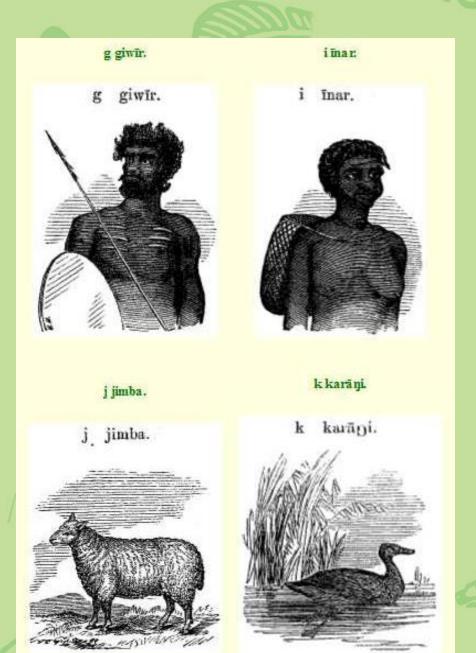
34

#### VOCABULARY OF KAMILAROL

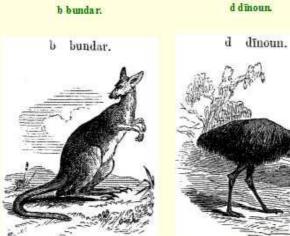
	(kummi or	pleased be	kuia dūrule
hold	kunmulta		(kār*mille
jump	pārī	plunder	(past) kārāmi
keep	wīmuldi		(yārī or
	(dūduna or	pour	yeremulle
kick	(gigirma	praise	baoïllona
kill (dead-strik	e) bālubūma	prepare	būkanmulle
kiss	ŋaikaiala	put	maiabia
***************************************	(tīrune or	put up	maiald°na
know	(winunailun	put down	wiald°na
laugh	gindami	quiet	maiala
learn	yīrabaiane	rejoice	yūgalī
leave off	tubilun	remember	wīnuŋail°na
let go (don't)	tubbia or kurria	rend	baraine
lift	tiome	return (trans.)	kārbille
	(wungurimi or	return (intrans	.)taraoële
lose	mūrgin	rise	warren
make	gim <sup>o</sup> bi	run (imperative	)burrai
make (by hand	) murramulle		(bunnanunne o
make (by chopping)	baia or baialda	run	(punagai
	(baraile, bharūni,	save ·	yuion waragil
make (by spinning)	(or mārūbild°na	see	ŋummi
make (southints)	mugille	seek	kīrumēgu
paint	karuldai	send	wāala
pieree	düni or dürilli	sew (with needle	e)ninne
, pinch	nimmolli	shake	būlumbulā



GURRE KAMILAROI:
OR
KAMILAROI SAYINGS
BY
WILLIAM RIDLEY,
MISSIONARY.
THE ENGRAVINGS BY W. MASON.

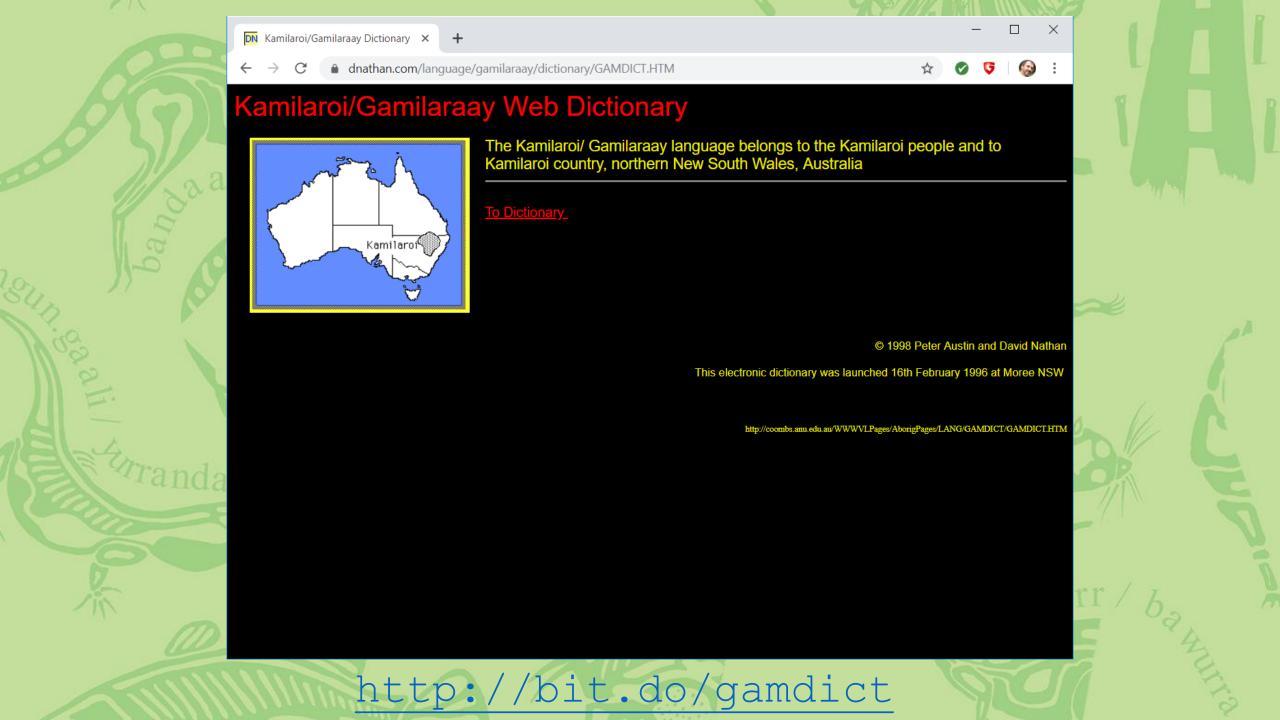


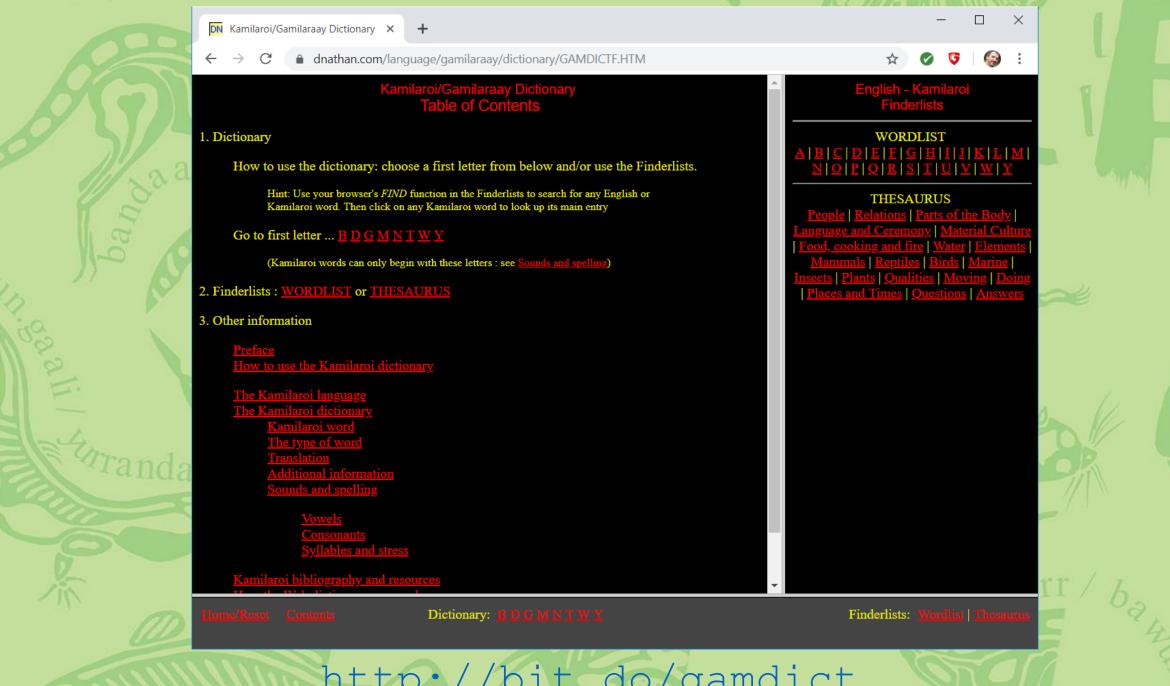
ippai, murri, kubbi, kumbo.
ippata, mata, kapota, buta.
yarai, gille, taon, wī, boiyoi.
giwīr, īnar, birrī, miē.
kaiŋal, buba, ŋumba.
wurume, ŋummuŋā.
daiādi, bōādi.



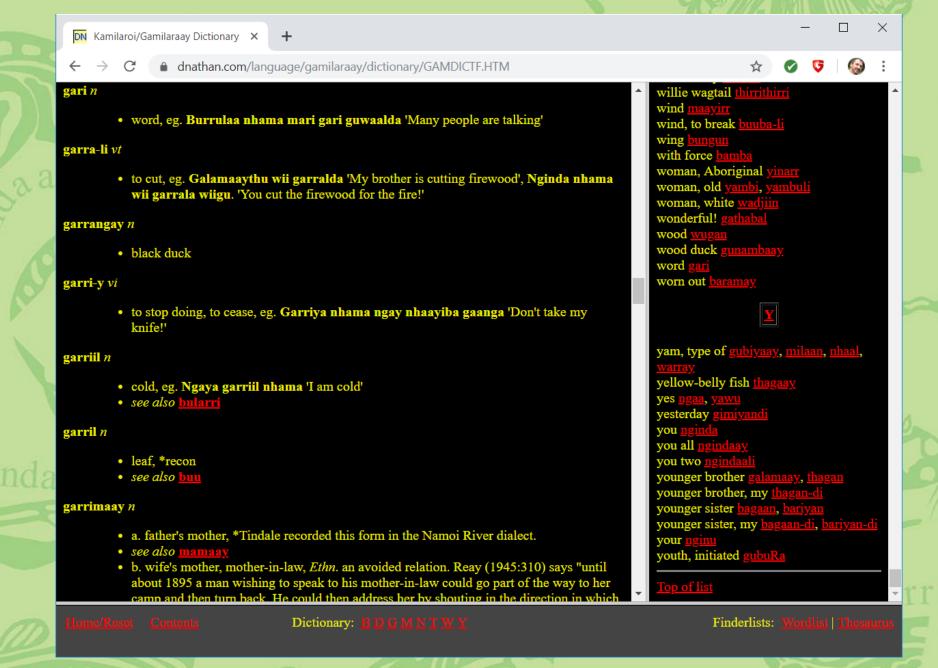
### Summary timeline

- 1930s anthropologists 'private language of old'
- 1955 Stephen Wurm notes and tape
- 1972-5 Peter Austin basic vocabulary and expressions
- 1980 C. Williams semi-speakers, wordlist, simple texts
- 1991-3 Peter Austin (with Bill Reid) published dictionary
- 1995-6 Austin, Nathan WWW dictionary 1996
- 1998 John Giacon reconstitution of old materials
- (ongoing) further community-based efforts





http://bit.do/gamdict



http://bit.do/gamdict



http://bit.do/gamdict

### Launch event, Moree NSW, 16th Feb 1996



The launch video:

News item | YouTube | Local



Elders



Kids



**Attendees** 

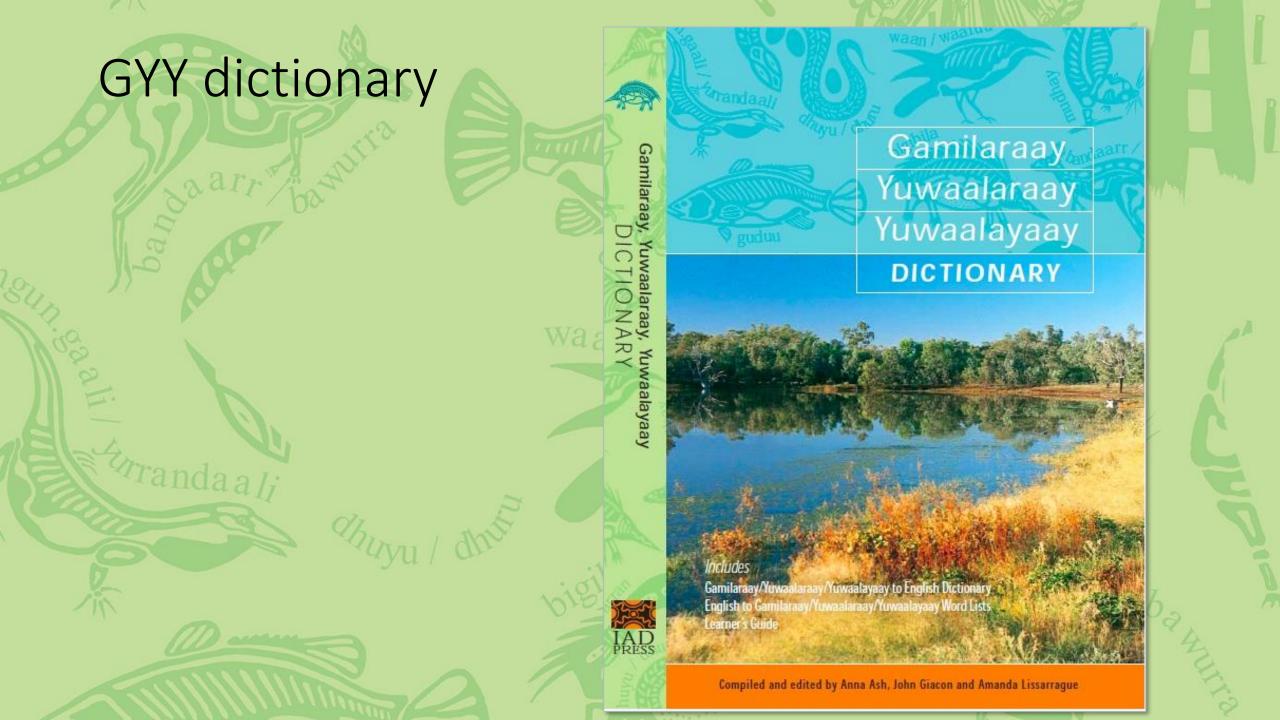
bit.do/gamdict

Average users:

~1,000 per month

Lifetime > 200K





### Gamilaraay Yuwaalaraay Guladha

https://yuwaalaraay.com/



### Flickr album of photos

### Launch of Gayarragi Winangali

Koori Centre, Sydney by Prof Larissa Behrendt March 2009















Gayarragi, Winangali - Find and Hear:

Search over 2000 Gamilaraay Yuwaalaraay words and listen to them. Hear over 1000 sentences spoken by traditional Yuwaalaraay speakers, listen to 30 songs and 13 stories, or do Gamilaraay and Yuwaalaraay crosswords.

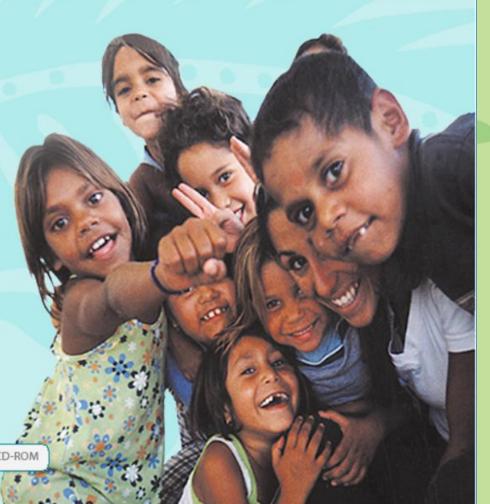
John Giacon & David Nathan

Gayarragi, Winangali is dedicated to all the Gamilaraay Yuwaalaraay people who have helped record and preserve the language, to those who are working to rebuild it, and to those who will speak it in future.

About Gamilaraay/Yuwaalaraay

Maps

About this CD-ROM



Gayarragi, winangali live



GUNDHI HOME

GAAY/GARAY WORDS MANDI SENTENCES GUWAABAL STORIES YUGAL SONGS YULUGI GAMES MAYABIL



#### GY words

Click a first letter to begin

#### ABDGLMNPRUWY

**t** barran

npln\*, placename Gamilaraay, Yuwaalaraay, Yuwaalayaay

barra-li vtr, sharpen

Barrali Mugulbaa pin; sharpening-tools place

barra-y vi; fly

barraay adv; fast, quickly

barraay milu gimbi-li vp; wink

barraaywan *advt*, immediately

barrabandu excl; shame!, oh no!

barrabarruun n; quail

barran n; 1. boomerang 2. Burren Junction

barranbaa n; 1. brigalow wattle 2. location

barranbuu n; nickname

barran.giiba n; boomerang maker

barran.giirr adj; new moon

barranbarraan n; millipede

barranda n; verandah

barrangga n; ground parrot (red-rumped parrot)

barrawan n; golden bandicoot

barrawan n; type of sedge

barrawaraay n; sugar ant

barrgabarrga n; wood duck

9 sentences found for barran

Go to sentences

#### a. boomerang

#### b. Burren Junction (GR)

**barranbaa** *npln\**, *placename* Yuwaalaraay, Yuwaalayaay a. brigalow wattle *Acacia harpophylla* 

- A medium- to large-sized wattle which grows in large thickets known as 'brigalow scrub'.
- b. location (YR)
- A place for collecting timber for <u>barran</u> (boomerangs) near Goodooga. Probably from <u>barran</u> (boomerang) and <u>-baa</u> (place of, time of).

barranbuu noun Yuwaalaraay nickname

> Said to refer to an old stockman who had bow legs.
Based on <u>barran</u> (boomerang) and, possibly, <u>buyu</u> (leg). ▼



barrangiirr.

-giirr.

<u>barran</u>

-moving -Present boomerang -like

Giirr nhama bubaay gilay dhurralaanha,

That new moon is rising, (it's) like a boomerang.

really that,the small moon come

Baayamba, gababala

baayamba, gaba -bala

friend

174

giirr nhama bubaay gilay dhurra-li -laa-y -nha,

good -contrast my boomerang

ngay barran.

ngay <u>barran.</u>

Hey mate, my boomerang is better. [than yours]. [From Wuulaa and Gilaa story]



GUNDHI HOME GAAY/GARAY WORDS MANDI SENTENCES GUWAABAL STORIES YUGAL SONGS YULUGI GAMES MAYABIL LINKS



### ■ English words

Click a first letter to begin

#### A B C D E F G H I J K L N N O P Q R S T U V W Y Z

machinery: iron; machinery gumbadhaa

MacIntyre River: Boobera Lagoon or MacIntyre River

Gawubuwan Gunigal

mad, crazy; stupid, silly; eccentric <u>wamba</u>

mad: silly, mad; pretending! yaambul

maggot; blowfly gamugamuu

magic stone muuliyaay

magpie goose dhawudjarrdalmu

magpie burrugarrbuu, mugarrabaa

magpie-lark: peewee, magpie-lark barriindjiin,

birrgabirrga

Major Mitchell cockatoo: pink cockatoo, Major Mitchell

cockatoo gagalarrin

make (construct) dhurra-li

make (force) buyawila-li

make (something) happen -ma-li

make a corroboree: dance dhan.gurrama-y

make a fire, light a fire wii wiima-li

make better: fix, heal, make better maaruma-li,

maayuma-li

2 sentences found for wamba

Go to sentences

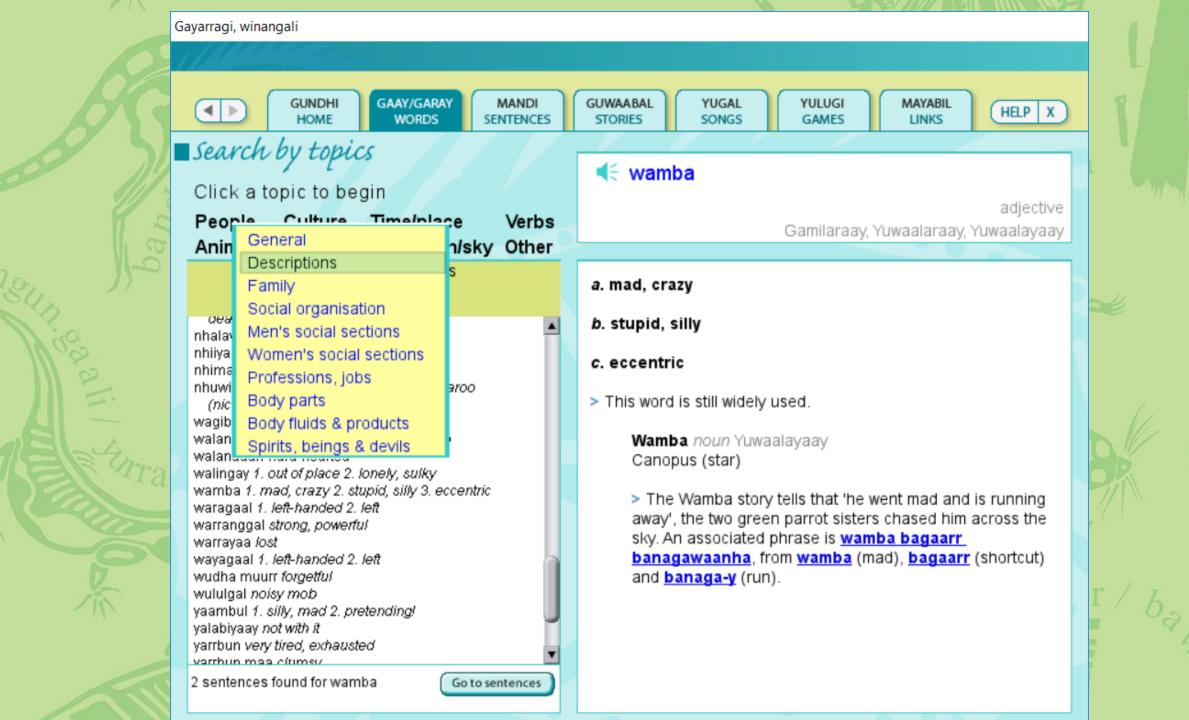


adjective Gamilaraay, Yuwaalaraay, Yuwaalayaay

- a. mad, crazy
- b. stupid, silly
- c. eccentric
- > This word is still widely used.

Wamba noun Yuwaalayaay Canopus (star)

> The Wamba story tells that 'he went mad and is running away', the two green parrot sisters chased him across the sky. An associated phrase is <a href="www.wamba.com/wamba.com





GUNDHI HOME GAAY/GARAY WORDS MANDI SENTENCES GUWAABAL STORIES YUGAL SONGS YULUGI GAMES MAYABIL LINKS



Language: Yuwaalaraay

#### Miyay Garunggay: The Girl Will Drown

- Karen Flick

#### "Garungga-y gi-yaa-nha, barraay banaga-ya

garungga-y -y gi-yaa-nha barraay banaga-y -ya drown -Future going.to quickly run -command

#### dhuwima-li-gu-nha gungan-di."

dhuwima-li -li -gu -nha gungan -dhi remove -Future -purpose -that water -from

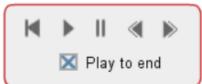
#### Gunidjarr nhama bamba banaga-nhi.

gunidjarr nhama bamba banaga-y -nhi mother that,the hard run -Pasi

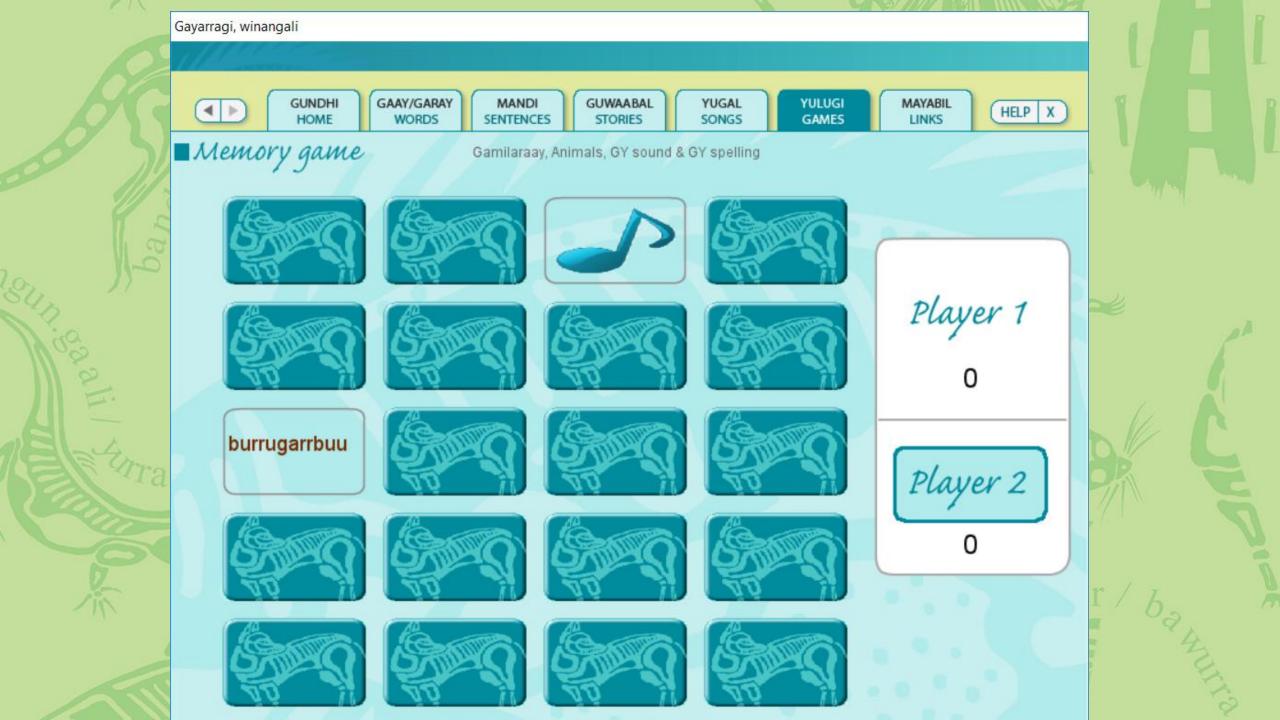
#### Bundaa-nhi gungan-da-bula.

bundaa-gi -nhi gungan -ga -bula fall -Past water -in,at,on -also

"She is going to drown, run and pull her out from the water." Her mother ran there quickly. Then she fell into the water too. Page 2 of 3



Go back to story menu

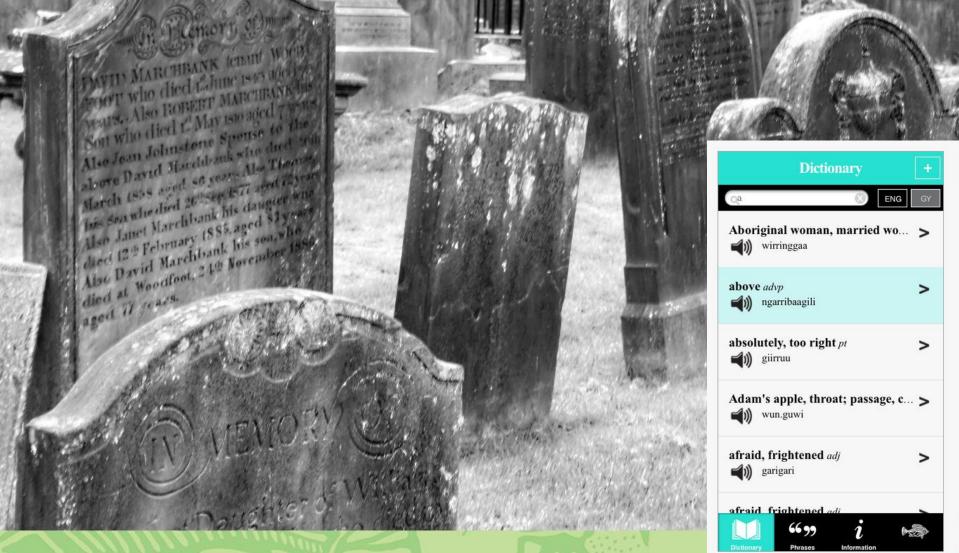


### Registration data and user survey 2012

- stats from download <u>registration form</u>
  - 1st 3 years: 20 per month, 2nd 3 years: 25 per month, now: 20 per month
  - number of learners served: 16,000
- main distillations from <u>survey</u>, implemented in version 2.0 (2014):
  - MacOS version
  - all sentences connected to their speakers (incl photo)
- <u>survey document</u> <u>survey results</u>



### A graveyard of apps?





#### ngarribaagili



place adverb above

From ngarribaa (up) and -gili (side).







**barran** *npln\**, *placename* 

- a. boomerang
- b. Burren Junction GR

**barranbaa** *npln\**, *placename* Yuwaalaraay, Yuwaalayaay a. brigalow wattle *Acacia harpophylla* 

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- b. location YR
  - A place for collecting timber for <u>barran</u> (boomerangs) near Goodooga. Probably from <u>barran</u> (boomerang) and <u>baa</u> (place of, time of).

**barranbuu** *noun* Yuwaalaraay nickname

• Said to refer to an old stockman who had bow legs. Based on <u>barran</u> (boomerang) and, possibly, <u>buyu</u> (leg). alow scrub'.

ably from barran (boomerang) and

Online: <a href="mailto:birna">birna</a>

rang) and, possibly, buyu (leg).

barran.giirr adjective Yuwaalayaay new moon

• Used to describe the moon in its early phase. From <a href="mailto:barran">barran</a> (boomerang) and <a href="mailto:giirr">giirr</a> (like, similar to).

### Revival lexicon as "crossroads"

1 audio

1) sentences

phrases

J learning materials

cross-refs

#### walindja-li v intrans

be lonely

Giirruu nhama-laa birralii-djuul walindja-lda-y ngambaa-dhi nguungu wanaa-ngindaay. 'The baby will be lonely when his mother goes away.'

#### walingay adjective

a. out of place

b. lonely, sulky

 The term <u>walingay</u> is used to describe a range of negative emotions, occuring in compounds such as <u>murrurwalingay</u> (stale) and <u>gana walingay</u> (sad). Also <u>walindjal</u>.

#### waluubaal noun

tree lizard

• Also called sleepy lizard and tree skink *Egernia striolata*. Fred Reece said that it is about 6-8 inches long and lives in the bark of trees.

discussions (online, events)

sources

web lookup

learning community

The new resource will appear late this year at:

bit.do/gamilaraay



The Gamilaraay Yuwaalaraay Dictionary has been used to develop many resources;
Songs: Head, shoulders, knees, toes,
Books: Trees of Yuwaalaraay country

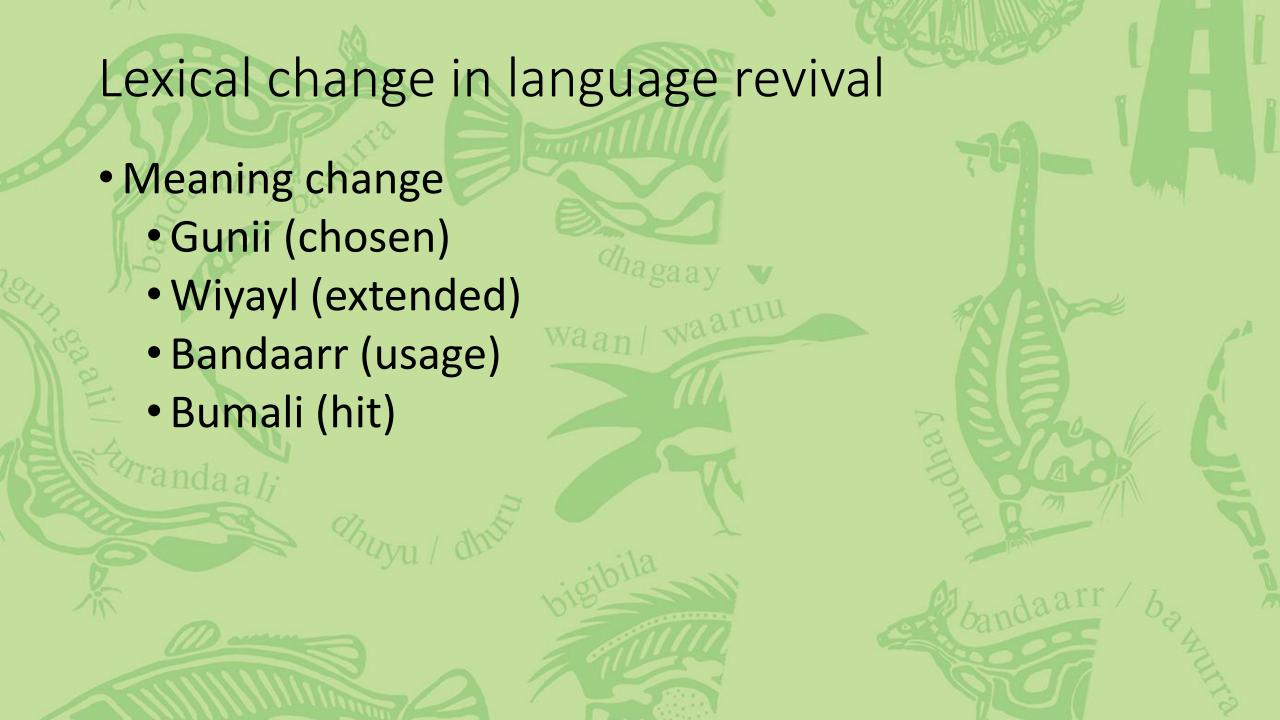
Wordlists

and

Here I am looking at the lexical foundations, the main dictionary

## Dictionaries in fully active and reviving languages

	Fully active language	Reviving language
% of the text/corpus	.00?	50%+
Source of information	Large corpus	Generally small, wordlists, few sentences
Use	Language learners, Spelling, Interpreting text	Main source of lexical information; standardising
	Records usage	Records old usage, but also determines new usage
New words	Records those that arise and are accepted by being used	Distributes new words, in the absence of a speech community
Needs???	User knows the grammar, idioms	Co-learning of the grammar, idioms
Number	Many	One?
Compilers	Many	Few



### Recent lexical development - numbers

balan zero

maa five

yuli six YR, YY, GR

guulay seven YR, YY, GR

galay eight YR, YY, GR

mirraal nine YR, YY, GR

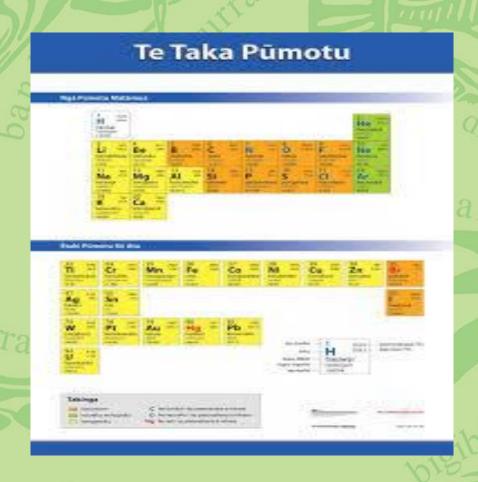
banay ten YR, YY, GR

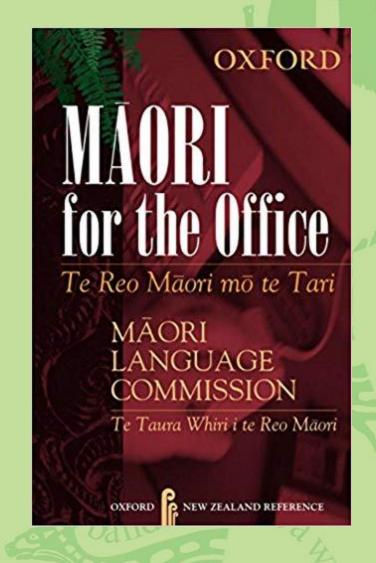
barriga hundred YR, YY, GR

dhawadha thousand YR, YY, GR

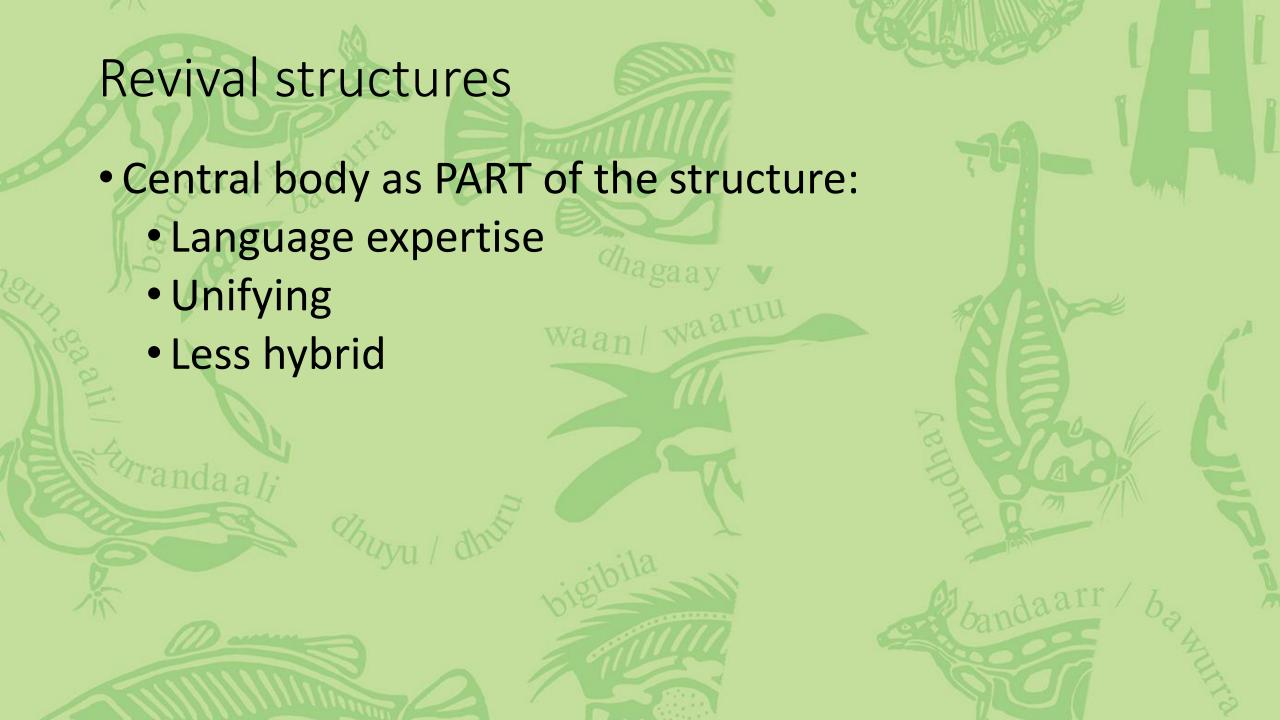
wiwurra million YR, YY, GR

### Māori examples: centralisation





"differential equation model" = tauira whärite pärönaki



### Hybridity and fragmentation

- Hybridity:
  - revived language is a mixture of the traditional language and the reviver's first language (here, English)
- Semantic hybridity:
  - traditional form, English meanings
- Fragmentation:
  - reviving language often exists in fairly small, linguistically insulated spaces, each of which develops its unique version of the language

### Current revival structures

- Vary around the country and state
- Early team
- Current revival team
  - Community
  - Universities?
  - Linguists?
  - Government
- Which elements are currently funded?

### Traditional and recent lexical development

using biyuu 'far' and the verb suffix -ya-li 'talk':

- biyuuya-li verb transitive. telephone from YR
- biyuuyal noun. telephone. Newly developed word
- biyuuyalduul noun. mobile telephone

(in app Ma! Gamilaraay) see also http://tinyurl.com/jgpublications, "dictionary supplement"

- Gamilaraay Yuwaalaraay, Wangaaybuwan
- Many verb roots are compound: e.g. dha/nga 'test'

GY	Gloss	Second part of root	Wangaaybuwan	Gloss
dha.ma-li	feel	hand		
dha.dha-li	taste	mouth		
dha.ya-li	ask	speak		
- 11 11 11 11 11 11 11 11 11 11 11 11 11	3/1	1		

- Gamilaraay Yuwaalaraay, Wangaaybuwan
- Many verb roots are compound: e.g. dha/nga 'test'

-	GY	Gloss	Second part of root	Wangaaybuwan	Gloss
	dha.ma-li	feel	hand	nga.ma-li	feel
	dha.dha-li	taste	mouth	nga.dha-li	taste
n	dha.ya-li	ask	speak	nga.yaama-y	ask
0					
			7 . 2 . 2		

- Gamilaraay Yuwaalaraay, Wangaaybuwan
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GY	Gloss	Second part of root	Wangaaybuwan	Gloss
dha.ma-li	feel	hand	nga.ma-li	feel
dha.dha-li	taste	mouth	nga.tha-li	taste
dha.ya-li	ask	speak	nga.yaama-y	ask
		pierce	nga.ga-li	test (poke hole)
		do.away	nga.bi-li	test-do.away
		dhina 'foot'	nga.dhi-li	test w foot

- Gamilaraay Yuwaalaraay, Wangaaybuwan
- Many verb roots are compound: e.g. dha/nga 'test'

GY	Gloss	Second part of root	Wangaaybuwan	Gloss
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dha.ya-li	ask	speak	nga.yaama-y	ask
dha.ga-li		pierce	nga.ga-li	test (poke hole)
dha.bi-li		do.away	nga.bi-li	test-do.away
dha.dhi-li		dhina 'foot'	nga.dhi-li	test w foot

 Would GY developing calques of the Wangaaybuwan words which are not recorded in GY be a way of maintaining more of the traditional language? Even if these are not recorded in any GY source? • Is the alternative to develop new words, which are semantic equivalents of English words?



manu

## 'do to somebody else's'

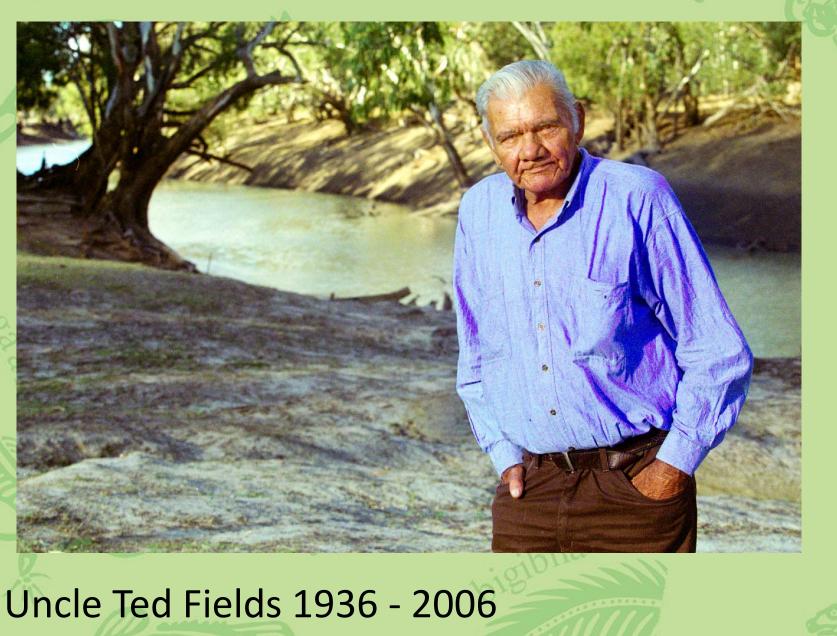
Yuwaalaraay	Gloss	Second part of root	Wangaaybuwan	Gloss
manu.ma-li	steal	hand	manu.ma-li	steal
		mouth	manu.dha-li	steal (dog)
		move away	manu.mbi-li	steal?
		pierce	manu.ngga-li	steal
		foot	manu.dhi-li	steal ball?? soccer

manu

## 'do to somebody else's'

4	Yuwaalaraay	Gloss	Second part of root	Wangaaybuwan	Gloss
	manu.ma-li	steal	hand	manu.ma-li	steal
1	manu.dha-li		mouth	manu.nhdha-li	steal (dog)
	manu.bi-li		move away	manu.mbi-li	steal?
(	manu.ga-li		pierce	manu.ngga-li	steal
	manu.dhi-li		foot	manu.dhi-li	steal ball?? soccer

# Lexical development which: Maintains traditional patterns Is easily distributed and maintains language coherence What structures will best support the development of an expanded Gamilaraay Yuwaalaraay lexicon: which maintains as much as possible of the traditional language and • enables extensive communicative use of the languages



Yuwaalaraay / Ularoi Elder and language champion