

SCORES FROM THE COMPARISON. (100 FUNCTOR LIST, see enclosure)

Madarrpa													
88 Wagilak													
88 95 Ritharrŋu													
43	44	42	Dhalwaŋu										
46	50	47	67 Liyagawumirr										
48	50	49	65	94	Gupapuyŋu								
50	52	50	65	88	88	Djambarrpuyŋu							
50	50	51	66	83	86	91	Gumatj						
43	47	46	66	79	79	85	81	Djapu					
38	40	40	45	52	52	55	52	48	Galpu				
35	36	37	42	50	50	50	52	45	90 Rirratjiŋu				
33	32	33	37	47	47	45	43	42	85	84	Wangurri		
31	30	31	41	43	44	41	44	42	84	79	80	Warramiri	
36	32	32	39	41	40	35	35	38	46	46	50	40	Golpa

PHONOLOGY OF YOLŪU LANGUAGES ("typewriter phonetics" used hereafter):

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>							
p	t	t	c	T	k	'							<i>fortis</i>
b	d	d	j	D	g								<i>lenis</i>
m	n	n	ñ	N	ŋ								<i>nasal</i>
w		r	y	R									<i>continuant</i>
		l		L									<i>lateral</i>

- 1 Bilabial
  - 2 Lamino-dental: *th, dh, nh*
  - 3 Apico-alveolar: *rr*
  - 4 Lamino-alveolo-palatal: *tj, dj, ny*
  - 5 Retroflex (apico-domal): t, d, n, r, l
  - 6 Velar
  - 7 Glottal
  - 8 Front: *i, e*
  - 9 Central: *a, ä*
  - 10 Back: *u, o*
- |          |          |           |
|----------|----------|-----------|
| <u>8</u> | <u>9</u> | <u>10</u> |
| i        |          | u         |
| i:       |          | u:        |
|          | a        |           |
|          | a:       |           |

100 FUNCTOR LIST FOR YOLŃU LANGUAGES. [Revised from that of 8.78]  
 Final Version as of 11.79.

rdz

- 001 Nom/pro-1 I ɲara / ɲaya  
 002 Nom/pro-2 you-1 ɲi: / ɲunu  
 003 Nom/pro-3 he/she ɲayi / ɲa:n  
 004 Nom/pro-1+3 we-2-excl ɲaliŋu  
 005 Nom/pro-1+2 we-2-incl ɲali  
 006 Nom/pro-2+2 you-2 ɲuma-maŋDa /-wulay  
 007 Nom/pro-3+3 they-2 maŋDa / ɲupaɪ  
 008 Nom/pro-1+3+ we-all-excl ɲanapu(ru)  
 009 Nom/pro-1+2+ we-all-incl ɲilimuru / ɲalma  
 010 Nom/pro-2+2 you-all ɲuma / ɲi:li  
 011 Nom/pro-3+3+ they-all walala / ɲanaɪ  
 012 Acc/pro-2 you-1 (object) ɲuna  
 013 Acc/pro-3 him/her (object) ɲaŋa / ɲana  
 014 Acc/pro-1+2 us-2-incl (obj) ɲicalana / ɲaliŋ  
 015 Gen/pro-1 mine ɲaraku / ɲa:ku  
 016 Gen/pro-2 yours-1 ɲunju / ɲungu  
 017 Gen/pro-3 his/hers ɲanju / ɲangu  
 018 Gen/pro-1+3 ours-2-excl ɲiŋalangju / ɲaliŋungu  
 019 Gen/pro-1+2 ours-2-incl ɲicalangu / ɲalingu  
 020 Gen/pro-2+2 yours-2 ɲumalangju / ɲumalingu  
 021 Gen/pro-3+3 theirs-2 maŋDangu / ɲupalingu  
 022 Gen/pro-1+3+ ours-all-excl ɲanapurungu / ɲanapilingu  
 023 Gen/pro-1+2+ ours-all-incl ɲilimurungu / ɲalmalingu  
 024 Obl/pro-3 to(wards) him ɲanu-kala / ɲan-guLi  
 025 Question particle really? ɲuka / ɲaca  
 026 Nom/deic-1 this (near me) ɲuwala / ɲaju  
 027 Nom/deic-1+2 this (near us) ɲuwali / ɲawan  
 028 Nom/deic-2 that (near you) ɲuni(yi) / ɲuna  
 029 Nom/deic-3 that (yonder) ɲuna / ɲana  
 030 Loc/deic-1 here (near me) ɲiyala / ɲinal  
 031 Loc/deic-1+2 here (near us) ɲiyali(yi) / ɲinalaya  
 032 Loc/deic-2 there (near you) ɲunili(yi) / ɲunala(ya)  
 033 Loc/deic-3 there (yonder) ɲunala / ɲanalaya

100 FUNCTOR LIST FOR YOLŊU LANGUAGES (11.79)

- 034 Topic suffix "the" -(ñ)ja / -ma  
 035 Ergative/Instrumental 'with (X)' -du (-yu)  
 036 Genitive/Dative "to/for" -gu (-wu)  
 037 Originative "produced by, from" -guru / -wuru  
 038 Locative-inanimate "at" -ŋuRa / -ŋa  
 039 Ablative-inanimate "from" -ŋuRu  
 040 Allative-inanimate "to(wards)" -lili / -Li  
 041 Pergressive-inanimate "through" -kuru / -muru  
 042 Associative-inanimate "about" -buy (-wuy)  
 043 Associative-animate "about/concerning" -cala-ŋu-wuy / -wuru-wuy  
 044 all bukma / warpa / guku  
 045 one wangañ  
 046 two ma:rma' / bual'  
 047 three Lurkun'  
 048 Dual-suffix -maŋDa / -wulay  
 049 Plural-suffix -mala / -wuru / -wara  
 050 not-having (suffix) -miRiw / -nara
- 
- 051 having (suffix) -miri / -mi  
 052 that-way, to there bala  
 053 this-way, to here lili / Ra:li  
 054 on this side balakuru / duwalayaku / dawican  
 055 otherside Laypa / Raypa  
 056 up/above garwaR / garamat  
 057 downward/bottom ŋu:y-ŋuRa / ŋu:y-ŋa  
 058 down-hill/river yarup-turu / yarup-tuwa  
 059 up-hill/river DuwaT-turu / DuwaT-tuwa  
 060 what? na:  
 061 why?, what for? na:ku / na:wu  
 062 when? na:ta  
 063 how?, by what? na:yu / na:liy  
 064 who? yu:l  
 065 who (ergative)? yu:ltu  
 066 what-you-may-call-it na:wuy / na:pa  
 067 which? wana(ka) / ŋala  
 068 from where? [associative] wanaguwuy / ŋalanuwuy  
 069 which way?, where to? wanamala / wanakuru / ŋalawican  
 070 do(ing) what? nalcan / nalpiyan

- 071 none (existential) ba:yŋu(na) / da:wul(na)  
 072 not (preverbal) yaka  
 073 today ga:tuRa / jinaŋbala  
 074 tomorrow gu:Dar' / baRktu  
 075 yesterday baRpuRu / yawungu  
 076 later-on (today) yalala / yaŋuwa  
 077 earlier (today) ŋa:tili / ŋa:ciI  
 078 other (same); again bulu / biyapuL  
 079 other (different) wiRipu / waRipu  
 080 then, so; because bili  
 081 afterwards; and then bi:ŋuRu(ŋ)ja / bi:wali  
 082 and ga  
 083 causative (suffix) -maRa- / -ma-  
 084 inchoative (suffix) -ti-ri / -yi-  
 085 progressive (preverb) yukura / ga' / yaka / ma  
 086 definite-future (preverb) yuru / du / ŋaru  
 087 tomorrow-future (preverb) bungunŋu / bungama / baRktu  
 088 habitual/repetitive (preverb) ŋuli / bayin  
 089 go; walk marci / ŋarun  
 090 stand da:ra / da:ya  
 091 sit ni:na / ŋi:na  
 092 lie-down ŋu:ra / yukura / ŋu:ya  
 093 slowly bulna  
 094 quickly bu:ndi / ganjaryu  
 095 carefully guruh'  
 096 maybe maku / wilak  
 097 still, yet baDak  
 098 emphatic/reflexive (pronoun) -pi / (-bay)  
 099 greedy-for [prefix/suffix] buku- / Da:mbu- / gayawak-  
 100 (it is) finished Liŋuna / bilin

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 FORMS OMITTED FROM PREVIOUS LISTS:

- Oblique-pronoun-2 '(to)wards you-1' [covered #012, 016, 024]  
 Nominative [Pan-Yolŋu \* -∅ suffix]  
 Accusative [Pan-Yolŋu \*-na suffix, realised as -ŋ in vowel-dropping lgs]  
 Rightful-owner [Pan-Yolŋu \*-waTa-ŋu; not felt to be a functor per se]  
 Animate locative, allative, ablative [formation as for Animate-Assoc.#043]  
 Reflexive/Reciprocal Verb suffix [same as #051 'having']

EVIDENCE FOR SUBGROUPING WITHIN YOLŪU:

1. Golpa - independent - low scores throughout; 50% with Marramiri.
2. Gālpu-Rirratjīnu-Mangurri-Marramiri - cluster - mutually high scores.
3. Djapu-Gumatj-Djambarrpuyŋu-Gupapuyŋu-Liyagawumirr-Dhalwanu - cluster - mutually high scores; with Dhalwanu as "well-marked" dialect, possibly forming independent subgroup.
4. Madarrpa-Magilak-Ritharrŋu - cluster - mutually high scores.
5. Djinaŋ - independent [Insufficient data to date to complete full list, but enough cognates to insure macro-group membership.

Further evidence for subgrouping?

- 1 + 2 "Northern Yolŋu"  
 3 + 4 "Southern Yolŋu"  
 5 "Inland Yolŋu"

THE "POWER" OF THE FIRST 50 FUNCTORS (pronouns, deictics, case-marking suffixes, numerals).

Madarrpa

46 Magilak										
48 47 Ritharrŋu										
24	23	<u>22</u>	Dhalwanu							
23	24	23	37 Liyagawumirr							
25	23	24	35	47	Gupapuyŋu					SOUTHERN YOLŪU
24	23	<u>22</u>	36	44	42	Djambarrpuyŋu				
26	23	25	35	43	45	46	Gumatj			
<u>20</u>	<u>22</u>	<u>21</u>	35	40	39	43	39	Djapu		
17	15	16	13	18	17	<u>20</u>	18	16	Gālpu	
17	15	16	17	19	13	19	<u>20</u>	16	49 Rirratjīnu	
15	13	14	15	18	19	19	18	16	46 45 Mangurri	NORTHERN YOLŪU
15	13	14	16	16	17	16	16	16	44 41 42 Marramiri	
18	15	16	19	13	18	18	18	16	23 23 23 <u>21</u> Golpa	

EVIDENCE FOR SUBGROUPING WITHIN YOLŪU.

1a. "NORTHERN YOLŪU" [(1) Go1; (2) Ga1, Rir, Man, War]

- 1a.1. 002 \*nunu 'you-1' : 1 nu:nu, 2 nunu; (2) War ŋunu; (5 ŋone).
2. 007+048 'they-2; dual' : 1 -balay; 2 - wulay; (5 bilinj).
3. 010 \*nuruli 'you-3' : 1 nuruli; 2 ŋi:li (< \*nuyuli); (5 ŋiliji).
4. 026 \*danu 'this-1' : 1 nanu (assimilation); 2 danu; War janu.
5. 038 \*-ŋa Locative : 1, 2 -ŋa.
6. 041 \*-muru Progressive : 1, 2 -mur.
7. 043 \*wuRu- Animate Increment : 1, 2 -wuRu- [-wuRu-wuy / -wuRu-y].
8. 050 \*-nara Privative : 1 -nara-ŋu; 2 -nara.

1b. "SOUTHERN YOLŪU" [(3) Da1, Liy, Gup, Jam, Gum, Jap; (4) Mad, Wag, Rit]

- 1b.1. 002 \*ni: 'you-1' : 3, 4 ni:
2. 007+048 'they-2; dual' : 3, 4 maNDa 'they-2'; 3 -maNDa 'dual suffix'.
3. 021 \*maNDangu 'theirs-2' : (3) Da1, Liy maNDan, Jam maNDak, Gup maNDangu, Gum maNDaku, [Jap maNDa1]; 4 maNDan.
4. 041 \*-kuru Progressive : (3) Gum, Gup -kuru, Da1, Liy, Jam, Jap -kur; (4) Mad, Rit -kuru, Wag kur.
5. 043 \*Gala- Animate Increment : (3) Da1, Jam, Jap -wala-ŋu-, Gum -gala-ŋu-, Gup -gala-ŋa-, Liy -wala-ŋa-; 4 -gala-
6. 050 \*-miRiw Privative : (3) Da1 -miR, others -miRiw; 4 -miRiw.
7. 053 \*lili 'this-way' : (3) Gum, Jam, Jap lili, Da1 Li; 4 lili.