

STRUCTURE

1A

Doris Day
WARNER BROS. PICTURE



George W. Grace

- 1 Ormu
- 5 Tarfia
- 9 Waropen
- 13 Ambai (Japan)
- 17 Kajupulan
- 21 Sobei
- 25 Biak
- 29 Wandamen
- 33 Boggo

b	d	j	ʃ		i	u
	t	c	k	(ʔ ?)	e	o
	r	ʃ	(ʒ ?)		(ɛ)	(ɔ)
v(f,p)		s	x	h		a
m	n	ñ	ŋ			
w		y				

This sound system is very tricky.

labials: m, w, and probably 2, possibly 1 other. If 2, one is b.

apicals: n, t, d & probably r, d & r may be one phoneme.

palatals: j is apparently ~ y. c apparently can < ty, also may ~ s, ñ & ny both heard, & if palatal series are all allophones or morphophonemic realizations, ñ of course becomes suspect.

velars: probably only 2: k (≡ x, ɣ) & ŋ. ɣ is rare

glottals: h, ? not likely to be phonemic, although sometimes heard in word final

Vowels: probably 5 vowel system, although e & e^h, o & o^h are heard. The accent pattern appears to use tone, length, & stress - I believe these have distinctive function only as they operate in accent system.

Tendency for initial consonants to be unvoiced (incl. r)

omuu

	before verbs	1	2	3	4	5	affix	reflexive
ndee 2.	nay	as-	as-	ak-	aikwai-	tuxu-	-(a)xo	-va
you	o	kw-	k-	k-	"	naten-	-(a)g	-vto
he	ria, e	s-	s-	y-	"	natia-	-(e)	-vja
we find	nda	j-	j-		tara-	natera-	-(a)ra	-va
" (kd)	neni	h-	h-		aikai-	nateni-	-(a)ni	"
ye	nini	am-	am-		"	"	-(a)ni	"
they	nsa	-	-		raxai-	nateha-	-(a)ha	"

with nouns

	1	2	3	4	5	7	8	9
1 nexu	-	-kwa	-(a)xu	-kwa	-(a)xay-	nexu	-(a)xu	-(a)xu
2 oni	-	"	-(e)	-"	-(a)yn-	inī	-(u)ja	-(a)g
3 ŋa	-	"	-(e)	-"	-(e)g-	nsa	-(u)ja	-(e)
1 nda	-	-ra	-(a)ra	-ra	-(a)ray-	nāam		-(a)ra
1 neni	-	-kwa	-(a)ni	-ni	-(a)yn-	nēni		
2 nini	-	"	-(a)ni	-ni	-(a)yn-	nēni		
3 nsa	-	"	-(a)ha	-ha	-(a)hay-	nsaha	-(u)ha	

6	7	8	9
ako-	ankwan-	as-	aija-
ko-	kwau-	kw-	
io-	ia-	s-	
tajo-	tea-	tukw-	ja-
ha-	ha-	arkw-	
ama-	ama-	am-	
jo-	ja-	rukw-	da-

Tarfia

5

b d
 p t k ʔ
 m n ɣ
 r, l, s, w, y

i u
 e (ə) o
 a

a few cases of \bar{n} (could this be $n\bar{y}$?), 1 of g in combination gg (= gk ?)
 All occur initially except l, g, \bar{n}, \bar{y} (?).

Jagna

verb suffix

verb prefix

1	dute	n-	y-	n-
2	ik	k-	k-	k-
3	i	k-	-	-
1	dute	t-	t-	
1	dim	d-	d-	
2	kam	d-	d-	
3	di	da?-	de?-	

Noun possessive

- 1 dukni -k
- 2 ikni -m
- 3 ini -
- 1 diteni -?dik
- 1 dimni -?dim
- 2 kamni -?dim
- 3 dini -?di

b	d	g
p	t	k
v		ɣ
f		
m	n	ŋ

s, t, i, u, ɔ

consonant length phonemic (tamb' fan'a, 'panah' kana)

There seem to be no initial occurrences of p, t, g, f, ŋ, s, ɔ

Waropen

verb prefix

	ia-	iar-	iaf-	iao	spiyi	i-	iaV-	ia-	iod-	-iao	-ia
1	iao	iar-	iaf-	iao	spiyi	i-	iaV-	ia-	iod-	-iao	-ia
2	ako	ar-	af-		spiyi	—	av-		agod-	-ko	-ako
3	io	r-	f-		ji	r-	g-	ag-	god-	-io	-io
1	ino	d-	p-		ki	k-	b-	k-		-ko	-ino
1	ano, aka	and-	ap-			agg-	amb-			-no, -ko	-ang, aka
2	muo	mind-	mip-		mi-	m-	mimb-		mod-	-muc	-muc
3	kio	kir-	kip-		i	—	kiv-	—		-kio	-kio

verb suffix

Noun possession

1	iaV-	iar-	iad-	i-...-ni
2	av-	ar-	ad-	ag-...-vako
3	v-	r-	d-	g-...-ya
1	ino b-	d-	d-	k-...-ni
1	ano amb-	and-	ad-	agg-...-ni
2	muo mimb-	mind-	mind-	m-...-vako
3	kio kiv-	kir-	kid-	—...-ya

b d (j=h)

p t k

v

f

h

m n (ñ) ŋ

r, s, u, i

(ŋ, h, s may not be permitted initially).

verb prefix

verb suffix

1	<u>ja</u>	ira	j-	irai
2	<u>wa</u>	ro	w-	wai
3	i	da	d-	dei
1	tata	tara	tat-	tavai
1	amea	amea	amet-	amevai
2	mea	mea	met-	mevai
3	ea	era	et-	evai

further changes for
direct & indirect

Noun possession

1	<u>na</u> -in-hu	-hu
2	"-in-mu	-mu
3	"-in-mpoi	--
1	tava-in-mi	
1	ameva-in-mi	
2	meva-in-mi	
3	eva-in-mi	

further changes for direct & tr.

Kajipulan

verb prefix

suffix

1 noxo	u-	na-	is-	kw-, k-	- (k) noxo
2 ne	u-	na-	bes-	k-	- (k) ne
3 ñe	ce-	na-	ces-	k-	
1 tra	ta-	tra-	tas-		
1 tñi	ma-	na-	mas-	k-	- (a) tñi
2 nenu	ma-	na-	mas-	ke-	- (a) nnu
3 die	ra-	ra-	des-	k-	- (a) ti

nom possession

1 noxo	-jaxu	-tra -xu
2 ne	-neja	-ne -ne tia
3 ñe	-ñaie	-ña -ña tie
1 tra	-iara	-tra -tra trara
1 tñi	-tñiani	- (a) tñi -tñi tñiani
2 nenu	-nujanu	-nu tñanu
3 die	-tiarji	-ti tñarji

t	d		g		i	u
p	t		k	ʔ	e	o
f					a	
m	n	ɸ	ŋ			
ɰ, ɥ, ʝ, ʀ						

all occur initially except ɸ, ŋ, ʝ, ʀ. All of these, except ʀ, are quite rare & probably not phonemic if I even heard them aught.

t d g

p k

f

m n ñ ŋ

i, u, s, ʃ

l u

e a^o

all occur initially except g & ŋ. ñ (one case only?), prob. doesn't exist, prob. ni.

b d g
 p t k
 r

m n ñ ŋ

r, s, w, y

all but g + ~~g~~ occur initially. both very rare - g found only in gg
 combination

verb prefix

- | | | | |
|---|-------|-------|-------|
| 1 | in- | ita | i- |
| 2 | nom- | rua | bi- |
| 3 | nie | ria | d- |
| 1 | tane- | tanda | tat- |
| 1 | ama | menda | amat- |
| 2 | mia | menda | met- |
| 3 | sene | senda | set- |

b d j
p t k
f
m n ŋ

ɣ, ɬ, ʂ, ʈ

Initially all but j, ŋ, ɬ (?)

Bonggo

verb

1	dian	-	ne-	ne-	na-	n-	na-	-(n)
2	ik	ke	ke	ka-		k-	ki-	ka(n)-
3	i	-	di-	ka-	aka-	-		aka(n)-
1	dik	tke-	tak-		taka-	t-	ti-	taka(n)-
1	duom	de-	de-		dza-	m-	da-	da(n)-
2	kam	de-	de-			m-	da-	
3	di	dike-	dak-	deke-		d-		daka(n)-

nom.

1	dian	-k	piak	miak	siek	taiñak	fkwok-	npeina
2	ik	-m	pian	miam	sieim	taiñam	fkwom-	kpaina
3	i	-	pia	mia	sia			
1	dikdi	-dik	paidik	medik	sadik	tarendik	fokdik-	takrifna
1	duondi	-dim	paidim	medim	sadim			drifna
2	kamdi	-dim	paidim	medim		tarendim	fokdim-	drifna
3	didi	-di	paiddi	medi	sadi	tarendi	fokdi-	deknifna

Bozgs may have only a 3 vowel system - The same could
be true of Sarfa(?) , Wabde.

I should look into the Bozgs forms given for Eng. adjectives.
Prof. said they were giving "kata unum", but they seem to decline
(by person, as in Romance?)

