

Map 5 Locations of languages of the Lower Sepik family

among Papuan languages, which are often typologically similar, is likely to be even more pervasive, but much more difficult to discover. these examples of language mixing are not too difficult to identify. Language mixing typologically very different from Papuan languages and comparatively well studied, mixed languages (see Dutton 1976). As Austronesian languages are usually

7.2 The Lower Sepik family: a comparative study

regard them as one for the purposes here. The source of data for each language is as and Kopar are very closely related, almost dialects of the same language, so I will Kopar (250 speakers). Map 5 gives the relative positions of the languages. Murik Angoram (7,000 speakers), Chambri (1,200 speakers), Murik (1,500 speakers) and languages in this family are Yimas (250 speakers), Karawari (1,500 speakers), techniques of the comparative method may be applied to Papuan languages. The languages spoken in the Sepik basin, with a view to exemplifying how the specialized In this section I will take a detailed look at the Lower Sepik family, a family of six fieldnotes; Abbott 1977; and Laycock's fieldnotes of 1959 trip), Chambri (own follows: Yimas (own fieldnotes), Karawari (own fieldnotes), Angoram (own

> structed Proto-Lower Sepik (PLS) phonemes are presented in Table 3. languages shown in Table 2 (K after words in the Murik column indicates Kopar Abbott 1978). Consider first the possible cognates in a basic word-list for the five forms). A number of straightforward consonantal correspondences with reconfieldnotes and Pagotto 1976), Murik (Schmidt 1953; Abbott 1977; 1978; Abbott and

Table 2 Lower Sepik family: basic word-list

35 mosquito		33 'crocodile'	32 'pig'	31 'lime'	30 'betelnut'	29 'oar'	'tomorrow'	28 'yesterday'/	27 'tree'		25 'egg'	24 'ear'	23 'hair'	22 'nose'	21 'eye'	20 'tongue'	19 'bone'	18 'blood'	17 'tooth'	16 'breast'	15 'village'	14 'louse'	13 'canoe'	12 'star'	11 'moon'	10 'sun'	9 'fire'	8 'water'	7 'father'	mother'	6 'female/	5 'male'	4 'person'	3 'three'	2 'two'	1 'one'	
naŋgun	wakin	manba	numbran	awi	patn	muraŋ	ŋarɨŋ		yan	nɨmbrɨm	ашр	kwandu ni ŋ	wapwi	tikay	tuŋgurɨŋ	minyig	tanim	yat	tiriŋ	nigay	пит	nam	kay	awak	mila	t i mal	awt	ar i m	apwi	рау		panmal	narmaŋ	-ramnaw	-rpal	mba-	Yimas
yaŋgun	wakin	manbo	imbian	as	payn	minaŋ	ariŋ		yuwan	yimbr i m	уашр	kwandukas	wambi	ipun	sambis	muminyiŋ	tanim	yay	sisiŋ	njay	imuŋga	yam	kay	suŋgwinc ɨrɨm	tuŋgwi	simari	awi	arim	anay	asay		panmari	yarmasinar	-rianmaw	-ripay	mba-	Karawari
wawarin	paruŋ	walami	imbar	awer	parin	inap	nakimin		lor	(nam)blum	ашр	kwandum	mbwikmaley	naŋɨm	tambli	miniŋ	saliŋ	ayakone	sisiŋ	ηge	num	nam	ke	arenjo	m i le	mbwino	aluŋ	al i m	apa/ano	nugor	,	pondo		-el i m	-(lɨ)par	mbia-	Angoram
папдип	wan	ayi	numpran	ayir	muntikin	naŋk	namasiniŋ		yuwan	n i mpramp	awŋk	kukunam	yawi	wambusu	sisiŋk	t i bulan i ŋk	anamp	yari	sraŋk	nigke	num	kurir	ke	suŋkwi	mwil	sinmari	ayir	ar+m	kanu	kaye			noranan	-ram	-ri	mbwia-	Chambri
nauk/naŋg+t(K)	wakin	oramen	(nim)bren	ayr	porog	inaŋ	ŋarɨŋ		yarar	nabirik	gaug	karekep	dwar	daur	nabrin	men i ŋ	sariŋib	yaran	asarap	niŋgen	nomot	iran	gain	moai	karewan	akin	awr	arɨm	apa	ŋai		puin	nor	kerongo	$kompari(\mathbf{K})$	abe	Murik

Table 2 (cont.)

	Yimas	Karawari	Angoram	Chambri	Murik
36 'chicken'	nakwan	yakwan	kɨlɨkala	nakwan	goabar
37 'sago grub'	wun	wun	wurin	wun	kamur
38 'sago palm'	tinum	simasum	(t)uli(no)	tinum	dun
39 'sago refuse'	tiki	sikis	tikir		
40 'pound sago'	pan-	pan-	pan-	pun-	pon-
41 'wash sago'	tuku-	suku-	tuku-	tuku-	tokun-
42 'hear'	andi-	andu-	and i -	and i -	din-
43 'hit'	tupul-	kurar-	ti-	dii-	di-
44 'eat'	am-	am-	am-	am-	min-
45 'go'	<i>wa-</i>	kuria-	kal-	wa-	on-
46 'faeces'	milim	mindi	m i ndi	munjar	m i nd i n
47 'spine of					
leaf'	kiniŋ	kinig	kinig	$k \neq n \neq g k$	kinig
48 'leg'	ратиŋ	pamuŋ	патиŋ	namaŋk	namon(K)
49 'big'	k∔pa-	kupa-	kupa-	wupa-	apo-
50 'cold'	tarik	sarik	popant	saruk	ser+patin(K)

Table 3 Lower Sepik phoneme correspondences: consonants

PLS	
Yimas	
PLS Yimas Karawari Angoram Chambri Murik F	
Angoram	
Chambri	
Murik	
Examples	

		n*		*	. *				*r	, *	"	*	*	*m	d
	n	n		r/t	-			-	r	У	ŋ	~	¥	Ħ	g
	Y	n		s	s			٧	r	Y		~	¥	Ħ	7
*n → Ky/#	n	n	*s merges with *r in Y and	s	-	l/i	$r \rightarrow Y t/\#$	Т	_	У	ũ	*	W	m	р
	y	n	ith *r in	s	-		7	٦	٦	Y		×	¥	Ħ	р
	n	n	1 Y and *t	s			*r → Ky/a	٦	т	Y	ŋ	g/k	¥	ш	p
	35	5, 16, 32, 34, 37, 47	*t in K	10, 12, 17, 50	38, 39, 41		7	2, 9, 18, 30, 32	2, 3, 4, 8, 26, 28, 50	18, 27	6, 28	13, 24, 47, 50	25, 34, 37	3, 8, 10, 11, 14, 15, 20, 44, 46, 48	2, 5, 30, 40, 49

and voiceless stops and pre-nasalized voiced and voiceless stops, although the problems. Chambri has the most complex system of stops, contrasting plain voiced voiced pre-nasalized stops are rare in Chambri. In final position Chambri The voiced stops and the homorganic nasal-plus-stop clusters present greater

7.2 The Lower Sepik family: a comparative study

217

Table 4 Lower Sepik phoneme correspondences: pre-nasalized stops

PLS	Yimas	Karawari	PLS Yimas Karawari Angoram Chambri Murik Examples	Chambri	Murik I	Examples
*mp mb	mb	mb	mb	ф	ъ	21, 26
	B	Ħ		mp	ь	19, 26
		*mp	→ Y, K,	A m/	#	
*mb	mb	mb	mb mb	mb	4	1
*ŋk	gc	gu	ŋg	ŋk	(ŋ)g	12, 16
	ũ	Ŋ	ŋ		ŋ/g	17, 20, 25, 29, 30, 47, 48
		*ŋk	* $\eta k \rightarrow Y, K, A \eta$ /		#4	
gū,	*ng ng ng	ŋg	1	gc	$k/\eta g(K)^b$ 35	35
(†nt)	no exa	mples				
md.	nd	nd	nd	nd	d/ndc	42, 46

^a The split in Murik between g and g for *gk in final position is unexplained ^b Why Murik shows k rather than the expected g here is unclear.

it reflects the situation in the proto-language. there is no apparent conditioning factor for this Chambri contrast, we must assume neutralized in Yimas and Karawari: compare (12) 'star' with (35) 'mosquito'. As voiceless. The contrast between Chambri pre-nasalized voiceless and voiced stops is voiceless stop with a pre-nasalized stop which varies freely between voiced and realized as voiceless. Yimas and Karawari are the simplest, contrasting a plain neutralizes this to a simple plain versus pre-nasalized stop contrast, with the stop

a voiceless correspondent. The Chambri d is the crucial evidence; it is difficult to do not undergo simplification. I tentatively reconstruct *d for this correspondence: explain away. It could not arise from a pre-nasalized stop because in Chambri they voiced stops generally correspond to pre-nasalized stops in other languages. language. In this word Chambri and Murik show d, while Yimas and Angoram have sketchy. Only (43) 'hit' provides any evidence for a plain voiced stop in the proto-Consider the correspondences in Table 4. For the plain voiced stops the data are very voiced stops, but has pre-nasalized voiced stops only. The plain and pre-nasalized Murik stops are intermediate in complexity. It contrasts plain voiceless and

*d t - t d d 43	PLS Yimas Karawari Angoram Chambri Murik Examples	

^c The alternations in the Murik reflexes could be the result of initial versus intervocal position; other examples of pre-nasalized reflexes are intervocalic: (16) 'breast' and (35)