

PACIFIC LINGUISTICS
D – 32

**A COMPARATIVE WORD LIST OF THE
MABUSO LANGUAGES, MADANG
PROVINCE, PAPUA NEW GUINEA**

J. A. Z'graggen



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J.A. Z'GRAGGEN

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INTRODUCTION

1. The Mabusos languages are located south and south-west of Madang on the north-east coast of New Guinea. The language stock with its 22,869 speakers is named after the Mabusos Open Electorate which covers roughly the same area. The Mabusos language stock was first proposed by Z'graggen (1969¹, 1971a) and formed at that time, with the Usur language group (now Peka Family, a member of the Rai Coast Stock, located east of the Mabusos language area), the Madang Phylum. However, some gaps remained in the unsurveyed part of the Mabusos language area and the eastern boundary was not yet established. The author surveyed the remaining area mainly from January 1971 to November 1973, and as a result updated his previous classification.

2. The Mabusos Stock consists now of three families: Hanseman (C11-C29), Gum² (C6-C10) and Kokon (C2-C5); and one family type isolate, Kare (C1). The stock comprises 29 languages. The division into language and dialect was based on the informants' opinions. A subsequent preliminary comparison of the vocabulary revealed, however, that some of the languages have more than 80% of shared vocabulary, e.g. Panim - Isebe, Silopi - Utu, Wamas - Samosa - Murupi - Mosimo. Despite a high percentage of shared vocabulary in these languages, however, competent informants insisted that their language is distinct from others. Mutual intelligibility among the languages, as given in this study, has yet to be studied and tested. The Sihan language was previously assigned to the Kokon Family but is now regarded as a member of the Gum Family. In the present classification the Mabusos Stock forms part of the Madang Super-Stock which is part of the Madang-Adelbert Range Sub-Phylum of the Trans-New Guinea Phylum (Wurm : personal communication). The Madang-Adelbert Range languages are related to the Trans-New Guinea languages; but since

only part of the presently known Trans-New Guinea Phylum vocabulary is found to be present, the status of a sub-phylum is given. A summary of the Madang-Adelbert Range Sub-Phylum is given in Z'graggen 1975a and an overall view of the languages of the Madang District is presented in Z'graggen 1975b. Some of the Mabuso languages were recently included in wider area studies by Loukotka (1957), Salzner (1960), Capell (1962, 1969), Voegelin and Voegelin (1965), Wurm (1971) and Greenberg (1971).

3. This volume presents in comparative tables a list of around 300 words for further research and evaluation. The personal pronouns are given in their free, genitive and verbal object forms (pp.7-12, 160-62). The pronouns in each individual language are also given in Appendix B for further evaluation. In Appendix B the possessive pronoun forms followed by the possession marker are also included. It is observed that in some cases such as Kare the possessive pronoun is a reduplication of the pronoun root.

In the Gum, Munit, Sihan, Garuh and Kamba languages the free plural pronoun forms are suffixed by -ke, -ge, -g which is in complementary distribution to the dual forms, and a morpheme division is given. This suggests that the plural pronoun forms are suffixed by a plural or dual number marker. But the above mentioned plural pronoun is also found with the singular pronoun forms as in Bagupi, Saruga, and this makes such a derivation questionable. The formation of the dual pronoun forms could also be understood as a change of consonant as is the case for the affixed genitive and verbal object pronoun forms. This means that the velar stop of the free pronoun becomes r, l, t, y, s, Ø. In some cases such as Samosa, Murupi, the numeral 'two' is added and in Girawa, Bemal, Yoidik and Rempi a noun root suffixed by the singular pronoun is employed (see Appendix E).

The free pronouns belong to Set III of the Trans-New Guinea pronoun sets (see Wurm 1975a) with some exceptions in Kare. The u'pa 'he' form in the Gum languages could be assigned to set III or II.

Additional words are to be found in Miklukho-Maklai (1951), Dempwolff (1905), Waugh (1924-25), Kaspruś (1942-45) and Mager (1952), etc. For identification of the language names see Z'graggen 1975b. Inselmann's comprehensive dictionary on Garuh (Nobanob) and Wullenkord's on Amele are unpublished. At the bottom of each column forms for the reconstructed Austronesian languages known as Proto-Oceanic (PO)³ are provided, wherever the reconstructions are known. Although genetically unrelated, Oceanic Austronesian and Papuan languages have been in contact for several thousand years in the New Guinea area and some borrowing has taken place.

The Proto-Oceanic forms are included as an aid in tracing such borrowings. In close neighbourhood to the Mabuso languages are the Austronesian languages: X4 Gedaged, X5 Bilbil and X9 Ham. Cultural words are marked with an asterisk, but they are not to be taken into account for studying genetic relationships between languages. For other studies such as sound correspondences and cultural studies, such words should prove to be very interesting. No marking or cognation is given since this would require extensive research in a number of cases. Despite that, it is hoped that the comparative wordlists will be useful for further research into New Guinea languages.

4. The selection of words is based on an elicitation list of some 300 meanings (see Z'graggen 1971b) which the author prepared for his own field work and area of interest. The number following each word refers to this wordlist. Some of the numbers are left out because terms they represent could not reliably be collected or because of considerable difficulties in eliciting the item. Special care was taken to establish the base form. No overt number marking is found in any of the languages. But most of the terms for body parts and kinship relations are obligatorily suffixed by a genitive pronoun. In order to establish the base form the possessor pronoun was changed in the substitution frame for all persons. It was observed that the third person singular form is frequently irregular and of itself does not always indicate the correct morpheme division. Most transitive verbs are obligatorily and immediately suffixed by a verbal object. The verbs *'give'*, *'talk to'*, *'see'*, *'hear'*, *'wash'*, *'bite'* and *'carry someone on shoulder'* were used to establish the verbal object, but in a number of cases other transitive verbs were also checked with. A frequent exception is the word *'to hear'* which also appears to be an exception in all the Austronesian languages of the north-east Coast of New Guinea. Verbs are also suffixed by tense, subject markers, etc. There was not sufficient time to establish all the morphemes suffixed to the verb root. In the process of elicitation, the third person singular was kept unchanged but the verb form was changed by varying tenses related to the past, present, future and also as to negation. This provided a substitution frame for an approximate morpheme division. The stem-final vowel remained in some cases uncertain or arbitrary. But a subsequent cross check with Inselmann's work in Garuh (Nobanob) and Wullenkord's in Amele confirmed this procedure in establishing the approximate verb root.

5. The words in the New Guinea comparative wordlist are grouped into semantic groups based on English. This arrangement is beneficial both

for the informant and the analyst. But it must be pointed out that such grouping is not always valid in a New Guinea language. For example, English adjectives such as 'heavy', 'full', 'ripe', etc. are frequently a verb in New Guinea languages.

6. The transcription is semi-phonemic; i.e. apparently non-contrastive phonetic details are omitted and fluctuating sounds were transcribed consistently only when discovered early enough. In addition the following observations were made:

- Voiced and voiceless stops were frequently found in fluctuation except in Kare. The same phenomenon is observed in a few cases in Wullenkord's and Inselmann's work and also in Dempwolff. But at the same time the work of the above-mentioned authors suggests that voiced and voiceless stops are in phonemic contrast.

- A labio-velar stop is present in all member languages except in Kare. The labio-velar stop was given variously as p, kw, ʔp. The present writer was not aware of this problem early enough to make the transcription uniform,

- The Munit language has a series of nasalised vowels.

- Word initial h in Mawan and Rempí is optional.

- The following sounds were found to be in fluctuation in the particular language indicated; the present data do, however, not permit one to determine the precise conditioning and governing factors of fluctuations.

Kare

s ~ ts ~ t
z ~ ʒ ~ j ~ y ~ d
r ~ l

Girawa

s ~ h
z ~ y ~ ʒ
w ~ b
ʔ ~ k

Munit

d ~ dz
l ~ r
w ~ b ~ v

Bemal

s ~ j
z ~ dʒ ~ ʒ
l ~ r
d ~ r

Sihan

d ~ r
l ~ r
h ~ f

Gumalu

l ~ r
d ~ r

Isebe

y ~ z ~ ʒ
l ~ r

Amele

s ~ z ~ ʒ ~ y
y ~ z

Bau

l ~ r

Panim

y ~ z ~ ʒ

Rapting	Garus	Mawan
y ~ z ~ ž	z ~ y	d ~ r
d ~ l ~ r	r ~ d	v ~ w
s ~ h	v ~ w	
b ~ v ~ w		Baimak
	Yoidik	l ~ r ~ d
Wamas	z ~ ž ~ y	r ~ d
d ~ r	l ~ r	
j ~ z ~ dz ~ y ~ d	w ~ b	Matepi
	f ~ h	s ~ z
		h ~ optional
Samosa	Rempi	
s ~ z ~ y	y ~ z ~ ž	Gal
h ~ s	d ~ r	w ~ b
	l ~ r	
Murupi	v ~ w	Garuh
s ~ h	t ~ s	s ~ t
y ~ z ~ ž	h ~ optional	d ~ r
r ~ l		p ~ f ~ p
d ~ z		k ~ optional
	Bagupi	
Saruga	y ~ ž ~ z	Kamba
s ~ h	l ~ r	d ~ z
z ~ y	w ~ b	d ~ r
y ~ d	f ~ p	l ~ r
d ~ r		w ~ v ~ b
l ~ r	Silopi	
w ~ v ~ b	l ~ r	
	d ~ r	
Nake	w ~ v ~ b	
y ~ z ~ ž		
	Utu	
Mosimo	z ~ ž ~ s	
s ~ h	l ~ r	
j ~ z ~ z ~ dz ~ y	v ~ p	
l ~ r	w ~ b ~ b	
b ~ v ~ w	-h optional	

7. Kinship terms and terms for body parts are obligatorily suffixed by a genitive pronoun. The genitive pronouns are given on pp.7-12 and Appendix A, and also separately for each individual language in Appendix B. For illustrations see Z'graggen 1971a:129-132. Some common exceptions are observed (such as 'blood' and 'child') within this semantic

group in most of the languages. In the Kare language only part of the nouns belonging to the above-mentioned semantic group are obligatorily suffixed by a genitive pronoun. The genitive pronouns are directly suffixed to the noun root or via a ligative in some of the Mabusos languages. The ligatives are given in Appendix D.

Nouns belonging to the object class do not suffix the genitive pronoun to the noun root. Possession is expressed by a possessive marker which is an enclitic following the pronoun indicating the possessor. The possessive markers are given in Appendix C. The possessor pronoun followed by the possessive enclitic may precede or follow the noun indicating the possessor. Kamba and Garuh employ a possessive noun root to indicate possessive relationship, and the genitive pronoun is immediately suffixed to this root. The possessive noun root is for Garuh *hi-*, *ha-* and for Kamba *si-*, *sa-* (see Z'graggen 1971a:135). This form appears to be borrowed from the neighbouring Austronesian languages.

8. Transitive verbs are immediately suffixed by the verbal object pronoun (see pp.7-12 and Appendices A, B). The verb '*to hear*' is frequently an exception which is also the case in Austronesian languages of the north Coast of New Guinea. The negation marker is an enclitic preceding the verb, but in some cases a discontinuous element follows the verb (see Appendix C).

9. The location of the Mabusos languages and their neighbouring languages and language groups is given on the map of the languages of the Madang District (p.183-4). The Mabusos languages are marked with letter C.

ABBREVIATIONS

C	consonant
dl	dual
f	female
intr	intransitive
m	male
Nb	noun base
Numb	number
O	object class
P	body part class
pl	plural
PM	possessive marker
PO	Proto-Oceanic
R	terms of relative class
sg	singular
tr	transitive
v	verb
V	vowel
Vb	verb base
-	morpheme division
()	element doubtful or optional
1	first person singular
2	second person singular
3	third person singular
4	first person plural
5	second person plural
6	third person plural
7	first person dual
8	second person dual
9	third person dual

ALPHABETICAL LIST OF VOCABULARY ITEMS

	<i>Page</i>		<i>Page</i>
<i>afraid</i>	157	<i>boil</i>	141
<i>afternoon</i>	111	<i>bone</i>	33
<i>afterwards</i>	114	<i>bow</i>	85
<i>alang-alang grass</i>	54	<i>boy</i>	3
<i>all</i>	13	<i>brains</i>	14
<i>always</i>	120	<i>break</i>	137
<i>arm</i>	22	<i>breast (woman)</i>	29
<i>armpit</i>	23	<i>burn (tr)</i>	142
<i>arrow</i>	81f	<i>bury</i>	140
<i>ashes</i>	69	<i>butterfly</i>	51
<i>axe</i>	84	<i>buttocks</i>	21
<i>back</i>	21	<i>buy</i>	143
<i>bad</i>	93	<i>calf (of leg)</i>	27
<i>bamboo</i>	66	<i>call out</i>	154
<i>banana</i>	52	<i>cane</i>	65
<i>basket</i>	88	<i>carry</i>	135
<i>bathe (itr)</i>	133	<i>cassowary</i>	38
<i>be</i>	121	<i>chest</i>	29
<i>bean</i>	66	<i>chicken (wild)</i>	40
<i>before</i>	114	<i>chicken (tame)</i>	40
<i>belly</i>	28	<i>child</i>	2
<i>betelnut</i>	52	<i>chin</i>	19
<i>betel pepper vine</i>	53	<i>chop (with axe)</i>	139
<i>big</i>	94	<i>cloud</i>	75
<i>bird</i>	38	<i>coconut (tree)</i>	59
<i>bite (tr)</i>	134	<i>coconut (ripe)</i>	60
<i>black</i>	95	<i>coconut (green)</i>	60
<i>blood</i>	30	<i>cold</i>	99
<i>blow on (fire)</i>	136	<i>comb</i>	86

	<i>Page</i>		<i>Page</i>
<i>come</i>	124	<i>fly (v)</i>	128
<i>cooked</i>	158	<i>flying fox</i>	47
<i>cough</i>	122	<i>fog</i>	76
<i>crayfish</i>	44	<i>frog</i>	48
<i>crocodile</i>	47	<i>fruit</i>	61
<i>crooked</i>	104	<i>full</i>	98
<i>cry</i>	154	<i>garden</i>	70
<i>cut (with knife)</i>	138	<i>girl</i>	3
<i>dance</i>	155	<i>give</i>	130
<i>day after tomorrow</i>	113	<i>go</i>	125
<i>day after yesterday</i>	113	<i>go down</i>	126
<i>day break</i>	110	<i>go up</i>	126
<i>die</i>	124	<i>good</i>	93
<i>dig</i>	136	<i>grass skirt</i>	86
<i>dirty</i>	95	<i>green</i>	97
<i>dog</i>	41	<i>ground</i>	71
<i>dream</i>	156	<i>G-string</i>	87
<i>dry</i>	105	<i>hair</i>	13
<i>ear</i>	15	<i>hand drum</i>	89
<i>eat</i>	143	<i>he</i>	9
<i>egg</i>	41	<i>head</i>	14
<i>elbow</i>	22	<i>hear</i>	134
<i>empty</i>	98	<i>heart</i>	30
<i>excrement</i>	35	<i>heavy</i>	100
<i>eye</i>	16	<i>here</i>	116
<i>face (forehead)</i>	15	<i>hold</i>	148
<i>fall (tree)</i>	127	<i>hot</i>	99
<i>far</i>	117	<i>house</i>	71
<i>fasten</i>	152	<i>how many</i>	109
<i>fat</i>	46	<i>hungry</i>	106
<i>father</i>	4	<i>I</i>	7
<i>fell (a tree)</i>	139	<i>inside</i>	120
<i>female (animal)</i>	42	<i>jump</i>	128
<i>fence</i>	70	<i>kill</i>	144
<i>few</i>	102	<i>knee</i>	27
<i>fight (hit)</i>	144	<i>knife</i>	91
<i>fill up (water)</i>	142	<i>laugh</i>	153
<i>finger nail</i>	25	<i>left (arm)</i>	24
<i>fire</i>	68	<i>leg</i>	26
<i>fish</i>	44	<i>leg (upper)</i>	26
<i>fly (n)</i>	43	<i>light (of fire)</i>	68

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<i>lightning</i>	159	<i>pour out (liquid)</i>	146
<i>lime</i>	53	<i>pull</i>	149
<i>liver</i>	32	<i>push</i>	149
<i>loin-cloth</i>	87	<i>put</i>	150
<i>long</i>	101	<i>quickly</i>	118
<i>look for</i>	146	<i>rain</i>	80
<i>louse</i>	43	<i>rat</i>	48
<i>lung</i>	32	<i>red</i>	96
<i>make</i>	147	<i>right (arm)</i>	24
<i>male (animal)</i>	42	<i>ripe</i>	106
<i>man</i>	1	<i>roast</i>	141
<i>many</i>	102	<i>root</i>	64
<i>meat</i>	46	<i>rope (of bow)</i>	85
<i>moon</i>	72	<i>run</i>	127
<i>morning</i>	110	<i>sago</i>	58
<i>mosquito</i>	45	<i>saliva</i>	18
<i>mother</i>	4	<i>salt</i>	76
<i>mouth</i>	16	<i>sand</i>	74
<i>mountain</i>	72	<i>sap</i>	62
<i>name</i>	37	<i>saucepan (clay pot)</i>	90
<i>nape</i>	19	<i>scratch (skin)</i>	150
<i>navel</i>	30	<i>sea</i>	73
<i>near</i>	117	<i>see</i>	132
<i>neck</i>	20	<i>shadow</i>	37
<i>netbag</i>	91	<i>sharp</i>	100
<i>new</i>	103	<i>sharpen</i>	148
<i>night</i>	111	<i>shoot</i>	145
<i>no</i>	119	<i>shore</i>	74
<i>nose</i>	17	<i>short</i>	101
<i>now</i>	115	<i>shoulder</i>	23
<i>old (of humans)</i>	2	<i>shrub</i>	67
<i>old (of objects)</i>	103	<i>sibling</i>	5f
<i>one</i>	92	<i>sick</i>	157
<i>pandanus</i>	54	<i>signal drum</i>	89
<i>path</i>	73	<i>singsing</i>	155
<i>penis</i>	36	<i>sit down</i>	122
<i>piece of wood</i>	64	<i>skin</i>	33
<i>pig</i>	45	<i>sky</i>	75
<i>plant (v)</i>	140	<i>sleep</i>	121
<i>possum</i>	50	<i>slowly</i>	118
<i>potato</i>	55	<i>small</i>	94

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<i>smell</i> (tr)	151	<i>tobacco</i>	58
<i>smoke</i>	69	<i>tomorrow</i>	112
<i>snake</i>	49	<i>tongue</i>	17
<i>sore</i>	34	<i>tooth</i>	18
<i>spear</i>	83	<i>top</i> (of tree)	63
<i>split</i>	137	<i>tree</i>	61
<i>stand</i>	123	<i>trunk</i> (of tree)	63
<i>stand up</i>	123	<i>turn</i> (oneself)	156
<i>star</i>	77	<i>two</i>	92
<i>stick</i>	65	<i>urine</i>	35
<i>stomach</i> (guts)	28	<i>vein</i>	31
<i>stone</i>	77	<i>village</i>	78
<i>straight</i>	104	<i>vine</i>	67
<i>stump</i> (of tree)	62	<i>vomit</i>	129
<i>sugar cane</i>	55	<i>vulva</i>	36
<i>sun</i>	78	<i>walk</i>	125
<i>swallow</i>	151	<i>wallaby</i>	49
<i>sweat</i>	34	<i>wash</i> (tr)	133
<i>swell up</i>	129	<i>watch</i>	132
<i>tail</i> (of bird)	39	<i>water</i>	80
<i>tail</i> (of dog)	39	<i>we</i>	10
<i>take</i>	153	<i>wet</i>	105
<i>talk</i> (itr)	131	<i>what</i>	108
<i>talk</i> (tr)	131	<i>where</i>	109
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<i>tear</i>	138	<i>wind</i>	79
<i>that</i>	107	<i>wing</i>	51
<i>there</i>	116	<i>woman</i>	1
<i>they</i>	12	<i>wooden plate</i>	90
<i>think</i>	158	<i>woods</i>	79
<i>this</i>	107	<i>work</i> (v)	147
<i>thou</i>	8	<i>yam</i>	57
<i>throat</i>	20	<i>yam</i> (<i>discorea exulenta</i>)	57
<i>throw</i> (stone)	145	<i>ye</i>	11
<i>thumb</i>	25	<i>yellow</i>	97
<i>thundering</i>	159	<i>yes</i>	119
<i>tie</i>	152	<i>yesterday</i>	112

COMPARATIVE WORD LIST

<i>man</i> 1		<i>woman</i> 2
C 1 Kare	dau	C 1 enemu
C 2 Girawa	do	C 2 asir
C 3 Munit	dā	C 3 ālāu
C 4 Bemal	du:	C 4 diř
C 5 Sihan	dana	C 5 ara
C 6 Gumalu	dana	C 6 ařau
C 7 Isebe	dāna	C 7 aid
C 8 Amele	dana	C 8 aza
C 9 Bau	dana	C 9 ait
C10 Panim	dana	C10 ait
C11 Rapting	dAr	C11 Aih
C12 Wamas	dana	C12 ahe
C13 Samosa	dana	C13 A:zi
C14 Murupi	danA	C14 ahe
C15 Saruga	dāna	C15 meha
C16 Nake	dān	C16 mimino
C17 Mosimo	dāna	C17 a:he
C18 Garus	dal	C18 aih
C19 Yoidik	dal	C19 yes
C20 Rempi	dal	C20 ais
C21 Bagupi	denah	C21 mimino
C22 Silopi	danA	C22 meha
C23 Utu	dana	C23 meha
C24 Mawan	sina	C24 memina
C25 Baimak	sin	C25 ait
C26 Matepi	dāna	C26 memina
C27 Gal	sin	C27 aiř
C28 Garuh	danap	C28 aih, ase
C29 Kamba	danAf	C29 As

PO: tau, tamole, mata
tanmata

PO: pine, papine, tapine

old (of humans) 3

C 1 Kare saŋgaʔba, saɣura

C 2 Girawa oɣam

C 3 Munit dāmeu

C 4 Bemal uʔɛuk

C 5 Sihan baʔi

C 6 Gumalu mehuʔ

C 7 Isebe keinma

C 8 Amele toye

C 9 Bau toya

C10 Panim keinma

C11 Raptiŋ saguʔ

C12 Wamas sagu

C13 Samosa sagogu

C14 Murupi sagu

C15 Saruga a:gu

C16 Nike ʌ:gu

C17 Mosimo sagu

C18 Garus saguʔ

C19 Yoidik saguʔ

C20 Remp1 avei

C21 Bagupi ʌ:gu

C22 Silopi mehur

C23 Utu mehur

C24 Mawan mehur

C25 Baimak mehur

C26 Matepi mehur

C27 Gal sigam

C28 Garuh kinu

C29 Kamba keima

child 6

C 1 nikola, nokora

C 2 moʔoi

C 3 nã:

C 4 mogoy, nanag

C 5 me:r

C 6 meɪ

C 7 meɪ

C 8 meɪ

C 9 meɪ

C10 meɪ

C11 nawu

C12 na

C13 na

C14 na

C15 na

C16 naʔpara

C17 na

C18 nahal

C19 nahal

C20 na

C21 napɛra

C22 na

C23 na

C24 nain

C25 na

C26 na

C27 sere

C28 ni:t, na-

C29 nir, na-

 PO: natu

boy 9⁴

C 1	Kare	nukomba
C 2	Girawa	sirin
C 3	Munit	nā galab
C 4	Bemal	mogoy
C 5	Sihan	mer haun
C 6	Gumalu	mer haun, mer ohi
C 7	Isebe	fana manafal
C 8	Amele	mel os
C 9	Bau	mer haun
C10	Parim	mel faun

C11	Rapting	nawu perap
C12	Wamas	na kuma
C13	Samosa	na asa:vo
C14	Murupi	dan pahavu
C15	Saruga	na pahahuha
C16	Nake	na?para ho
C17	Mosimo	na kuma
C18	Garus	del nabuk
C19	Yoidik	nahal pusa?
C20	Rempi	na ayouk
C21	Bagupi	napera me:
C22	Silopi	danan kalir
C23	Utu	danan porup
C24	Mawan	sina gair
C25	Baimak	na haun
C26	Matepi	dana ngail
C27	Gal	sere fau
C28	Garuh	ni:t
C29	Kamba	geir

PO: ngmed(ao)
girl 10⁴

C 1	unaina
C 2	ma?un
C 3	ālā māngun
C 4	ainak
C 5	arΛ haun
C 6	arau haun, arau ohi
C 7	aid asin
C 8	
C 9	ait haun
C10	asin faun

C11	aih perap
C12	nahe
C13	na a:zi
C14	asi pahavu
C15	meha naina
C16	mimino magun, -- nain
C17	na a:he
C18	magun, nalei
C19	yes magun, yes pusa?
C20	nais
C21	mimino nain
C22	meha magun
C23	meha magun
C24	memina nain magun
C25	ait haun
C26	memina ngail
C27	air fau
C28	nit aih, -- ahin
C29	magun

father 11⁵

C 1	Kare	maɪ-, momo-
C 2	Girawa	mon-, momo-
C 3	Munit	babay, mɛmɛ-
C 4	Bemal	mɛkay, mɛmɛ-
C 5	Sihan	baɪa, mɛmɛ-
C 6	Gumalu	mɛmɛ-
C 7	Isebe	mɛmɛ-
C 8	Amele	meɪ, mɛmɛ-,
C 9	Bau	mɛmɛ-
C10	Parim	mɛmɛ-
C11	Rapting	mamɛ-
C12	Wamas	mama-
C13	Samosa	mamɛ-
C14	Murupi	mama-
C15	Saruga	manu-, aita
C16	Nake	mama-
C17	Mosimo	mama-
C18	Garus	mamɛ-, mɛm
C19	Yoidik	mama-
C20	Rempi	mam-
C21	Bagupi	mɛmɛ(ne)-, aita
C22	Silopi	taɪta, mɛnu-
C23	Utu	aya, mɛmu-
C24	Mawan	mɛmu-, ba
C25	Baimak	mɛmu-
C26	Matepi	mɛmu-, aita
C27	Gal	mɛmu-
C28	Garuh	mam, mamɛ-
C29	Kamba	mɛm, m mɛ-

 PO: tama
mother 12⁵

C 1	na-, ana, nan-
C 2	ani-
C 3	aw, ani-
C 4	anikay, ana-
C 5	aw, a:ni-
C 6	au, ani-
C 7	au, ani-
C 8	au, ani-
C 9	au, ani-
C10	au, ani-
C11	ana-
C12	ana-
C13	ana-
C14	ana-
C15	anu-
C16	ana-
C17	ana-
C18	ane-
C19	nen, ana-
C20	an-
C21	an, ene-
C22	aweke, enu-
C23	awa, nu-
C24	awa, ani-
C25	aw, ana-
C26	an, enu-
C27	ani-
C28	nen, ana-
C29	ani-

 PO: tina

sibling same sex, older 13

C 1	Kare	wani, wɔ-
C 2	Girawa	aba-
C 3	Munit	apɔ-
C 4	Bemal	apɔ-
C 5	Sihan	afa-
C 6	Gumalu	apa-
C 7	Isebe	oti- matu
C 8	Amele	oti- mɔtu
C 9	Bau	apa, oti- matu
C10	Panim	apa, oti- matu

C11	Raptng	aba-
C12	Wamas	aba-, aun-
C13	Samosa	ava, auna-
C14	Murupi	aba, auna-
C15	Saruga	awa, aun-
C16	Nake	ava-
C17	Mosimo	awa- aun-
C18	Garus	bab, hahe-
C19	Yoidik	ahɔ-
C20	Rempi	baba, zaha-
C21	Bagupi	abɔ:ni, ou-, on-
C22	Silopi	on-, ow-
C23	Utu	ou-, oinɔka
C24	Mawan	apa-
C25	Baimak	apay, reipa-
C26	Matepi	le- matuma
C27	Gal	le(i)- matu
C28	Garush	awa-, aha-
C29	Kamba	awɔ-

PO: tuqaka, tuga, kaka

sibling same sex, younger 14

C 1	kamɔn-, kama-
C 2	amu-
C 3	mage-
C 4	magi, ama-
C 5	make-
C 6	mage-
C 7	oti- naʔɔg
C 8	oti- naʔak
C 9	oti- naʔɔk
C10	apa- naʔɔg, oti-

C11	ama-
C12	kamun-
C13	komunɛ-
C14	amu(na)-
C15	ama(na)-
C16	ama-
C17	kamuni, kuma-
C18	amo-
C19	ama-
C20	mɔmɔ, ama-
C21	amɔni, omo-
C22	omu-
C23	omu-
C24	magu-
C25	apai, reipa- nak
C26	le- nɔg
C27	le(i)- nɔna
C28	ama-
C29	kɔmɔ-

PO: ta(ŋ)si

*sibling different sex,
older 15*

C 1	Kare	Λ:ba-
C 2	Girawa	api-
C 3	Munit	ebia-
C 4	Bemal	Λbi(a)-, ainΛk
C 5	Sihan	ebi(na)-
C 6	Gumalu	epi(na)-
C 7	Isebe	ebi(na)- matu
C 8	Amele	epina- mΛtu
C 9	Bau	epina- matu
C10	Panim	ebina- matu
C11	Raptng	awina-
C12	Wamas	kabin-
C13	Samosa	sina-, pΛva
C14	Murupi	awina- emε
C15	Saruga	sotu- emε
C16	Nake	avina- emε
C17	Mosimo	kawini-
C18	Garus	hasi-
C19	Yoidik	iasi- busak
C20	Rempi	Λ:si-
C21	Bagupi	sotu-
C22	Silopi	totu-
C23	Utu	totu-, apa-
C24	Mawan	Λ:wi(na)- mε
C25	Baimak	orapa-
C26	Matepi	dotu- matuma
C27	Gal	awi- inΛn
C28	Garuh	abina-
C29	Kamba	apΛ-

PO: ηmane

*sibling different sex,
younger 16*

C 1	mango-
C 2	api- etei
C 3	ebia- isika
C 4	Λbia- inΛm
C 5	ebi(na)- nΛ?Λk
C 6	epi(na)- na?Λg
C 7	ebi(na)- na?Λg
C 8	epina- na?ak
C 9	epi(na)- na?Λk
C10	ebina- na?ag
C11	awina- nΛgare
C12	kabin- inahita
C13	mΛ:ga-
C14	awina- suwata
C15	sotu- uhu
C16	avina subo, -- uhnΛ:g
C17	kawini- naheta
C18	hasi- nakΛla
C19	iasi- nalΛ?
C20	maga-
C21	
C22	tatu- nΛ:nΛg
C23	mΛgu-
C24	Λ:wi(na)- nΛg
C25	epi- nΛ:g
C26	dotu- nΛg
C27	awi- nΛna
C28	abina- makeg
C29	kwina-

PO: ηmane

I 24

		Free	Genitive	Verbal Object
C 1	Kare	su	-ya, -i	-il-
C 2	Girawa	ita	-y, -r, -l, -Ø	-ir-
C 3	Munit	isa	-i, -Ø	-it-
C 4	Bemal	is	-l, -y, -Ø	-ile-
C 5	Sihan	isa	-l, -(i)a, -i	-itε-
C 6	Gumalu	isa	-i, -Ø	-itε-
C 7	Isebe	isε	-i, -Ø	-isi-
C 8	Amele	isa	-i	-iti-
C 9	Bau	isa	-i	-it-
C10	Panim	isε	-i, -Ø	-(i)t-
C11	Rapting	da	-i, -a, -ε	-r-
C12	Wamas	sa	-i, -a, -ε	-r-
C13	Samosa	sAε	-i, -ε, -Ø	-(zA)ru-
C14	Murupi	sa	-ya, -a, -Ø	-al-
C15	Saruga	saga	-ia, -i, -na	-aru-
C16	Nake	sAg	-i, -in	-ili-
C17	Mosimo	sA	-i, -Ø	-l-
C18	Garus	dε	-i, -Ø	-εl-
C19	Yoidik	dA?	-y	-l-
C20	Rempi	dA	-Ø	-(i)l-
C21	Bagupi	seg	-y, -n, -Ø	-l-
C22	Silopi	seg	-i	-(r)εr-
C23	Utu	sek	-i, -Ø	-zεr-
C24	Mawan	hak	-i	-Vl-
C25	Baimak	sak	-i, -Ø	-r-
C26	Matepi	seg	-Vl	-il-
C27	Gal	sa	-i, -l	-r-
C28	Garuh	də	-l, -Ø	-ir-
C29	Kamba	da	-l	-il-
PO:		au		

thou 25

	Free	Genitive	Verb Object
C 1 Kare	nu	-na, -ŋga	-as-
C 2 Girawa	nʌ	-n, -t	-is-
C 3 Munit	na	-n, -∅	-is-
C 4 Bemal	na	-l, -(a)n, -t, -∅	-ize-
C 5 Sihan	ina	-na, -a	-ise-
C 6 Gumalu	ina	-Vn	-ise-
C 7 Isebe	ine	-Vn	-isl-
C 8 Amele	ina	-n, -∅	-ihi-
C 9 Bau	ina	-(i)n, -∅	-is-
C10 Panim	ine	-(i)a, -∅	-is-
C11 Raptng	nag	-n, -na, -tɛ	-ɛh-, -ah-
C12 Wamas	nagɛ	-n, -na, -tɛ	-ɛh-, -ah-
C13 Samosa	nʌgɛ	-n, -tɛ	-su-
C14 Murupi	naga	-na, -ta	-s-
C15 Saruga	nʌga	-n(a), -t(a)	-hu-, -hɛ-, -zɛ-
C16 Nake	nʌg	-n, -un	-isi-
C17 Mosimo	nʌg	-tɛ, -nɛ	-(u)h-
C18 Garus	nɛg	-n, -∅	-ir-
C19 Yoidik	nʌg	-n	-di-
C20 Remp1	nʌk	-n	-id-
C21 Bagup1	nɛg	-un	-s-
C22 Silop1	nɛg	-un	-s-
C23 Utu	nɛk	-(u)n	-ɛs-
C24 Mawan	nak	-(a)n	-Vh-
C25 Baimak	nak	-(u)n, -∅	-s-
C26 Matep1	nɛg	-Vn	-ih-
C27 Gal	na	-Vn, -m, -p, -t, -∅	-s-
C28 Garuh	na	-n, -p	-id-
C29 Kamba	na	-n, -t, -m, -p	-ir-

PO: i-ko

he 26

	Free	Genitive	Verbal Object
C 1 Kare	nonga, ei	-unga, -ba, -a, -Ø	-d-, -Ø-
C 2 Girawa	ε?i, o	-w, -k, -?	-r-, -Ø-
C 3 Munit	ug	-Ø, -g, -?, -u	-(V)d-, -Ø-
C 4 Bemal	gue	-(a)g, -b, -Ø	-r-, -Ø-
C 5 Sihan	u?pa	-, -ba, -ku, -Ø	-ute, -ure-, -Ø-
C 6 Gumalu	u?pa	-(V)g, -w	-ute-, -Ø-
C 7 Isebe	u?pa	-ag, -u, -f, -Ø	-(V)di-, -Ø-
C 8 Amele	u?pa	-ik, -ak	-uti-
C 9 Bau	u?pa	-f, -n, -(V)k, -u, -Ø	-ut-, -Ø-
C10 Panim	u?pa	-(V)g, -u, -f, -Ø	-ud-
C11 Raptang	nugo	-Vg, -u, -Ø	-d-, -Ø-
C12 Wamas	nugo	-Vg, -Ø, -u	-d-, -Ø-
C13 Samosa	nugo	-ogu, -g, -Ø	-ru-, -w-, -Ø-
C14 Murupi	nuga	-(u)gu, -Ø	-r-, -Ø-
C15 Saruga	nuga	-ag, -gu, -Ø	-ru, -Ø-
C16 Nike	nug	-ag, -y, -Ø	-re-, -Ø-
C17 Mosimo	nugo	-Ø, -ugu, -ε	-(u)r-, -Ø-
C18 Garus	nug	-Vk, -V?, -Ø	-ur-, -Ø-
C19 Yoidik	go, wom	-k, -?	-d-, -Ø-
C20 Rempi	nuk	-(V)k, -l, -Ø	-d-, -Ø-
C21 Bagupi	nug	-Vg, -Ø	-r-, -Ø-
C22 Silopi	nug	-ga, -u, -Ø	-r-, -Ø-
C23 Utu	nuk	-k, -ag, -n, -Ø	-r-, -Ø-
C24 Mawan	nuk	-ag	-(u)r-, -Ø-
C25 Baimak	nuk	-Vk, -f, -Ø	-d-, -Ø-
C26 Matepi	nug	-(u)g, -Ø	-r-, -Ø-
C27 Gal	nug	-Vg, -Ø	-r-, -Ø-
C28 Garuh	nug	-uk, -u, -p, -Ø	-id-, -Ø-
C29 Kamba	nug	-(V)g, -f, -Ø	-ur-, -Ø-

 PO: ia

we 27

		Free	Genitive	Verbal Object
C 1	Kare	sa, za, ya	-inda	-ind-
C 2	Girawa	iʔε	-oʔ	-oʔ-
C 3	Munit	i-ge	-k, -igi	-ig-
C 4	Bemal	ig	-ig	-ige-
C 5	Sihan	i-ke	-ike	-ike-
C 6	Gumalu	i-ge	-ikei	-igi-
C 7	Isebe	i-ge	-igi	-igi-
C 8	Amele	ε-ke	-ike	-iki-
C 9	Bau	i-ke	-ike	-ik-
C10	Panim	i-ge	-igi	-ig-
C11	Rapting	zogo	-ig	-ig-
C12	Wamas	zogo	-ig	-ig-
C13	Samosa	zogo	-igu	-(zʌ)gu-
C14	Murupi	iga	-inugu	-ag-
C15	Saruga	iga	-iʌg	-agu-
C16	Nake	ig	-iʌg	-igi-
C17	Mosimo	zogo	-ige	-yeg-
C18	Garus	i-g	-k	-eg-
C19	Yoidik	yit	-t	-t-
C20	Rempi	it	-t	-it-
C21	Bagupi	i-g	-(g) iag	-g-
C22	Silopi	ig	-ieg	-(r)eg-
C23	Utu	ik	-izek	-zeg-
C24	Mawan	i-k	-(i)eg, -reg	-(r)eg-, -ig-
C25	Baimak	ik	-(i)ek	-k-, -Ø-
C26	Matepi	ig	-Vieg	-ig-
C27	Gal	ig	-ileg	-g-
C28	Garuh	ig	-nig	-ig-
C29	Kamba	ig	-nig	-ig-

PO: kinta (incl)
 kami (excl)

ye 28

		Free	Genitive	Verbal Object
C 1	Kare	wu	-a(i), -unggu	-rond-
C 2	Girawa	Λ?Λ	-a(ka)	-bAr-
C 3	Munit	a-gε	-a(?)	-ad-
C 4	Bemal	Λg	-ag	-arε-
C 5	Sihan	Λ-kε	-(i)Λ?	-atε-
C 6	Gumalu	a-gε	-(r)a	-atε-
C 7	Isebe	Λ-gε	-Λg	-adi-
C 8	Amele	a-kε	-aka	-atε-
C 9	Bau	a-kε	-a(ka)	-at-
C10	Panim	Λ-gε	-ag(a)	-ade-
C11	Rapting	age	-gar	-ad-
C12	Wamas	Λge	-gar	-ad-
C13	Samosa	Λge	-na(na), -naga	-Λru-
C14	Murupi	aga	-iaga	-(y)ar-
C15	Saruga	Λga	-(i)gArI	-(ra)ra-
C16	Nake	Λg	-geri	-(ir)iri-
C17	Mosimo	Λge	-na(na)	-ar-
C18	Garus	ε-g	-yak	-(a)yad-
C19	Yoidik	Λg	-yak	-yad-
C20	Remp1	hΛk	-get	-yad-
C21	Bagupi	ε-g	-gVri	-rVr-
C22	Silopi	εg	-nagar	-(r)ar-
C23	Utu	εk	-nagar	-(εr)ar-
C24	Mawan	a-k	-ari, -nΛg	-(u)nΛr-
C25	Baimak	ak	-agΛt, -nak	-vatu-
C26	Matepi	εg	-(u)naga(r)	-(r)ar-
C27	Gal	Λg	-Vl, -gar	-nd-
C28	Garuh	Λg	-lag	-(y)ad-
C29	Kamba	ag	-lag	-(l)ar-

PO: kamu

they 12

		Free	Genitive	Verbal Object
C 1	Kare	(z)angga	-a(i), -unggu	-rond-
C 2	Girawa	εʔi	-a(ka)	-bʌr-
C 3	Munit	u-ge	-a(?)	-ad-
C 4	Bemal	go	-ag	-arε-
C 5	Sihan	uʔpa-ke	-(i)ʌʔ	-atε-
C 6	Gumalu	uʔpa-ge	-(r)a	-atε-
C 7	Isebe	hoa-ge	-ʌg	-adi-
C 8	Amele	owa-ke	-aka	-atε-
C 9	Bau	hoa-ke	-a(ka)	-at-
C10	Panim	hoʌ-ge	-ag(a)	-ade-
C11	Rapting	zou naga	-gar	-ad-
C12	Wamas	zou naga	-gar	-ad-
C13	Samosa	guruʔe (?)	-na(na), -naga	-ʌru-
C14	Murupi	inʌri	-iaga	-(y)ar-
C15	Saruga	ʌga	-(i)gʌri	-(ra)ra
C16	Nake	ʌ:gen	-geri	-(ir)iri-
C17	Mosimo	zouna	-na(na)	-ar-
C18	Garus	ine-g, god	-yak	-(a)yad-
C19	Yoidik	won, god	-yak	-yad-
C20	Rempi	god	-get	-yad-
C21	Bagupi	egchun	-gVri	-rVr-
C22	Silopi	esa	-nagar	-(r)ar-
C23	Utu	esa	-nagar	-(εr)ar-
C24	Mawan	esa	-ari, -nʌg	-(u)nʌr-
C25	Bainak	ʌkuhun	-agʌt, -nak	-vatu-
C26	Matepi	esa	-(u)naga(r)	-(r)ar-
C27	Gal	inag, beag	-Vl, -gar	-nd-
C28	Garuh	ohip	-lag	-(y)ad-
C29	Kamba	uni, pe	-lag	-(l)ar-

 PO: ida

all

C 1	Kare	endogoi
C 2	Girawa	ubag (belek)
C 3	Munit	
C 4	Bemal	
C 5	Sihan	unu
C 6	Gumalu	unum
C 7	Isebe	unum
C 8	Amele	unu?
C 9	Bau	uni?a
C10	Panim	unum
C11	Rapting	agen
C12	Wamas	abubunita
C13	Samosa	gageni
C14	Murupi	sahama, ageni
C15	Saruga	ageni
C16	Nake	agen
C17	Mosimo	bubuni
C18	Garus	bubute
C19	Yoidik	bubuta
C20	Rempi	
C21	Bagupi	agen
C22	Silopi	
C23	Utu	ite
C24	Mawan	uunma
C25	Baimak	unun
C26	Matepi	egire
C27	Gal	onuma
C28	Garuh	
C29	Kamba	kunu

PO: (n) soko
*hair*⁶ 88

C 1	ya:ra
C 2	uri?
C 3	urigu
C 4	ulig
C 5	paki, kosi
C 6	paki
C 7	bagi, momohinig
C 8	kosi?, pagi?
C 9	paki
C10	bagi
C11	wilik, uruk
C12	bili
C13	viri
C14	vili
C15	uru
C16	urug
C17	viri
C18	vilik
C19	ulik
C20	uluk
C21	uruk
C22	urug
C23	urug
C24	ulig
C25	pagif, gosi
C26	urug, tevi
C27	ali, urug
C28	uruk
C29	tawag, urig

PO: pulu (*body hair, feather*)
qulu (*head hair*)

head 33

C 1	Kare	kowo-, kenda:ga, benda
C 2	Girawa	tapa-
C 3	Munit	taba-
C 4	Bemal	gagali-
C 5	Sihan	irara-
C 6	Gumalu	kati-, irou-
C 7	Isebe	gati-
C 8	Amele	ilo-
C 9	Bau	kati-, hirou-
C10	Panim	gati-, ilo-
C11	Rapting	igi-, garibu
C12	Wamas	tavi- karu
C13	Samosa	ote- kara
C14	Murupi	utu- wahe
C15	Saruga	mugupa-
C16	Nake	mugupa-, igi-
C17	Mosimo	tavi-, kare
C18	Garus	tave-, manmana-
C19	Yoidik	gaba-
C20	Rempi	manmana-
C21	Bagupi	mugupa-
C22	Silopi	tevu-, iro-
C23	Utu	tevu-
C24	Mawan	tawu-, iro-
C25	Baimak	ilo-
C26	Matepi	mogupe-, tevu-
C27	Gal	muge-
C28	Garuh	igi-
C29	Kamba	kuri-

 PO: qulu
brains 35

C 1	irogu
C 2	duriu
C 3	ñuhñhu, zunug
C 4	dubi-
C 5	nohu-
C 6	mukifu
C 7	ilofo-
C 8	ilohu-
C 9	iloufu-
C10	ilofu-
C11	muki-
C12	klmu
C13	komo
C14	mugupi
C15	ilu:
C16	muki-
C17	ki:mu
C18	ula?
C19	tabela-
C20	mugiu-
C21	yeluma
C22	mugi
C23	mogop n
C24	mugia
C25	mukifu
C26	lu
C27	luw
C28	muki-
C29	mugi-

 PO: (?) quto(k)

face (forehead) 37

C 1	Kare	oroba-
C 2	Girawa	oyo-
C 3	Munit	oro-
C 4	Bemal	ahi-
C 5	Sihan	ora-
C 6	Gumalu	ora-
C 7	Isebe	amas-
C 8	Amele	ola-
C 9	Bau	ora-, i-
C10	Panim	ilo- wa
C11	Rapting	ura-
C12	Wamas	ura-
C13	Samosa	ora- fasa
C14	Murupi	ura-
C15	Saruga	ura-
C16	Nake	ora-
C17	Mosimo	ora- fahu
C18	Garus	ule- mit ^h
C19	Yoidik	ula-
C20	Rempi	ula-
C21	Bagupi	ura-
C22	Silopi	ure-
C23	Utu	ure-
C24	Mawan	ura-
C25	Baimak	ura(r)-
C26	Matepi	ure-
C27	Gal	uru-
C28	Garuh	ora-
C29	Kamba	ura-

 PO: nako(n), mata
ear 38

C 1	domb-
C 2	danu-
C 3	dahi-
C 4	dahu-
C 5	dai-
C 6	tahi-
C 7	dahi-
C 8	dahi-
C 9	tahi-
C10	dahi-
C11	dewu-
C12	dav-
C13	dave-
C14	daw- aha
C15	dah-
C16	dahu-
C17	davi- zuga
C18	divu-
C19	debu-
C20	dewu- sa
C21	dahu-
C22	dahu-
C23	dau-
C24	dahu-
C25	tafu-
C26	dahu-
C27	dahu-
C28	dau-
C29	dau-

 PO: dalipa

eye 39

C 1	Kare	omo-
C 2	Girawa	am
C 3	Munit	ame-
C 4	Bemal	ame-
C 5	Sihan	ame-
C 6	Gumalu	ame-
C 7	Isebe	ame-
C 8	Amele	ame-
C 9	Bau	am
C10	Panim	amæ-
C11	Rapting	ame-
C12	Wamas	ami-
C13	Samosa	ame-
C14	Murupi	ama-
C15	Saruga	amu-
C16	Nake	amu-
C17	Mosimo	ami
C18	Garus	ame-
C19	Yoidik	ama-
C20	Rempi	ama-
C21	Bagupi	amu-
C22	Silopi	amu-
C23	Utu	amu-
C24	Mawan	amu-
C25	Baimak	amu-
C26	Matepi	amu-
C27	Gal	amu-
C28	Garuh	ame-
C29	Kamba	ame-

 PO: mata

mouth 41

C 1	kase-
C 2	o-
C 3	egerε-
C 4	o-
C 5	o-
C 6	o-
C 7	o-
C 8	o-
C 9	o-
C10	o-
C11	oa-
C12	kauru-
C13	kaur-
C14	asi-
C15	asi-
C16	uri-, uwa-
C17	karu-
C18	oho-
C19	agΛ-
C20	wa-du, uha-du
C21	asi-
C22	owe-
C23	ove-
C24	owa-
C25	ou-
C26	ove-
C27	ou-
C28	ořε-
C29	kore-

 PO: awaη, maηa, ηusu

nose 42

C 1	Kare	neme-
C 2	Girawa	nepu-
C 3	Munit	mede-
C 4	Benal	si- al
C 5	Sihan	mede-
C 6	Gumalu	mete-
C 7	Isebe	mede-
C 8	Amele	mete-
C 9	Bau	mete-
C10	Parim	mede-
C11	Rapting	no-
C12	Wamas	nowi-
C13	Samosa	nove-
C14	Murupi	noba-
C15	Saruga	nomaha-, numu-
C16	Nake	nohu-
C17	Mosimo	now - fahu
C18	Garus	no-
C19	Yoidik	no-
C20	Rempi	no-
C21	Bagupi	nomusa-
C22	Silopi	nome-
C23	Utu	nome-
C24	Mawan	nomahi-, no-
C25	Balmak	no-
C26	Matepi	nome-
C27	Gal	no-
C28	Garuh	no-
C29	Kamba	no-

 PO: isu(η)
tongue 44

C 1	mambamba
C 2	mino-
C 3	beria-
C 4	mino-
C 5	belia-
C 6	beria-
C 7	belea-
C 8	pelia-
C 9	peria-
C10	beila-
C11	milelu-
C12	mera:ru
C13	ma:ru-
C14	nimaru-
C15	nimaru-
C16	nima:ru-
C17	melal-
C18	milalu-
C19	milalu-
C20	milalu-
C21	nimaru-
C22	nimaro-
C23	nima:ru-
C24	nimaru-
C25	perina-
C26	nimaru-
C27	beri-
C28	balamu-
C29	lemru-

 PO: (a)ma(a)
 (a)ηme(a), maya

saliva 45

C 1	Kare	sondoma
C 2	Girawa	sino?
C 3	Munit	sʌ:ri-
C 4	Bemal	sino-
C 5	Sihan	sahara-, i:n
C 6	Gumalu	sahʌri-
C 7	Isebe	oisa-
C 8	Amele	zahala-
C 9	Bau	sahara-, oʔosa-
C10	Panim	oʔosʌ-
C11	Rapting	sinuwal
C12	Wamas	sonoma
C13	Samosa	sanamo
C14	Murupi	subunʌru
C15	Saruga	imihor
C16	Nake	ihigor
C17	Mosimo	sonomo
C18	Garus	sinu
C19	Yoidik	ʒe?
C20	Rempi	zeouk
C21	Bagupi	imisol
C22	Silopi	oren
C23	Utu	ozen
C24	Mawan	ore-
C25	Baimak	sʌ:ri-
C26	Matepi	isor
C27	Gal	osi-
C28	Garuh	wo:ru-
C29	Kamba	sifuru-

 PO: qansu
tooth 46

C 1	ogo-
C 2	ʌu-, pana?
C 3	ai-
C 4	aɛ-
C 5	ai-
C 6	ai-
C 7	ai-
C 8	ai-, mai-
C 9	ai-
C10	ai-
C11	aʔa-
C12	ʌ-
C13	ʌ:ge-
C14	aʔa-
C15	au-
C16	au-
C17	a-, fabu
C18	tiʔe-
C19	ʌʔʌ-
C20	ʌʔʌ-
C21	au-
C22	ʌu-
C23	au-
C24	a:-
C25	au-
C26	au-
C27	au-
C28	ai-
C29	ɛ(i)-

 PO: lipon, nipon

chin 47

C 1	Kare	sembɛ-
C 2	Girawa	aro-
C 3	Munit	ibɛ-
C 4	Bemal	sibɛ-, maum(u)-
C 5	Sihan	ibɛ-
C 6	Gumalu	aga-
C 7	Isebe	hibɛ-
C 8	Amele	sipɛ-
C 9	Bau	hipɛ-, aka-
C10	Panim	hibɛ-
C11	Rapting	aga-
C12	Wamas	mai-
C13	Samosa	sovɛ- ʌgʌ
C14	Murupi	mai-
C15	Saruga	aga-
C16	Nake	aga-
C17	Mosimo	gaga-
C18	Garus	agɛ-
C19	Yoidik	sibɛ-
C20	Rempi	si:vɛ-
C21	Bagupi	agʌ-
C22	Silopi	age-
C23	Utu	agɛ-
C24	Mawan	agʌ-
C25	Baimak	aka-
C26	Matepi	agɛ-
C27	Gal	aga-
C28	Garuh	agʌ-
C29	Kamba	siwɛ-

PO: qanse, kumi

nape 51

C 1	goromʌ-
C 2	du-
C 3	du-
C 4	du-
C 5	du-
C 6	du-
C 7	du-
C 8	tu-
C 9	tu-
C10	du-
C11	du?u-
C12	nu- a:mu
C13	duga-
C14	nu?u-, tuwari
C15	duhali-
C16	duwa-
C17	nu- amu
C18	du?u-
C19	du-
C20	du?u-
C21	doa- amug
C22	duali-
C23	doʌri-
C24	duhari-
C25	du-
C26	duhʌri-
C27	duhuri-
C28	du-
C29	du-

PO: (?) npoto
(?) ki(n)su

neck 49

C 1	Kare	boro-
C 2	Girawa	petu-
C 3	Munit	ha(ra)-
C 4	Bemal	bɛ-
C 5	Sihan	bɛ:ri-
C 6	Gumalu	pɛ-
C 7	Isebe	bo-
C 8	Amele	pɛ-
C 9	Bau	pɛ- tur
C10	Panim	bo-
C11	Rapring	arumu-
C12	Wamas	gomore
C13	Samosa	kamura-
C14	Murupi	gumara
C15	Saruga	fa-
C16	Nake	fʌ:-
C17	Mosimo	kamuru-
C18	Garus	bʌ-
C19	Yoidik	ʌdmu-
C20	Rempi	bʌ- diri
C21	Bagupi	fʌ-
C22	Silopi	fa- ʌr
C23	Utu	fa- ʌr
C24	Mawan	fʌ:-
C25	Baimak	oran
C26	Matepi	fʌ-
C27	Gal	fa-
C28	Garuh	ba-
C29	Kamba	fʌ-

 PO: kia
throat 50

C 1	boro- yugu
C 2	oʔoʔ
C 3	kɔʔkɔʔ
C 4	krokro-
C 5	dodori
C 6	totɔr
C 7	wanmadodɔr
C 8	total
C 9	totɔr, pɛ
C10	bo- mandodol
C11	arumu- dili
C12	gomore- ʌgu
C13	kamare
C14	gumara- asu
C15	gumara
C16	gumʌ:r
C17	gomorʌg
C18	aramu-
C19	adugu-
C20	kulolgunu-
C21	ʌr pʌʌ
C22	fa- korkor
C23	fa- ʌr
C24	fʌ- korkor
C25	oran dodol
C26	rokrok
C27	
C28	badba-
C29	garfʌg

 PO: (?) ɲpoto

back 53

C 1	Kare	sema-, arewora
C 2	Girawa	meʔesu-, popo-
C 3	Munit	sihō-
C 4	Bemal	bobo-, bugaji-
C 5	Sihan	kokodo-
C 6	Gumalu	foforo-
C 7	Isebe	gogodo-
C 8	Amele	hipo-, ho, gogodo-
C 9	Bau	kokoto-, pioʔta-
C10	Panim	gogodo-
C11	Rapting	degoma-, ʌ:ge-
C12	Wamas	segeme-
C13	Samosa	segemi, vari-
C14	Murupi	semaga-
C15	Saruga	ehu-
C16	Nake	age-
C17	Mosimo	segem-
C18	Garus	dumu-
C19	Yoidik	agama-
C20	Rempi	garmama-
C21	Bagupi	ehe-
C22	Silopi	uru-
C23	Utu	sume-, ehu-
C24	Mawan	ehu-, uru-
C25	Baimak	fofolo-, kokoto-
C26	Matepi	ehu-
C27	Gal	gome-
C28	Garuh	age-
C29	Kamba	gumi-

buttocks 54

C 1	siomo-
C 2	pi- amuʔ
C 3	biere-
C 4	bi- am
C 5	bioto-
C 6	bi-, bioto-
C 7	bioto-
C 8	piʔito-
C 9	piʔoto-
C10	bibito
C11	be:- mira
C12	sikuni-
C13	sawe-
C14	silu-, unu-
C15	soru-
C16	tito-
C17	sikun-
C18	billi-
C19	bila-
C20	bi-
C21	solu-
C22	sihe-
C23	se-
C24	sihʌ-
C25	bioto-
C26	sihe-
C27	bigigo-
C28	biso-
C29	bi-

 PO: mpu(dr)i(t)

arm 55

C 1	Kare	pe-
C 2	Girawa	ipo-
C 3	Munit	barΛ-
C 4	Bemal	ebe-
C 5	Sihan	ebe-
C 6	Gumalu	depe-
C 7	Isebe	ebe-
C 8	Amele	epe-
C 9	Bau	ebe-
C10	Panim	ebe-
C11	Rapting	awe-
C12	Wamas	ave-
C13	Samosa	ave-
C14	Murupi	ava-
C15	Saruga	avi-, avu-
C16	Nake	ivu-
C17	Mosimo	abi-
C18	Garus	ive-, ave-
C19	Yoidik	abe-, ave-
C20	Rempi	ave-
C21	Bagupi	ebe-
C22	Silopi	dewu-
C23	Utu	zevu-
C24	Mawan	debu-
C25	Baimak	rebu-
C26	Matepi	levu-
C27	Gal	ewiu-
C28	Garuh	ebe-
C29	Kamba	ewe-

 PO: lima, liŋa

elbow 57

C 1	gosiba
C 2	ai'wo-
C 3	ames g
C 4	guge-, taumΛg
C 5	u:r
C 6	amuk
C 7	huenen
C 8	su?ul
C 9	hu?ur
C10	gobisi
C11	asue, sune
C12	sunΛ(r)- fahu
C13	sugunΛ
C14	sunΛ-
C15	azepa
C16	osa
C17	sunΛ:li
C18	su?un
C19	su:?nΛk
C20	su?na-
C21	usΛ- amug
C22	kusesin
C23	gusisi
C24	gumi
C25	a:muk
C26	guzezi
C27	sikini
C28	higne-
C29	sukune-

 PO: siku(n)

shoulder 58

C 1	Kare	pasamora
C 2	Girawa	eperu-
C 3	Munit	abara-
C 4	Bemal	abara-
C 5	Sihan	abara-
C 6	Gumalu	apata-
C 7	Isebe	guba-
C 8	Amele	pato-
C 9	Bau	kapara-
C10	Panim	guba-
C11	Rapting	gu:ge-
C12	Wamas	paya fahu
C13	Samosa	emisa-
C14	Murupi	guga-
C15	Saruga	guga-
C16	Nake	goga-
C17	Mosimo	ima(ha)-
C18	Garus	ime-
C19	Yoidik	ima-
C20	Rempi	gugu-
C21	Bagupi	guga-
C22	Silopi	uye-
C23	Utu	uze-
C24	Mawan	abahi-
C25	Baimak	kapata-, dota-
C26	Matepi	guge-, lote-
C27	Gal	gugu-
C28	Garuh	goga-
C29	Kamba	guba-

PO: kapa(k), paRa, sari

armpit 59

C 1	sosola
C 2	aseru-
C 3	giA-
C 4	gisA-
C 5	kia-
C 6	gi'a-
C 7	geA-
C 8	gea-
C 9	gi'A-
C10	gi'A-
C11	gigen
C12	terere-
C13	terere-
C14	gi'i-
C15	sia-
C16	sia-
C17	tetele-
C18	gi'i-
C19	gi'i-
C20	gi'i-
C21	siAli-
C22	sio-
C23	sio-
C24	sio-
C25	sioli-
C26	sio-
C27	gibdi-
C28	gibdi-
C29	gibri-

left (arm) 60

C 1	Kare	eneina
C 2	Girawa	sau? nai
C 3	Munit	nakera
C 4	Benal	nanΛim
C 5	Sihan	nakeva
C 6	Gumalu	hanenei
C 7	Isebe	ahΛne
C 8	Amele	anse
C 9	Bau	hanene
C10	Panim	anahe
C11	Rapting	nanawa
C12	Wamas	nanimo
C13	Samosa	naini
C14	Murupi	naina
C15	Saruga	navaga
C16	Nake	nane
C17	Mosimo	naino
C18	Garus	nanva?
C19	Yoidik	nanawa?
C20	Rempi	ηais
C21	Bagupi	naneh
C22	Silopi	namba
C23	Utu	namba
C24	Mawan	nanebΛ
C25	Baimak	anentai
C26	Matepi	naneva
C27	Gal	nanes
C28	Garuh	nanki
C29	Kamba	naneti

 PO: ma-wiri
right (arm) 61

C 1	kesa
C 2	neu?aim
C 3	meuray
C 4	naliweim
C 5	meurava
C 6	meulipan
C 7	muipa-
C 8	meula
C 9	murife
C10	mu?ifa
C11	bito, awu?
C12	teibo
C13	teva
C14	ivua
C15	zenu
C16	inΛv
C17	teibu
C18	avu?
C19	Λbu?
C20	Λp
C21	metul
C22	tupa, polup
C23	dupa
C24	nuipa
C25	nulipan
C26	nuipΛg
C27	nuipa
C28	sutgu
C29	kenΛri

 PO: ma-taqu

thumb 65

C 1	Kare	nəməna gumʌga
C 2	Girawa	tʌb
C 3	Munit	balʌnimā
C 4	Bemal	
C 5	Sihan	mʌ:
C 6	Gumalu	mia bəu
C 7	Isebe	mamʌg
C 8	Amele	mamɔk
C 9	Bau	mamʌk
C10	Panim	mamʌg
C11	Rapting	metap
C12	Wamas	abia
C13	Samosa	ase
C14	Murupi	metaba
C15	Saruga	mehu
C16	Nake	mɛ ^h
C17	Mosimo	aviha
C18	Garus	anuk
C19	Yoidik	anʌ:g
C20	Rempi	t ^h anaun
C21	Bagupi	mɛhe
C22	Silopi	mɛmɛn
C23	Utu	mipanup
C24	Mawan	mɛmɛ
C25	Baimak	mamak
C26	Matepi	mɛ ^h
C27	Gal	mʌ
C28	Garuh	sanɛug
C29	Kamba	tʌnig

finger nail 66

C 1	kʌ:ru
C 2	sil
C 3	siri
C 4	zil
C 5	siro?
C 6	siu
C 7	silu
C 8	hilo
C 9	si
C10	si:lu
C11	dilik
C12	kʌ:ru
C13	kʌ:rogu
C14	hiligu
C15	dili
C16	pili
C17	kʌ:lu
C18	dilik
C19	dilik
C20	di:luk
C21	bili
C22	kwasin
C23	?poasin
C24	kwahi
C25	siri
C26	pasi
C27	fere
C28	diu
C29	godef

 PO: kuku

leg 67

C 1	Kare	bogo-, kesire-
C 2	Girawa	iso-
C 3	Munit	ha-
C 4	Bemal	aŋa-
C 5	Sihan	hai
C 6	Gumalu	fai
C 7	Isebe	yai-
C 8	Amele	zai-
C 9	Bau	rai-
C10	Panim	yai-
C11	Rapting	baʔa-
C12	Wamas	batʌri-
C13	Samsa	dura-
C14	Murupi	baʔa-
C15	Saruga	fau-
C16	Nake	sipu-
C17	Mosimo	batʌli-
C18	Garus	baʔu-
C19	Yoidik	boʔ -
C20	Remp1	bʌʔa-
C21	Bagup1	fa-
C22	Silopi	fa-
C23	Utu	fa-
C24	Mawan	fʌ-
C25	Baimak	fa:-, katirʌ-
C26	Matepi	fa-
C27	Gal	fau-
C28	Garuh	bai-
C29	Kamba	fe(i)-

 PO: waqe
upper leg 68

C 1	manumba
C 2	osi-, pau-
C 3	do-
C 4	hoi-
C 5	tuʔuru-
C 6	tuʔuli-
C 7	marʌwʌ-
C 8	tuʔumi
C 9	tuʔulu-
C10	tʰuʔu-
C11	pisi
C12	fo-
C13	foe-
C14	wih-
C15	gah-
C16	turi-
C17	fo-
C18	pisi-
C19	pisi-
C20	pisi-
C21	igou-
C22	komu-
C23	gomu-
C24	guga-
C25	pia:ri-
C26	gome-
C27	powa-
C28	suri-
C29	turi-

calf (of leg) 70

C 1	Kare	ʌ:ta
C 2	Girawa	tupsi-
C 3	Munit	sosi-
C 4	Bemal	ʒiu- tabu
C 5	Sihan	use-
C 6	Gumalu	use-
C 7	Isebe	mataufu-
C 8	Amele	pik
C 9	Bau	matefu-, use-
C10	Panim	yai- bignʌg
C11	Rapting	marara-
C12	Wamas	dau
C13	Samosa	marʌra-
C14	Murupi	malala-
C15	Saruga	marara-
C16	Nake	marara-
C17	Mosimo	mararʌ-
C18	Garus	maʃʌle
C19	Yoidik	mualda-
C20	Rempi	malde-
C21	Bagupi	isumagi
C22	Silopi	usi-
C23	Utu	usi-
C24	Mawan	uhehu-
C25	Baimak	madefu-, use-
C26	Matepi	hunu-
C27	Gal	usi-
C28	Garuh	didi-
C29	Kamba	matfu-

knee 71

C 1	umʌuma
C 2	wo-
C 3	gando-
C 4	tauban
C 5	kʌ:t, ihoro-
C 6	katira-
C 7	gʌtirʌ-
C 8	ko:p
C 9	katira-
C10	gatiʌ-
C11	gate-
C12	tavar- ʌmu
C13	tava(ra)- amo
C14	tava- mu
C15	tova-
C16	gate-
C17	tavali- amug
C18	gʌte-
C19	gata- amak
C20	gata- amuk
C21	dowa- amug
C22	keta-
C23	gete-
C24	tabʌri-
C25	ʌ:muk
C26	gate-
C27	kate-
C28	kase-
C29	gate-

 PO: tu(dr) (iu)

belly 72⁷

C 1 Kare ε- mbonga

C 2 Girawa no'o

C 3 Munit

C 4 Bemal bigu-

C 5 Sihan wawi-

C 6 Gumalu wawi-

C 7 Isebe wawi-

C 8 Amele wawi-

C 9 Bau vavi-

C10 Panim wawu-

C11 Raptang o-, wo-

C12 Wamas oa-

C13 Samosa o(e)- si

C14 Murupi o- si

C15 Saruga o-

C16 Nake ɔ-

C17 Mosimo o-

C18 Garus o-

C19 Yoidik wo- sʌʔ

C20 Rempi wo- sʌ

C21 Bagupi ihuru- em

C22 Silopi o-

C23 Utu o-

C24 Mawan o-

C25 Baimak o-

C26 Matepi o-

C27 Gal o-

C28 Garuh wo-

C29 Kamba o-

 PO: kete, manawa,
 tia(n)
stomach (guts) 73

C 1 si, enasi

C 2

C 3 bia-

C 4 bigu- oug

C 5 bi-

C 6 wavi- tuʔis

C 7 bi- maliagu, bi- anag

C 8 wawi- tuni, bi- anak

C 9 vov-

C10 bi- anʌg

C11 bi, bi muliʔ

C12 si

C13 si

C14 si

C15 si

C16 si:

C17 si:

C18 oʔoʔek

C19 uʔu-

C20 kuʔoi-

C21 si

C22 si-

C23 si-

C24 bi:r

C25 o- wʌg

C26 si- gup

C27 bi-

C28 bi-

C29 bi-

 PO: tinaq(ei) (*guts*)

breast (woman) 74

C 1	Kare	o:y
C 2	Girawa	apur
C 3	Munit	api(ri)-
C 4	Bemal	Λ:pi-
C 5	Sihan	su:-
C 6	Gumalu	hu, hugu-
C 7	Isebe	hu-
C 8	Amele	suk
C 9	Bau	hu:
C10	Parim	su-

C11	Rapting	au
C12	Wamas	au
C13	Samosa	au
C14	Murupi	au
C15	Saruga	au
C16	Nake	su, suha
C17	Mosimo	au
C18	Garus	Λ:, Λ:vε-
C19	Yoidik	susu-
C20	Rempi	susu?ε-
C21	Bagupi	Λ:b
C22	Silopi	aba
C23	Utu	awa
C24	Mawan	auma
C25	Baimak	aumay
C26	Matepi	awa
C27	Gal	au-
C28	Garuh	hu
C29	Kamba	auma

PO: (n)su(n)su

chest 75

C 1	gerεwa-
C 2	tofo-
C 3	todo-
C 4	toro-
C 5	muku-
C 6	mugu-
C 7	mugu-
C 8	muku-
C 9	muku-
C10	mugu-
C11	pari
C12	kogomu-
C13	igΛ-
C14	via-
C15	via-
C16	?ip-, gilipo-
C17	kogomo-
C18	pari-
C19	badi-
C20	padi-
C21	gilipo-
C22	kemu-
C23	gema-
C24	gamu-
C25	mugu-, toto-
C26	gabu-
C27	εwo-
C28	gampo-
C29	damko-

navel 77

C 1	Kare	simurugo
C 2	Girawa	sor-
C 3	Munit	iri-
C 4	Bemal	sol-
C 5	Sihan	iri-
C 6	Gumalu	hiri-
C 7	Isebe	hili-
C 8	Amele	sili-
C 9	Bau	hiri-
C10	Panim	hili-
C11	Rapting	sumuri-
C12	Wamas	sumuli-
C13	Samosa	naso-
C14	Murupi	simuli-
C15	Saruga	ihuru-
C16	Nake	imuri-
C17	Mosimo	sumuli-
C18	Garus	žimuli-
C19	Yoidik	natmΛ-
C20	Rempi	susmi-
C21	Bagupi	ihuru-
C22	Silopi	ihu-
C23	Utu	yu-
C24	Mawan	iri-
C25	Baimak	iri-
C26	Matepi	silu-, ihuru-
C27	Gal	iri-
C28	Garuh	hiři-
C29	Kamba	sivři-

 PO: mpuso(s)
blood 78

C 1	urΛw
C 2	ʔarian
C 3	eda-
C 4	ese-
C 5	eta-
C 6	roga-
C 7	yoga-
C 8	kola-
C 9	roka-
C10	zogΛ
C11	ti
C12	ti
C13	ti
C14	Λti-
C15	ti-
C16	ti-
C17	ti-
C18	et, aře-
C19	ΛdΛ-
C20	Λd
C21	ti
C22	ti-
C23	ti-
C24	Λri-
C25	momoka-
C26	ti-
C27	ti-
C28	si-
C29	kařΛ-

 PO: daRa(q), toto

vein 79

C 1	Kare	silisiri
C 2	Girawa	dun
C 3	Munit	silA-, didi-
C 4	Bemal	diri-
C 5	Sihan	sirima(n)-
C 6	Gumalu	sirima-
C 7	Isebe	silima-
C 8	Amele	hilima-
C 9	Bau	sirima-
C10	Panim	silima-
C11	Rapting	dilik
C12	Wamas	sili
C13	Samosa	sirini
C14	Murupi	simul-
C15	Saruga	sili
C16	Nake	sili:-
C17	Mosimo	sili
C18	Garus	dile-
C19	Yoidik	difi-
C20	Rempi	di:ri-
C21	Bagupi	sili
C22	Silopi	siri
C23	Utu	zi:ri
C24	Mawan	sirimu-
C25	Baimak	sirimuk
C26	Matepi	sirihu-
C27	Gal	simirig
C28	Garuh	dirj-
C29	Kamba	diri-

 PO: ura
heart⁸ 83

C 1	
C 2	amau-
C 3	putputi-
C 4	butbut-
C 5	uru-
C 6	uru-
C 7	uru-
C 8	uli-
C 9	uru-
C10	uli-
C11	uru-, puwaga-
C12	ti guta:u
C13	
C14	ora
C15	ipailime
C16	gam-
C17	kevele-
C18	ulu-
C19	nibuba-
C20	
C21	ti
C22	
C23	
C24	ga- papuaya
C25	
C26	
C27	
C28	umhi-
C29	kirigur

 PO: (?) manawa, (?) nua

liver 81

C 1	Kare	koura
C 2	Girawa	bau- au
C 3	Munit	uru-
C 4	Bemal	bahu-
C 5	Sihan	kema-
C 6	Gumalu	gemΛ-
C 7	Isebe	
C 8	Amele	gema-
C 9	Bau	kema-
C10	Panim	gemΛ-
C11	Rapting	ulu wogai
C12	Wamas	game-
C13	Samosa	gΛme-
C14	Murupi	gΛm-
C15	Saruga	gam-
C16	Nake	gam- gai
C17	Mosimo	gami-
C18	Garus	game-
C19	Yoidik	ulu-
C20	Rempi	gΛma-
C21	Bagupi	game-
C22	Silopi	kemu-
C23	Utu	gemu-
C24	Mawan	ga-
C25	Baimak	ulu- a:uk
C26	Matepi	uru- aug
C27	Gal	gami-
C28	Garuh	gama-
C29	Kamba	kuru- gagrag

 PO: gate
lung 82

C 1	gΛ:ma
C 2	sarsari
C 3	arisa-
C 4	wΛg-
C 5	
C 6	aresa-
C 7	hewΛ-
C 8	malasu
C 9	uru-
C10	masΛlu-
C11	degoma a?at
C12	game-
C13	game- ora
C14	panΛgu
C15	gam- ora
C16	gam- gari
C17	gami- nΛheta
C18	bubuwe- usus
C19	ususu-
C20	ulu-
C21	uru-
C22	uru-
C23	uru- aug
C24	uru- ahu
C25	kam-
C26	gem-
C27	uri-
C28	alehau-
C29	kuru- kawa

bone 84

C 1	Kare	pasΛ:ga
C 2	Girawa	isu?au
C 3	Munit	ho-
C 4	Bemal	pahi-
C 5	Sihan	efai-
C 6	Gumalu	pehiri-
C 7	Isebe	behili-
C 8	Amele	tefuli-
C 9	Bau	fehili-
C10	Panim	tefulu-
C11	Rapting	pasi-
C12	Wamas	fahulu-
C13	Samosa	faso
C14	Murupi	wahi-
C15	Saruga	epe-
C16	Nake	epe-
C17	Mosimo	fahul-
C18	Garus	pasi-
C19	Yoidik	pasi-
C20	Rempi	pΛsi-
C21	Bagupi	epe-
C22	Silopi	epe-
C23	Utu	epe-
C24	Mawan	epe-
C25	Baimak	epay-
C26	Matepi	epe-
C27	Gal	epe-
C28	Garuh	ipi-
C29	Kamba	kefsi-

 PO: suRi, tu(dr)(i)
skin (body) 85

C 1	dΛ:ru, to?o
C 2	?era-, to?o, eni-
C 3	gera-, dehulig
C 4	gala-, eni-
C 5	kana-, evΛ-
C 6	ganau-
C 7	gΛna-
C 8	təwən-, kana?
C 9	kanau-
C10	gana-
C11	gara-
C12	gara-
C13	gare-
C14	garaw-
C15	gara-, aho-
C16	gara-, fε-
C17	gara-
C18	gale-
C19	sΛ-
C20	gΛʔa-, ogu-
C21	garΛ-, fε-
C22	keri-, fε-
C23	gara, fε-
C24	gari-, feru-
C25	gara-, feru-
C26	gare-, ahu-
C27	gari-, feri
C28	gaʔa-, piru-
C29	gone-

 PO: kuli(i)

sweat 86

C 1	Kare	wΛ:ra
C 2	Girawa	mui
C 3	Munit	eri-
C 4	Bemal	sibigel
C 5	Sihan	eri?
C 6	Gumalu	muhuri-
C 7	Isebe	muhulu-
C 8	Amele	musul
C 9	Bau	muhur
C10	Panim	muhul
C11	Rapting	misul
C12	Wamas	mi:li
C13	Samosa	miri
C14	Murupi	mihulu
C15	Saruga	mi:lu
C16	Nake	mihur
C17	Mosimo	mili
C18	Garus	misul
C19	Yoidik	milu-
C20	Rempi	milu-
C21	Bagupi	mihur
C22	Silopi	eri
C23	Utu	eri
C24	Mawan	eri
C25	Baimak	mul- (v)
C26	Matepi	eri-
C27	Gal	saisa ^h
C28	Garuh	hi ^h fi
C29	Kamba	zeri

sore 87

C 1	irumba
C 2	u:ze
C 3	ue-, use-, we-
C 4	su-
C 5	yo-
C 6	yo-
C 7	yo-
C 8	iso-
C 9	zo-
C10	zou-
C11	yu
C12	ju
C13	su
C14	zu
C15	ta:hu
C16	tΛha-
C17	zu
C18	zu
C19	yu-
C20	zu-
C21	tΛ ^h
C22	tΛ:n
C23	tΛ:n
C24	tΛh
C25	you-
C26	tΛh
C27	i-, ye-
C28	ihi-
C29	isi-

excrement 89

C 1	Kare	si
C 2	Girawa	p ^h i
C 3	Munit	bi:
C 4	Bemal	bi-
C 5	Sihan	bi:-
C 6	Gumalu	pi-
C 7	Isebe	biyu
C 8	Amele	puyɛ?
C 9	Bau	pi
C10	Panim	bi(ad)- (v)

C11	Rapting	bi
C12	Wamas	si
C13	Samosa	si
C14	Murupi	si
C15	Saruga	si:
C16	Nake	si
C17	Mosimo	si
C18	Garus	bi:
C19	Yoidik	bi
C20	Remp1	bi-
C21	Bagup1	si:
C22	Silop1	si:
C23	Utu	si
C24	Mawan	bi:
C25	Baimak	bi:
C26	Matep1	si
C27	Gal	bi
C28	Garuh	bi-
C29	Kamba	bi-

 PO: taq(ei)
urine 90

C 1	Iba
C 2	si
C 3	suã
C 4	sipa-
C 5	heva-
C 6	yafou
C 7	sifadow
C 8	zaho?
C 9	yafe
C10	siwad- (v)

C11	solan
C12	dze
C13	se:gu
C14	ze
C15	zeipa
C16	sor
C17	ze
C18	salol
C19	salole-
C20	silol
C21	deip
C22	deip
C23	zeip
C24	reip
C25	sire
C26	leip
C27	seserem
C28	hibřu-
C29	suf ^u ra-

 PO: di(dr)i, diRi, mimi

penis 91

C 1	Kare	ne-
C 2	Girawa	ne-
C 3	Munit	se-
C 4	Bemal	wai-
C 5	Sihan	ke-, pami-
C 6	Gumalu	au-
C 7	Isebe	ere-
C 8	Amele	bam-, ka-
C 9	Bau	ele-, pamik
C10	Panim	ele-
C11	Rapting	ne-
C12	Wamas	ne-
C13	Samosa	ne-
C14	Murupi	ne-
C15	Saruga	ova-
C16	Nake	ne-
C17	Mosimo	ne-
C18	Garus	ne-
C19	Yoidik	de-
C20	Rempi	de-
C21	Bagupi	owa-
C22	Silopi	owe-
C23	Utu	ove-
C24	Mawan	se-
C25	Baimak	au-, pami-
C26	Matepi	howe-
C27	Gal	se-
C28	Garuh	de-
C29	Kamba	de-

 PO: uti
vulva 95

C 1	bo-
C 2	mina-
C 3	mina-
C 4	mina-
C 5	mina-
C 6	mina-
C 7	mina-
C 8	mina-
C 9	mina-
C10	mina-
C11	bu-
C12	bua-
C13	bu-
C14	fu- viA:ga
C15	fugu
C16	ku-
C17	bu-
C18	bu-
C19	bu-
C20	bu-
C21	fu-
C22	fu-
C23	fu-
C24	fu-
C25	bia-
C26	fu-
C27	fu-
C28	se:bu
C29	fu-

name 93

C 1 Kare seme-

C 2 Girawa eni-

C 3 Munit beni-

C 4 Bemal wani-

C 5 Sihan veni-

C 6 Bumalu weni-

C 7 Isebe yeni-

C 8 Amele iza-

C 9 Bau leni-

C10 Panim ženu-

C11 Raptiŋg vani-

C12 Wamas bina-

C13 Samosa bina-

C14 Murup1 bina-

C15 Saruga pina-

C16 Nake bina-

C17 Mosimo bina-

C18 Garus vani-

C19 Yoidik weni-

C20 Remp1 vani-

C21 Bagup1 bina-

C22 Silop1 wani-

C23 Utu vani-

C24 Mawan wani-

C25 Baimak wani-

C26 Matep1 wani-

C27 Gal wani-

C28 Garuh wani-

C29 Kamba weni-

 PO: qansa(n)

shadow 92

C 1 dende-

C 2 iba-

C 3 tete-

C 4 dodo-

C 5 dorodoro-

C 6 toro-

C 7 ahu-

C 8 hahu-

C 9 ahu-

C10 hahu-

C11 do-

C12 doro-

C13 dore-

C14 do-

C15 iso-

C16 itito-

C17 dor-

C18 do-

C19 do-

C20 do-

C21 isiho-

C22 isoso-

C23 do-

C24 iroro-

C25 torotoro-

C26 doro-

C27 dori-

C28 lido-, isto-, doto-

C29 toro-, kito-

 PO: (dr)odo, qata

*cassowary** 101

C 1	Kare	mΛ:gwa
C 2	Girawa	ɛwar, me:b
C 3	Munit	kubuk
C 4	Bemal	kimau
C 5	Sihan	eir
C 6	Gumalu	chiř
C 7	Isebe	chir
C 8	Amele	esil
C 9	Bau	chir
C10	Panim	chil
C11	Rapting	kivam
C12	Wamas	kiwΛ:ri, du:wau
C13	Samosa	kivari
C14	Murupi	iwΛ:li
C15	Saruga	iwar
C16	Nake	iwΛ:r
C17	Mosimo	duwo
C18	Garus	asa
C19	Yoidik	asΛu
C20	Rempi	Λsaw
C21	Bagupi	iwΛ:r
C22	Silopi	iwar
C23	Utu	iwar
C24	Mawan	iwar
C25	Baimak	iwai
C26	Matepi	iwar
C27	Gal	iwař
C28	Garuh	he:gař
C29	Kamba	kiwar

 PO: kansua(dr) i
bird 96

C 1	wu
C 2	Λi
C 3	Λi
C 4	mε:g
C 5	mΛ:n
C 6	mΛ:n
C 7	ai
C 8	ma:n
C 9	hai, man
C10	ai
C11	ai
C12	a:i
C13	Λ:y
C14	Λy
C15	a:y
C16	ay
C17	Λ:y
C18	ε:
C19	ye:
C20	aih
C21	Λi
C22	ay
C23	a:y
C24	a:r
C25	ay
C26	Λl
C27	ai
C28	ay
C29	æ:

 PO: manuk

tail (of bird) 99

C 1	Kare	si:ruɡu
C 2	Girawa	pitɪu
C 3	Munit	bitu
C 4	Bemal	bitotow
C 5	Sihan	pitu
C 6	Gumalu	pitɪu
C 7	Isebe	bitu
C 8	Amele	pitohuʔ
C 9	Bau	piti
C10	Panim	biti
C11	Rapting	viʔik
C12	Wamas	siharu
C13	Samosa	sisarere
C14	Murupi	sʌ:ru, sihʌ:ru
C15	Saruga	si:ru
C16	Nake	bitutu
C17	Mosimo	siharu
C18	Garus	bitota
C19	Yoidik	udik
C20	Rempi	vidiuk
C21	Bagupi	solulug
C22	Silopi	sinulug, sin
C23	Utu	sipuk- uruk
C24	Mawan	biti
C25	Baimak	biti
C26	Matepi	sihurug
C27	Gal	foh
C28	Garuh	bizu
C29	Kamba	fæf

tail 106

C 1	ɔ:sa
C 2	iʔeu
C 3	wɛu
C 4	ujag
C 5	hoku
C 6	fahuk
C 7	fohug
C 8	hohu-
C 9	fohuk
C10	fohug
C11	viʔik
C12	malu
C13	marogu
C14	malu
C15	usigu
C16	bohug
C17	masu
C18	virik
C19	udik
C20	vidiuk
C21	usig
C22	po:n
C23	bo:n
C24	bo:
C25	fof(u)
C26	bo
C27	foh
C28	bizop
C29	fæ:f

**chicken (tame)* 102

C 1	Kare	ɔʌ
C 2	Girawa	ʔaʔarau, uner
C 3	Munit	tue
C 4	Bemal	toi
C 5	Sihan	maʔtu
C 6	Bumalu	matu
C 7	Isebe	tataʔ:r
C 8	Amele	mala:
C 9	Bau	matu
C10	Panim	tataʔl
C11	Rapting	tare
C12	Wamas	madu
C13	Samosa	marue
C14	Murupi	marua
C15	Saruga	maru
C16	Nake	maru
C17	Mosimo	maʔu
C18	Garus	tateʔ
C19	Yoidik	kuʔek
C20	Rempi	taʔʔte
C21	Bagupi	meru
C22	Silopi	meru
C23	Utu	meru
C24	Mawan	maru
C25	Baimak	ma:tu
C26	Matepi	opuma
C27	Gal	ɔkoma
C28	Garuh	hap may, matugi
C29	Kamba	maru

 PO: (?) toa
chicken (wild) 103

C 1	nayɔŋga
C 2	malan, ʔiʔau
C 3	pakia, nakʌ:m
C 4	malan, kigiaw
C 5	nʌʔu, baʔio
C 6	paʔiau, marau
C 7	na, baiyu
C 8	paʔiyo, nʌ
C 9	baʔyo, nʌ
C10	nʌ, baʔizu
C11	vakak
C12	oyʌ:g
C13	niʌ:ge
C14	marʌu
C15	morau
C16	murʌ:u
C17	oyʌ:gu
C18	wayauk
C19	wayak
C20	si:ɔʔ
C21	morabi, meresagur
C22	ara:
C23	aza
C24	ara:g
C25	malabep
C26	nʌ, pako
C27	nʌ
C28	bakio, maʔaw
C29	na, marakle

egg 100

C 1 Kare sombaga

C 2 Girawa baba

C 3 Munit ba:gu

C 4 Bemal wa:k

C 5 Sihan musa

C 6 Gumalu munau

C 7 Isebe hoba

C 8 Amele na:k

C 9 Bau musa

C10 Panim na?ag

C11 Raptang taka

C12 Wamas he:gu

C13 Samosa se:gu

C14 Murupi he:gu

C15 Saruga ova

C16 Nake musa:, muna:

C17 Mosimo se:gu

C18 Garus dika:

C19 Yoidik koki

C20 Remp1 deuk

C21 Bagupi musa

C22 Silopi muna:n

C23 Utu muna:n

C24 Mawan muna

C25 Balmak musau

C26 Matepi muna

C27 Gal owa

C28 Garuh obau

C29 Kamba ov

 PO: mpou, katoluR,
 tolu(R)

dog 104

C 1 kui

C 2 e:n

C 3 kwã

C 4 pa(u)

C 5 pay

C 6 pa

C 7 pa

C 8 pa

C 9 pa

C10 pa

C11 pay

C12 pa

C13 ay

C14 pay

C15 pay

C16 pa:y

C17 pa

C18 pe:

C19 pe

C20 pay

C21 pa

C22 way

C23 pay

C24 kwΛ:r

C25 pay

C26 pa:l

C27 pa

C28 pay

C29 pa:

 PO: (?) gkaun
 (?) kui

male (of animals) 107

C 1	Kare	ŋgamba
C 2	Girawa	sabai
C 3	Munit	saway
C 4	Bemal	ɣaway
C 5	Sihan	manahar
C 6	Gumalu	dana
C 7	Isebe	ɗana
C 8	Amele	manahal
C 9	Bau	dana
C10	Panim	manfal
C11	Rapting	mɛʔ
C12	Wamas	gabo
C13	Samosa	gabo
C14	Murupi	gaba
C15	Saruga	gaha
C16	Nake	ga
C17	Mosimo	gawo
C18	Garus	mɛʔ
C19	Yoidik	gap
C20	Rempi	mi:di
C21	Bagupi	goh
C22	Silopi	kon
C23	Utu	gon
C24	Mawan	gah(a), sina
C25	Baimak	kav
C26	Natepi	go
C27	Gal	gah
C28	Garuh	mɛu
C29	Kamba	dawe

 PO: ɲmane
female (of animals) 108

C 1	ʌnunga
C 2	anau
C 3	ana
C 4	ana:g
C 5	anʌgu
C 6	arau
C 7	anʌg
C 8	ʌnʌk
C 9	aik
C10	anʌg
C11	*anʌg
C12	anau
C13	anʌ:gu
C14	anʌ:gu
C15	anʌ:gu
C16	anʌ:g
C17	anou
C18	anuk
C19	anʌ:g
C20	anauk
C21	ɛnʌg
C22	anʌg
C23	anʌg
C24	anʌg
C25	ʌnak
C26	anʌg
C27	anag
C28	anauk
C29	anig

 PO: papine

<i>fly</i> (n)	109
C 1 Kare	kigiwa:si
C 2 Girawa	ʔauʔel
C 3 Munit	gwāu
C 4 Bemal	guʌbur
C 5 Sihan	guʌbur
C 6 Gumalu	bahuř
C 7 Isebe	bahur
C 8 Amele	pahol
C 9 Bau	pahur
C10 Panim	bahul
C11 Rapting	talolo
C12 Wamas	buhʌ:ge
C13 Samosa	ba:vu
C14 Murupi	bubohʌ:ga
C15 Saruga	pʌ:hu
C16 Nake	sarow, ʒʌ:ne
C17 Mosimo	bouhʌ:ge
C18 Garus	gaup
C19 Yoidik	goʌp, bařiu
C20 Remp1	bʌp
C21 Bagupi	pahura
C22 Silopi	painda
C23 Utu	painda
C24 Mawan	kwa:hura
C25 Baimak	upepey, pʌfudow
C26 Matepi	sarov
C27 Gal	layilag
C28 Garuh	babdi:t
C29 Kamba	bʌf

PO: laŋo

<i>louse</i>	112
C 1 mi	
C 2 mi	
C 3 mi	
C 4 me	
C 5 mi	
C 6 mi	
C 7 mi	
C 8 mi	
C 9 mi	
C10 mi	
C11 mi	
C12 mi	
C13 mi	
C14 mi	
C15 mi	
C16 mi	
C17 mi	
C18 mi	
C19 mi	
C20 mi	
C21 mi	
C22 mi	
C23 mi	
C24 mi	
C25 mi	
C26 mi	
C27 mi	
C28 mi	
C29 mi	

PO: kutu, tuma

fish 110

C 1	Kare	mArasa
C 2	Girawa	bAs
C 3	Munit	va:le
C 4	Bemal	karuk
C 5	Sihan	u:ř
C 6	Gumalu	uř, mbu
C 7	Isebe	do:r, manig
C 8	Amele	do:l
C 9	Bau	to:l
C10	Parim	dol
C11	Rapting	mor
C12	Wamas	marawa:ri
C13	Samosa	marise, tAge
C14	Murupi	marAha
C15	Saruga	enuga
C16	Nake	mara, silab
C17	Mosimo	waru:ge
C18	Garus	aul
C19	Yoidik	aru
C20	Rempi	kike
C21	Bagupi	silau
C22	Silopi	kaA:r
C23	Utu	enuk, gařAř
C24	Mawan	mariga
C25	Balmak	marik
C26	Matepi	silav
C27	Gal	sirab
C28	Garuh	aoř, kakai
C29	Kamba	do:r, kake

 PO: Ikan
crayfish 111

C 1	nemura
C 2	sapau
C 3	sisi
C 4	sabau
C 5	sa sa
C 6	uř
C 7	wehin
C 8	u:l
C 9	?ohu
C10	u:l
C11	mare
C12	mare
C13	nemure
C14	mArca
C15	zoma:ru
C16	goi
C17	mare
C18	mařeh
C19	sabay
C20	ila?
C21	zomAr
C22	demA:r
C23	zemAr
C24	domAr
C25	amis
C26	lomor
C27	goi
C28	goi
C29	guæ

 PO: uda(η)

mosquito 114

C 1	Kare	maranusi
C 2	Girawa	Λ:s
C 3	Munit	āi, gāhi
C 4	Bemal	siul
C 5	Sihan	i:u
C 6	Gumalu	ihimΛr
C 7	Isebe	ihī
C 8	Amele	is
C 9	Bau	?ihimar
C10	Panim	ihī
C11	Rapting	mumu?
C12	Wamas	makene
C13	Samosa	makani s
C14	Murup1	makani(si), bi:ra
C15	Saruga	makanihi
C16	Nake	kopani
C17	Mosimo	makini
C18	Garus	makali
C19	Yoidik	is
C20	Remp1	is
C21	Bagup1	kapani
C22	Silop1	ipi
C23	Utu	ipi
C24	Mawan	ipi
C25	Baimak	imΛr
C26	Matep1	ipi
C27	Gal	pepek
C28	Garuh	kapni
C29	Kamba	ibis

 PO: ñamuk
*pig** 115

C 1	bi:
C 2	p ^h o
C 3	ho:
C 4	bo
C 5	ho
C 6	fo
C 7	fo
C 8	ho
C 9	fo
C10	fo
C11	bo
C12	bo
C13	bo
C14	bo
C15	bo
C16	bo
C17	bo
C18	bo
C19	bo
C20	bo
C21	bo
C22	bo
C23	bo
C24	bo
C25	fo
C26	bo
C27	fo
C28	bo
C29	bo

 PO: mpoRou

meat 116

C 1	Kare	di:ba
C 2	Girawa	to?ou
C 3	Munit	təhu
C 4	Bemal	təbug
C 5	Sihan	təhu?
C 6	Gumalu	ufu-
C 7	Isebe	ufun
C 8	Amele	uhun
C 9	Bau	ufun
C10	Panim	
C11	Rapting	tibu?
C12	Wamas	dau
C13	Samosa	daugu
C14	Murupi	dau
C15	Saruga	uhunu
C16	Nake	dihun
C17	Mosimo	dau
C18	Garus	suku
C19	Yoidik	me:?
C20	Rempi	suku
C21	Bagupi	tihun
C22	Silopi	uhun
C23	Utu	un
C24	Mawan	uhun
C25	Baimak	ufun
C26	Matepi	uhun
C27	Gal	uhun
C28	Garuh	sibu
C29	Kamba	təf

 PO: pi(n)siko
fat 117

C 1	sōnda
C 2	sileuw
C 3	tinu
C 4	sirΛg
C 5	ti:nu
C 6	munau
C 7	muna
C 8	lalu
C 9	munΛhu-
C10	
C11	sumu?
C12	sumu
C13	somo
C14	humu
C15	nagu
C16	irΛ:g
C17	somu
C18	sumuk
C19	munΛg
C20	manauk
C21	tirΛg
C22	nagu
C23	nagu
C24	irΛ:g
C25	munΛw
C26	muna
C27	muna
C28	idaug
C29	kid

 PO: monak

*crocodile** 118

C 1	Kare	yamAy
C 2	Girawa	zamAi, aʔin
C 3	Munit	pagAy
C 4	Bemal	zamay
C 5	Sihan	wakay
C 6	Gumalu	wagAi
C 7	Isebe	wagi
C 8	Amele	waka
C 9	Bau	vAke
C10	Panim	waga
C11	Rapting	wagAy
C12	Wamas	oni, yamAy
C13	Samosa	anivo, ani
C14	Murupi	wagAy
C15	Saruga	wagAy
C16	Nake	wagay
C17	Mosimo	wagay
C18	Garus	vage
C19	Yoidik	enaʔ
C20	Rempi	vAgay
C21	Bagupi	wagAi
C22	Silopi	wagA:
C23	Utu	wa:ga
C24	Mawan	waga
C25	Bainak	wagay
C26	Matepi	wAga
C27	Gal	wagai, pani
C28	Garuh	wagay
C29	Kamba	wagə

 PO: puqaya
flying fox 119

C 1	merimba
C 2	monop ^h
C 3	be, papay
C 4	kaway
C 5	mere
C 6	pesur
C 7	meref
C 8	mele
C 9	merch, sosob
C10	melef
C11	melep
C12	mercb
C13	mere:bu
C14	melebu
C15	melehu
C16	mele
C17	meleb
C18	ive:
C19	aibAm
C20	malbom
C21	mele
C22	meren
C23	meren
C24	koairu
C25	baidu
C26	mele
C27	mere
C28	melbom
C29	meræf

 PO: (m)pekwa

<i>frog</i> 120		
C 1	Kare	yaira
C 2	Girawa	p ^h ʌl
C 3	Munit	kõle
C 4	Bemal	bʌl
C 5	Sihan	o:k
C 6	Gumalu	ok
C 7	Isebe	ɔ:g
C 8	Amele	ɔ:k
C 9	Bau	ɔk
C10	Panim	og
C11	Rapting	sunar, bilo?
C12	Wamas	kukunai
C13	Samosa	sɛsɛr
C14	Murupi	suhuʔu, ogo
C15	Saruga	ogo:, oyay
C16	Nake	ʔo:g
C17	Mosimo	magala, wahe
C18	Garus	sisul
C19	Yoidik	gadan
C20	Rempi	bi:ʔok
C21	Bagupi	ɔgo
C22	Silopi	ogo:
C23	Utu	oga
C24	Mawan	ogo
C25	Baimak	ok
C26	Matepi	ogo
C27	Gal	ɔ:g
C28	Garuh	lɛkay, wɔ:k, biʔoy, kir
C29	Kamba	kɔ:g

<i>rat</i> 121		
C 1	kusʌwuna	
C 2	sab, saul	
C 3	gagam	
C 4	saul	
C 5	koʔi	
C 6	koʔi	
C 7	goʔi	
C 8	koʔi	
C 9	koʔi	
C10	goʔi	

C11	silam
C12	pʌ:huna
C13	aisaune
C14	pahuna
C15	pagoya
C16	gu:b
C17	bahuna
C18	silɛm
C19	duaik
C20	duaik
C21	pagoi
C22	barum
C23	parum
C24	koauna
C25	okumar
C26	aravi
C27	goi
C28	soig
C29	tə:g

PO: k(au)nsupe, mpita

<i>snake</i> 122			<i>wallaby</i> 123		
C 1	Kare	su:ru	C 1	urinday	
C 2	Girawa	me:n	C 2	uze?	
C 3	Munit	mani	C 3	sugule	
C 4	Bemal	man	C 4	gawi	
C 5	Sihan	ma:ni	C 5	utama	
C 6	Gumalu	ma:ni	C 6	sukuř	
C 7	Isebe	man	C 7	dami	
C 8	Amele	man sonone	C 8	utama, so	
C 9	Bau	man, man sononi	C 9	utame	
C10	Panim	man	C10	udami	
C11	Rapting	bagal, magay	C11	soel	
C12	Wamas	mat	C12	bede	
C13	Samosa	su	C13	ere	
C14	Murupi	wansuru	C14	ura	
C15	Saruga	su:ru	C15	ura	
C16	Nake	magay	C16	so:r	
C17	Mosimo	wanhiligu	C17	bere	
C18	Garus	magæ	C18	gaut	
C19	Yoidik	muran, arafek, kosman	C19	glat	
C20	Rempi	makay	C20	soiř	
C21	Bagupi	suř	C21	ur	
C22	Silopi	su	C22	ondo	
C23	Utu	su	C23	onda	
C24	Mawan	mat	C24	wai	
C25	Baimak	mat	C25	sugur	
C26	Matepi	su	C26	uř	
C27	Gal	mat	C27	waib	
C28	Garuh	magay	C28	hoiř	
C29	Kamba	mat	C29	weib	
PO:		gmata			

*possum (tree)*⁹ 124

C 1	Kare	dΛ:ma
C 2	Girawa	sibΛ:l
C 3	Munit	kaka, damΛy
C 4	Bemal	haukay, siwai
C 5	Sihan	ti:Λ?
C 6	Gumalu	tamΛi
C 7	Isebe	do:l
C 8	Amele	tama, oiv, holabala, du:m
C 9	Bau	Λ?, damay
C10	Panim	dami
C11	Rapting	aru
C12	Wamas	getine
C13	Samosa	
C14	Murupi	etini, yΛgi, emina
C15	Saruga	Λ:u
C16	Nake	Λ:r, dama:
C17	Mosimo	kiti:ni
C18	Garus	wamæ
C19	Yoidik	wamε, alip
C20	Rempi	vΛkuin
C21	Bagupi	damΛ
C22	Silopi	damΛ, yΛgi
C23	Utu	dama, yagi
C24	Mawan	damay, yagi
C25	Baimak	tamay
C26	Matepi	dama
C27	Gal	damai
C28	Garuh	damay
C29	Kamba	dame

possum (ground) 125

C 1	sagΛ:nimi
C 2	?asin
C 3	ganim
C 4	ganim, gasin
C 5	kΛnim
C 6	masΛn
C 7	ganim
C 8	kanim
C 9	ukanim
C10	gΛnim
C11	vakin, saun
C12	su:b
C13	
C14	su?ubu
C15	tusihi
C16	tusi
C17	su:bu
C18	
C19	wakun reu
C20	uis
C21	tusih
C22	kanim
C23	ganim
C24	ganim
C25	ganim
C26	ganim
C27	ganim
C28	gain
C29	ganim

butterfly 126

C 1	Kare	purupuru
C 2	Girawa	apapʌr
C 3	Munit	papʌlit
C 4	Bemal	papal
C 5	Sihan	papʌrit
C 6	Gumalu	papʌrit
C 7	Isebe	babʌrit
C 8	Amele	babalit
C 9	Bau	paparit
C10	Panim	babalit
C11	Rapting	taleʔleʔ
C12	Wamas	pageri:bu, bubur
C13	Samosa	bowuru
C14	Murupi	pagʌlubu
C15	Saruga	bibirolɪ
C16	Nake	bobor
C17	Mosimo	bubulu
C18	Garus	talele
C19	Yoidik	balum
C20	Rempi	kʌbob
C21	Bagupi	bobor
C22	Silopi	tiwalip
C23	Utu	bivorip
C24	Mawan	bʌbarit
C25	Baimak	babarit
C26	Matepi	bobʌrit
C27	Gal	babrit
C28	Garuh	boboir
C29	Kamba	bobor

 PO: mpe(e)mpe(e)
wing 98

C 1	sora
C 2	saw
C 3	sʌb
C 4	sʌu
C 5	aruʔ
C 6	haru
C 7	hʌru
C 8	hozon
C 9	haruk
C10	halu
C11	sa
C12	garʌ
C13	sʌ:gu
C14	hʌ:
C15	alu
C16	ʌ:lu
C17	sʌ
C18	sʌ:
C19	uguʔ
C20	sʌ
C21	ʌ:lu
C22	aru
C23	a:ru
C24	airu
C25	alu
C26	ailu
C27	āru
C28	hauk
C29	sau

 PO: kapu(k), pan(i)

banana 127

C 1 Kare baugi, mɛaŋga

C 2 Girawa zʌ:r

C 3 Munit nair

C 4 Bernal wal

C 5 Sihan i:d

C 6 Gumalu i:t

C 7 Isebe dʌ:is

C 8 Amele mu:ɔn

C 9 Bau i:t

C10 Panim i:t

C11 Raptiŋ mug

C12 Wamas mug

C13 Samosa mogu

C14 Murupi mugu

C15 Saruga mu:gu

C16 Nake mug

C17 Mosimo mugu

C18 Garus muk

C19 Yoidik mug

C20 Rempi mu:k

C21 Bagupi mug

C22 Silopi mug

C23 Utu mug

C24 Mawan mug

C25 Baimak mu:g

C26 Matepi mug

C27 Gal mug

C28 Garuh mug

C29 Kamba mug

PO: pu(n)ti

**betelnut* 128

C 1 kʌ:za

C 2 ʌsʌp, ʌur

C 3 ɛbaʔ

C 4 aul

C 5 ɛ:b

C 6 ep

C 7 ɛb

C 8 ɛb

C 9 ep

C10 ep

C11 ba

C12 kanɛ

C13 kase

C14 asa

C15 fa

C16 fa

C17 kahe

C18 bay

C19 bai

C20 bʌ

C21 fa

C22 fʌ

C23 fa

C24 fa

C25 ep

C26 fʌ

C27 fa

C28 ba

C29 fa

PO: (?) (m)pua

**betel pepper vine* 129

C 1	Kare	sumbi
C 2	Girawa	nzai
C 3	Munit	hūra
C 4	Bemal	buř
C 5	Sihan	our
C 6	Gumalu	ohuř
C 7	Isebe	?ohur
C 8	Amele	hul
C 9	Bau	ohul
C10	Panim	ohul
C11	Rapting	ohol
C12	Wamas	žai
C13	Samosa	zai
C14	Murupi	zai
C15	Saruga	zay
C16	Nake	our
C17	Mosimo	zay
C18	Garus	žo
C19	Voidik	žo
C20	Rempi	uhor, or
C21	Bagupi	our
C22	Silopi	our
C23	Utu	our
C24	Mawan	our
C25	Balmak	our
C26	Matepi	our
C27	Gal	eur
C28	Garuh	auř
C29	Kamba	kaur

**lime* 130

C 1	gumu
C 2	sa:r
C 3	aw, sūs
C 4	sus
C 5	?a:w
C 6	au
C 7	au
C 8	waya
C 9	au
C10	au
C11	au
C12	ka
C13	sise
C14	au
C15	suh
C16	zu
C17	kau
C18	?a:
C19	aw
C20	au
C21	suh
C22	su:n
C23	su:n
C24	su
C25	su
C26	suh
C27	au
C28	kupil
C29	ka

 PO: apuR, lanje, lase

alang-alang grass 131

C 1	Kare	siΛmbΛ
C 2	Girawa	ain
C 3	Munit	kwai
C 4	Bemal	upu
C 5	Sihan	i:nam
C 6	Gumalu	inΛm
C 7	Isebe	inΛm
C 8	Amele	inem
C 9	Bau	inam
C10	Panim	inΛ:m
C11	Rapting	koko
C12	Wamas	seb
C13	Samosa	seve
C14	Murupi	seba
C15	Saruga	pahapin
C16	Nake	pahak
C17	Mosimo	sebe
C18	Garus	dεp
C19	Yoidik	kokos
C20	Rempi	kukos
C21	Bagupi	paspin
C22	Silopi	imer
C23	Utu	imer
C24	Mawan	imΛr
C25	Baimak	inam
C26	Matepi	imeř
C27	Gal	imař
C28	Garuh	bahaik
C29	Kamba	pasΛk

pandanus 132

C 1	туру
C 2	orow
C 3	simis, mō
C 4	olou kunegal
C 5	usamp
C 6	mo?i
C 7	mo?il
C 8	foi
C 9	morokai, mo?i
C10	mo?il
C11	moi
C12	salio, muye
C13	i:gu
C14	moya, sariya
C15	moi palhe
C16	mui
C17	salio
C18	dali?
C19	dariri
C20	darikriu, wak, pal
C21	moi
C22	oror
C23	oror
C24	mor, sariri
C25	orsay, mo:u
C26	ge, salili
C27	orsai
C28	darkak, muwi
C29	mui, kodΛr

 PO: panda, kiRekiRe

**potato* 133

C 1	Kare	agigi
C 2	Girawa	?upi
C 3	Munit	kubia
C 4	Bemal	kubi
C 5	Sihan	kubi
C 6	Gumalu	wagigai
C 7	Isebe	dor?o
C 8	Amele	
C 9	Bau	
C10	Panim	gog
C11	Rapting	songal
C12	Wamas	wagik
C13	Samosa	vagig
C14	Murupi	vagigi
C15	Saruga	vagigi
C16	Nake	tonom, wagigik
C17	Mosimo	agigi
C18	Garus	songal
C19	Yoidik	sarembat
C20	Rempi	songel
C21	Bagupi	tonom
C22	Silopi	
C23	Utu	ku:via
C24	Mawan	vahige
C25	Baimak	wagigay
C26	Matepi	wagigi
C27	Gal	kaukau
C28	Garuh	sonom
C29	Kamba	duraka

**sugar* 134

C 1	sukaura
C 2	sa
C 3	sa
C 4	am
C 5	sa
C 6	sa:
C 7	sa
C 8	ha
C 9	sa
C10	sa
C11	am
C12	subuli
C13	suguri
C14	subuli
C15	isuri
C16	am
C17	subuli
C18	de
C19	dah
C20	da:
C21	banA
C22	sa
C23	sa
C24	sa
C25	sa
C26	sa
C27	sa
C28	am
C29	kam

 PO: topu

taro 135

C 1	Kare	mu:
C 2	Girawa	ma
C 3	Munit	mã
C 4	Bemal	ma
C 5	Sihan	ma
C 6	Gumalu	ma
C 7	Isebe	ma
C 8	Amele	ma
C 9	Bau	ma
C10	Paním	ma:
C11	Rapting	ma
C12	Wamas	ma
C13	Samosa	ma
C14	Murupi	ma
C15	Saruga	ma
C16	Nake	ma
C17	Mosimo	ma
C18	Garus	ma
C19	Yoidik	ma
C20	Rempi	m
C21	Bagupi	ma
C22	Silopi	ma
C23	Utu	ma
C24	Mawan	ma
C25	Baimak	ma
C26	Matepi	ma
C27	Gal	ma
C28	Garuh	ma
C29	Kamba	ma

 PO: ntalo(s)

*singapore taro 136

C 1	namara
C 2	bu?er
C 3	komkom
C 4	komokom
C 5	pa?a
C 6	laima
C 7	ba?u
C 8	pa?ala
C 9	pa?o
C10	banbaik
C11	namala
C12	konkon
C13	namera
C14	namalana, koka
C15	namalan
C16	namala
C17	konko
C18	
C19	ma konkon
C20	
C21	nama
C22	namae
C23	ma namira
C24	daima
C25	raima
C26	ko:m, namala
C27	lepau
C28	sibag ma
C29	malæ:ma

yam 137

C 1	Kare	mainda
C 2	Girawa	mura
C 3	Munit	kaka:li
C 4	Bemal	ʌl
C 5	Sihan	marʌk, siwar
C 6	Gumalu	malʌk
C 7	Isebe	marʌg
C 8	Amele	malak
C 9	Bau	marak
C10	Panim	malʌg
C11	Rapting	tawel
C12	Wamas	sabir
C13	Samosa	ara
C14	Murupi	sabɛla
C15	Saruga	savela
C16	Nake	ʔo
C17	Mosimo	bara
C18	Garus	igon
C19	Yoidik	igon
C20	Rempi	i:gon
C21	Bagupi	sabɛl
C22	Silopi	kakar
C23	Utu	kakar
C24	Mawan	murak
C25	Baimak	ɔ
C26	Matepi	muʔʌ:g
C27	Gal	murak
C28	Garuh	dabɛʔ
C29	Kamba	dawar

 PO: qupi
yam (dioscorea esculenta) 138

C 1	keʔʌ:ru
C 2	bo:r
C 3	nemi, memi
C 4	mer
C 5	ʔo
C 6	o
C 7	ʔo
C 8	ʔo
C 9	ʔo:
C10	gamug, o:
C11	igon
C12	para
C13	gere
C14	gamʌg
C15	o
C16	savɛl
C17	sabili
C18	davɛl
C19	di
C20	di:
C21	ʔo
C22	ʔo
C23	ʔo
C24	ɔ:
C25	murak
C26	ɔ
C27	au
C28	au
C29	ka

**tobacco*¹⁰ 139

C 1	Kare	kΛ:si
C 2	Girawa	iut, itut
C 3	Munit	kasa
C 4	Bemal	hit
C 5	Sihan	daʔas, kΛs
C 6	Gumalu	kas
C 7	Isebe	kas
C 8	Amele	yaʔas
C 9	Bau	kΛs
C10	Panim	kΛs
C11	Rapting	kah
C12	Wamas	kahi
C13	Samosa	kasi
C14	Murupi	kΛha
C15	Saruga	ka:ha
C16	Nake	ka(h)ŋ
C17	Mosimo	kahi
C18	Garus	kΛ
C19	Yoidik	muis
C20	Rempi	kΛs
C21	Bagupi	kah
C22	Silopi	kas
C23	Utu	kas
C24	Mawan	kas
C25	Baimak	kas
C26	Matepi	kΛs
C27	Gal	kΛs
C28	Garuh	kau
C29	Kamba	kΛs

**sago* 140

C 1	bie:wa
C 2	amap, amoum
C 3	ama
C 4	amam
C 5	ama
C 6	amam
C 7	ama
C 8	ama
C 9	ama
C10	amΛ:
C11	dul
C12	mbo:b
C13	beu
C14	bopi
C15	bo:pi
C16	bop
C17	bobi
C18	bom
C19	bo:m
C20	bom
C21	bo:p
C22	amag
C23	amak
C24	amak
C25	amau
C26	beʔiv
C27	fem
C28	bom
C29	fam

 PO: r(au)mpia

*coconut (tree) 141

C 1 Kare kisua

C 2 Girawa u?umai

C 3 Munit nu:r

C 4 Bemal gom

C 5 Sihan asur

C 6 Gumal asuř

C 7 Isebe asur

C 8 Amele ahul

C 9 Bau asur

C10 Panim asul

C11 Raptiŋ ni

C12 Wamas ni

C13 Samosa ni

C14 Murupi ni

C15 Saruga isu

C16 Nake isu

C17 Mosimo ni

C18 Garus met

C19 Yoidik ni

C20 Remp1 ni

C21 Bagup1 isu

C22 Silop1 isu

C23 Utu isu

C24 Mawan isu

C25 Baimak isu

C26 Matepi i:su

C27 Gal isu

C28 Garuh diu

C29 Kamba kiri

 PO: niu(R)

**ripe coconut* 142

C 1	Kare	tʌ:ra
C 2	Girawa	ʔuram
C 3	Munit	mi:n
C 4	Bemal	mehu
C 5	Sihan	mɛʔek
C 6	Gumalu	mɛʔek
C 7	Isebe	mɛʔeg
C 8	Amele	mek
C 9	Bau	mɛʔek
C10	Panim	mɛʔeg
C11	Rapting	maha
C12	Wamas	maha
C13	Samosa	moʌ:gu
C14	Murupi	mʌ:
C15	Saruga	mopʌ
C16	Nake	moupa
C17	Mosimo	tumu
C18	Garus	maha
C19	Yoidik	mohaʔ
C20	Rempi	maha
C21	Bagupi	mapʌ
C22	Silopi	moup
C23	Utu	maup
C24	Mawan	maup
C25	Baimak	maup
C26	Matepi	moup
C27	Gal	mɛ:g
C28	Garuh	koi
C29	Kamba	meirak

**green coconut* 143

C 1	kurasigi
C 2	ʌn
C 3	tuhu, gugu
C 4	bisi:k
C 5	wʌ:
C 6	dɛhu
C 7	gufu
C 8	adʌk
C 9	wʌ
C10	tauf
C11	ʒɛ
C12	parʌ:
C13	arʌ:gu
C14	gubu, barʌ
C15	guhu
C16	di
C17	parʌ:
C18	ʒɛ
C19	mɛʔ
C20	guʔgoʔu
C21	di
C22	dɛn
C23	pariku
C24	rɛ
C25	rɛu
C26	lɛ
C27	lɛhu
C28	lɛb
C29	tauf

tree 144

C 1	Kare	kaima
C 2	Girawa	Λ:m
C 3	Munit	hã
C 4	Bemal	Λ:
C 5	Sihan	nΛi
C 6	Gumalu	na
C 7	Isebe	na
C 8	Amele	nΛ
C 9	Bau	nΛ
C10	Panim	nΛ
C11	Rapting	aip
C12	Wamas	kaimo
C13	Samosa	kaimo
C14	Murupi	aima
C15	Saruga	aima
C16	Nake	aim
C17	Mosimo	kaimo
C18	Garus	aip
C19	Yoidik	ep
C20	Rempi	aip
C21	Bagupi	im
C22	Silopi	en
C23	Utu	en
C24	Mawan	ah
C25	Baimak	as
C26	Matepi	es
C27	Gal	Λs
C28	Garuh	aib
C29	Kamba	ke:r

 PO: kayu
fruit 148

C 1	o:gΛ
C 2	nemau
C 3	ma:g, agu
C 4	da:b
C 5	ai?
C 6	iu
C 7	aig
C 8	aik
C 9	i:
C10	aik
C11	a?ak
C12	Λ:gu
C13	agogu
C14	a?Λgu
C15	augu
C16	auk
C17	Λ:gu
C18	nagei?
C19	Λga
C20	auk
C21	aug
C22	aug
C23	auk
C24	aug
C25	aug
C26	aug
C27	aug
C28	duřu
C29	mou

 PO: pua^q

sap 149

C 1	Kare	soga
C 2	Girawa	As
C 3	Munit	gorew
C 4	Bemal	gas
C 5	Sihan	ki:na
C 6	Gumalu	gin
C 7	Isebe	giri
C 8	Amele	gili?
C 9	Bau	kin
C10	Panlm	gili
C11	Rapting	ti
C12	Wamas	tita:
C13	Samosa	tita
C14	Murupi	tita
C15	Saruga	titihu
C16	Nake	titi
C17	Mosimo	dita:
C18	Garus	ti:
C19	Yoidik	ti:
C20	Remp1	adauk
C21	Bagupi	titi
C22	Silopi	titin
C23	Utu	tihu
C24	Mawan	titi
C25	Balmak	gin, titifu
C26	Matepi	titi
C27	Gal	tih
C28	Garuh	siug
C29	Kamba	ditfu, kar

 PO: mpulu(t), toto
stump (of tree) 150

C 1	tambu
C 2	tapaw
C 3	gu:
C 4	bige:gu
C 5	ku:k
C 6	guk
C 7	gu:g
C 8	kuk
C 9	um
C10	gug
C11	di:k
C12	taba
C13	tavoro
C14	tabro
C15	sigu, taboro
C16	si:k
C17	taba
C18	be:?
C19	a:nuk
C20	diuk
C21	si:g
C22	tawa:g
C23	tawa:k
C24	taba
C25	tebin, guru
C26	tawag
C27	sig
C28	diug
C29	dig

 PO: puqun

top (of tree) 151

C 1	Kare	muena
C 2	Girawa	æru?
C 3	Munit	uri:g
C 4	Bemal	oto:w
C 5	Sihan	ko?in
C 6	Gumalu	gou
C 7	Isebe	go?in
C 8	Amele	iko?
C 9	Bau	kʌti ko? n
C10	Panim	go?in
C11	Rapting	go:k
C12	Wamas	tukʌ:r
C13	Samosa	kuma
C14	Murupi	umʌgu, utuwahe
C15	Saruga	go:gu
C16	Nake	go:k
C17	Mosimo	kuma, utukaru
C18	Garus	umauk
C19	Yoidik	muʌ:k
C20	Rempi	u:mauk
C21	Bagupi	go:g
C22	Silopi	kɔ:g
C23	Utu	go:k
C24	Mawan	go:k
C25	Baimak	gok
C26	Matepi	go:g
C27	Gal	gok
C28	Garuh	goug
C29	Kamba	gog

trunk (of tree) 152

C 1	mbigi
C 2	ænip
C 3	umu
C 4	enip
C 5	um
C 6	um
C 7	um
C 8	um
C 9	um
C10	u:m
C11	mu
C12	mu:
C13	mu
C14	(a)mu
C15	dirimu
C16	imu
C17	mu:
C18	mu:?
C19	mu:
C20	mu:
C21	mu
C22	mu:
C23	mu:
C24	mu
C25	mu:
C26	mu:
C27	umu
C28	yimu
C29	um

root (of tree) 153

C 1	Kare	singi
C 2	Girawa	ʔinip
C 3	Munit	bebei
C 4	Bemal	ginip
C 5	Sihan	bebesiroin
C 6	Gumalu	pepeu
C 7	Isebe	bebu
C 8	Amele	bebek
C 9	Bau	fefe
C10	Panim	bebu
C11	Rapting	diliʔ
C12	Wamas	sig
C13	Samosa	si:gu
C14	Murupi	si:gu
C15	Saruga	si:gu
C16	Nake	si:li
C17	Mosimo	sigu
C18	Garus	dika
C19	Yoidik	di:k
C20	Rempi	di:ʔi
C21	Bagupi	silig
C22	Silopi	si:g
C23	Utu	si:k
C24	Mawan	sik
C25	Baimak	si:k
C26	Matepi	sig
C27	Gal	simrig
C28	Garuh	diriu
C29	Kamba	dir

 P0: wakaR, Ramu
piece of wood 154

C 1	tugu
C 2	sawaw, ouʔ
C 3	sage, hæenig
C 4	ʌ:b
C 5	tutu, pabuti
C 6	siʌk
C 7	tutu
C 8	fan
C 9	siʔʌk
C10	tutu
C11	kari, duʔ
C12	fogʌ, tu
C13	ʌtuku
C14	utu
C15	mayahu
C16	tutu
C17	maha
C18	tu:
C19	du
C20	iheʔ
C21	tutu
C22	tu:
C23	tu
C24	tu
C25	tutu
C26	tutu
C27	tutu
C28	mahau
C29	tutu, unu

cane 156

C 1	Kare	si:na
C 2	Girawa	sin
C 3	Munit	hū
C 4	Bemal	bu:
C 5	Sihan	nu:
C 6	Gumalu	i:f
C 7	Isebe	hif
C 8	Amele	na
C 9	Bau	si
C10	Panım	zi
C11	Rapting	siwil
C12	Wamas	sibir
C13	Samosa	bume
C14	Murupi	sibili
C15	Saruga	iwa:ri
C16	Nake	ivil
C17	Mosimo	sibil
C18	Garus	soup
C19	Yoidik	sap
C20	Rempi	alaw
C21	Bagupi	iwa:r
C22	Silopi	iwa:r
C23	Utu	iva:r
C24	Mawan	iwa:r
C25	Baimak	i:r
C26	Matepi	iwar
C27	Gal	ibir, bik
C28	Garuh	hibiř
C29	Kamba	sibiř

 PO: kayu
stick 157

C 1	kaima pasΛ:ga
C 2	otpau
C 3	tutul
C 4	kabit
C 5	tutur
C 6	na tut
C 7	tut
C 8	si
C 9	su
C10	tut
C11	naindur
C12	banore
C13	anuru
C14	pa:nuru
C15	panΛru
C16	aim banar
C17	kai ba:nul
C18	pasi
C19	yuk
C20	alaw
C21	banΛ:r
C22	en
C23	en tuta
C24	ahirig
C25	kobay
C26	bat
C27	tut
C28	basus
C29	soket

 PO: toko (for walking, etc.)

<i>bamboo</i> 158		
C 1	Kare	bΛ:ra
C 2	Girawa	ɔ:r
C 3	Munit	endu
C 4	Bemal	Λr
C 5	Sihan	ehun
C 6	Gumalu	et
C 7	Isebe	ed
C 8	Amele	ɛ:d, a:geɪ, wadup
C 9	Bau	et, sɔ
C10	Panim	əd
C11	Rapting	aruk
C12	Wamas	kΛ:r
C13	Samosa	kΛ:re
C14	Murupi	Λ:ru
C15	Saruga	Λ:ru
C16	Nake	goŋɔp
C17	Mosimo	kΛ:r
C18	Garus	aruk
C19	Yoidik	aduk
C20	Rempi	Λŋʌs, ʌduk, bi:d
C21	Bagupi	Λr
C22	Silopi	ʔΛ:r
C23	Utu	Λr
C24	Mawan	ʔeh
C25	Balmak	ɛf
C26	Matepi	Λŋ, fozin
C27	Gal	ʔeh
C28	Garuh	livat, dɪn, laum, bodoŋ
C29	Kamba	karu:g

<i>*bean</i> 159		
C 1	koira	
C 2		
C 3	hāhāy	
C 4	omoy	
C 5	mari	
C 6	mali	
C 7	mamΛri	
C 8	maʔin	
C 9	mumari	
C10	buluna	
C11	bateʔ	
C12	baite	
C13	aite	
C14	paita	
C15	gupay	
C16	gupay	
C17	baite	
C18		
C19	pate:ʔ	
C20	bɔnsis	
C21	gupΛi	
C22	fua:	
C23	fua	
C24	fua	
C25	fuay	
C26	fuΛ	
C27	foay	
C28	biŋuŋ, bubaih	
C29	suəs	

shrub (target) 161

C 1	Kare	kaugu
C 2	Girawa	
C 3	Munit	kwāhu
C 4	Bemal	wabum
C 5	Sihan	pahu
C 6	Gumalu	baf
C 7	Isebe	aʔizor
C 8	Amele	ʔaʔisol
C 9	Bau	paf
C10	Panim	aʔisol, saguni

C11	Rapting	awaʔ
C12	Wamas	koʔ:, bʌb
C13	Samosa	bʌ:vu
C14	Murupi	pʌbu, abʌ
C15	Saruga	fa:hu
C16	Nake	pahum
C17	Mosimo	koʔ:, bʌ:bu
C18	Garus	avʌ:ʔ
C19	Yoidik	awʌʔ
C20	Rempi	awaʔ
C21	Bagupi	pahum
C22	Silopi	pahum
C23	Utu	pahum
C24	Mawan	koahu
C25	Baimak	pafu
C26	Matepi	pahum
C27	Gal	ʔaway
C28	Garuh	babuim, kava
C29	Kamba	kawa

vine 160

C 1	miʌa
C 2	
C 3	sawar, muri
C 4	us
C 5	saval
C 6	savʌʌ
C 7	mar
C 8	halu
C 9	maʔar
C10	dadʌʌ

C11	mul
C12	muri
C13	muri
C14	muri, uma
C15	muri
C16	muri
C17	mul i
C18	mul i
C19	mul i
C20	mul i
C21	mul i
C22	muri
C23	muri
C24	muri
C25	muri
C26	muri
C27	muri
C28	muri
C29	dʌrʌr

 PO: waRos

fire 162

C 1 Kare ɔ:nda

C 2 Girawa ɛ:p

C 3 Munit ɛbi

C 4 Bemal ʌb

C 5 Sihan dʌ:y

C 6 Gumalu ray

C 7 Isebe yai

C 8 Amele za

C 9 Bau rai

C10 Panim zai

C11 Raptng zale

C12 Wamas ʌre

C13 Samosa ʌ:re

C14 Murupi ara

C15 Saruga upa

C16 Nake ʌ:rup

C17 Mosimo ʌre

C18 Garus ahʌl

C19 Yoidik ʌʌh

C20 Remp1 ala

C21 Bagupi imup

C22 Silopi ɛnʌp

C23 Utu ɛnʌp

C24 Mawan aim

C25 Baimak aim

C26 Matepi eim

C27 Gal aim

C28 Garuh aib

C29 Kamba kəb

PO: api

light (of fire) 163

C 1 liwika

C 2 dzerɛu

C 3 un, u:ga

C 4 ɛlɛw

C 5 io?

C 6

C 7 iyeuni

C 8 kowo

C 9 iɛ?

C10 izou?ɛ

C11 aʔag

C12

C13

C14 aru, dire

C15 orau

C16 amob

C17 luwagu

C18 zale?

C19 mɛ:gu

C20 didide

C21 oraum

C22

C23 aruto

C24 ɛup

C25 ɛmaup

C26 onup

C27 aup

C28 aʔau

C29 ar

PO: (?) dama(r), sina(R)

smoke 165

C 1	Kare	miΛ:sa
C 2	Girawa	i:t
C 3	Munit	ebur
C 4	Bemal	muk
C 5	Sihan	ahu?
C 6	Gumalu	ahu
C 7	Isebe	ahu
C 8	Amele	asu?
C 9	Bau	ahu
C10	Panim	ahu
C11	Rapting	musi?
C12	Wamas	muhi
C13	Samosa	mosi
C14	Murupi	muhi
C15	Saruga	mui
C16	Nake	kΛ:h
C17	Mosimo	muhi
C18	Garus	musi?
C19	Yoidik	musi
C20	Rempi	muis
C21	Bagupi	kΛ
C22	Silopi	enamu
C23	Utu	mupΛ
C24	Mawan	aima(?)
C25	Baimak	au
C26	Matepi	auh
C27	Gal	auh
C28	Garuh	kau
C29	Kamba	kΛs

 PO: qasu
ashes 164

C 1	gausi, kumusira
C 2	aitap, ui
C 3	kuambi, olis
C 4	waibul, mus
C 5	omis, bopin, oris
C 6	bΛp, orit
C 7	barΛp, olit
C 8	omis
C 9	aw, alaba, oris
C10	walba, alos
C11	gui, hamck
C12	giagi, pamu
C13	gausi
C14	gauhi, his
C15	gausi
C16	gauh
C17	gau
C18	vei
C19	dchi
C20	pamuil, hamat
C21	gauh, olim
C22	pΛ:b
C23	pΛ:b, iΛg, maup
C24	kuΛ:p
C25	ur
C26	gauh, urit
C27	isur, orag
C28	uhuir
C29	usur, amΛr

 PO: apu, ndapu

garden 166

C 1	Kare	sʌŋga, pə:sili
C 2	Girawa	bo:i
C 3	Munit	arʌw
C 4	Bemal	salau
C 5	Sihan	abia
C 6	Gumalu	pərau
C 7	Isebe	yesʌn
C 8	Amele	api
C 9	Bau	abi
C10	Panim	abi, yesʌn
C11	Rapting	ɛn
C12	Wamas	faheri, kenege
C13	Samosa	kenagara
C14	Murupi	wahili, eneɡa
C15	Saruga	paili
C16	Nake	anʌp
C17	Mosimo	kenege
C18	Garus	ɛn
C19	Yoidik	?ɛn
C20	Rempi	ɛn
C21	Bagupi	pail
C22	Silopi	meyan, anub, pair
C23	Utu	pair
C24	Mawan	pair
C25	Baimak	p rau
C26	Matepi	pail
C27	Gal	pair
C28	Garuh	hib, da:d
C29	Kamba	dʌr

 PO: quma
fence 167

C 1	siesə
C 2	polim
C 3	ʌ:lɛ
C 4	gilan
C 5	ʌ:ri
C 6	ʌ:r
C 7	ɡɛ:r
C 8	kɛ:l
C 9	ɡɛ:r
C10	səl
C11	ail
C12	sɛ:
C13	se
C14	ʌ:ri
C15	sɛ:ru
C16	ʌ:r
C17	sɛ
C18	sisɛp
C19	sasap
C20	sasap
C21	ʌ:r
C22	ʌ:r
C23	ɛ:p
C24	ʌ:r
C25	ar
C26	ʌ:r
C27	ʌr
C28	hep
C29	kʌr

 PO: (m)para

ground 168

C 1	Kare	Λ:na
C 2	Girawa	o:m
C 3	Munit	basa
C 4	Bemal	em
C 5	Sihan	mi:r
C 6	Gumalu	miʔe
C 7	Isebe	mi:r
C 8	Amele	maha
C 9	Bau	mir
C10	Panim	maha

C11	Rapting	wan
C12	Wamas	wane
C13	Samosa	vane
C14	Murupi	vəna
C15	Saruga	vana
C16	Nake	van, ʌb
C17	Mosimo	vane
C18	Garus	wan
C19	Yoidik	wan
C20	Rempi	vʌn
C21	Bagupi	eb
C22	Silopi	ʔeb
C23	Utu	ep
C24	Mawan	ǎp
C25	Baimak	mon
C26	Matepi	e:v
C27	Gal	ʌb
C28	Garuh	wan
C29	Kamba	wan

PO: tano(q) (*ground, soil*)
panua (*land*)

house 169

C 1	yagʌ:bu
C 2	ɔ:w
C 3	debe
C 4	zaw
C 5	do:
C 6	lo
C 7	yo
C 8	zo
C 9	do
C10	zo

C11	za
C12	jʌ
C13	zau
C14	za:u
C15	za:wa
C16	zau
C17	yʌ:
C18	ʒouh
C19	sau
C20	saw
C21	ʒʌb
C22	dʌ
C23	za
C24	ra
C25	imʌt
C26	lʌ
C27	law
C28	lʌ:g
C29	lo

PO: ruŋma(q), pale

moon 173

C 1	Kare	naway
C 2	Girawa	ʔeɪr
C 3	Munit	kaboy
C 4	Bemal	geir
C 5	Sihan	da:kər
C 6	Gumalu	lagel
C 7	Isebe	yager
C 8	Amele	zakel
C 9	Bau	raker
C10	Panim	yagel
C11	Rapting	naway
C12	Wamas	noai
C13	Samosa	nuʌi
C14	Murupi	nʌi
C15	Saruga	nai
C16	Nake	nuway
C17	Mosimo	noʌy
C18	Garus	nevə, votmik
C19	Yoidik	kalam
C20	Rempi	kalam
C21	Bagupi	aʒʌ:r
C22	Silopi	nava
C23	Utu	nava
C24	Mawan	koʌ:rik
C25	Baimak	parik
C26	Matepi	nava
C27	Gal	ala
C28	Garuh	kalam
C29	Kamba	kalam

 PO: pula(n)

mountain 174

C 1	orogʌri, anayugu
C 2	t ^h orou
C 3	aha, kwesi
C 4	manam
C 5	besiʔ, ehen
C 6	fohien
C 7	mi:l
C 8	ʔalu
C 9	efok, fohien, ʌtu
C10	mahagali
C11	pahiʔ, buɛ
C12	bori
C13	baʌɛ
C14	baɛɛ
C15	fafa
C16	faɛɛ
C17	wanju
C18	boeʔ
C19	samʌʔ
C20	samaʔ
C21	baɛɛ
C22	ʔi:
C23	i:, ɛɛɛrum
C24	man, ɛɛɛp
C25	at ^h u
C26	manu
C27	manu
C28	bay, bibɹu, yeɹɛɹ, bigab
C29	boku

 PO: kor(ao), solo

path 175

C 1 Kare i:mbu

C 2 Girawa apu

C 3 Munit abu

C 4 Bemal abu

C 5 Sihan ahu

C 6 Gumalu hiu

C 7 Isebe i:

C 8 Amele ži?

C 9 Bau hi

C10 Panim i

C11 Raptig i:p

C12 Wamas i:bu

C13 Samosa zovo

C14 Murupi i:bu

C15 Saruga i:hu

C16 Nake i:h

C17 Mosimo i:bu

C18 Garus i:p

C19 Yoidik i:b

C20 Remp i:pman

C21 Bagupi i:hi

C22 Silopi sbin

C23 Utu irimen

C24 Mawan mana

C25 Balmak i:m

C26 Matepi i:h

C27 Gal i:m

C28 Garuh ibman

C29 Kamba if

FO: sala(n)

sea 176

C 1 simo:si

C 2 murei

C 3 mas, ber

C 4 ibut

C 5 ma?as

C 6 ma:s, malas

C 7 ma?as

C 8 ma?as

C 9 ma?as

C10 ma?as

C11 gagi?

C12 gagi

C13 gagi

C14 simahi, gagi

C15 simahi

C16 sima

C17 gagi

C18 manu

C19 gagi?

C20 ma:s

C21 simah

C22 siman

C23 siman

C24 simah

C25 ma:s

C26 sima

C27 simah

C28 yu:, hima

C29 i:b

FO: laman, masawa, tansik

shore 177

C 1	Kare	kondea
C 2	Girawa	omul
C 3	Munit	u:gur
C 4	Bemal	urun
C 5	Sihan	mir asawa
C 6	Gumalu	kunanis
C 7	Isebe	dahigu
C 8	Amele	lana
C 9	Bau	asab
C10	Panim	dʌn
C11	Rapting	lʌn
C12	Wamas	tasin
C13	Samosa	koromari
C14	Murupi	uʔuru, si:ga
C15	Saruga	veha:gu
C16	Nake	besʌ:g
C17	Mosimo	tasina
C18	Garus	la:n
C19	Yoidik	lanʌg
C20	Rempi	lan
C21	Bagupi	besʌ:g
C22	Silopi	urug
C23	Utu	bahur
C24	Mawan	uruma
C25	Baimak	ve:rum
C26	Matepi	le aga
C27	Gal	
C28	Garuh	lan
C29	Kamba	eran

 PO: masawa
sand 178

C 1	ε:si:gi
C 2	us
C 3	gisi:
C 4	u:s
C 5	esiʔ
C 6	igis
C 7	esig
C 8	esiʔ
C 9	i:kis
C10	esi
C11	esel
C12	keha:re
C13	kisa:re
C14	ehela
C15	esela
C16	esel
C17	kihare
C18	isel
C19	wis
C20	vis
C21	esel
C22	maʌi
C23	mai
C24	giri
C25	igis
C26	ma:l
C27	esi
C28	ahi
C29	æ:si

 PO: qone

sky 180

C 1	Kare	kumugumu
C 2	Girawa	
C 3	Munit	ãha
C 4	Bemal	mɛ:s
C 5	Sihan	ʌba
C 6	Gumalu	ʌtu
C 7	Isebe	hʌb
C 8	Amele	
C 9	Bau	
C10	Panim	hau
C11	Rapting	um
C12	Wamas	
C13	Samosa	tʌ:gu
C14	Murupi	logalog, sawa me:gu
C15	Saruga	ab mekmek
C16	Nake	ʌub ara:
C17	Mosimo	sabe kumum
C18	Garus	sɛp
C19	Yoidik	sap
C20	Rempi	sap
C21	Bagupi	
C22	Silopi	ebrom
C23	Utu	fulip
C24	Mawan	rom
C25	Balmak	ʌ:b
C26	Matepi	ɛv lom
C27	Gal	ʌb
C28	Garuh	
C29	Kamba	sʌb

PO: laŋi(t)
cloud 181

C 1	sʌ:mba, sugumbaba
C 2	omʌr
C 3	mɪn
C 4	amɛl
C 5	ʌba tina
C 6	hav iasiu, guguf
C 7	hʌb, gagʌtu
C 8	sa:w
C 9	hʌb, tain
C10	hau
C11	sap
C12	sabɛ meɣu, -- onʌmo
C13	save, tʌ:gu
C14	saba balu, -- tugatame
C15	save, -- tugata
C16	ʌ:b
C17	sabe, -- amu
C18	sɛp
C19	sap
C20	tim biuk, sap
C21	tok, wau
C22	i:hu, katutu
C23	ɛwam
C24	rom, umu
C25	ʌ:b
C26	fuř
C27	ʌb uhuř, -- gu
C28	hap, kabkab, pamu
C29	sʌb

fog 182

C 1	Kare	tongois ^Λ
C 2	Girawa	iyow
C 3	Munit	hundu
C 4	Bemal	pi
C 5	Sihan	hud
C 6	Gumalu	fut
C 7	Isebe	uwe
C 8	Amele	hut
C 9	Bau	fu:d
C10	Panim	fud
C11	Rapting	tag
C12	Wamas	t ^Λ :gu
C13	Samosa	t ^Λ :gu
C14	Murup1	t ^Λ :gu
C15	Saruga	to:gu
C16	Nake	to:g
C17	Mosimo	t ^Λ :gu
C18	Garus	tauk
C19	Yoidik	d ^Λ :g
C20	Rempi	budbud
C21	Bagup1	tok
C22	Silop1	furip
C23	Utu	fur
C24	Mawan	furu
C25	Baimak	fud
C26	Matep1	fuř
C27	Gal	fuř
C28	Garuh	budbud
C29	Kamba	lombi

 PO: kampu(t)
salt 183

C 1	si ^Λ wa
C 2	siu
C 3	u:r, basil
C 4	i:but
C 5	siu
C 6	hiu
C 7	hi
C 8	si:
C 9	hi
C10	maʔ ^Λ s
C11	sam
C12	s ^Λ :mu
C13	s ^Λ :mu
C14	s ^Λ :mu
C15	fu:
C16	su:
C17	s ^Λ :m
C18	sahuʔ, soum
C19	gagiʔ, so:m
C20	som
C21	u:
C22	u:
C23	u:
C24	u:
C25	u:
C26	u:
C27	u
C28	hiu
C29	i:b

 PO: tansi(k), ma-asi(n)

stone 184

C 1 Kare dΛ: giri

C 2 Girawa ayau?

C 3 Munit meni

C 4 Bemal Λi

C 5 Sihan me:n

C 6 Gumalu men

C 7 Isebe men

C 8 Amele men

C 9 Bau men

C10 Panim men

C11 Raptng i:

C12 Wamas ki

C13 Samosa ki

C14 Murupi i:

C15 Saruga i

C16 Nike ?i:, iaug

C17 Mosimo ki

C18 Garus i:

C19 Yoidik be

C20 Rempī bay

C21 Bagupi ?i:

C22 Silopi ?i

C23 Utu i:

C24 Mawan i:

C25 Baimak men

C26 Matepi i:

C27 Gal men

C28 Garuh min

C29 Kamba bar

PO: patu

star 185

C 1 bizi, aringi

C 2 ururim

C 3 hāi

C 4 uřeb

C 5 hΛi

C 6 p^hΛi

C 7 surupa

C 8 boi

C 9 marape, surufay

C10 malΛbi

C11 up

C12 bi:hi

C13 Λriwu

C14 bihi

C15 piruma, tohonin

C16 pi:rum, tohonin

C17 bi:hi

C18 up

C19 up

C20 pΛtui

C21 birum

C22 fai

C23 fasir

C24 fΛr

C25 fay

C26 fΛl

C27 fai

C28 hořbay

C29 sorwe

PO: pituqu

sun 186

C 1	Kare	anΛ:za
C 2	Girawa	pirarau
C 3	Munit	anΛɛ
C 4	Bemal	Λm
C 5	Sihan	Λ:ma, Λ:si?
C 6	Gumalu	as
C 7	Isebe	am
C 8	Amele	am
C 9	Bau	Λm
C10	Panim	am
C11	Rapting	vir
C12	Wamas	bihi
C13	Samosa	vesi
C14	Murupi	vis ^h i
C15	Saruga	usi
C16	Nake	u:s
C17	Mosimo	vi:hi
C18	Garus	kalam
C19	Yoidik	Λ:
C20	Rempi	?Λ:, ah
C21	Bagupi	u:s
C22	Silopi	u:n
C23	Utu	us
C24	Mawan	Λ:m
C25	Baimak	am
C26	Matepi	uh
C27	Gal	am
C28	Garuh	am
C29	Kamba	kem

 PO: qanso, si a(R)

village 188

C 1	sΛba
C 2	mɛna
C 3	ɛhɛl
C 4	uzan
C 5	masΛr
C 6	masΛr
C 7	masΛn
C 8	zopon
C 9	maso
C10	zopon
C11	sau, uř
C12	sau
C13	sΛ:u
C14	sΛwa, sauraga
C15	sawa
C16	Λup
C17	sao
C18	yaneil
C19	samΛg
C20	sΛ:va
C21	fob
C22	oup
C23	oup
C24	oup
C25	oup, Λ:p
C26	oup
C27	oup
C28	Λ:b
C29	kΛ:b

 PO: kor, (?) panua

woods 189

C 1	Kare	angiday
C 2	Girawa	uru
C 3	Munit	ũlũ, aroubik
C 4	Bemal	gai
C 5	Sihan	aran
C 6	Gumalu	pasib
C 7	Isebe	basu
C 8	Amele	pagib, olu?
C 9	Bau	pasib
C10	Panim	basu
C11	Rapting	vatu
C12	Wamas	kuru
C13	Samosa	boro
C14	Murupi	boro, fatua, aiwaga
C15	Saruga	oha:gu
C16	Nake	aharu
C17	Mosimo	bahibu
C18	Garus	dup
C19	Yoidik	dup
C20	Rempi	ʌ:tu, tubuk
C21	Bagupi	ʌtu, uhʌ:k
C22	Silopi	seig
C23	Utu	seik
C24	Mawan	tufa
C25	Baimak	tufa
C26	Matepi	charu, zeik
C27	Gal	doho
C28	Garuh	asu
C29	Kamba	atupa, dumba

 PO: quta(n)

wind 194

C 1	oroga
C 2	irir
C 3	ũhe
C 4	wol
C 5	uhe
C 6	ufei
C 7	was ri
C 8	papon
C 9	papan
C10	alʌg
C11	vetet
C12	warahi
C13	verige
C14	vilia
C15	urua
C16	vet
C17	wilehihi
C18	vet
C19	wet
C20	vet, dulaw
C21	oya
C22	oyo
C23	oza
C24	wete
C25	olo
C26	vet
C27	wet
C28	wus, kařak
C29	ulas

 PO: laŋi, manani

<i>water</i> 190		
C 1	Kare	ži:
C 2	Girawa	ʌ:n, ɔ:m
C 3	Munit	vā
C 4	Bemal	že
C 5	Sihan	vʌ
C 6	Gumalu	w :
C 7	Isebe	wagu
C 8	Amele	wʌ
C 9	Bau	wʌ
C10	Panim	wʌ
C11	Rapting	ze:
C12	Wamas	ži
C13	Samosa	zi:
C14	Murupi	ze
C15	Saruga	zi:
C16	Nake	di
C17	Mosimo	ji:
C18	Garus	že
C19	Yoidik	ilo:
C20	Rempi	že:, ne
C21	Bagupi	di
C22	Silopi	de
C23	Utu	ze
C24	Mawan	re
C25	Baimak	dɛ
C26	Matepi	lɛ
C27	Gal	lɛ
C28	Garuh	lɛ
C29	Kamba	lɛ

PO: wai(r),
ndanu(m) (*fresh water*)

<i>rain</i> 191		
C 1	ʌna	
C 2	om	
C 3	vā:ne	
C 4	že	
C 5	vaneə	
C 6	wʌ	
C 7	wa	
C 8	wʌ	
C 9	wʌ	
C10	wʌ	
C11	oi	
C12	vɔ	
C13	vane	
C14	au	
C15	vana	
C16	vʌ:	
C17	vɔ	
C18	au	
C19	wʌ	
C20	ʌvair	
C21	wa	
C22	va	
C23	va	
C24	gu	
C25	gu	
C26	wʌ	
C27	gu:	
C28	gu:	
C29	gu	

PO: qunsa(n), timu(R)

<i>*arrow</i> ¹¹ 196b			<i>*arrow</i> 196a		
C 1	Kare	uŋgiAra	C 1	ya:nu	
C 2	Girawa	aʔir	C 2	zet mu	
C 3	Munit	haŋga:r	C 3	kweli	
C 4	Bemal	hagal	C 4	dahap	
C 5	Sihan	ikir	C 5	sihor	
C 6	Gumalu	igir	C 6	sifor	
C 7	Isebe	igil	C 7	tunʌg	
C 8	Amele	kamat	C 8	suan	
C 9	Bau	ikil	C 9	sifol	
C10	Panim	gagʌd	C10	dunʌg	
C11	Rapting	dagʌy	C11	futu	
C12	Wamas	ʌ:gri	C12	fotu:	
C13	Samosa	agri	C13	fotue	
C14	Murupi	ʌgili	C14	fotua	
C15	Saruga	aguru	C15	pana	
C16	Nake	ya:ru	C16	po:n	
C17	Mosimo	a:gli	C17	fotu:	
C18	Garus	tagʌ	C18	hutu:	
C19	Yoidik	dag i	C19	futu:	
C20	Rempi	daga	C20	viř	
C21	Bagupi	ʌ:gur	C21	bon	
C22	Silopi	ʌgurʌg	C22	abo	
C23	Utu	agur	C23	kwʌrʔ, avo	
C24	Mawan	ʌ:guri	C24	awa	
C25	Baimak	igir	C25		
C26	Matepi	agur	C26	auř	
C27	Gal	hagur	C27	awa	
C28	Garuh	dagʌl	C28	usu	
C29	Kamba	dʌgʌl	C29	auk	

*arrow 196c			*arrow 196d		
C 1	Kare	Aribu	C 1	duru:gu	
C 2	Girawa	sigAb	C 2	moʔir	
C 3	Munit	guAr	C 3	mogir	
C 4	Bemal	ʒet	C 4	mogil	
C 5	Sihan	pA:r	C 5	makore, sihor	
C 6	Bumalu	pasin	C 6	makor	
C 7	Isebe	gaisibur	C 7	makor	
C 8	Amele		C 8	mokilʔa	
C 9	Bau	usip	C 9	makor	
C10	Panim	kasibul	C10	gamat	
C11	Gumalu	bizer	C11	dibol	
C12	Wamas	pAri sama	C12	diwole	
C13	Samosa	bame	C13		
C14	Murupi	bA:ma	C14	tibora	
C15	Saruga	ba:ma	C15	pana	
C16	Nake	zama, sigum	C16	gogAy	
C17	Mosimo	bali, bAmu	C17	tibole	
C18	Garus	guam, sama	C18	diwol	
C19	Yoidik	goAm	C19	dibol, ragat	
C20	Rempi	babaʔ	C20		
C21	Bagupi	sigum	C21	bon mogArmerup	
C22	Silopi	pAr masAn	C22	mogAr	
C23	Utu	par	C23	mogAr	
C24	Mawan	fahin	C24	kApok	
C25	Baimak	fasin	C25	awa makor	
C26	Matepi	sigum	C26	kuʔumuk	
C27	Gal	sigum	C27		
C28	Garuh	higum	C28		
C29	Kamba	sigum	C29	kargat	

**spear* 197a

C 1 Kare bɛ:na, sagɛya

C 2 Girawa maray

C 3 Munit hane

C 4 Bemal malay, hagɛl

C 5 Sihan han

C 6 Gumalu

C 7 Isebe tagɛu

C 8 Amele sawɛl

C 9 Bau fan

C10 Panim

C11 Raptng ban

C12 Wamas tawɛ:ni, waya

C13 Samosa

C14 Murupi wamaru, bisaga

C15 Saruga fana

C16 Nake fan

C17 Mosimo tabɛni

C18 Garus tawoin, tagɛ

C19 Yoidik dawa

C20 Rempɛ daga

C21 Bagupi fon, mɛ:n

C22 Silopɛ

C23 Utu fon

C24 Mawan fɛn

C25 Baimak tuti

C26 Matepɛ fon

C27 Gal aur, tutui

C28 Garuh ban, palpal

C29 Kamba fan, dagɛf

**spear (fish spear)* 197b

C 1 bɛ:na

C 2 maray

C 3 hane

C 4 malay

C 5 hɛ:n

C 6 fan

C 7 tagɛu

C 8 ɔaul, sawɛl

C 9 fan

C10 fan

C11 ban

C12 tawɛ:ni

C13 tavani

C14 wamaru

C15 fana

C16 fan

C17 tabɛni

C18 tawoin, tagɛ

C19 dawa

C20 ta:vam

C21 fon

C22 davoug

C23 fon

C24 fɛn

C25 fan

C26 fon

C27

C28 ban

C29 fan

**axe (stone)* 198a

C 1	Kare	tʌ:bə
C 2	Girawa	mʌ:n
C 3	Munit	musi mana, mɛu mana
C 4	Bemal	mʌn
C 5	Sihan	mana
C 6	Gumalu	manau
C 7	Isebe	manu
C 8	Amele	mana
C 9	Bau	safor
C10	Panim	mɛn manu
C11	Rapting	tau
C12	Wamas	matau
C13	Samosa	tau
C14	Murupi	taba, mataba
C15	Saruga	makarai
C16	Nake	mʌ:taw
C17	Mosimo	matau
C18	Garus	balot
C19	Yoidik	talal, t u
C20	Rempi	kaʔi
C21	Bagupi	?i tob
C22	Silopi	tou
C23	Utu	matou
C24	Mawan	matab
C25	Baimak	sadut
C26	Matepi	sapor tov
C27	Gal	tau
C28	Garuh	sao, mah huey
C29	Kamba	bʌ:ʔ tu

**axe (iron)* 198b

C 1	tʌ:bə
C 2	
C 3	sapor
C 4	sapor
C 5	safora
C 6	sapor
C 7	manu
C 8	sapol
C 9	sapol
C10	manu
C11	kalki
C12	kariki
C13	
C14	karkis
C15	tawa
C16	ta:b, kalaki
C17	kalgi
C18	taleil
C19	kalkis
C20	kalkis
C21	tob
C22	sapor
C23	sapor, tou
C24	sapor
C25	sapol
C26	sapor
C27	sapor
C28	kalkih
C29	palangis

 PO: kiRam

**bow* 199

C 1	Kare	ε:raw
C 2	Girawa	p ^h uri
C 3	Munit	para ^ʔ u
C 4	Bemal	kem
C 5	Sihan	pari
C 6	Gumalu	bali
C 7	Isebe	bari
C 8	Amele	pali
C 9	Bau	pari
C10	Panim	bali
C11	Rapting	zit
C12	Wamas	ʃehine
C13	Samosa	zesine
C14	Murupi	zehina
C15	Saruga	zeina
C16	Nake	ʒAt
C17	Mosimo	yihini
C18	Garus	ʒit
C19	Yoidik	ʒit
C20	Rempi	zait
C21	Bagupi	ʒAt
C22	Silopi	dein
C23	Utu	ʒe:in
C24	Mawan	re:ina
C25	Baimak	rein
C26	Matepi	lein
C27	Gal	lein
C28	Garuh	las
C29	Kamba	lesen

**rope (of bow)* 200

C 1	iera
C 2	orem
C 3	ela ^ʔ
C 4	ɔl
C 5	ɔrΛ
C 6	ɔr
C 7	ɔ:l
C 8	o:l
C 9	ɔl
C10	ol
C11	ɔl
C12	kɔ:re
C13	koru
C14	ɔlu
C15	oru
C16	ɔ:r
C17	kol
C18	ɔ:l
C19	ɔl
C20	ʔɔl
C21	ɔ:r
C22	ɔr
C23	o:r
C24	or
C25	ol
C26	ɔř
C27	ɔř
C28	hɛu
C29	kɔ:r

**comb* 203

C 1	Kare	tangΛ:rina
C 2	Girawa	sarΛt
C 3	Munit	tambΛ:r
C 4	Bemal	salat
C 5	Sihan	sakahu
C 6	Gumalu	agΛr
C 7	Isebe	sagΛf
C 8	Amele	sagaʔ, tup
C 9	Bau	sakΛf
C10	Panim	sagΛf
C11	Rapting	ala
C12	Wamas	karahai
C13	Samosa	korosay
C14	Murupi	hagΛlina
C15	Saruga	agarina
C16	Nake	agarin
C17	Mosimo	kalahay
C18	Garus	alΛh
C19	Yoidik	aras
C20	Rempi	Λras
C21	Bagupi	agarin
C22	Silopi	Λgin
C23	Utu	a:gin
C24	Mawan	agΛra
C25	Baimak	agΛr
C26	Matepi	agΛʔa
C27	Gal	agar
C28	Garuh	di:n
C29	Kamba	din

 PO: (?) sa(dr)u
**grass skirt* 204

C 1	gegura
C 2	nə:p
C 3	nabiʔ
C 4	ne:b
C 5	hΛk
C 6	hΛ:k
C 7	hag
C 8	sa:k
C 9	hΛ:k
C10	hΛg
C11	gawar
C12	gegure
C13	gegurε
C14	gogura
C15	gogura
C16	gugur
C17	gugule, gavΛie
C18	babut
C19	gabΛʔ
C20	pΛbuk
C21	goguʔ
C22	kogur
C23	na:p
C24	nΛ:p
C25	siram
C26	moud, gogur
C27	siram
C28	halap
C29	εram

 PO: (?) tipi

**G-string* 205

C 1	Kare	bomora
C 2	Girawa	pə:m
C 3	Munit	kurig
C 4	Bemal	ba:m
C 5	Sihan	pʌ:m
C 6	Gumalu	pʌm
C 7	Isebe	bam
C 8	Amele	bam
C 9	Bau	pʌm
C10	Panim	bʌm
C11	Rapting	baim
C12	Wamas	bʌ:m
C13	Samosa	bʌ:mi
C14	Murupi	mʌi
C15	Saruga	ba:me
C16	Nake	ba:m
C17	Mosimo	bʌ:m
C18	Garus	baim
C19	Yoidik	bem
C20	Rempi	bʌim
C21	Bagupi	bʌ:m
C22	Silopi	pʌ:m
C23	Utu	ba:m
C24	Mawan	bam
C25	Baimak	bam
C26	Matepi	b m
C27	Gal	bam
C28	Garuh	baim
C29	Kamba	bam

FO: malo (man's apron)

**loincloth*¹² 213

C 1	kiburandʌ:ru
C 2	pə:m
C 3	doton
C 4	doton
C 5	doton
C 6	loto
C 7	yoto
C 8	loto?
C 9	loto
C10	zamel
C11	zamel
C12	tibur gara
C13	tivur garana
C14	tibuʔ garawu
C15	tiwur gara
C16	tibur gare, namel
C17	tibur gara
C18	zamel
C19	yamel
C20	tibut gaʔa
C21	tiwur garen
C22	tibur kara
C23	tiwur gara
C24	ro:to
C25	loto
C26	
C27	lamen
C28	sibut garau
C29	lamel

*basket 214

C 1 Kare

C 2 Girawa

C 3 Munit gama

C 4 Bernal

C 5 Sihan kΛ:m

C 6 Gumalu gΛm

C 7 Isebe gam

C 8 Amele kalel

C 9 Bau gam

C10 Panim gΛm

C11 Rapping gam

C12 Wamas zareg

C13 Samosa

C14 Murupi gΛ:m

C15 Saruga teliga

C16 Nake gΛ:m, kalo:g

C17 Mosimo gΛm

C18 Garus gΛm

C19 Yoidik gΛ:m

C20 Remp1 kaldo

C21 Bagupi gΛ:m

C22 Silopi kaleg

C23 Utu

C24 Mawan gΛm

C25 Baimak kΛm

C26 Matepi kaleg

C27 Gal kaleg

C28 Garuh

C29 Kamba kaileg

PO: kato, kete

**hand drum 206*

C 1	Kare	kaʌsua
C 2	Girawa	mbʌʔ
C 3	Munit	baŋgu
C 4	Bemal	wa:g
C 5	Sihan	aiva
C 6	Gumalu	ahib
C 7	Isebe	aheu
C 8	Amele	asu
C 9	Bau	ahiu
C10	Panim	ahiv

C11	Rapting	asu
C12	Wamas	kahu:
C13	Samosa	kause
C14	Murupi	ahua
C15	Saruga	aua
C16	Nake	aua
C17	Mosimo	kahu
C18	Garus	asu
C19	Yoidik	asu
C20	Rempi	ʌsu
C21	Bagupi	ou
C22	Silopi	eu
C23	Utu	eu
C24	Mawan	ʔaiwa
C25	Baimak	a:iv
C26	Matepi	ʔou
C27	Gal	aip
C28	Garuh	ahiu
C29	Kamba	kaʌsi

**signal drum 207*

C 1	diʌmba
C 2	ʔanam
C 3	gaʌli
C 4	air
C 5	me:b
C 6	mep
C 7	giram
C 8	gilam
C 9	meb, giram
C10	silam

C11	gilam
C12	zezeri
C13	dom
C14	gilʌ:m
C15	gilama
C16	so
C17	yeli
C18	gilam
C19	epmu
C20	gi:lam
C21	gilam
C22	giram
C23	girom
C24	dugum
C25	mep
C26	gilom
C27	duh
C28	do
C29	giram

**wooden plate* 209

C 1	Kare	soika
C 2	Girawa	maro
C 3	Munit	he:i
C 4	Bemal	tɛbil
C 5	Sihan	hɛ:
C 6	Gumalu	fɛni
C 7	Isebe	wɛs
C 8	Amele	po
C 9	Bau	vɛs
C10	Panim	bəs
C11	Rapting	tawil
C12	Wamas	tʌ:bile
C13	Samosa	fai, tavireu
C14	Murupi	tʌbir
C15	Saruga	tawira
C16	Nake	tʌvil
C17	Mosimo	tʌ:bele
C18	Garus	gʌ:p, tavil
C19	Yoidik	dabir
C20	Rempi	tʌ:wur
C21	Bagupi	tabil
C22	Silopi	tabir
C23	Utu	tavir
C24	Mawan	tʌbir
C25	Baimak	fa:s
C26	Matepi	tavil
C27	Gal	tawir
C28	Garuh	sabiř
C29	Kamba	tʌvir

 PO: kumete
**saucepan (clay pot)* 210

C 1	yʌgʌ:sa
C 2	mis
C 3	mihã
C 4	mis
C 5	mi:s
C 6	awʌl
C 7	fa:r
C 8	hal
C 9	awʌl, fal
C10	fal
C11	wa?
C12	wʌ:
C13	vage
C14	vʌ
C15	awɔra
C16	wʌ
C17	vahili
C18	vʌ?
C19	wʌ?, ugum
C20	valim
C21	awɔr
C22	avɔr
C23	abɔr
C24	awʌr
C25	waʌl
C26	avor
C27	hina
C28	wʌ henay
C29	sine wa

 PO: kudon

**knife* 208

C 1	Kare	inΛsa
C 2	Girawa	siləp
C 3	Munit	basin
C 4	Bemal	ʒiΛg
C 5	Sihan	pasin
C 6	Gumalu	pasin
C 7	Isebe	basin
C 8	Amele	sigin, sinike
C 9	Bau	pasin
C10	Panim	basin

C11	Rapting	kana
C12	Wamas	kana
C13	Samosa	kana
C14	Murupi	kana, bΛ:b
C15	Saruga	bawa
C16	Nake	isina
C17	Mosimo	kana
C18	Garus	inΛ:
C19	Yoidik	ina?
C20	Remp1	inΛ?
C21	Bagupi	isina
C22	Silopi	ina
C23	Utu	ina, wambon
C24	Mawan	ina
C25	Baimak	fasin
C26	Matepi	ina
C27	Gal	pasin, yap
C28	Garuh	bi:p
C29	Kamba	barin

PO: sele

**netbag* 212

C 1	yu:
C 2	zo:
C 3	tse:lɛ
C 4	sɔ
C 5	dɔ:r
C 6	lɔli
C 7	yol
C 8	yol
C 9	ro:r
C10	zol

C11	zau
C12	ʒɔ
C13	zo
C14	zo
C15	zo
C16	yo
C17	jo
C18	ʒΛ:
C19	yau
C20	zaw
C21	yo
C22	do
C23	zo
C24	lo
C25	lo
C26	lo
C27	lo
C28	lo
C29	lo

one 215

C 1	Kare	sumbra ^m ba
C 2	Girawa	ʔar ^Λ (r)
C 3	Munit	tɛtaʔ ^Λ t
C 4	Bemal	tud ^Λ k
C 5	Sihan	oraʔit
C 6	Gumalu	olaʔie
C 7	Isebe	orofan
C 8	Amele	osol, leis
C 9	Bau	osah
C10	Panim	holofar
C11	Rapting	yeuta
C12	Wamas	nonogota
C13	Samosa	no:tate
C14	Murupi	nunugata
C15	Saruga	nunugata
C16	Nake	y ^Λ hu
C17	Mosimo	nonota ^Λ
C18	Garus	imte
C19	Yoidik	yaʔta
C20	Rempi	at ^Λ l
C21	Bagupi	nunuga
C22	Silopi	ozegen
C23	Utu	oisak
C24	Mawan	oripig ^Λ :g
C25	Baimak	oiraf
C26	Matepi	olog
C27	Gal	oti
C28	Garuh	labu
C29	Kamba	usif

 PO: ta, ta(n)sa

two 216

C 1	iridigi
C 2	oiror
C 3	eta
C 4	^Λ :ri ^Λ ʔ
C 5	erit
C 6	erit
C 7	eris
C 8	leis
C 9	eris
C10	elis
C11	aliʔiiʔ
C12	^Λ rita ^Λ
C13	arigita(tɛ)
C14	^Λ liɛta
C15	areta
C16	^Λ riay
C17	alita
C18	ailte
C19	yel, ail
C20	air
C21	bar ^Λ tek
C22	beretek
C23	bʔetek
C24	kwar ^Λ :ra
C25	a:rit
C26	wɛr ^Λ ʔ
C27	arit
C28	aʔis
C29	^Λ rit

 PO: dua

bad 221

C 1	Kare	naugu
C 2	Girawa	aru
C 3	Munit	aru
C 4	Bemal	ε:gu
C 5	Sihan	Λ:ru
C 6	Gumalu	Λ:lu
C 7	Isebe	mu?pe
C 8	Amele	me?pe?
C 9	Bau	mu?pe
C10	Panim	mube
C11	Rapting	na?
C12	Wamas	nΛ:
C13	Samosa	na:
C14	Murupi	nau
C15	Saruga	na:u
C16	Nake	nau
C17	Mosimo	nΛ:
C18	Garus	nou
C19	Yoidik	na?
C20	Rempi	na?
C21	Bagopi	o:li
C22	Silopi	nΛ
C23	Utu	na:
C24	Mawan	nau
C25	Baimak	nau, nub
C26	Matepi	nau
C27	Gal	nΛu
C28	Garuh	nou
C29	Kamba	nau

 PO: (n)saqat
good 220

C 1	kesa
C 2	omzu
C 3	meu
C 4	naliu
C 5	me:ba?in
C 6	meu, ebor
C 7	mu
C 8	me, haun
C 9	mu?pahin
C10	mu
C11	iwu, zu:r
C12	teiwotΛ, kia:gi
C13	teiva
C14	ibua, wΛ:lu
C15	ze:nu, waru
C16	inau, wΛ:ru
C17	teiwota
C18	dolpi
C19	næ:li?, næi
C20	nail?, lugu?pi
C21	ilu, waru
C22	porup
C23	borup
C24	nua:, wΛ:ru
C25	ebor, nu, ioyma
C26	nu
C27	nuŋ, fau
C28	inau
C29	kεna

 PO: pia

big 224

C 1	Kare	mi:gi
C 2	Girawa	meweo
C 3	Munit	belep
C 4	Bemal	bano
C 5	Sihan	be:non
C 6	Gumalu	penota
C 7	Isebe	be:n
C 8	Amele	pe:n
C 9	Bau	be:n
C10	Panim	ben
C11	Rapting	wogay
C12	Wamas	me
C13	Samosa	me
C14	Murupi	eme
C15	Saruga	eme
C16	Nake	eme
C17	Mosimo	metakai
C18	Garus	busa?
C19	Yoidik	busa?
C20	Rempi	ayauk
C21	Bagupi	eme
C22	Silopi	ma:na
C23	Utu	mena
C24	Mawan	me
C25	Balmak	me:u
C26	Matepi	me
C27	Gal	in^n
C28	Garuh	na:fiv
C29	Kamba	n^ri

small 225

C 1	naganda
C 2	eteina?
C 3	isika
C 4	gin^bet
C 5	na?ak
C 6	na?^k
C 7	na?^g
C 8	n^:k
C 9	na?^k
C10	na?^g
C11	na:gale
C12	n^heta
C13	na?gu
C14	n^:gu, nubata
C15	uhu
C16	uhu^:g
C17	^tata
C18	n^lkala
C19	n^:la
C20	^augele, katete
C21	uhn^g
C22	n^:nag
C23	nan^k
C24	n^:gri
C25	na:g
C26	n^g, nagarup
C27	n^na
C28	nakok, nauk
C29	nakok

 PO: (?) lapa

dirty 222

C 1	Kare	dungʌzizi
C 2	Girawa	uʔun
C 3	Munit	ʌrumeʔ
C 4	Bemal	
C 5	Sihan	gegehin
C 6	Gumalu	tutufu
C 7	Isebe	gegehini
C 8	Amele	kekehin
C 9	Bau	kekehin
C10	Panim	gegehin
C11	Rapting	lug
C12	Wamas	duge horɔr
C13	Samosa	duruga:va
C14	Murupi	duga(ta)
C15	Saruga	duga
C16	Nake	duburiʔ
C17	Mosimo	du:ge
C18	Garus	luglu:ga
C19	Yoidik	lugluguʔpa
C20	Rempi	luguʔi
C21	Bagupi	dug
C22	Silipi	ɛwu
C23	Utu	dusin
C24	Mawan	duhuhu
C25	Baimak	tutufu
C26	Matepi	duha
C27	Gal	dursi
C28	Garuh	dubdi:t
C29	Kamba	dufrifi

black 226

C 1	sugumbʌba
C 2	ʔurum
C 3	ungguriʔ, undu
C 4	mutuanau
C 5	ukuri
C 6	guguʔ
C 7	gagatuni
C 8	as, utuw
C 9	olisʔai, utu
C10	gagʌtu
C11	pamuʔ
C12	pʌmu
C13	done
C14	pamu, dugata
C15	du:gata
C16	pʌ:mu
C17	pʌ:mu
C18	fæsiʔ
C19	fæsiʔ
C20	taroaʔ
C21	pamu
C22	kʌ:tutu
C23	maup
C24	gugur
C25	guguʔ
C26	katutu, gugure
C27	katut
C28	pamu
C29	geremu

 PO: (?) loalɔa

red 227

C 1	Kare	urauroga
C 2	Girawa	osou
C 3	Munit	eda
C 4	Bemal	εpe?uwa
C 5	Sihan	ε:da?
C 6	Gumalu	logau
C 7	Isebe	yogani
C 8	Amele	kol?a
C 9	Bau	rok?ai
C10	Panim	zoga?ai
C11	Rapting	kokola
C12	Wamas	tita
C13	Samosa	titag
C14	Murupi	tita
C15	Saruga	ti:ta
C16	Nake	ti:gay
C17	Mosimo	tiholo
C18	Garus	arouk
C19	Yoidik	kaka?
C20	Rempi	kukola
C21	Bagupi	titek
C22	Silopi	ti:tek
C23	Utu	εpɛr
C24	Mawan	ara
C25	Baimak	momokau
C26	Matepi	ti:nteg
C27	Gal	tihene
C28	Garuh	kokol
C29	Kamba	karag

 PO: meRa
white 228

C 1	uyasi
C 2	ausiu
C 3	aup, pahahika
C 4	ausia
C 5	seneneka
C 6	yasiu
C 7	aub
C 8	senene
C 9	senene, yalsi
C10	oup
C11	izegi
C12	kiɛ:gi
C13	gea:gi
C14	wɛ:lu
C15	wa:ru
C16	vɛ:ru
C17	kiɛgi
C18	yaka?
C19	sasara
C20	sɛrsɛrɛ
C21	wɛlu
C22	iɛ:g
C23	iɛ:g
C24	ya:k, to:gop
C25	pi:u
C26	γɛ:g, avahau
C27	γɛg
C28	kapkap
C29	sagɛf

 PO: pula(n), (?) puti

yellow 299

C 1	Kare	kasana
C 2	Girawa	žanou
C 3	Munit	dane
C 4	Bemal	baida
C 5	Sihan	dΛ:n
C 6	Gumalu	lanai
C 7	Isebe	žΛ:ni
C 8	Amele	za:n?a
C 9	Bau	lan?a
C10	Panim	yan
C11	Rapting	malili, marmaru
C12	Wamas	sohobere
C13	Samosa	kumugum
C14	Murupi	ahanata
C15	Saruga	ahana bepa
C16	Nake	yan
C17	Mosimo	gahene
C18	Garus	malila
C19	Yoidik	malia?
C20	Rempi	yaŋa
C21	Bagupi	esenag
C22	Silopi	asinag
C23	Utu	asinag
C24	Mawan	ahinaga
C25	Baimak	danou
C26	Matepi	asinag
C27	Gal	la:nene
C28	Garuh	lain
C29	Kamba	lanlan

 PO: (y)ano(y)ano
green 230

C 1	kisuwongasinggi
C 2	ablu
C 3	araga
C 4	u?bia
C 5	
C 6	bi:b
C 7	kakatuni
C 8	etehmahanate
C 9	at?iba
C10	as?ia
C11	laweru
C12	
C13	
C14	aulesa
C15	ara vaha
C16	laveh
C17	bobre
C18	lavera
C19	rawedi
C20	
C21	waru
C22	
C23	ezok
C24	aripe
C25	
C26	arip
C27	a:rip
C28	aduf
C29	lanfau

 PO: (mata)kadawa

full 234

C 1	Kare	omongasima
C 2	Girawa	ouʔpe-
C 3	Munit	ε:se
C 4	Bemal	kam-
C 5	Sihan	ʔoʔaran, ʔosuan
C 6	Gumalu	ambeha
C 7	Isebe	arepi-
C 8	Amele	alibe-, ampe
C 9	Bau	arepe-
C10	Panim	alebea
C11	Rapting	amba-
C12	Wamas	ʌ:mug how
C13	Samosa	amug eso, kakiga
C14	Murupi	ekakia-
C15	Saruga	kaki ʌ(n)-
C16	Nake	aupse-
C17	Mosimo	amug uhu-
C18	Garus	ohobe
C19	Yoidik	agab
C20	Rempi	amben
C21	Bagupi	aupse-
C22	Silopi	ʌ:msom
C23	Utu	ambzo-
C24	Mawan	ambe-
C25	Baimak	ambe-
C26	Matepi	am so-
C27	Gal	ʌmbe-
C28	Garuh	ambium
C29	Kamba	ambe

 PO: ponu(q)
empty 235

C 1	thamʌnden- (v)
C 2	usʌʔ
C 3	
C 4	sʌ:g
C 5	be:ʔye
C 6	gaublira
C 7	nibe
C 8	danʌʔ
C 9	kaulpil-
C10	utʌm
C11	seidar
C12	saita
C13	saida
C14	hai dʌram
C15	sai da-
C16	agaru, ira
C17	haida
C18	seiʔ
C19	tamdaem
C20	suman
C21	agulu
C22	tonogom
C23	tonogu-
C24	gaur-
C25	nubiti
C26	bitug
C27	tanʌg
C28	hamudidio
C29	tʌgu

hot 236

C 1	Kare	kiki(a)- (v)
C 2	Girawa	sopo
C 3	Munit	dani
C 4	Bemal	sabeu
C 5	Sihan	dain
C 6	Gumalu	dulin
C 7	Isebe	daini
C 8	Amele	tain?
C 9	Bau	tain?a
C10	Panim	dainai
C11	Rapting	garare?pa, zale?pa
C12	Wamas	arata
C13	Samosa	arafo
C14	Murupi	ara:ta
C15	Saruga	upata
C16	Nake	gagurup
C17	Mosimo	alafu
C18	Garus	ala?
C19	Yoidik	dabak
C20	Rempi	dawuk
C21	Bagupi	imag tek
C22	Silopi	imΛ:g, kwakwa?a
C23	Utu	imΛ:g
C24	Mawan	aimΛ:g
C25	Baimak	durinou
C26	Matepi	im :g
C27	Gal	ariri-
C28	Garuh	gagařaw
C29	Kamba	gagere

PO: (?) kasa, mapana

cold 237

C 1	engamongu- (v)
C 2	namau
C 3	utig, nu- (v)
C 4	ubug
C 5	mahoan
C 6	aipe
C 7	?aseu
C 8	asoi-, tuwan
C 9	aipe
C10	duanti
C11	susu?
C12	suhu, pau
C13	sosopo
C14	susu, dahugu
C15	ouma-
C16	daru
C17	suwo
C18	viti:k
C19	ute:k
C20	witaok
C21	daruh
C22	uhagum
C23	ufag
C24	orep
C25	aipete
C26	ohug
C27	oug me-
C28	dada waw
C29	aug

*sharp*¹³ 248

C 1	Kare	ugʌbu
C 2	Girawa	auʔ
C 3	Munit	aigu
C 4	Bemal	ʌig
C 5	Sihan	ʌiʔweʔ
C 6	Gumalu	aʔi
C 7	Isebe	aig ni
C 8	Amele	aikʔa
C 9	Bau	aʔiʔa
C10	Panim	aigʔai
C11	Rapting	aʔag(ba)
C12	Wamas	ʌ:guta:
C13	Samosa	a:gota
C14	Murupi	aʔʌguta
C15	Saruga	auguta-
C16	Nake	augay
C17	Mosimo	a:guta
C18	Garus	tiik
C19	Yoidik	ʌ:g pa
C20	Rempi	aʔau
C21	Bagupi	augu
C22	Silopi	ʌuk tek
C23	Utu	aug
C24	Mawan	aug
C25	Baimak	a:g unou
C26	Matepi	auteg
C27	Gal	aug ene
C28	Garuh	ayug
C29	Kamba	ole

heavy 238

C 1	kuwuga
C 2	uhu
C 3	uʔʌru
C 4	uhu
C 5	urumɛn
C 6	urumɛn
C 7	urumɛ:ni
C 8	ulumɛ:n
C 9	ulumɛ:n
C10	ulumɛ:n
C11	uhuʔ
C12	ku:a
C13	kuga
C14	ʔua
C15	uvoumo
C16	ʔu:g
C17	kuomu
C18	uhuʔ
C19	uhuʔ
C20	uhuʔ
C21	ubau
C22	unʌ:
C23	una
C24	u:
C25	u:nou
C26	uwahau
C27	uguh
C28	wug
C29	kug

 PO: (ma)mapa, (?) (m)pita

<i>long</i> 240			<i>short</i> 241		
C 1	Kare	duwungu	C 1	utupa	
C 2	Girawa	besel	C 2	oto?	
C 3	Munit	biA:tbi	C 3	kotin, enig	
C 4	Bemal	huyaw	C 4	hogu	
C 5	Sihan	e?era	C 5	kotin	
C 6	Gumalu	elAk	C 6	koflu	
C 7	Isebe	e?eru	C 7	bafu	
C 8	Amele	ela?	C 8	kohi?	
C 9	Bau	?e?era	C 9	kofi, tutu	
C10	Panim	e?elu	C10	gohi	
C11	Rapting	vail	C11	tutu	
C12	Wamas	wouta	C12	tu:	
C13	Samosa	vougu	C13	atuku	
C14	Murupi	wau	C14	utu	
C15	Saruga	tari:hu	C15	utu	
C16	Nake	tarih	C16	tutu	
C17	Mosimo	wau	C17	tu	
C18	Garus	voi?	C18	tu:	
C19	Yoidik	kabal	C19	duini?	
C20	Rempi	wei? nana	C20	tutu	
C21	Bagupi	gurup(me)	C21	tutu	
C22	Silopi	durug	C22	tutapA:g	
C23	Utu	duru:g	C23	omAtu	
C24	Mawan	duru:g	C24	tu:	
C25	Baimak	wara	C25	kofi, pahu	
C26	Matepi	durug	C26	tutu	
C27	Gal	durug	C27	tutu	
C28	Garuh	ila:p	C28	susu, suba:p	
C29	Kamba	welAf	C29	kutuf	

PO: lawas, mapalap(au)

many 242

C 1	Kare	ipəngu
C 2	Girawa	sosop
C 3	Munit	ʌru
C 4	Bemal	asiuw
C 5	Sihan	ʌroʔp ʔin
C 6	Gumalu	kenebe
C 7	Isebe	kurum
C 8	Amele	mʌti
C 9	Bau	matiʔa
C10	Panim	kulum
C11	Rapting	agen
C12	Wamas	kageni, wagide
C13	Samosa	kageni
C14	Murupi	agen
C15	Saruga	ageni
C16	Nake	agen
C17	Mosimo	kagen
C18	Garus	aubusaʔ
C19	Yoidik	naʔpa
C20	Rempi	elaʔ
C21	Bagupi	agen
C22	Silopi	amona
C23	Utu	kwait
C24	Mawan	kwait
C25	Balmak	kene:bi
C26	Matepi	pait
C27	Gal	kurum
C28	Garuh	kurum
C29	Kamba	kurum

few 243

C 1	angʌndi
C 2	ʔarauʔ
C 3	to:t
C 4	ipal
C 5	tunuʔ
C 6	oteʔʌt
C 7	ganifʌdi
C 8	leis
C 9	kanif
C10	ganif
C11	fuga
C12	fogʌ
C13	asaka
C14	pahʌ
C15	egore
C16	vate
C17	foga
C18	huga:
C19	fo:g
C20	həguʔ
C21	wate
C22	ego:
C23	osagosag
C24	oilole
C25	oiroil
C26	
C27	lau
C28	laulau
C29	laus

new 244

C 1	Kare	gasigi
C 2	Girawa	awΛu
C 3	Munit	εra?
C 4	Bemal	awaw
C 5	Sihan	εrΛ?
C 6	Gumalu	εrau
C 7	Isebe	faun
C 8	Amele	haun
C 9	Bau	bilde
C10	Panim	faun, eyeba
C11	Rapting	zu:ro
C12	Wamas	vouva, kauta
C13	Samosa	vuga, kaugu
C14	Murupi	ofua
C15	Saruga	azεgu, zoi
C16	Nake	yara, auwe
C17	Mosimo	kauta
C18	Garus	aze?
C19	Yoidik	awe?
C20	Rempi	awe?
C21	Bagupi	γΛra
C22	Silopi	zɔr, εroug
C23	Utu	εzog
C24	Mawan	yar, roug
C25	Baimak	yolmay
C26	Matepi	yor
C27	Gal	fau
C28	Garuh	bou
C29	Kamba	faug

PO: paqoRu

old (of objects) 245

C 1	dεweku
C 2	matεn
C 3	beleun
C 4	muæ
C 5	si:ru
C 6	si:r
C 7	welude
C 8	hila
C 9	wεrote
C10	welude
C11	matua
C12	gedeme
C13	gerεme
C14	girama
C15	dε:hu
C16	ayΛg, faumeu
C17	deu
C18	hare
C19	wagame, ahade?
C20	wogame, bele?
C21	amahoro, εyΛk
C22	teun
C23	εgermΛla
C24	deu, matuma
C25	sir
C26	lΛg, varuma
C27	alΛg
C28	alauk
C29	alΛg

straight 250

C 1	Kare	tubukia:ka
C 2	Girawa	tuʔu
C 3	Munit	tugu
C 4	Bemal	tu:gi anaw
C 5	Sihan	tutu
C 6	Gumalu	tutu
C 7	Isebe	tʰutʰuadi
C 8	Amele	tutuʔ
C 9	Bau	tutuh
C10	Panim	tutuadi
C11	Rapting	turuk
C12	Wamas	mua
C13	Samosa	varo
C14	Murupi	ibua
C15	Saruga	iva
C16	Nake	turugu
C17	Mosimo	tumtumu
C18	Garus	dolpi
C19	Yoidik	səkʌʔ
C20	Rempi	tidog
C21	Bagupi	atebahe, orovak
C22	Silopi	pi eyom
C23	Utu	feferal
C24	Mawan	koror
C25	Baimak	koror
C26	Matepi	koror
C27	Gal	koror
C28	Garuh	sutgu
C29	Kamba	mangu

 PO: ntonu, dusu(k)
crooked 251

C 1	paroreba
C 2	əpəin-
C 3	əba-
C 4	iluanaw
C 5	okokeka
C 6	epiəu
C 7	ogogeou
C 8	okoke
C 9	okoke
C10	ogogeou
C11	kameli
C12	paivata
C13	na:mo
C14	paiwata, epalagata
C15	epilagupata
C16	epəp ai
C17	karota
C18	gagəh
C19	kameri
C20	kameri
C21	epəp tek
C22	eyom
C23	epinup
C24	ewayep
C25	epiəp, oforeə
C26	epip
C27	epiəp
C28	
C29	meriak

 PO: piko

wet¹⁴ 252

C 1	Kare	Ži wuma
C 2	Girawa	
C 3	Munit	baguΛru
C 4	Bemal	enew
C 5	Sihan	wa:mean
C 6	Gumalu	dehuno
C 7	Isebe	bahu
C 8	Amele	wa?a
C 9	Bau	le hu?ai
C10	Panim	se?eleu
C11	Rapting	ze:ba
C12	Wanas	Ži tau
C13	Samosa	Ži zaguru
C14	Murupi	ze tameu
C15	Saruga	botokia(n)-
C16	Nake	fau
C17	Mosimo	Že ta
C18	Garus	luglug
C19	Yoidik	Že:pa
C20	Rempi	bure?, sasaŋa
C21	Bagupi	fauro-, faume-
C22	Silopi	de:ntek
C23	Utu	ze:n
C24	Mawan	leha
C25	Baimak	deu
C26	Matepi	leh
C27	Gal	leh itu
C28	Garuh	kabkab
C29	Kamba	baurAk

PO: (?) mada, suRu(q)

dry 253

C 1	gararΛma, aprakiama
C 2	ai-
C 3	guanΛr-
C 4	sagaw
C 5	kororean
C 6	gorote
C 7	me?eg mi-
C 8	Λmiye-, sahawe-
C 9	sahawa
C10	kakΛneu
C11	sΛ:ke
C12	moΛmau
C13	mau, giagifu
C14	mau, zagΛ
C15	mau-
C16	isiho-
C17	sa:gu
C18	zΛ:ge
C19	ŽesΛ:ga
C20	mΛ? sagem
C21	isihe-
C22	arara aum
C23	arara(wa)
C24	mau (kweia)
C25	maupm -
C26	moub
C27	me:g
C28	hadaiřum
C29	meir-

PO: ma(n)sa (of liquid)

ripe 246

C 1	Kare	abA:ra
C 2	Girawa	hore
C 3	Munit	bi:ba
C 4	Bemal	epew
C 5	Sihan	bi:wa
C 6	Gumalu	me?ek
C 7	Isebe	bu
C 8	Amele	pi:b
C 9	Bau	piu
C10	Panim	bu:
C11	Rapting	bela
C12	Wamas	bele
C13	Samosa	beru
C14	Murupi	bela
C15	Saruga	ba:ru
C16	Nake	waru
C17	Mosimo	bele
C18	Garus	bela?
C19	Yoidik	tagu?
C20	Rempi	dou?
C21	Bagupi	walu
C22	Silopi	epar
C23	Utu	epar
C24	Mawan	orep
C25	Baimak	piu
C26	Matepi	lepar
C27	Gal	biu
C28	Garuh	dau
C29	Kamba	lepme-

 PO: (?) mada
hungry 260

C 1	kinanga mai0
C 2	sou be-
C 3	biqkw-
C 4	we?u-
C 5	wena be-
C 6	wen be-
C 7	wen-
C 8	wen-
C 9	wen-
C10	wen-
C11	enug mav-
C12	kengua mau-
C13	kenu mau-
C14	inugu mau-
C15	enu mau-
C16	inum u-
C17	kenuga mau-
C18	onuk mayo-
C19	tenak mou-
C20	enug nul-
C21	enu mau-
C22	enu-
C23	enug po-
C24	enu nu-
C25	enug ru-
C26	enug po-
C27	enug pe-
C28	wol ihir-
C29	keri pe-

 PO: pitolo

*this*¹⁵ 261

C 1	Kare	usu
C 2	Girawa	eʔi, ʔos
C 3	Munit	ene
C 4	Bemal	eʔa, eʔam
C 5	Sihan	ene
C 6	Gumalu	heʔa
C 7	Isebe	he
C 8	Amele	ihen
C 9	Bau	heba
C10	Panim	he
C11	Rapting	ereʔ
C12	Wamas	e, bi:ta
C13	Samosa	ha
C14	Murupi	ta
C15	Saruga	e
C16	Nake	hera
C17	Mosimo	ame
C18	Garus	nina
C19	Yoidik	yen
C20	Rempi	en, o
C21	Bagupi	ene
C22	Silopi	netu
C23	Utu	ne
C24	Mawan	enene
C25	Baimak	she
C26	Matepi	ai
C27	Gal	be
C28	Garuh	imu
C29	Kamba	ene

 PO: (ae)ni
that 262

C 1	yaisa
C 2	enes
C 3	kein, Atik
C 4	
C 5	onu
C 6	
C 7	aho
C 8	ohuen
C 9	ho
C10	ho
C11	aire
C12	ba:ta
C13	ʒi hada
C14	
C15	tie
C16	mera
C17	batA:(ta)
C18	una
C19	won
C20	go
C21	egun
C22	etu
C23	une
C24	auraya
C25	
C26	hon
C27	au
C28	umu
C29	huni

 PO: (ae)na

who 263

C 1	Kare	ewama
C 2	Girawa	ino?
C 3	Munit	ine
C 4	Bemal	i:n
C 5	Sihan	i:n(e)
C 6	Gumalu	i:n
C 7	Isebe	i:ne
C 8	Amele	in
C 9	Bau	i:n
C10	Panim	in
C11	Rapting	ven
C12	Wamas	wene
C13	Samosa	vene
C14	Murupi	wena
C15	Saruga	vani
C16	Nake	ven
C17	Mosimo	wene
C18	Garus	ven
C19	Yoidik	wan
C20	Rempi	wen
C21	Bagupi	won
C22	Silopi	ven
C23	Utu	veni
C24	Mawan	ven
C25	Baimak	ven
C26	Matepi	ven
C27	Gal	wen
C28	Garuh	aun
C29	Kamba	aun

 PO: (n)sai
what 264

C 1	kAra
C 2	ebo
C 3	eri
C 4	ein
C 5	era
C 6	ero
C 7	ere
C 8	e?eta
C 9	el'ai
C10	ele
C11	ale
C12	kata
C13	kali
C14	ate
C15	ari
C16	ari
C17	kata
C18	em
C19	ya?
C20	ae?
C21	ari
C22	ari
C23	ari
C24	veru
C25	ve?e
C26	ari
C27	wel
C28	ari
C29	ker

 PO: (n)sapa

where 265

C 1	Kare	dega
C 2	Girawa	εrΛpa
C 3	Munit	Λdi
C 4	Bemal	εru
C 5	Sihan	a:ye, Λku
C 6	Gumalu	
C 7	Isebe	hagu, aye
C 8	Amele	ai, ana
C 9	Bau	hag
C10	Panim	ai
C11	Rapting	are
C12	Wamas	aramo
C13	Samosa	Λ:r
C14	Murupi	Λragaya
C15	Saruga	εwΛra
C16	Nake	are
C17	Mosimo	romo
C18	Garus	arek
C19	Yoidik	adek
C20	Rempi	de
C21	Bagupi	Λre
C22	Silopi	aripo
C23	Utu	ori
C24	Mawan	Λ:re
C25	Baimak	ate
C26	Matepi	Λre
C27	Gal	Λre
C28	Garuh	adεngu
C29	Kamba	arΛn, arewa

 PO: pai
how many 266

C 1	kagΛ:ruga
C 2	εrΛsebos
C 3	gΛda
C 4	ei?eizΛb
C 5	kani:?Λk
C 6	ganio
C 7	gΛni
C 8	kΛni?
C 9	kΛni
C10	gani
C11	aregu?pa
C12	katata
C13	kaleva:ta
C14	Λtuguta
C15	aruguta
C16	arigoay
C17	kareguta
C18	gende?
C19	ganim
C20	gain
C21	ari gotek
C22	ariparipo
C23	alipok
C24	Λrera
C25	ga:ni
C26	hΛni
C27	gΛne
C28	ganεu
C29	gΛne

 PO: pi(n)sa

<i>morning</i> 268a			<i>day break</i> 268b		
C 1	Kare	sungarari	C 1	anigiluma	
C 2	Girawa	tapera	C 2	amteinu	
C 3	Munit	tuer	C 3	etai?e	
C 4	Bemal	uma seu	C 4	ugaba	
C 5	Sihan	eteu	C 5	varainea	
C 6	Gumalu	eteu	C 6	obatia	
C 7	Isebe	etu	C 7	ohagia	
C 8	Amele	?pasil	C 8	oyake	
C 9	Bau	et ^h ow	C 9	ohako	
C10	Panlm	etu	C10	ozagia	
C11	Rapting	iluk	C11	amisu	
C12	Wamas	tumarege	C12	wanekilu	
C13	Samosa	tumoga	C13	vanekiru	
C14	Murupi	tumagura	C14	vanilu	
C15	Saruga	veneira	C15	vanairu	
C16	Nake	aburup	C16	avelem	
C17	Mosimo	tumarege	C17	wanekiru	
C18	Garus	iluk	C18		
C19	Yoidik	a:lu?	C19	wanilou	
C20	Rempi	alu?	C20	vanilen	
C21	Bagupi	weneil	C21	ebilum	
C22	Silopi	pilari	C22	ewirum	
C23	Utu	pilari	C23	evirum	
C24	Mawan	kwir	C24	abilia	
C25	Baimak	pi:r	C25	abiride	
C26	Matepi	pilari	C26	evil-	
C27	Gal	wara	C27	abirei	
C28	Garuh	abe?a	C28	absubum	
C29	Kamba	furua	C29	kogowarak, kogowar	

afternoon 270

C 1	Kare	uru migi
C 2	Girawa	warir, uriarir
C 3	Munit	dei:wa se?, tuetue
C 4	Bemal	umusik
C 5	Sihan	deiwa
C 6	Gumalu	dehipv
C 7	Isebe	yehiu
C 8	Amele	wesu
C 9	Bau	lehlu
C10	Panim	yehlu
C11	Rapting	uturak
C12	Wamas	suhabA:g
C13	Samosa	susava
C14	Murupi	tutego
C15	Saruga	totohu
C16	Nake	tohu fA:g
C17	Mosimo	suhaw g
C18	Garus	tuwA:?
C19	Yoidik	tu:Ak
C20	Rempi	tuAg
C21	Bagupi	dohu fAg
C22	Silopi	dohu
C23	Utu	tohu
C24	Mawan	dohu
C25	Baimak	de:iv
C26	Matepi	tohu
C27	Gal	tue
C28	Garuh	suve:b
C29	Kamba	tuef

 PO: Rapi
night 271

C 1	anorima
C 2	pututu
C 3	gututu, gu:hume, tuwik
C 4	umaum
C 5	wi:ku
C 6	wimea
C 7	tumu:g
C 8	viti?
C 9	kakatu?ey
C10	gafudia
C11	tumAg
C12	tumahimou
C13	dotaga, donou
C14	utu heu
C15	oto mA:gu
C16	otu, gatitu
C17	tuhmahmou
C18	tiro:m
C19	tokando
C20	taro
C21	otu sem
C22	tupAna
C23	evosom
C24	abuia
C25	kakatu, abuide
C26	tupAna
C27	esiei
C28	suban
C29	tupAn mane

 PO: (m)poni

yesterday 275

C 1 Kare suɛga

C 2 Girawa ʔuʔʌm

C 3 Munit tuʌ

C 4 Bemal u:m

C 5 Sihan u:m

C 6 Gumalu u:m

C 7 Isebe u:m

C 8 Amele um

C 9 Bau um

C10 Panim um

C11 Raptiŋ tu:

C12 Wamas t^hu

C13 Samosa tu:

C14 Murupi tu

C15 Saruga tu

C16 Nake tumay

C17 Mosimo tu

C18 Garus tute

C19 Yoidik tuta

C20 Remp1 tu:

C21 Bagupi tu

C22 Silopi tu

C23 Utu tu

C24 Mawan tu

C25 Baimak t^hu

C26 Matepi tu

C27 Gal tu

C28 Garuh sumay

C29 Kamba tume

 PO: qana-noRa
 qana-napi
tomorrow 278

C 1 kira

C 2 ariba, areb

C 3 tabed

C 4 tuaba

C 5 uʔbʌ

C 6 ubau

C 7 ubuda

C 8 uʔpʌta

C 9 ubota

C10 ubuda

C11 tugeʔ

C12 kilu:

C13 gilo

C14 ilau

C15 ilu

C16 il

C17 kilu

C18 to:p

C19 tiaʔ

C20 tuyeʔ

C21 ilu

C22 i:r

C23 i:r

C24 dair

C25 da:ir

C26 il

C27 lair

C28 budi

C29 kereb

day before yesterday 276

C 1	Kare	tΛ:gu
C 2	Girawa	umΛrʔΛm, ʔumara
C 3	Munit	ũmāt
C 4	Bemal	alin
C 5	Sihan	eren
C 6	Gumalu	eren
C 7	Isebe	eren
C 8	Amele	elen, um vele
C 9	Bau	haun
C10	Panim	elen
C11	Rapting	tu ari
C12	Wamas	toΛhe
C13	Samosa	tagosi
C14	Murupi	viʔili
C15	Saruga	wili
C16	Nake	zΛ:tu
C17	Mosimo	vili
C18	Garus	umte
C19	Yoidik	umta
C20	Rempi	u:m
C21	Bagupi	zautΛn
C22	Silopi	dou
C23	Utu	zou
C24	Mawan	um
C25	Baimak	eren
C26	Matepi	lou
C27	Gal	um
C28	Garuh	la:sula:su
C29	Kamba	ire

 PO: qana-Ri(n)sa
day after tomorrow 279

C 1	yagu
C 2	omteina, orio
C 3	etepa
C 4	alinaba
C 5	eřew
C 6	ereu
C 7	eruadu
C 8	elete
C 9	elota
C10	eluta
C11	tuge ari
C12	ya:hige
C13	za:gosi
C14	zaʔΛta
C15	zatΛna
C16	il zΛ:tu
C17	
C18	ilep to:p
C19	ilΛ:p
C20	ilep
C21	sumahi, zautΛn
C22	are
C23	sipok
C24	i:l
C25	rai:ř
C26	arine, haun
C27	ir
C28	budi la:su
C29	erul

before 277

C 1	Kare	igira
C 2	Girawa	mater
C 3	Munit	berəude, bera:t
C 4	Bemal	ses
C 5	Sihan	wereud
C 6	Gumalu	berəu
C 7	Isebe	were
C 8	Amele	vele
C 9	Bau	velow
C10	Panim	wele
C11	Rapting	wogam
C12	Wamas	gede
C13	Samosa	gere
C14	Murupi	gera
C15	Saruga	amumare
C16	Nake	amA?
C17	Mosimo	gere
C18	Garus	u?umte
C19	Yoidik	wagAmta
C20	Rempi	vagam
C21	Bagupi	amAh
C22	Silopi	waru
C23	Utu	waru
C24	Mawan	walu
C25	Baimak	ilei
C26	Matepi	matu, waru
C27	Gal	aun
C28	Garuh	angau
C29	Kamba	algu

 PO: muqa, nako
afterwards 280

C 1	asera
C 2	
C 3	esu, ganiwa
C 4	aises
C 5	si:bam, sibop
C 6	esi'in
C 7	si:b
C 8	esi hipna
C 9	esi tuhoil
C10	sib, ubelu
C11	dumurge, nage
C12	iwiwige
C13	mina:
C14	sumura
C15	sumahigu
C16	sumul, gi:wi
C17	sonomo
C18	dumule
C19	dum
C20	tum?e
C21	sumur
C22	koi
C23	are
C24	ara:
C25	da:ri
C26	sumur, gol
C27	sumur
C28	boi
C29	dimba

 PO: mudi, (n)taku

now 274

C 1	Kare	gi
C 2	Girawa	durisΛ
C 3	Munit	ūrit
C 4	Bemal	ulis
C 5	Sihan	pi:ri, bΛ:ra
C 6	Gumalu	ge
C 7	Isebe	kε
C 8	Amele	pila
C 9	Bau	pil, ʔpΛr
C10	Panim	ba
C11	Rapting	geraʔ
C12	Wamas	geame
C13	Samosa	ge
C14	Murupi	ge
C15	Saruga	ge
C16	Nake	ge
C17	Mosimo	ge
C18	Garus	genuk
C19	Yoidik	gilæ
C20	Rempi	gilΛt
C21	Bagupi	ge
C22	Silopi	ke
C23	Utu	ge
C24	Mawan	ge
C25	Baimak	kε
C26	Matepi	kε
C27	Gal	kε
C28	Garuh	gehe
C29	Kamba	geI

<i>there</i> ¹⁵ 282		
C 1	Kare	ogΛ:na
C 2	Girawa	Λisen
C 3	Munit	einogo
C 4	Bemal	ulibe
C 5	Sihan	oi- kon
C 6	Gumalu	lɛwaʔi
C 7	Isebe	ahuna
C 8	Amele	chuɛn, naha
C 9	Bau	hoʔa, hokono
C10	Panim	ahūna
C11	Rapting	aire
C12	Wamas	wa
C13	Samosa	hoga
C14	Murupi	waʔaga
C15	Saruga	vege, žeti
C16	Nake	waig, žapɔr
C17	Mosimo	waʔa, waʔa
C18	Garus	unaʔɛ
C19	Yoidik	ugΛʔ
C20	Rempi	ɔʔga, ɔʔ
C21	Bagupi	yɛti
C22	Silopi	deir
C23	Utu	undaum, nendaum
C24	Mawan	reia -ai, au- nuga
C25	Baimak	onaiga
C26	Matepi	waur
C27	Gal	au
C28	Garuh	au
C29	Kamba	uwa

<i>here</i> 281	
C 1	ei
C 2	ʔɛopo
C 3	ɛnogɔr
C 4	eʔa
C 5	ei-kon
C 6	hɛg
C 7	ɛna
C 8	ɛnɛ, ihen
C 9	hɛg
C10	hɛhan

C11	ɛrɛ, ie:
C12	ame
C13	hΛna
C14	ɛ:, Λ:m
C15	ɛ
C16	ɛra, ɛnu
C17	se, ame
C18	nɛʔɛk
C19	lgΛʔ
C20	ɛgΛ, ɛʔ
C21	ɛnɛ
C22	nɛ(tu)
C23	nɛ
C24	ɛ(ara)
C25	ɛna
C26	ai
C27	ɛ:
C28	inag
C29	ɛwa

PO: (ae)ni

near 287

C 1	Kare	bigamba
C 2	Girawa	siau opo
C 3	Munit	duruk
C 4	Bemal	wahugap
C 5	Sihan	tunahur
C 6	Gumalu	tunahuĩ
C 7	Isebe	utuba:nu
C 8	Amele	ono Abe, emenuk
C 9	Bau	utuban, ona?be
C10	Panim	anabe

C11	Rapting	arag
C12	Wamas	bi
C13	Samosa	bigo
C14	Murupi	bia
C15	Saruga	biaga
C16	Nake	gugir
C17	Mosimo	bi
C18	Garus	mutuk
C19	Yoidik	ada
C20	Rempi	o?pi
C21	Bagupi	gugir
C22	Silopi	turi
C23	Utu	turi
C24	Mawan	gura:
C25	Baimak	t ^h unamu, swo
C26	Matepi	egeg
C27	Gal	opA, egeg
C28	Garuh	guguit
C29	Kamba	unaka

PO: tata

far 288

C 1	be:ndi
C 2	atapi
C 3	atig
C 4	pulig
C 5	u:rumε, atah
C 6	εrak, utpen
C 7	iben
C 8	ono?a
C 9	a?anah
C10	hiben

C11	bata
C12	bata:
C13	gama
C14	gama
C15	gomA:gu
C16	bata:
C17	bata:
C18	bata:?
C19	biha
C20	bata, beA?
C21	waurA:g
C22	unε
C23	εpme
C24	waiha:
C25	utwaif
C26	unε
C27	arog
C28	loub
C29	unA

PO: (n)sau

quickly 289

C 1	Kare	Λridi
C 2	Girawa	urite
C 3	Munit	gwΛ:dem
C 4	Bemal	piga(y)
C 5	Sihan	mahu
C 6	Gumalu	ure
C 7	Isebe	birhe
C 8	Amele	mahu?
C 9	Bau	painbe, ha?io
C10	Panin	baimbe
C11	Rapting	anik
C12	Wamas	wahi
C13	Samosa	vasie
C14	Murupi	aniga
C15	Saruga	amΛra
C16	Nake	amΛr
C17	Mosimo	wahie
C18	Garus	kaile
C19	Yoidik	we?pi
C20	Remp1	pΛi
C21	Bagupi	amΛr
C22	Silopi	ise
C23	Utu	ise
C24	Mawan	dΛru
C25	Baimak	gulan
C26	Matepi	arΛm
C27	Gal	pΛsa
C28	Garuh	bihiru
C29	Kamba	ofer

slowly 290

C 1	εmba
C 2	paurΛr
C 3	koiwat
C 4	suban, paita
C 5	kowait
C 6	peiβe
C 7	εbita
C 8	ehena
C 9	εpita
C10	εbita
C11	ma:sik
C12	buta
C13	buta
C14	ofa
C15	mina
C16	scheger
C17	buta
C18	mesik
C19	nanΛ?
C20	masil
C21	schemer
C22	maya:
C23	moya
C24	mahahari
C25	pivei
C26	vio
C27	pisa
C28	boiboi, bibi
C29	sinanΛf

 PO: (?) wawe

yes 291

C 1	Kare	oya
C 2	Girawa	o:, ho:
C 3	Munit	io
C 4	Bemal	yo, oa
C 5	Sihan	ois
C 6	Gumalu	yo
C 7	Isebe	o:
C 8	Amele	a, ese:
C 9	Bau	^
C10	Panim	o:
C11	Rapting	oa
C12	Wamas	?u?u
C13	Samosa	oh
C14	Murupi	amase, ese
C15	Saruga	io
C16	Nake	io
C17	Mosimo	^:
C18	Garus	æ?
C19	Yoidik	uo
C20	Rempi	ae?
C21	Bagupi	io
C22	Silopi	žo:
C23	Utu	žo
C24	Mawan	yo
C25	Baimak	o
C26	Matepi	io
C27	Gal	a:, o:
C28	Garuh	a:, aŋi
C29	Kamba	oe

PO: io

no 292

C 1	i:
C 2	b^
C 3	ta:mo
C 4	ta:m
C 5	be:ʔi
C 6	bitik
C 7	pe
C 8	pe
C 9	?pe
C10	be
C11	pi
C12	pi
C13	?i
C14	pi
C15	pi
C16	ira
C17	pi
C18	pi
C19	pi
C20	pi
C21	pi
C22	pitu:k
C23	pi, kwituk
C24	kwi(tuk)
C25	pi
C26	pi, kwitug
C27	itu
C28	ida
C29	kawa

PO: t(ia)ka(i)

always 293

C 1	Kare	segΛmba
C 2	Girawa	ori
C 3	Munit	tugΛd
C 4	Bemal	umkoskos musmur
C 5	Sihan	gait
C 6	Gumalu	gitgit
C 7	Isebe	kaidunum
C 8	Amele	kaitkait
C 9	Bau	kaitkait
C10	Panim	gait
C11	Rapting	hanhan, enug(ta)
C12	Wamas	bibi
C13	Samosa	enigi
C14	Murupi	tutura
C15	Saruga	hanahana
C16	Nake	hanhan
C17	Mosimo	bitabita
C18	Garus	pusa?aup
C19	Yoidik	wagΛm wagΛm
C20	Rempi	liuliu
C21	Bagupi	hanhan
C22	Silopi	eweb
C23	Utu	gitu
C24	Mawan	erere
C25	Balmak	kaitkait, asas
C26	Matepi	sansan, ahah
C27	Gal	sΛnsΛn
C28	Garuh	hanhan
C29	Kamba	sansan

inside (the house) 285

C 1	abonga
C 2	a
C 3	oraΛ
C 4	hu
C 5	hamon
C 6	famΛn
C 7	famΛn
C 8	hamol
C 9	famΛn
C10	famΛn
C11	houg
C12	zΛbo
C13	zabo
C14	gua
C15	ogΛga
C16	ogΛg
C17	oge
C18	yεlou?
C19	u?ge
C20	lalo?
C21	ogag
C22	ib, oveg
C23	rip
C24	ura
C25	dΛ:uru
C26	ovog
C27	owΛg
C28	loub
C29	?owa

 PO: nua

be 296

C 1	Kare	nde-
C 2	Girawa	do-
C 3	Munit	bir-
C 4	Bemal	da-
C 5	Sihan	bide-
C 6	Gumalu	ni-
C 7	Isebe	ni-
C 8	Amele	pill-
C 9	Bau	ni, pir-
C10	Panim	bil-
C11	Rapting	da-
C12	Wamas	da-
C13	Samosa	da-
C14	Murupi	da-
C15	Saruga	da-
C16	Nake	da-
C17	Mosimo	da-
C18	Garus	da-
C19	Yoidik	d -
C20	Rempi	da-
C21	Bagupi	da-
C22	Silopi	ra-
C23	Utu	da-
C24	Mawan	da-
C25	Baimak	ta-
C26	Matepi	dan-
C27	Gal	da-
C28	Garuh	da-
C29	Kamba	di-

PO: nopo (*stay, dwell*)
 toko (*stay, sit, dwell*)
 tau *stay, land on*)
 etc.

sleep 297

C 1	ning-
C 2	nino-, apu-
C 3	ni-
C 4	amešme-, gabu-
C 5	ni-
C 6	huni-
C 7	wahanl-
C 8	ni, usni-
C 9	huni-
C10	uhan-
C11	nina-
C12	nig-
C13	nigu-
C14	nigi
C15	nag-
C16	nene-
C17	nig-
C18	nig-
C19	nig-
C20	neg-
C21	nog-
C22	nog-
C23	nog-
C24	nug-
C25	unug-
C26	nig-
C27	nigi-
C28	ni:-
C29	usni-

cough 301

C 1	Kare	dagal-
C 2	Girawa	atoru-
C 3	Munit	tur kwe(?)e-
C 4	Bemal	daw u-
C 5	Sihan	etore, de?uru be-
C 6	Gumalu	te?ure-
C 7	Isebe	otoli-
C 8	Amele	otole-
C 9	Bau	etare-
C10	Panim	otole-
C11	Rapting	dalū
C12	Wamas	daure-
C13	Samosa	dagure-, nosisi mura-
C14	Murupi	ziremu mer-
C15	Saruga	dauru maro-
C16	Nake	nosibe-
C17	Mosimo	daur-
C18	Garus	dalū?-
C19	Yoidik	dalū?-
C20	Rempi	delū?-
C21	Bagupi	doro-
C22	Silopi	tere kwo-
C23	Utu	der-
C24	Mawan	kehua-
C25	Baimak	etare-
C26	Matepi	del-
C27	Gal	deur-
C28	Garuh	duiř-
C29	Kamba	daur-

sit down 298

C 1	sigan-
C 2	naneda-
C 3	hovom-
C 4	hub-
C 5	bide-
C 6	bire-
C 7	bili
C 8	pili-
C 9	pir-
C10	bil-
C11	ana-
C12	kin-
C13	kin-
C14	in-
C15	inani-
C16	yane-
C17	kin-
C18	an-, asu-
C19	da-
C20	aso?ne-
C21	inane-
C22	atira-
C23	ati-
C24	atida-
C25	pafute-
C26	ati-
C27	ate-
C28	ina-
C29	di-

stand 299

C 1	Kare	towind(og)-
C 2	Girawa	taira-, sir-
C 3	Munit	ayem
C 4	Bemal	ase-
C 5	Sihan	tave-
C 6	Gumalu	t ^h awe-
C 7	Isebe	tawi-
C 8	Amele	tabe-
C 9	Bau	t ^h aw-
C10	Panim	tawe-
C11	Rapting	turug-
C12	Wamas	bata-
C13	Samosa	ataida-
C14	Murupi	eme-, patau-
C15	Saruga	atari-
C16	Nake	ore-
C17	Mosimo	pata-
C18	Garus	t ^h iruk
C19	Yoidik	se?ed -
C20	Rempi	se?etu-
C21	Bagupi	oreda-
C22	Silopi	irera-
C23	Utu	aiz-
C24	Mawan	ainda-
C25	Baimak	aye-
C26	Matepi	ire-
C27	Gal	irek-
C28	Garuh	hib-
C29	Kamba	sir

 PO: tuqu(d)
stand up 300

C 1	korokair-
C 2	sira-
C 3	aye-
C 4	ase-
C 5	aye-
C 6	ay-
C 7	ayi-
C 8	ase-
C 9	ay-
C10	ay-
C11	(turug) ase-
C12	tari kah-
C13	tarikasu-
C14	atere-
C15	atare-
C16	atose-
C17	talikah-
C18	siru?-
C19	se-
C20	se-
C21	atali-
C22	ay-
C23	aiz-
C24	aye-
C25	aye-
C26	ari-
C27	ai-
C28	ah-
C29	as-

 PO: tuqu(d)

die 302

C 1	Kare	mai-
C 2	Girawa	mezo-
C 3	Munit	zrume-
C 4	Bemal	nom-
C 5	Sihan	aŕme-
C 6	Gumalu	arme-
C 7	Isebe	armi-
C 8	Amele	alme-
C 9	Bau	arme-
C10	Panim	alme-
C11	Rapting	mau-
C12	Wamas	ma-
C13	Samosa	ma-
C14	Murupi	ma-
C15	Saruga	ma-
C16	Nake	nau-
C17	Mosimo	ma-
C18	Garus	mayo-
C19	Yoidik	muw-
C20	Rempi	mo-
C21	Bagupi	mau-
C22	Silopi	nam-
C23	Utu	nam-
C24	Mawan	naum-
C25	Baimak	naume-
C26	Matepi	naum-
C27	Gal	naue-
C28	Garuh	biŕ-
C29	Kamba	mous-

 PO: mate
come 303

C 1	so-
C 2	o-
C 3	se-
C 4	jo-
C 5	so-
C 6	so-
C 7	fa-
C 8	ho-
C 9	fah-
C10	wahe-, so-
C11	sil-, do-, be-
C12	so-
C13	so-
C14	se-
C15	se-
C16	se-
C17	sau-
C18	fil-
C19	do-
C20	il-
C21	se-
C22	sin-
C23	sin-
C24	bi-
C25	vi-
C26	bi-
C27	bi-
C28	uŕi-
C29	uri-

 PO: mai

go 304

C 1	Kare	wa-
C 2	Girawa	poto-, mano-
C 3	Munit	na-
C 4	Bemal	wan-
C 5	Sihan	nu-
C 6	Gumalu	nu-
C 7	Isebe	nu-
C 8	Amele	nuw-
C 9	Bau	nu, va-
C10	Panim	nu-
C11	Rapting	an-
C12	Wamas	kug-
C13	Samosa	kug-
C14	Murupi	ug-
C15	Saruga	ugu-
C16	Nake	ogo-
C17	Mosimo	kuga-
C18	Garus	zi-, i-
C19	Yoidik	wa-
C20	Rempi	ib-
C21	Bagupi	ugu-
C22	Silopi	ugu-
C23	Utu	ug-
C24	Mawan	ug-
C25	Baimak	uku-
C26	Matepi	ug-
C27	Gal	ugu-
C28	Garuh	ug-
C29	Kamba	ant-, wan-

PO: lako, pano

walk 310

C 1	wa-
C 2	arira-
C 3	uge ta-
C 4	aida(de)-
C 5	obe-
C 6	poε-
C 7	wa
C 8	poε-
C 9	ob-
C10	obe-
C11	an-
C12	kug-
C13	ivu-
C14	ug-
C15	ugu-
C16	ogo-
C17	kuga-
C18	gu-
C19	ib-
C20	ib-
C21	ugu-
C22	ugu-
C23	ug-
C24	lar-
C25	uku-
C26	menale-
C27	lař-
C28	ug-
C29	wei-

go up 305

C 1	Kare	to-
C 2	Girawa	tono-
C 3	Munit	temuna-
C 4	Bemal	si-
C 5	Sihan	oisa te-
C 6	Gumalu	t ^h e-
C 7	Isebe	ti-
C 8	Amele	tope-
C 9	Bau	t ^h e-
C10	Panim	ahote-
C11	Rapting	te-
C12	Wamas	jeitaga kug-
C13	Samosa	auge kugu-
C14	Murupi	aga ug-
C15	Saruga	te-
C16	Nake	te-
C17	Mosimo	aute-
C18	Garus	ti-
C19	Yoidik	daot-
C20	Rempi	te-
C21	Bagupi	te-
C22	Silopi	t-
C23	Utu	t-
C24	Mawan	te-
C25	Baimak	te-
C26	Matepi	te-
C27	Gal	te-
C28	Garuh	si-
C29	Kamba	karant-

 PO: (n)sake
go down 306

C 1	ne-
C 2	nobto-
C 3	nemu na-
C 4	no-
C 5	no-
C 6	no-
C 7	no-
C 8	no-
C 9	no-
C10	no-
C11	no-
C12	arai no-, ono kug-
C13	vanige kug-
C14	na?ag ug-
C15	no-
C16	no-
C17	vanine-
C18	no-
C19	no-
C20	no-
C21	ni-
C22	n-
C23	n-
C24	mare ni-
C25	no-
C26	on-
C27	no-
C28	nu-
C29	nu-

 PO: (n)sipo

run 309

C 1	Kare	pumbawa-
C 2	Girawa	urite-
C 3	Munit	guduguduim na-
C 4	Bemal	guřguře-
C 5	Sihan	ku?ure-
C 6	Gumalu	gule-
C 7	Isebe	guguli-
C 8	Amele	gugul-
C 9	Bau	gu?ur-
C10	Panim	gugul-
C11	Rapting	batin-
C12	Wamas	batini kug-
C13	Samosa	ivu-
C14	Murupi	patini ug-
C15	Saruga	enure-
C16	Nake	lalawa-
C17	Mosimo	patina-
C18	Garus	patin-
C19	Yoidik	pali-
C20	Rempi	pali-
C21	Bagupi	lalebe-
C22	Silopi	tar-
C23	Utu	dar-
C24	Mawan	daru ug-
C25	Baimak	kura-
C26	Matepi	dar-
C27	Gal	gur-
C28	Garuh	guw
C29	Kamba	guko ant-

fall (tree) 313

C 1	kabara-
C 2	urirmo-
C 3	kwete-
C 4	ku-
C 5	no-, nu-
C 6	betch-
C 7	barati-
C 8	pahe-
C 9	fut-
C10	abate-
C11	asul-, abr-
C12	ba-
C13	mavv-
C14	ba?-, mawur-
C15	tohonag-
C16	pie-, togi-
C17	ba-
C18	aziw-
C19	b ^a -
C20	ab-, asine
C21	toge-
C22	ohor-
C23	ohar-
C24	ohunag-
C25	ake-, bete-
C26	mahule-
C27	agi-
C28	bi-
C29	bi-

 PO: (?) siŋa

<i>fly</i> (v)	315
C 1 Kare	merego-
C 2 Girawa	puririr(u)-
C 3 Munit	huri-
C 4 Bemal	přuře-
C 5 Sihan	fuřuře-
C 6 Gumalu	pirirate-
C 7 Isebe	harurui-
C 8 Amele	fulule
C 9 Bau	hařuře-
C10 Panim	fulule-
C11 Raptng	merel-
C12 Wamas	talikaha- (?)
C13 Samosa	bututu vo-
C14 Murupi	biřiř we-
C15 Saruga	biver-
C16 Nake	
C17 Mosimo	biriri kuga-
C18 Garus	merel
C19 Yoidik	mel-
C20 Rempi	mel
C21 Bagupi	pibera-
C22 Silopi	ayom ug-
C23 Utu	ug-
C24 Mawan	puwuwu er-
C25 Baimak	phiriretu-
C26 Matepi	buer-
C27 Gal	buer-
C28 Garuh	apař-
C29 Kamba	tal-

PO: Ropo

<i>jump</i>	316
C 1 gaiwa-	
C 2 bit'anir-, po'iru-	
C 3 bitori-	
C 4 silike-, kuane-	
C 5 viride-	
C 6 pitole-	
C 7 butali-	
C 8 pusale-	
C 9 bitoř-	
C10 butale-	
C11 fo'ay-	
C12 alufo-	
C13 arupo-	
C14 foye-	
C15 ohore-	
C16 oyego-	
C17 arufo-	
C18 sikowe-	
C19 tařa-, telas-	
C20 tarai-, ared-	
C21 oyewa-	
C22 angog-	
C23 angosin-	
C24 pite-	
C25 pitole-	
C26 bite-	
C27 pitie-	
C28 ol-	
C29 ol-	

swell up (skin) 317

C 1	Kare	omEnd-
C 2	Girawa	nor-
C 3	Munit	ib-
C 4	Bemal	nel(ε)
C 5	Sihan	waru(wε)-
C 6	Gumalu	ifur-
C 7	Isebe	titil-
C 8	Amele	waluwi-
C 9	Bau	t ^h a ^h u-
C10	Panim	ditil-
C11	Rapting	ivir-, titil-
C12	Wamas	ibid-
C13	Samosa	ivir-
C14	Murupi	maram-
C15	Saruga	ivir-
C16	Nake	ivir-
C17	Mosimo	ibir-
C18	Garus	ib-
C19	Yoidik	tirt-
C20	Rempi	titir-
C21	Bagupi	iwir-
C22	Silopi	iw-
C23	Utu	iwir-
C24	Mawan	ibur-
C25	Baimak	ifutu-
C26	Matepi	ib-
C27	Gal	ditir-
C28	Garuh	sisi-
C29	Kamba	ditil-

 PO: puku, kasi
vomit 318

C 1	pasa-
C 2	?ese-
C 3	wε pera-
C 4	use-
C 5	feru-
C 6	for-
C 7	bohadi-
C 8	foye-
C 9	furat-
C10	buhade-
C11	pas-
C12	fah-
C13	fasa-
C14	vasa-
C15	paha-
C16	pa-
C17	fah-
C18	pah-
C19	pasi-
C20	pais-
C21	pa-
C22	pa-
C23	p ^h a-
C24	pa-
C25	p ^h ai-
C26	pan-
C27	pa-
C28	pah-
C29	pes-

 PO: muta(q), lua

*give*¹⁶ 319

C 1	Kare	mε-
C 2	Girawa	Ø-, nu- (3sg), m- (3pl)
C 3	Munit	me-
C 4	Bemal	m-, moro- (3sg)
C 5	Sihan	Ø-, ute- (3sg)
C 6	Gumalu	Ø-, ute- (3sg)
C 7	Isebe	Ø-, uti- (3sg)
C 8	Amele	Ø-, uti (3sg)
C 9	Bau	Ø-
C10	Panim	Ø-, ud- (3sg)
C11	Rapting	mε-
C12	Wamas	ʒa-, (1), mε-, mo- (3sg)
C13	Samosa	za-, (1), mε- (2pl, 2dl, 3pl, 3dl), mo- (3sg, 3sg)
C14	Murupi	z- (1), mε-
C15	Saruga	da- (1), mε-
C16	Nake	ma-, mere- (3sg)
C17	Mosimo	za- (1), mo- (2sg, 3sg), mε- (2pl, 2dl, 3pl, 3dl)
C18	Garus	ma-, mu- (3sg)
C19	Yoidik	ma-
C20	Rempi	ma-
C21	Bagupi	mε-
C22	Silopi	d- (1), nε- (2sg, 3sg), Ø- (2pl, 2dl, 3pl, 3dl)
C23	Utu	Ø-, nε- (2sg, 3sg)
C24	Mawan	rε- (1), nε-
C25	Baimak	rε-
C26	Matepi	le- (1), nε-
C27	Gal	le- (1), mu-
C28	Garuh	mo-
C29	Kamba	m-

P0: pani

*talk (itr)*¹⁷ 320

C 1	Kare	aga-
C 2	Girawa	amAn mo-
C 3	Munit	avo mɛ-
C 4	Bemal	zɛ mɛ-
C 5	Sihan	ava mɛ-
C 6	Gumalu	ze matɛ-
C 7	Isebe	yɛ madi-
C 8	Amele	yɛ mat -
C 9	Bau	lɛ mat-
C10	Panim	ze made-
C11	Rapting	nin mɛ-
C12	Wamas	nin ?pa-
C13	Samosa	nene oga-
C14	Murupi	nini a-
C15	Saruga	nini a-
C16	Nake	nin a-
C17	Mosimo	nin ?pa-
C18	Garus	nin ma-
C19	Yoidik	nin pA-
C20	Rempi	nin pa-
C21	Bagupi	nin ?a-
C22	Silopi	an-, ma-
C23	Utu	an-, m-
C24	Mawan	nAɾ me-
C25	Baimak	rɛɾ mɛ-
C26	Matepi	nin m-
C27	Gal	lɛl ?ɛ-
C28	Garuh	nay a-
C29	Kamba	an-

talk (tr) 321

C 1	?a
C 2	au-, a-
C 3	o-
C 4	au-
C 5	ma(r)
C 6	ma(t)-
C 7	mai-
C 8	ma-
C 9	ma(t)-
C10	ma-
C11	pa-
C12	ai + give
C13	ogai + give
C14	ai + give
C15	ra a-
C16	do a-
C17	?pa + give
C18	tul + give
C19	pa + give
C20	aug pa-
C21	ra ?a-
C22	ɛpa-
C23	a- + give
C24	a- + give
C25	a-
C26	nin a-
C27	sa a-
C28	a-
C29	an-

watch (itr) 322

C 1	Kare	oma me-
C 2	Girawa	amoite-
C 3	Munit	ama-
C 4	Bemal	hameti-
C 5	Sihan	ofe-
C 6	Gumalu	bami-
C 7	Isebe	me?i-
C 8	Amele	me?i-
C 9	Bau	mehi-
C10	Panim	me?i-
C11	Rapting	dibe-
C12	Wamas	di?po-
C13	Samosa	di?o-
C14	Murupi	dipe-
C15	Saruga	ohoge-
C16	Nake	ohogo-
C17	Mosimo	di?e-
C18	Garus	ile-
C19	Yoidik	ilei-
C20	Rempi	moyau-, he-
C21	Bagupi	ohogu-
C22	Silopi	og-
C23	Utu	ok-
C24	Mawan	ohoge-
C25	Baimak	amuke-
C26	Matepi	ohog-
C27	Gal	hoge-
C28	Garuh	neg-
C29	Kamba	amin-

see (tr) 323

C 1	amb(u)-
C 2	apa-
C 3	ama-, p(ai)-
C 4	ulige-
C 5	of-, fe-
C 6	to-, tu-
C 7	me?i-
C 8	me?-
C 9	mehi-, of-
C10	me?i-
C11	it-
C12	ab(o)-, aboye- (1)
C13	kit(o)-, kitolza-
C14	ita(w)-
C15	iti-, ite- (2sg, 3sg, 1pl)
C16	ite-
C17	abo(ye)-
C18	he?e-
C19	fe?e-, fa?a-
C20	he(a)-
C21	itei-, ite- (3sg)
C22	aw-
C23	ave-
C24	awe-
C25	ita-, ara-
C26	ab-
C27	ar(e)-
C28	an-
C29	pi-, pe-

 PO: kita

*bathe*¹⁸ (itr) 325

C 1	Kare	ži idagu-
C 2	Girawa	Λ:n zo-
C 3	Munit	wān du-
C 4	Bemal	ziwe-
C 5	Sihan	vado-
C 6	Gumalu	wa ru-
C 7	Isebe	wa yo(u)
C 8	Amele	wa yo-
C 9	Bau	wa ro-
C10	Panim	wa zo-
C11	Rapting	ze zau-
C12	Wamas	ji za-
C13	Samosa	zi zag-
C14	Murupi	ze da-
C15	Saruga	zi otono-
C16	Nake	di žε-
C17	Mosimo	ži za-
C18	Garus	žε, zou-
C19	Yoidik	iaʔ-
C20	Rempi	že ža-
C21	Bagupi	di yau-
C22	Silopi	de ra-
C23	Utu	ze za-
C24	Mawan	de la-
C25	Balmak	le la-
C26	Matepi	le lo-
C27	Gal	le lahow(ε)-
C28	Garuh	le la-
C29	Kamba	lu-

PO: ndanu(m), sama
suki, suku

wash (tr) 326

C 1	ži idago-
C 2	žou-
C 3	du-
C 4	zi(w)-, zio- (3sg)
C 5	vado-
C 6	wa ru-
C 7	wa yo-
C 8	yo-
C 9	wa ro-
C10	zo-
C11	yau-
C12	za ya-, zau- (3sg)
C13	zagu-
C14	za(y)-, zau- (3sg)
C15	otono-
C16	di zε-
C17	žai-, zau- (2sg, 3sg)
C18	žεʔε-, zεʔu- (3sg)
C19	iaʔa-
C20	že žeu-
C21	di ya-
C22	de ra-
C23	ze za-
C24	de la-
C25	le la-
C26	le la-
C27	laho-
C28	le la-
C29	le la-

PO: suku

hear 324

C 1	Kare	dewe-
C 2	Girawa	do-
C 3	Munit	ndu-
C 4	Bemal	do-, dohu-
C 5	Sihan	daum-
C 6	Gumalu	dahum-
C 7	Isebe	do-
C 8	Amele	tahm-
C 9	Bau	to-
C10	Parim	daham-
C11	Rapting	do-
C12	Wamas	do-
C13	Samosa	do-
C14	Murupi	do-
C15	Saruga	do-, doho-
C16	Nake	do-
C17	Mosimo	do-
C18	Garus	doh-, duhu-
C19	Yoidik	doh-, duhu-
C20	Rempi	du-
C21	Bagupi	do-
C22	Silopi	do-
C23	Utu	do-
C24	Mawan	do-
C25	Baimak	do-
C26	Matepi	do-
C27	Gal	do-
C28	Garuh	duwe-
C29	Kamba	du-

 PO: doŋo
bite 327

C 1	ngil-, ngerε-
C 2	tu?-, tu?ε- (3sg)
C 3	i-
C 4	kalu-
C 5	i-
C 6	i?i-
C 7	i?-, a?-
C 8	b-
C 9	i?-, kal-
C10	gal-
C11	iz-
C12	keyε-, kε- (3sg)
C13	keu-
C14	εy-
C15	iz-
C16	εmε-
C17	kei-, kε- (3sg)
C18	izi-, i- (3sg)
C19	ia-, ie-
C20	ʒa-
C21	εm -, εmo- (3sg)
C22	εm-
C23	εm -
C24	εmu-
C25	εma-
C26	εmi-
C27	εmε-
C28	imah-
C29	kem-

 PO: kati, kaRati

carry (on back) 329

C 1	Kare	kai-
C 2	Girawa	asa-
C 3	Munit	(de)hi-
C 4	Bemal	asi-
C 5	Sihan	ese-
C 6	Gumalu	eh-
C 7	Isebe	ehi-
C 8	Amele	ese-
C 9	Bau	eh-
C10	Panim	efe-
C11	Rapting	av-
C12	Wamas	ka-
C13	Samosa	ka-
C14	Murupi	a-
C15	Saruga	oria-
C16	Nake	uluo-
C17	Mosimo	ka-
C18	Garus	?a-
C19	Yoidik	au-
C20	Rempi	au-
C21	Bagupi	oliawa-
C22	Silopi	ori-
C23	Utu	ori?i-
C24	Mawan	oli-
C25	Baimak	au-
C26	Matepi	ori-
C27	Gal	ore a-
C28	Garuh	mav-
C29	Kamba	kaw-

*carry (on shoulder)*¹⁹ 328

C 1	korogo-
C 2	atiA-
C 3	boba-
C 4	ka-
C 5	dohu-, kafi-
C 6	kuta-
C 7	guta-
C 8	kah-
C 9	kut ^h a-
C10	kuku-
C11	kuku-
C12	ataye-, ata- (3sg)
C13	atagi-
C14	pata-
C15	kuki-, kuke- (3sg)
C16	kuku-
C17	atal-, ata- (3sg)
C18	kw(ε?)-, ku- (3sg)
C19	koko?a-
C20	kuku-
C21	kuki-
C22	ori-
C23	koki-, ?i-
C24	olia-
C25	iro-
C26	holi-
C27	ori-
C28	kuk-, mav-
C29	kuku-

blow (on fire) 332

C 1	Kare	pugΛm-
C 2	Girawa	uru-
C 3	Munit	hu:de-
C 4	Bemal	pu-
C 5	Sihan	hude-
C 6	Gumalu	fute-
C 7	Isebe	fudi-
C 8	Amele	fuldo-
C 9	Bau	fute-
C10	Panim	fud-
C11	Rapting	fu-
C12	Wamas	foti-
C13	Samosa	fu-
C14	Murupi	fue-
C15	Saruga	fuma-
C16	Nake	fu-, fumu-
C17	Mosimo	fot-
C18	Garus	hu-
C19	Yoidik	fuw-
C20	Rempi	hu-
C21	Bagupi	fumu-
C22	Silopi	omat-
C23	Utu	omat-
C24	Mawan	omΛu
C25	Baimak	fuetu-
C26	Matepi	omat-
C27	Gal	omote-
C28	Garus	il-
C29	Kamba	yai-

dig 334

C 1	ambΛl-
C 2	zare-
C 3	pase hi-
C 4	el-
C 5	hue-
C 6	hiaw -
C 7	fer u-
C 8	holo-
C 9	feru-, hu?-
C10	felo-
C11	ar-
C12	kar-
C13	kař-
C14	ar-
C15	wan aru-
C16	ar ie-
C17	kala-
C18	bo?-
C19	bo?-
C20	be?-
C21	be-
C22	otoř-, etΛgu-
C23	ar-
C24	ab Λr-
C25	ari-
C26	?ar-
C27	ari-
C28	u-
C29	w-, fu-

 PO: k(ae)li, kali

break (across) 333

C 1	Kare	dobol(o)-
C 2	Girawa	paruru-
C 3	Munit	kuka de-
C 4	Bemal	ku-
C 5	Sihan	bete-
C 6	Gumalu	bete-
C 7	Isebe	beti-
C 8	Amele	bahe-
C 9	Bau	bet-
C10	Panim	bete-
C11	Rapting	fawur-
C12	Wamas	siwo-
C13	Samosa	sivo-
C14	Murupi	sue-
C15	Saruga	tohonagu
C16	Nake	paholi-
C17	Mosimo	sibo-
C18	Garus	tahaw-
C19	Yoidik	tabu?ř-
C20	Rempi	hab-
C21	Bagupi	pahule-
C22	Silopi	pahar
C23	Utu	paunag-, pataro-
C24	Mawan	pahunag-
C25	Baimak	bete-
C26	Matepi	pag-
C27	Gal	pete-
C28	Garuh	abas-
C29	Kamba	bi-

 PO: motu
split 335

C 1	pewan-
C 2	ire-
C 3	abere?-
C 4	kak-
C 5	batane-
C 6	betenu-
C 7	batani-
C 8	batame-
C 9	pasir-
C10	betean ne-
C11	owat-
C12	sabilio-
C13	kosag-
C14	ewahag-
C15	ewehagu-
C16	gaheli-
C17	koharu-
C18	taha-
C19	tabura-, pasal-
C20	kasail-
C21	ahili-
C22	etag-
C23	patetar-
C24	pahihile-
C25	otare-
C26	patatar-
C27	pasire-
C28	fia-
C29	biebieb n-

 PO: paqas(i)

tear 336

C 1	Kare	sambereg-
C 2	Girawa	irɛ-
C 3	Munit	kwasiɛ-
C 4	Bemal	kak-
C 5	Sihan	basirɛ-
C 6	Gumalu	paʔasirɛ-
C 7	Isebe	basili-
C 8	Amele	balatɛ-
C 9	Bau	pasir-
C10	Panim	basil-
C11	Rapting	kareɪ-
C12	Wamas	sabilo-
C13	Samosa	savir-
C14	Murupi	sabirɛ-
C15	Saruga	sawilɛ-
C16	Nake	gahili-
C17	Mosimo	sabil
C18	Garus	aseil-
C19	Yoidik	pasəli-
C20	Rempi	kasail-
C21	Bagupi	kahili-
C22	Silopi	pəsar-
C23	Utu	pasir-
C24	Mawan	pahilɛ-
C25	Baimak	kakare-
C26	Matepi	pasil-
C27	Gal	pasirɛ-
C28	Garuh	kadiř-
C29	Kamba	parir-

PO: kari(s), sai,
sa(ei)

cut (with knife) 338

C 1	o-
C 2	tuʔɛ-
C 3	kwatide-
C 4	kuat-
C 5	ako-
C 6	ago-
C 7	ago-
C 8	akɔ-
C 9	ak-
C10	ago-
C11	otar-
C12	katur-
C13	tugɛ-
C14	atar-
C15	otaru-
C16	oli-
C17	katuru-
C18	utel-
C19	tar-
C20	utar-, ʌd-
C21	o-
C22	omo-
C23	tug-
C24	ago-
C25	ako-
C26	otar-
C27	ogɛ-
C28	suř-
C29	kubil-

chop (with axe) 337

C 1	Kare	o-
C 2	Girawa	patiru-
C 3	Minut	kwatide-
C 4	Bemal	kuat-
C 5	Sihan	ako-
C 6	Gumalu	ago-
C 7	Isebe	ago-
C 8	Amele	pete-
C 9	Bau	ak-
C10	Panim	o-
C11	Rapting	bet, ovr-
C12	Wamas	ko-
C13	Samosa	ko-
C14	Murupi	atar-, ohore-
C15	Saruga	otaru-
C16	Nake	obote-
C17	Mosimo	ko-
C18	Garus	uwet ^h -
C19	Yoidik	tař-
C20	Rempi	ad-
C21	Bagupi	ohili-
C22	Silopi	ikwo, oupo-
C23	Utu	?o-
C24	Mawan	o-, otore-
C25	Baimak	ako-
C26	Matepi	om
C27	Gal	o-
C28	Garuh	ubas-, suř-
C29	Kamba	kubil-

fell (a tree) 340

C 1	o-
C 2	tote-
C 3	hã ?u-
C 4	ka-
C 5	u:ate-
C 6	o-
C 7	?o-
C 8	oto-
C 9	o-, bet-
C10	koukid-
C11	o-
C12	ko-
C13	ko-
C14	o-
C15	o-
C16	o-
C17	katul-
C18	?o-
C19	tař-
C20	o-, utar-
C21	o-
C22	o-
C23	?o-
C24	o-
C25	o-
C26	ow-
C27	o-
C28	u-
C29	kwa-

PO: (?) sasa(1)

bury 341

C 1	Kare	kaɫ-, me-
C 2	Girawa	up uruɛ-
C 3	Munit	pakwe-
C 4	Bemal	ob ɛɪ-
C 5	Sihan	he:raise-
C 6	Gumalu	lele-
C 7	Isebe	ʒeli-
C 8	Amele	helisi-
C 9	Bau	rɛr-
C10	Panin	yele-
C11	Rapting	borom-
C12	Wamas	mo-
C13	Samosa	mo-
C14	Murupi	me-
C15	Saruga	ari me-
C16	Nake	bumole-
C17	Mosimo	kalimo-
C18	Garus	bulɛm-
C19	Yoidik	boʔm-
C20	Rempi	bulom-
C21	Bagupi	foʔme-
C22	Silopi	foum-
C23	Utu	fom-
C24	Mawan	fome-
C25	Baimak	itu-
C26	Matepi	fom-
C27	Gal	fome-
C28	Garuh	hubul-
C29	Kamba	fufum-

 PO: tanom
plant 342

C 1	kemb-
C 2	be-
C 3	che-
C 4	be-
C 5	che-
C 6	ɛpe-
C 7	ɛfi-
C 8	che-
C 9	ɛf-
C10	eɛe-
C11	ɛw-
C12	kebo-
C13	kev-
C14	ɛw-
C15	eh-
C16	he-
C17	kewe-
C18	bulɛm-
C19	bo-
C20	eb-
C21	ehu-
C22	ehu-
C23	eh-
C24	eh-
C25	ɛfu-
C26	eh-
C27	ehu-
C28	ib-
C29	gef-

 PO: tanom

*roast (in fire)*²⁰ 344

C 1	Kare	mo-
C 2	Girawa	ma'o-
C 3	Munit	ma-
C 4	Bemal	hage-
C 5	Sihan	mane-
C 6	Gumalu	name-
C 7	Isebe	yami-
C 8	Amele	mane-
C 9	Bau	nam-
C10	Panim	zame-
C11	Rapting	man-
C12	Wamas	malar-
C13	Samosa	verar-, gite
C14	Murupi	ema-
C15	Saruga	ma-
C16	Nake	ema-
C17	Mosimo	mAlala-
C18	Garus	elek mag-
C19	Yoidik	mag-
C20	Rempi	mag-
C21	Bagupi	ewama-
C22	Silopi	ma-
C23	Utu	ema-
C24	Mawan	maye-
C25	Baimak	maye-
C26	Matepi	man-
C27	Gal	maye-
C28	Garuh	man-
C29	Kamba	mAn-

PO: taqo (*bake*)
 tunu (*cook of fire*)

boil 345

C 1	sogo-
C 2	mo-
C 3	ahε-
C 4	me-
C 5	?ire-, heki
C 6	l?hire-
C 7	ihili-
C 8	ili-
C 9	ihil-
C10	il-
C11	wam-
C12	womo-
C13	amug-
C14	amo-, se-
C15	omo-
C16	ewamu-
C17	fiho-
C18	wa'a-
C19	fis-
C20	taim-
C21	bomo-
C22	ema-, pAh-
C23	mon-, yars-
C24	ome-
C25	ye-, ekie-
C26	vom-
C27	nome-
C28	badi
C29	fAri-

burn 346

C 1	Kare	inAr-
C 2	Girawa	murumo-
C 3	Munit	ma-
C 4	Bemal	hage-
C 5	Sihan	mane-
C 6	Gumalu	name-
C 7	Isebe	yami-
C 8	Amele	mane-
C 9	Bau	nam-
C10	Panim	zame-
C11	Rapting	man-
C12	Wamas	malar-
C13	Samosa	verar-
C14	Murupi	verar-, merar-
C15	Saruga	
C16	Nake	ma-
C17	Mosimo	mAlala-
C18	Garus	mag-
C19	Yoidik	ma:g-
C20	Rempi	ve-
C21	Bagupi	ma(na)-
C22	Silopi	ma-
C23	Utu	matar-
C24	Mawan	maye-
C25	Baimak	maye-
C26	Matepi	man-
C27	Gal	maye-
C28	Garuh	mane-
C29	Kamba	mAn-

 PO: (?) ŋmaRi
fill up (water) 347

C 1	ele-
C 2	ore-
C 3	wete-
C 4	ule-
C 5	wete-
C 6	taʔe-
C 7	weti-
C 8	wete-
C 9	wet-
C10	wete-
C11	wet-
C12	wete-
C13	veto-
C14	wete-
C15	wete-
C16	wete-
C17	wete-
C18	vi-
C19	we-
C20	ve-
C21	wete-
C22	wet-
C23	vet-
C24	vete-
C25	wete-
C26	vet-
C27	vete-
C28	ose-
C29	goger-

 PO: qutup

buy 343

C 1	Kare	ki owu-
C 2	Girawa	(?au) mo-
C 3	Munit	gwΛ-
C 4	Bemal	gaume-
C 5	Sihan	faye-
C 6	Gumalu	idatme-
C 7	Isebe	idΛd mi-
C 8	Amele	faye-
C 9	Bau	idΛt me-
C10	Panim	idad me-
C11	Rapting	au-
C12	Wamas	baimo-
C13	Samosa	
C14	Murupi	baime-
C15	Saruga	baimi-
C16	Nake	dagen me-
C17	Mosimo	baim-
C18	Garus	dibg-
C19	Yoidik	daŋge-
C20	Rempi	dagdai-
C21	Bagupi	tagen me-
C22	Silopi	ow-
C23	Utu	baim-
C24	Mawan	irΛr mu-
C25	Baimak	itatmu-
C26	Matepi	dare m-
C27	Gal	irΛr mu-
C28	Garuh	dagen hi-
C29	Kamba	irΛrm-

 PO: poli
eat 348

C 1	za-, kiga-
C 2	ze-
C 3	de-
C 4	ze-
C 5	de-
C 6	re-
C 7	zi-
C 8	ye-
C 9	le-
C10	ye-
C11	zi-
C12	za-
C13	zΛu-
C14	zan-, da-
C15	za-
C16	za-
C17	ya-
C18	ze-
C19	za-
C20	za-
C21	za-
C22	raun-
C23	zaun-
C24	da-
C25	da-
C26	lan-
C27	la-
C28	la-
C29	le-

 PO: kani

kill 350

C 1	Kare	mung-
C 2	Girawa	be-
C 3	Munit	kwe-
C 4	Bemal	ʔwe-
C 5	Sihan	be-
C 6	Gumalu	be-
C 7	Isebe	bi-
C 8	Amele	po-
C 9	Bau	be-
C10	Panim	be-
C11	Rapting	duʔug o-
C12	Wamas	marʌre ma-
C13	Samosa	muʃa-
C14	Murupi	mura-
C15	Saruga	pe-
C16	Nake	dua-
C17	Mosimo	mora-
C18	Garus	uhil-
C19	Yoidik	po-
C20	Rempi	be-
C21	Bagupi	pe-
C22	Silopi	po-
C23	Utu	kwo-
C24	Mawan	kwe-
C25	Baimak	tug ako-, be-
C26	Matepi	pa-
C27	Gal	pe-
C28	Garuh	dugu-
C29	Kamba	p-

 PO: / paka-mate
fight (hit) 349

C 1	aga-
C 2	marai maʔo-
C 3	uri-
C 4	malay me-
C 5	ade-
C 6	huba(a)be-, ate-
C 7	adi-
C 8	hʌnate-
C 9	fʌn me-
C10	fan ade-
C11	gara(ta) me-, mare-
C12	marʌ-
C13	evo-
C14	aʔiri fe-
C15	maro-
C16	malo-
C17	ʔpewe-, malʌ-
C18	nupu-
C19	uhel-
C20	oid-
C21	maro-
C22	mam-
C23	mami-
C24	ʌr-, mam-
C25	atu-
C26	aʃ-
C27	aru-
C28	biʃal-
C29	s-, kor-

throw (stone) 351

C 1	Kare	pəwa-
C 2	Girawa	ʔurɛ-
C 3	Munit	peigai-
C 4	Bemal	aməh-
C 5	Sihan	heɛ-
C 6	Gumalu	tahule-
C 7	Isebe	dahuli-
C 8	Amele	heɛ-
C 9	Bau	dahur-
C10	Panim	heɛ-
C11	Rapting	fe-
C12	Wamas	fo-
C13	Samosa	fo-
C14	Murup1	fe-
C15	Saruga	fe-
C16	Nake	taru-
C17	Mosimo	fo-
C18	Garus	feʔet-
C19	Yoidik	fe-
C20	Rempi	he-
C21	Bagup1	taro-
C22	Silop1	er-
C23	Utu	er-
C24	Mawan	itoure-
C25	Baimak	tarɛ-
C26	Matep1	er-
C27	Gal	ɛ-
C28	Garuh	mavɛ uge-
C29	Kamba	taur-

shoot 352

C 1	o-
C 2	
C 3	kwe-
C 4	pas-
C 5	due-
C 6	bɛ-
C 7	bi-
C 8	kusi-
C 9	
C10	he ɛ-
C11	ia-
C12	po-
C13	avug-
C14	pɛ-, awɛ-
C15	pɛ-
C16	bɛ-
C17	pɛ-
C18	(nu)po-
C19	uyaʔ-
C20	bɛ-
C21	parau-
C22	apor-
C23	kwo-
C24	kew-
C25	bɛ-
C26	pim-
C27	ye-
C28	pi-
C29	timal-

look for

C 1	Kare	kole-
C 2	Girawa	inΛ:rε-
C 3	Munit	pi-
C 4	Bemal	itan-
C 5	Sihan	ofε-
C 6	Gumalu	mege-
C 7	Isebe	megi-
C 8	Amele	meke-
C 9	Bau	megat-
C10	Panim	mege-
C11	Rapting	mari-
C12	Wamas	har
C13	Samosa	kit -
C14	Murupi	sor-
C15	Saruga	ite-
C16	Nake	ita-
C17	Mosimo	sΛ:ra-
C18	Garus	mar-
C19	Yoidik	fo?-
C20	Rempi	madi-
C21	Bagupi	masi-
C22	Silopi	aw-
C23	Utu	av-
C24	Mawan	hawe-
C25	Baimak	ara-
C26	Matepi	r-
C27	Gal	mari-
C28	Garuh	madi-
C29	Kamba	mΛri-

pour out 357

* C 1	eno-
C 2	wouru-
C 3	ngohonde-
C 4	esik-
C 5	euse-
C 6	ebuse-
C 7	esawi-
C 8	pase?to-
C 9	esaw-
C10	esawe-
C11	kuri-
C12	pefo-
C13	eifo-
C14	ewuhe-
C15	fura-
C16	foro-
C17	aifu-
C18	alva-
C19	ba?ar-
C20	fura?-
C21	fura-
C22	fura-
C23	fura-
C24	gehele-, ebihe-
C25	ebisal-
C26	vura-
C27	esire-
C28	kudi-
C29	gogol-

 PO: liŋi

<i>make</i> ²¹	354	<i>work</i> ²²	255
C 1 Kare	neguw-	C 1 mo-	
C 2 Girawa	iseru-	C 2 sarau mo-	
C 3 Munit	uge ito-	C 3 ara me-	
C 4 Bemal	guzen-	C 4 me-	
C 5 Sihan	ode-	C 5 opio-, ehe-	
C 6 Gumalu	ubaut-	C 6 apime-, efe-	
C 7 Isebe	odi-	C 7 peruwo-, efi-	
C 8 Amele	ote-	C 8 api o-, ehe-	
C 9 Bau	ot-	C 9 api-, ef-	
C10 Panim	ode-	C10 abi o-, efe-	
C11 Raptang	me-	C11 epah me-	
C12 Wamas	mo-	C12 faheli mo-	
C13 Samosa	mo-	C13 vit-, kev-	
C14 Murupi	me-	C14 wahili me-	
C15 Saruga	me-	C15 paili me-	
C16 Nake	me-, ene-	C16 pail ene-	
C17 Mosimo	mo-	C17 fahali mo-	
C18 Garus	ma-	C18 ?u-, hat-	
C19 Yoidik	ma-	C19 wei wa-	
C20 Remp1	ma-	C20 ipais ma-	
C21 Bagupi	ana-	C21 pail me-	
C22 Silopi	an-	C22 pair ow-	
C23 Utu	an-	C23 pair aw-	
C24 Mawan	mo-, gore-	C24 pair e-	
C25 Baimak	ura-	C25 pera-	
C26 Matepi	una-	C26 pail wa-	
C27 Gal	ere-	C27 pair au-	
C28 Garuh	hi-	C28 ipaih hi-	
C29 Kamba	se-	C29 kw-	

PO: pai

sharpen 355

C 1	Kare	seI-
C 2	Girawa	mere-
C 3	Munit	kwati-
C 4	Bemal	beg-
C 5	Sihan	mati-
C 6	Gumalu	mati-
C 7	Isebe	meti-
C 8	Amele	mete-
C 9	Bau	met ^h -
C10	Panim	mete-
C11	Rapting	met-
C12	Wamas	mete-
C13	Samosa	ser-
C14	Murupi	wete-
C15	Saruga	zer-
C16	Nake	sele-
C17	Mosimo	mete-
C18	Garus	met ^h -
C19	Yoidik	met-
C20	Rempi	meg-
C21	Bagupi	selu-
C22	Silopi	ser-
C23	Utu	fas-
C24	Mawan	mete-
C25	Baimak	mete-
C26	Matepi	seI-
C27	Gal	mete-
C28	Garuh	hui-
C29	Kamba	met-

hold 356

C 1	por-
C 2	ato-
C 3	pare-
C 4	pat-
C 5	fare-
C 6	fare-
C 7	bali-
C 8	hewe-
C 9	fAl-
C10	fale-
C11	at-
C12	At-
C13	fat-
C14	at-
C15	at-
C16	ata-
C17	at-
C18	at-
C19	at-
C20	at-
C21	atu-
C22	At-
C23	At-
C24	at-
C26	atu
C27	at-
C28	at-
C29	ara-
C30	ora-

PO: tau(dr) (a)
ka(m)pi (t)

push 359

C 1	Kare	sel-
C 2	Girawa	suoru-
C 3	Munit	nunde-
C 4	Bemal	su-
C 5	Sihan	nude-
C 6	Gumalu	sunde-
C 7	Isebe	sundi-
C 8	Amele	sundo-
C 9	Bau	sunde-
C10	Panim	sund-
C11	Rapting	gelet-
C12	Wamas	
C13	Samosa	gerama-
C14	Murupi	wihawa ug-
C15	Saruga	uguge-
C16	Nake	inor oge-
C17	Mosimo	gilale kuga-
C18	Garus	yeli-
C19	Yoidik	asi-
C20	Rempi	kikel-, isen-
C21	Bagupi	
C22	Silopi	em-
C23	Utu	ameno-
C24	Mawan	sununuer-
C25	Baimak	sunetu-
C26	Matepi	sununu er-
C27	Gal	eni-
C28	Garuh	dudun-
C29	Kamba	dutun-

pull 358

C 1	gura-
C 2	deuru-
C 3	are-
C 4	kew-
C 5	di:de-
C 6	e?era-
C 7	didi-
C 8	tito-
C 9	dit ^h e-
C10	did-
C11	pay-
C12	aha-
C13	au-
C14	wisawa-
C15	ora-
C16	ele-
C17	wiha-
C18	tun-
C19	wi?da?-
C20	wira?-
C21	oro-
C22	erai-
C23	dato-
C24	eule-
C25	ere-
C26	dat-
C27	ere-
C28	iyef-
C29	beru-

scratch (skin) 361

C 1	Kare	nanamb-
C 2	Girawa	isis araru-
C 3	Munit	gerete-
C 4	Bemal	kal
C 5	Sihan	kereude-
C 6	Gumalu	ninife-
C 7	Isebe	ti?i-
C 8	Amele	si?i-
C 9	Bau	nahinti?-
C10	Panim	ti?-
C11	Rapting	fakel-
C12	Wamas	ger-
C13	Samosa	
C14	Murupi	nasig-
C15	Saruga	ger-
C16	Nake	pagara
C17	Mosimo	gel-
C18	Garus	gel-
C19	Yoidik	gel-
C20	Rempi	gel-
C21	Bagupi	pagere-
C22	Silopi	met-
C23	Utu	pag-
C24	Mawan	pagare-
C25	Baimak	pakare-
C26	Matepi	pʌrag-
C27	Gal	pagere
C28	Garuh	pagař-
C29	Kamba	pʌgʌl-

 PO: kari(s)
put 360

C 1	mo-
C 2	mo-
C 3	me-
C 4	moit-
C 5	me-
C 6	me-
C 7	mi-
C 8	me-
C 9	me-
C10	me-
C11	me-
C12	mo-
C13	mo-
C14	me-
C15	me-
C16	me-
C17	bani mo-
C18	mat-
C19	ma-
C20	ma-, wanama-
C21	me-
C22	me-
C23	mo-
C24	mu-
C25	mu-
C26	ma-
C27	ma-
C28	mi-
C29	m-

*smell*²³ 363

C 1	Kare	nemene gum-
C 2	Girawa	somoro-
C 3	Munit	irunde-
C 4	Bemal	itu do-
C 5	Sihan	ahagud-
C 6	Gumalu	uhuli me-
C 7	Isebe	afug mi-
C 8	Amele	ahoug me-, nusue-
C 9	Bau	uhuli me-
C10	Panim	afug me-
C11	Rapting	uri do-
C12	Wamas	muhu aido-
C13	Samosa	musaga-
C14	Murupi	musug a-
C15	Saruga	fufuri do-
C16	Nake	uligi-
C17	Mosimo	muhug a-
C18	Garus	ulu doh-
C19	Yoidik	uŕu doh-
C20	Rempi	honi du-
C21	Bagupi	uhuli-, gori do-
C22	Silopi	oh-
C23	Utu	uf-
C24	Mawan	uhurer-
C25	Baimak	afa mu-
C26	Matepi	ur-
C27	Gal	hurige-
C28	Garuh	uŕig-
C29	Kamba	kulig m-

*swallow*²⁴ 364

C 1	aggan-
C 2	niʔane-
C 3	kurūye-
C 4	gulu te-
C 5	deana no-
C 6	lean nu-
C 7	zean nu-
C 8	peluto-
C 9	no-
C10	yan no-
C11	zifag-
C12	zaifug-
C13	saifog-
C14	fog-
C15	fog-
C16	dawaga-
C17	zɛifog
C18	fig-
C19	yafog-
C20	zaheg-
C21	dawagu-
C22	wagʌrug-
C23	wag-
C24	lɛ:b no-
C25	dav no-
C26	lav on-
C27	lawa no-
C28	sabaug-
C29	unub-

 PO: tono

tie 366

C 1	Kare	gor(a)-
C 2	Girawa	deuru-
C 3	Munit	ti(nde)-
C 4	Bemal	di-
C 5	Sihan	dide-
C 6	Gumalu	tite-
C 7	Isebe	did-
C 8	Amele	tilto-
C 9	Bau	dite-
C10	Panim	did-
C11	Rapting	paiž-
C12	Wamas	kaha-
C13	Samosa	diga-
C14	Murupi	tataba-
C15	Saruga	tade-
C16	Nake	pai-
C17	Mosimo	numru-
C18	Garus	tun-
C19	Yoidik	wi?da-
C20	Rempi	vida?-
C21	Bagupi	tati-
C22	Silopi	tat-
C23	Utu	tat-
C24	Mawan	tate-
C25	Baimak	dide-
C26	Matepi	tat-
C27	Gal	tate-
C28	Garuh	susi-
C29	Kamba	tior-

 FO: paqu, pusi
fasten 366

C 1	kor-
C 2	pa:ru-
C 3	i:re-
C 4	ki-
C 5	dere-
C 6	lele-
C 7	bagi-
C 8	bake-, kaki-
C 9	rer-
C10	bage-
C11	man-
C12	
C13	vite-
C14	aha-
C15	pag-
C16	page-
C17	fu?o-
C18	vit-
C19	tahn-
C20	vit-
C21	pag-
C22	pag-
C23	papoř-
C24	kwAg-
C25	pagu-
C26	pag-
C27	pag-
C28	pag-
C29	bag-

laugh 369

C 1	Kare	emo-
C 2	Girawa	yo-
C 3	Munit	beriwa-
C 4	Bemal	ime-
C 5	Sihan	u:ba i:b-
C 6	Gumalu	bahimo-
C 7	Isebe	ahali-
C 8	Amele	asale-
C 9	Bau	ahale-
C10	Panim	ahale-
C11	Rapting	im-
C12	Wamas	kahe imo-
C13	Samosa	gase imo-
C14	Murupi	gaha me-
C15	Saruga	ime-
C16	Nake	imi-
C17	Mosimo	imo-
C18	Garus	im-
C19	Yoidik	im-
C20	Remp1	im-
C21	Bagup1	imi-
C22	Silop1	im-
C23	Utu	im-
C24	Mawan	ime-
C25	Baimak	ime-
C26	Matep1	im-
C27	Gal	imi-
C28	Garuh	im-
C29	Kamba	im-

 PO: kata(kata)
take 365

C 1	ub-
C 2	ou-
C 3	ogo-
C 4	o-
C 5	o-
C 6	o-
C 7	wo-
C 8	o(i)-
C 9	o-
C10	o-
C11	au-
C12	^-
C13	au-
C14	a-
C15	au-
C16	au-
C17	a-
C18	u-
C19	au-
C20	au-
C21	au-
C22	ow-
C23	aw-
C24	a-
C25	au-
C26	aw-
C27	au-
C28	u-
C29	w-

call out 367

C 1	Kare	ε-
C 2	Girawa	uřbe-
C 3	Munit	utay-
C 4	Bemal	urur-
C 5	Sihan	u:te-
C 6	Gumalu	utay-
C 7	Isebe	ewi-
C 8	Amele	ute'ε-
C 9	Bau	ut ^h ay-
C10	Parim	uta-
C11	Rapting	u:lew -
C12	Wamas	ro-
C13	Samosa	vo-
C14	Murup1	wε-
C15	Saruga	ve
C16	Nake	ulwe-
C17	Mosimo	wε-
C18	Garus	ulvi-
C19	Yoidik	ulwe-
C20	Rempi	ulve-
C21	Bagup1	urwe-
C22	Silop1	wε-
C23	Utu	v-
C24	Mawan	we-
C25	Baimak	ve-
C26	Matep1	wo-, li-
C27	Gal	wε-
C28	Garuh	wuri-
C29	Kamba	uru-

 PO: (?) kalaja
cry 368

C 1	ko-
C 2	bayε-
C 3	kwa-
C 4	weine-
C 5	ba-
C 6	bare-
C 7	pa-
C 8	payε-
C 9	?par-
C10	baye-
C11	aža-
C12	bia-
C13	biga-
C14	pa-
C15	pa-
C16	ba-
C17	bia-
C18	?ε-
C19	ai-
C20	?a-
C21	pa-
C22	paun-
C23	kwa-
C24	kwa-
C25	ba-
C26	puan-
C27	?pa-
C28	ba-
C29	kwan-

 PO: tanis

dance 370

C 1	Kare	ila-
C 2	Girawa	ete-
C 3	Munit	barai dua-
C 4	Bemal	magen me-
C 5	Sihan	parai du-
C 6	Gumalu	baray tu-
C 7	Isebe	
C 8	Amele	i:k me-
C 9	Bau	sek tu?-
C10	Panim	due du-
C11	Rapting	asu il
C12	Wamas	
C13	Samosa	
C14	Murupi	ura me-
C15	Saruga	asu ile-
C16	Nake	ila
C17	Mosimo	
C18	Garus	
C19	Yoidik	
C20	Rempi	dugum-
C21	Bagupi	abi ila-
C22	Silopi	faug oro awiay-
C23	Utu	avi ra-
C24	Mawan	fau gara avile-
C25	Baimak	parei ira-
C26	Matepi	avi il-
C27	Gal	du ire-
C28	Garuh	ahi ed-, gor-
C29	Kamba	denis m-

 PO: sanqa(q)
*singsing*²⁵ 370

C 1	kambi e-
C 2	sil be-
C 3	barai ode-
C 4	kabal ?u-
C 5	parai sire-
C 6	barai o-
C 7	seg bu?i-
C 8	tuwe sili-
C 9	sek sir-
C10	due hil-
C11	asu wer-
C12	kahu ver-
C13	kavi ver-
C14	do-, wer-
C15	aigiga ver-
C16	
C17	kahu vere-
C18	asu ma-
C19	dugum-
C20	hetve-
C21	awi beru-
C22	awiro wer-
C23	avi ver-
C24	gara aviver-
C25	parei vetu-
C26	avi ver-
C27	du wer-
C28	ahi gote-, du idu-
C29	kasi r-

turn oneself 371

C 1	Kare	iliga-
C 2	Girawa	ep(i) tiru, etc-
C 3	Munit	waide-
C 4	Bemal	ahel-
C 5	Sihan	faride-
C 6	Gumalu	eriwi-
C 7	Isebe	erawi-
C 8	Amele	falito-
C 9	Bau	falit-
C10	Panim	elave-
C11	Rapting	pilab-
C12	Wamas	bilinΛ-
C13	Samosa	berina-
C14	Murupi	birina-
C15	Saruga	awize-
C16	Nake	wazi-
C17	Mosimo	bilinΛ-
C18	Garus	fala-
C19	Yoidik	pilau-
C20	Rempi	bule-, ilau-
C21	Bagupi	baye-
C22	Silopi	pesey-
C23	Utu	pavas-, peror-
C24	Mawan	paihag-
C25	Baimak	balisetu-
C26	Matepi	avul-
C27	Gal	eure-
C28	Garuh	buŋi-
C29	Kamba	buli-

PO: puli(q)
sana

dream 374

C 1	ningai mo-
C 2	epire-
C 3	bibiri-
C 4	wabil-
C 5	bebere-
C 6	bebere-
C 7	bebeli-
C 8	bebele-
C 9	bepel-
C10	bebele-
C11	pan me-
C12	nigai abo-
C13	nigei mo-
C14	nigai ta-
C15	nigazaga it(e)
C16	abula ak-
C17	nigai ab-
C18	pan ma-
C19	di'o-
C20	ʔulo-
C21	eburau-
C22	bab-
C23	vav-
C24	wawure-
C25	wapire-
C26	wavur-
C27	tul ne-
C28	sul ni-, sul mi-
C29	tul ni-

PO: nipi

(be) sick 380

C 1	Kare	begeru ma-
C 2	Girawa	sip be-
C 3	Munit	ũhã kwe-
C 4	Bemal	eʔbe me-
C 5	Sihan	sA:ki be-
C 6	Gumalu	sAʔ be-
C 7	Isebe	sA:g mi-
C 8	Amele	hagbo-
C 9	Bau	sAk pe-
C10	Panim	hag be-
C11	Rapting	veleu be-
C12	Wamas	vilou ma-
C13	Samosa	verou ma-
C14	Murupi	were ma-
C15	Saruga	werau ma-
C16	Nake	wele wa-
C17	Mosimo	welo ma-
C18	Garus	vale ma-, sup ma
C19	Yoidik	
C20	Rempi	mo-
C21	Bagupi	welau mau-
C22	Silopi	were mo-, were po-
C23	Utu	veře ma-
C24	Mawan	veri kwe-
C25	Baimak	ver be-
C26	Matepi	vele a-
C27	Gal	ware me-
C28	Garuh	ware bi-
C29	Kamba	ware m-

 PO: ma(n)sakit
be afraid 375

C 1	bo-
C 2	imine-
C 3	umuni-
C 4	umine-
C 5	umune-
C 6	umuni-
C 7	umuni-
C 8	uʔuye-
C 9	umuni-
C10	ue-
C11	wanař-
C12	vanAg-
C13	vanAg-
C14	wanag-
C15	wanite-
C16	fare-
C17	vinAg-
C18	van-
C19	wan-
C20	van-
C21	wahitei-
C22	wat-
C23	wato-
C24	wanite-
C25	iome-
C26	wat-
C27	fare-
C28	bař-
C29	far-

 PO: matakut

cooked 232

C 1	Kare	orow-
C 2	Girawa	ʒere-
C 3	Munit	u-
C 4	Bemal	el-
C 5	Sihan	ʔi:-
C 6	Gumalu	iha
C 7	Isebe	iy-
C 8	Amele	izi-
C 9	Bau	i-
C10	Panim	iye-
C11	Rapting	ʒalu
C12	Wamas	a:ru
C13	Samosa	aru
C14	Murupi	alu
C15	Saruga	o-
C16	Nake	are-
C17	Mosimo	aru-
C18	Garus	ʒal-
C19	Yoidik	yel-
C20	Rempi	eel-, taim-
C21	Bagupi	ʔo-
C22	Silopi	e-
C23	Utu	ʔe-
C24	Mawan	e-
C25	Baimak	ema-
C26	Matepi	a-
C27	Gal	ou-
C28	Garuh	ar-
C29	Kamba	ar-

PO:

moso

*think*²⁶ 373

C 1	dande mo-
C 2	doroʔate-
C 3	dau me-
C 4	dabuk el-
C 5	iside-
C 6	iste-
C 7	isdi-
C 8	isto-
C 9	iste-
C10	isd-
C11	deb me-
C12	dava mo-
C13	de safo-
C14	dawa me-
C15	dahage-
C16	dah me-
C17	dava mo-
C18	dip ma-
C19	dep me-
C20	deb ma-
C21	dahu me-
C22	da m-
C23	da m-
C24	dahu me-
C25	tatume-
C26	dahu m-
C27	is er-
C28	dab mi-
C29	dahu m-

*thundering*²⁶

C 1	Kare	samba-, sangara-
C 2	Girawa	om urir-
C 3	Munit	bāhay-
C 4	Bemal	amel kuay-
C 5	Sihan	periapa pe-
C 6	Gumalu	merawa pe-
C 7	Isebe	belin ni-
C 8	Amele	pe:li po-
C 9	Bau	peři pe-
C10	Panim	beli ne-
C11	Rapting	sab pe-
C12	Wamas	sabe po-
C13	Samosa	save o-
C14	Murupi	saba pe-
C15	Saruga	agara pe-
C16	Nake	agar pe-
C17	Mosimo	saw 'po-
C18	Garus	se pu-
C19	Yoidik	sab po-
C20	Rempi	sA:p 'pe-
C21	Bagupi	agar be-
C22	Silopi	eb kwararaw-
C23	Utu	ep o-
C24	Mawan	A:b kwarara-
C25	Baimak	weli be-
C26	Matepi	e p-
C27	Gal	sagar pe-
C28	Garuh	hagar pi-, hA:b pi-
C29	Kamba	sagar pi-

lightning

C 1	pililia-
C 2	erman du-
C 3	piay-
C 4	amel he-
C 5	amera fiay-
C 6	sasawe-
C 7	movi perai-
C 8	fele-
C 9	peři fiay-
C10	amel fela-
C11	amem as-
C12	amem ahi-
C13	ameme fo-
C14	sawa pirira-
C15	pirili apa-
C16	amem be-
C17	ameme Ahe-
C18	se amem az-
C19	amiř as-
C20	amur as-
C21	amen pipile-
C22	eb aru-
C23	ep bir-
C24	Ab amure-
C25	amur le-
C26	ampil er-
C27	ampir au-
C28	amem aw-
C29	ampir w-

 PO: pila(k)

APPENDIX A
DUAL PRONOUN FORMS

we two 30

	Free	Genitive	Verbal Object
C 1 Kare	za-amba	-(pl) ²⁷	-(pl)-
C 2 Girawa	i? naigari	-(pl)	-(pl)-
C 3 Munit	i-re	-it	-ir-
C 4 Bemal	ig za-y al	-ir	-(pl)-
C 5 Sihan	i-re	-ire	-ire-
C 6 Gumalu	i-re	-irei	-iri-
C 7 Isebe	i-le	-ili	-ili-
C 8 Amele	e-le	-ile	-ili-
C 9 Bau	i-re	-ire	-ir-
C10 Panim	i-le	-ili	-il-
C11 Raptang	i-t	-it	-it-
C12 Wamas	zo arita	-it	-it-
C13 Samosa	zogo ari	-(pl)	-zatu-
C14 Murupi	yanagata	-inu	-at-
C15 Saruga	i:y	-iat	-atu-
C16 Nake	i:arialai	-iat	-iti-
C17 Mosimo	zoy arita	-iti	-yet-
C18 Garus	i-t	-t	-et-
C19 Yoidik	da naŋ pa (?)	-(pl)	-(pl)-
C20 Remp1	da mey-Ø pa	-(pl)	-(pl)-
C21 Bagupi	i-y	-iat	-t-
C22 Silopi	il	-yet	-(t)et-
C23 Utu	i:	-izet	-zet-
C24 Mawan	i-r	-(i)et, -ret	-(r)et-, -it-
C25 Baimak	iat1	-(i)et	-tu-
C26 Matepi	i:	-itet, -let	-it-
C27 Gal	i:	-illet	-t-
C28 Garuh	is	-nis	-is-
C29 Kamba	i	-nit	-it-

you two 31

		Free	Genitive	Verbal Object
C 1	Kare	wu-mba	-(pl)	-(pl)-
C 2	Girawa	a sau-n ari	-(pl)	-(pl)-
C 3	Munit	a-re	-aro	-ar-
C 4	Bemal	Ag zau-n al	-ar	-(pl)-
C 5	Sihan	Λ-re	-Λ?	-are-
C 6	Gumalu	a-re	-(r)ai	-are-
C 7	Isebe	Λ-le	-ΛΛ	-ali-
C 8	Amele	a-le	-al	-ale-
C 9	Bau	a-re	-ara	-ar-
C10	Panim	Λ-le	-ala	-ale-
C11	Rapting	a-t	-at	-yat-
C12	Wamas	aye arita	-ay	-at-
C13	Samosa	Age ari	-(pl)	-Λtu-
C14	Murupi	ay arieta	-ia	-(y)at-
C15	Saruga	ay	-(i)Λri	-(ta)tu-
C16	Nake	Λ ariai	-teli	-(it)iti-
C17	Mosimo	ay arita	-na	-at-
C18	Garus	ε-t	-yak	-(a)yad-
C19	Yoidik	nAg me-n pa	-(pl)	-(pl)-
C20	Rempi	nAk mey-n ba	-(pl)	-(pl)-
C21	Bagupi	ε-y	-tVli	-tVt-
C22	Silopi	εb	-nawar	-(t)at-
C23	Utu	εv	-navat	-(εt)at-
C24	Mawan	a-r	-ar, -nar	-(u)nAt-
C25	Baimak	Λti (?)	-ar	-(pl)-
C26	Matepi	εv	-(u)nar	-(t)at-
C27	Gal	εv	-ar,	-nt-
C28	Garuh	as	-las	-(y)as-
C29	Kamba	a	-las	-(t)at-

they two

		Free	Genitive	Verbal Object
C 1	Kare	keru	-(pl)	-(pl)-
C 2	Girawa	eʔi sau-g ari	-(pl)	-(pl)-
C 3	Murit	ure	-aro	-ar-, -nar-
C 4	Bemal	go zau-g al	-ar	-(pl)-
C 5	Sihan	uʔpa-re	-ʌʔ	-are-
C 6	Gumalu	hoa-re	-(r)ai	-are-
C 7	Isebe	hoa-le	-ʌʌ	-ali-
C 8	Amele	owa-le	-ale	-ale-
C 9	Bau	hoa-re	-ara	-ar-
C10	Panim	hoa-le	-ala	-ale-
C11	Rapting	aire	-at	-yat-
C12	Wamas	ay arita	-ay	-at-
C13	Samosa		-	-ʌtu-
C14	Murupi	e ari ta	-ia	-(y)at-
C15	Saruga	ilay	-(i)ʌri	-(ta)tu-
C16	Nake	ilay	-teli	-(it)iti-
C17	Mosimo	nug arita	-na	-at-
C18	Garus	inε-t (?)	-yak	-(a)yad-
C19	Yoidik	on mε-ʔ pa	-(pl)	-(pl)
C20	Rempi	εn mεy-ʔ ba	-(pl)	-(pl)
C21	Bagupi	ε-y	-tVii	-tVt-
C22	Silopi	era	-nawar	-(t)at-
C23	Utu	era	-navat	-(εt)at-
C24	Mawan	εrar	-ar, -nar	-(u)nʌt-
C25	Balmak	ʌtow	-ar	-(pl)-
C26	Matepi	ela	-(u)nar	-(t)at-
C27	Gal	bε arit	-ar	-nt-
C28	Garuh		-las	-(y)as-
C29	Kamba	uni ʌrit	-las	-(t)at-

APPENDIX B
MABUSO PRONOUNS

	Free	Possessive	Genitive	Verbal Object
KARE				
1sg	su	sut-angu	-ya, -i	-il-
2sg	nu	nun-angu	-na, -nga	-as-
3sg	noŋga, ei	nung-angu	-ungga, -ba, -a, -∅	-d-, -∅-
1pl	sa, za, ya	yey-angu	-inda	-ind-
2pl	wu	wu-angu	-a(i), -ungu	-rond-
3pl	(z)anga	ang-angu	-a(i), -ungu	-rond-
1dl	sa-amba	yey- gu	-(pl)	-(pl)-
2dl	wu-mba	wu-agu	-(pl)	-(pl)-
3dl	keru	keru-agu	-(pl)	-(pl)-
GIRAWA				
1sg	ita	ita-n	-y, -r, -l, -∅	-ir-
2sg	nΛ	nΛ-n	-n, -t	-is-
3sg	eʔi, o	o-n	-w, -k, -ʔ	-r-, -∅-
1pl	iʔe	iʔe-n	-oʔ	-oʔ-
2pl	ΛʔΛ	ΛʔΛ-n	-a(ka)	-bΛr-
3pl	eʔi	eʔi-Λn	-a(ka)	-bΛr-
1dl	iʔ naigari	iʔ-ben	-(pl)	-(pl)
2dl	a sau-n ari	Λʔ-ben	-(pl)	-(pl)
3dl	eʔi sau-g ari	Λʔi-ben	-(pl)	-(pl)

	Free	Possessive	Genitive	Verbal Object
MUNIT				
1sg	isa	isa-go	-i, -Ø	-it-
2sg	na	na-go	-n, -Ø	-is-
3sg	ugε	ug-ago	-Ø, -g, -ʔ -u	-(V)d-, -Ø-
1pl	i-gε	ig-o	-k, igi	-ig-
2pl	a-gε	ag-o	-a(ʔ)	-ad-
3pl	u-gε	ugε-ago	-a(ʔ)	-ad-
1dl	i-rε	ir-o	-it	-ir-
2dl	a-rε	εr-o	-aro	-ar-
3dl	u-rε	ugεar-o	-aro	-ar-

BEMAL				
1sg	is	is-al	-l, -y, -Ø	-ile-
2sg	na	na-it	-l, -(a)n, -t, -Ø	-ize-
3sg	gue	(ʔ)	-(a)g, -b, -Ø	-r-, -Ø-
1pl	ig	ig-al	-ig	-ige-
2pl	Λg	Λg-al	-ag	-are-
3pl	go	go-agal	-ag	-are-
1dl	ig za-y al		-ir	-(pl)-
2dl	Λg zau-n al		-ar	-(pl)-
3dl	go zau-g al		-ar	-(pl)-

SIHAN				
1sg	isa	isa-wa	-l, -(i)a, -i	-ite-
2sg	ina	ina-wa	-na, -a	-ise-
3sg	uʔpa	uʔpa-wa	-ʔ, -ba, -ku, -Ø	-ute-, -ure-, -Ø-
1pl	i-ke	ike-wa	-ike	-ike-
2pl	Λ-ke	Λke-wa	-(i)Λʔ	-ate-
3pl	uʔpa-ke	uʔpa-wa	-(i)Λʔ	-ate-
1dl	i-rε	ire-wa	-ire	-ire-
2dl	Λ-rε	Λre-wa	-Λʔ	-are-
3dl	uʔpa-rε	uʔpare-wa	-Λʔ	-are-

	Free	Possessive	Genitive	Verbal Object
GUMALU				
1sg	isa	isa-w	-i, -Ø	-ite-
2sg	ina	ina-w	-Vn	-ise-
3sg	u?pa	u?pa-w	-(V)g, -w	-ute-, -Ø-
1pl	i-ge	ige-w	-ikei	-igi-
2pl	a-ge	age-w	-(r)a	-ate-
3pl	u?pa-ge	u?pa-ge-w	-(r)a	-ate-
1dl	i-re	ir-ow	-lrei	-iri-
2dl	a-re	ar-ow	-(r)ai	-are-
3dl	hoa-re	hoar-ow	-(r)ai	-are-

ISEBE				
1sg	ise	ises-u	-i, -Ø	-isi-
2sg	ine	inen-u	-Vn	-isi-
3sg	u?pa	u?pab-u	-ag, -u, -f, -Ø	-(V)di-, -Ø-
1pl	i-ge	igeg-u	-igl	-igi-
2pl	Λ-ge	ΛgeΛg-u	-Λg	-adi-
3pl	hoa-ge	hoageΛg-u	-Λg	-adi-
1dl	i-le	ilel-u	-ili	-ili-
2dl	Λ-le	ΛleΛl-u	-ΛlΛ	-ali-
3dl	hoa-le	hoaleΛl-u	-ΛlΛ	-ali-

AMELE				
1sg	isa	isa-na	-i	-iti-
2sg	ina	ina-na	-n, -Ø	-ihi-
3sg	u?pa	u?pa-na	-ik, -ak	-uti-
1pl	ε-ke	εke-na	-ike	-iki-
2pl	a-ke	ake-na	-aka	-ate-
3pl	owa-ke	owake-na	-aka	-ate-
1dl	ε-le	εle-na	-ile	-ili-
2dl	a-le	ale-na	-ale	-ale-
3dl	owa-le	owale-na	-ale	-ale-

	Free	Possessive	Genitive	Verbal Object
			BAU	
1sg	isa	is-ow	-i	-it-
2sg	ina	in-ow	-(i)n, -Ø	-is-
3sg	uʔpa	uʔp-ow	-n, -f, -(V)k, -u, -Ø	-ut-, -Ø-
1pl	i-kε	ik-ow	-ikε	-ik-
2pl	a-kε	ak-ow	-a(ka)	-at-
3pl	hoa-kε	hoak-ow	-a(ka)	-at-
1dl	i-rε	ir-ow	-irε	-ir-
2dl	a-rε	ar-ow	-ara	-ar-
3dl	hoa-rε	hoar-ow	-ara	-ar-

PANIM

1sg	isε	sis-u	-i, -Ø	-(i)t-
2sg	inε	nin-u	-(i)a, -Ø	-is-
3sg	uʔpa		-(V)g, -u, -f, -Ø	-ud-
1pl	i-gε	gig-u	-igi	-ig-
2pl	Λ-gε	Λgug-u	-ag(a)	-ade-
3pl	hoΛ-gε	hoΛg-u	-ag(a)	-ade-
1dl	i-lε	lil-u	-ill	-il-
2dl	Λl-ε	alul-u	-ala	-ale-
3dl	hoΛ-lε	ho' lul-u	-ala	-ale-

RAPTING

1sg	sa	hahi-a	-i, -a, -ε	-r-
2sg	nage	nag-a	-n, -na, -tε	-εh-, -ah-
3sg	nugo	nug-a	-Vg, -u, -Ø	-d-, -Ø-
1pl	zogo	zog-a	-ig	-ig-
2pl	Λge	ag-a	-gar	-ad-
3pl	zou naga	zounag-a	-gar	-ad-
1dl	zo arita	zoy-a	-it	-it-
2dl	aye arita	ay-a	-ay	-at-
3dl	ay arita	ay-a	-ay	-at-

	Free	Possessive	Genitive	Verbal Object
WAMAS				
1sg	sa	hahi-a	-i, -a, -ε	-r-
2sg	nagε	nag-a	-n, -na, -tε	-εh-, -ah-
3sg	nugo	nug-a	-Vg, -u, -∅	-d-, -∅-
1pl	zogo	zog-a	-ig	-ig-
2pl	Λgε	ag-a	-gar	-ad-
3pl	zou naga	zounag-a	-gar	-ad-
1dl	zo arita	zoy-a	-it	-it-
2dl	ayε arita	ay-a	-ay	-at-
3dl	ay arita	ay-a	-ay	-at-

SAMOSA				
1sg	sΛgε	sΛg-a	-i, -ε, -∅	-(zΛ)ru-
2sg	nΛgε	nΛg-a	-nε, -tε	-su-
3sg	nugo	nug-a	-ogu, -g, -∅	-ru-, -w-, -∅-
1pl	zogo	zog-a	-igu	-(zΛ)gu-
2pl	Λgε	Λg-a	-na(na), -naga	-Λru-
3pl	guru?e (?)		-na(na), -naga	-Λru-
1dl	zogo ari		-(pl)	-(zΛ)tu-
2dl	Λgε ari		-(pl)	-Λtu-
3dl			-(pl)	-Λtu-

MURUPI				
1sg	sa	sag-a	-ya, -a, -∅	-al-
2sg	naga	nag-a	-na, -ta	-s-
3sg	nuga	nug-a	-(u)gu, -∅	-r-, -∅-
1pl	iga	ig-a	-inugu	-ag-
2pl	aga	ag-a	-iaga	-(y)ar-
3pl	inΛri		-iaga	-(y)ar-
1dl	yan gata (?)		-inu	-at-
2dl	ay arieta (?)		-ia	-(y)at-
3dl	ε arieta (?)		-ia	-(y)at-

	Free	Possessive	Genitive	Verbal Object
SARUGA				
1sg	saga	sag-a	-ia, -i, -na	-aru-
2sg	naga	nag-a	-n(a), -t(a)	-hu-, -hε-, -zε-
3sg	nuga	nug-a	-ag, -gu, -∅	-ru, -∅-
1pl	iga	ig-a	-iAg	-agu-
2pl	aga	Ag-a	-(i)gAri	-(ra)ra-
3pl	aga	Ag-a	-(i)gAri	-(ra)ra-
1dl	i:y		-iAt	-atu-
2dl	ay		-(i)Ari	-(ta)tu-
3dl	leay		-(i)Ari	-(ta)tu-

NAKE				
1sg	sag	sag-a	-i, -in	-ili-
2sg	nag	nag-a	-n, -un	-isi-
3sg	nug	nug-a	-ag, -y, -∅	-re-, -∅-
1pl	ig	ig-a	-iAg	-igi-
2pl	Ag	Ag-a	-geri	-(ir)iri-
3pl	Λ:gen		-geri	-(ir)iri-
1dl	i: ariai	iy-a	-iAt	-iti-
2dl	Λ ariai	Ag-a	-teli	-(it)iti-
3dl	ilAy	ilAy-a	-teli	-(it)iti-

MOSIMO				
1sg	sΛ	sΛhi-a	-i, -∅	-l-
2sg	nAg	nAg-a	-ne, -tε	-(u)h-
3sg	nugo	nug-a	-∅, -ugu, -ε	-(u)r-, -∅-
1pl	zogo	zog-a	-ige	-yεg-
2pl	Agε	Ag-a	-na(na)	-ar-
3pl	zouna	zounag-a	-na(na)	-ar-
1dl	zoy arita	zoy-a	-iti	-yet-
2dl	Ag arita	Ag-a	-na	-at-
3dl	nug arita	Ag-a	-na	-at-

	Free	Possessive	Genitive	Verbal Object
			GARUS	
1sg	dε ²⁸	dε-h	-Ø, -i	-εl-
2sg	neg	neg-eh	-n, -Ø	-ir-
3sg	nug	nug-eh	-Vk, -V?, -Ø	-Ø-, -ur-
1pl	i-g	ig-eh	-k	-εg-
2pl	ε-g	eg-eh	-yak	-(a)yad-
3pl	inε-g, god	inεg-eh	-yak	-(a)yad-
1dl	i-t	it-eh	-t	-εt-
2dl	ε-t	et-eh	-yak	-(a)yad-
3dl	inε-t	inεt-eh	-yak	-(a)yad-

			VOIDIK	
1sg	dΛ?	dΛ?-Λ	-y	-l-
2sg	nΛg	nΛg-Λ	-n	-di-
3sg	go, won	won-ga	-k, -?	-d-, -Ø-
1pl	yit	yit-Λ	-t	-t-
2pl	Λg	Λg-Λ	-yak	-yad-
3pl	god, won	god-ga	-yak	-yad-
1dl	dΛ nΛg pa		-(pl)-	-(pl)-
2dl	nΛg mε-n pa		-(pl)-	-(pl)-
3dl	won mε-? pa		-(pl)-	-(pl)-

			REMPI	
1sg	dΛ	dΛ-h	-Ø	-(i)l-
2sg	nΛk	nΛg-Λh	-n	-id-
3sg	nuk	nug-Λh	-(V)k, -l, -Ø	-Ø-, -d-
1pl	it	it-Λh	-t	-it-
2pl	hΛk	hΛg-Λh	-get	-yad-
3pl	god	god-gΛh	-get	-yad-
1dl	dΛ mεy-Ø ba		-(pl)-	-(pl)-
2dl	nΛk mεy-n ba		-(pl)-	-(pl)-
3dl	en mεy-? ba		-(pl)-	-(pl)-

	Free	Possessive	Genitive	Verbal Object
BAGUPI				
1sg	seg	sag-a	-y, -n, -Ø	-l-
2sg	neg	nag-a	-un	-s-
3sg	nug	nug-a	-Vg, -Ø	-r-, -Ø-
1pl	i-g	ig-a	-(g) iag	-g-
2pl	e-g	eg-a	-gVri	-rVr-
3pl	egchun	eg-a	-gVri	-rVr-
1dl	i-y	iy-a	-iat	-t-
2dl	e-y	ey-a	-tVli	-tVt
3dl	e-y	ey-a	-tVli	-tVt-

SILOPI				
1sg	seg	say-ay	-i	-(r)er-
2sg	neg	nag-an	-un	-s-
3sg	nug	nug-ag	-g, -u, -Ø	-r-, -Ø-
1pl	ig	ig-ag	-ieg	-(r)eg-
2pl	eg	eg-ag	-nagar	-(r)ar-
3pl	esa	eg-ag	-nagar	-(r)ar-
1dl	ii		-yet	-(t)et-
2dl	eb		-nawar	-(t)at-
3dl	era		-nawar	-(t)at-

UTU				
1sg	sek	sag-a	-i, -Ø	-zEr-
2sg	nek	nag-a	-(u)n	-es-
3sg	nuk	nug-a	-k, -ag, -n, -Ø	-r-, -Ø-
1pl	ik	ig-a	-izek	-zeg-
2pl	ek	eg-a	-nagar	-(er)ar-
3pl	esa	esa-ga	-nagar	-(er)ar-
1dl	i:	iz-a	-izet	-zet-
2dl	ev	ev-a	-navat	-(et)at-
3dl	era	eraer-a	-navat	-(et)at-

	Free	Possessive	Genitive	Verbal Object
MAWAN				
1sg	hak	hag-i	-i	-Vl-
2sg	nak	nag-i	-(a)n	-Vh-
3sg	nuk	nug-ak	-ag	-(u)r-, -Ø-
1pl	i-k	ig-ak	-(i)eg, -rēg	-(r)eg-, -ig-
2pl	a-k	ag-ak	-ari, -nag	-(u)nAr-
3pl	esa	ag-ak	-ari, -nag	-(u)nAr-
1dl	i-r	ir-a	-(i)et, -ret	-(r)et-, -it-
2dl	a-r	ar-a	-ar, -nar	-(u)nAt-
3dl	erar	erar-a	-ar, -nar	-(u)nAt-

BAIMAK				
1sg	sak	sa-iki	-Ø, -i	-r-
2sg	nak	na-iki	-(u)n, -Ø	-s-
3sg	nuk	nug-ak	-Vk, -f, -Ø	-d-, -Ø-
1pl	ik	ig-ak	-(i)ek	-k-, -Ø-
2pl	ak	ag-ak	-agAt, -nak	-vatu-
3pl	Akuhun	ag-ak	-agAt, -nak	-vatu-
1dl	iatī		-(i)et	-tu-
2dl	Ati (?)		-ar	-(pl)-
3dl	Atow		-ar	-(pl)-

MATEPI				
1sg	seg	sag-a	-Vl	-il-
2sg	neg	nag-a	-Vn	-ih-
3sg	nug	nug-ag	-(u)g, -Ø	-r-, -Ø-
1pl	ig	ig-ag	-Vleg	-ig-
2pl	eg	eg-ag	-(u)naga(r)	-(r)ar-
3pl	esa	egag-ag	-(u)naga(r)	-(r)ar-
1dl	i:		-let, -itet	-it-
2dl	ev		-(u)nar	-(t)at-
3dl	ela		-(u)nar	-(t)at-

	Free	Possessive	Genitive	Verbal Object
GAL				
1sg	sa	sa-gi	-l, -i	-r-
2sg	na	na-gi	-Vn, -m, -p, -t, -Ø	-s-
3sg	nug	nug-ag	-Vg, -Ø	-r-, -Ø-
1pl	ig	ig-ag	-iləg	-g-
2pl	ʌg	ag-ag	-Vl, -gar	-nd-
3pl	inag, beag	inag-ag	-Vl, -gar	-nd-
1dl	i:		-ilət	-t-
2dl	ev		-ar	-nt-
3dl	be arit		-ar	-nt-

GARUH				
1sg	da	hi-Ø	-l, -Ø	-ir-
2sg	na	hi-p	-n, -p	-id-
3sg	nug	h-ug	-ug, -u, -p, -Ø	-id-, -Ø-
1pl	ig	ha-nig	-nig	-ig-
2pl	ʌg	ha-lag	-lag	-(y)ad-
3pl	ohip	ha-lag	-lag	-(y)ad-
1dl	is	ha-nis	-nis	-is-
2dl	as	ha-las	-las	-(y)as-
3dl			-las	-(y)as-

KAMBA				
1sg	da	si-l	-l	-il-
2sg	na	si-p	-n, -t, -m, -p	-ir-
3sg	nug	si-g	-(V)g, -Ø, -f	-ur-, -Ø-
1pl	ig	sʌ-nig	-nig	-ig-
2pl	ag	si-lag	-lag	-(l)ar-
3pl	uni, pe	si-lag	-lag	-(l)ar-
1dl	i	sʌ-nit	-nit	-it-
2dl	a	si-las	-las	-(l)at-
3dl	uni arit	si-las	-las	-(l)at-

APPENDIX C

	Possessive Marker	Negation Marker
C 1 Kare	-angu, agu (dl)	i-
C 2 Girawa	-(^n, -ben (dl)	ba-
C 3 Munit	-ago, -go, -o	ta(l)-
C 4 Bemal	-al, -it (2)	i-
C 5 Sihan	-wa	beita-
C 6 Gumalu	-w, -ow (dl)	pei-
C 7 Isebe	-u	pɛ-
C 8 Amele	-na	pɛ-
C 9 Bau	-ow	pɛ-
C10 Panim	-u	pɛ-
C11 Raptng	-o	pi-
C12 Wamas	-a	pi-
C13 Samosa	-a	i-
C14 Murup1	-a	pi-
C15 Saruga	-a	pi-
C16 Nake	-a	i-, pira-
C17 Mosimo	-a	pi-
C18 Garus	-eh	p -
C19 Yoidik	-^, -ga (3, 6)	pi-
C20 Rempi	-^h	pi-
C21 Bagup1	-a	pi-
C22 Silop1	-ay (1), -an (2), -ag	pi-, kwi-
C23 Utu	-a	pi-, kwi-
C24 Mawan	-i (i, 2), -ak, -a (dl)	pi-
C25 Baimak	-iki (1, 2), -ak	pi-
C26 Matep1	-a (1, 2), -ag	pi-
C27 Gal	possessive noun	pi-
C28 Garuh	possessive noun	i-
C29 Kamba		pi-

APPENDIX D

LIGATIVES

Kokon Family

Girawa	-m-, -n-, -r-,	-y-	-ø-
Munit	-m-, -n-, -r-,		-ø-
Bemal	-m-, -n-,	-l-, -p-,	-ø-

Gum Family

	-m-, -n-,		-ø-
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Hanseman Family

Silopi	-m-,		-ø-
Utu	-m-,		-ø-
Mawan	-m-, -n-,		-ø-
Baimak	-m-, -n-, -r-,		-ø-
Matepi	-m-, -n-,		-ø-
Gal	-m-, -n-, -r-, -l-,		-ø-

APPENDIX E
PLURAL AND DUAL PRONOUN FORMATIVES

	Plural	Dual
C 1 Kare		-(a)mba
C 2 Girawa		noun
C 3 Munit	-ge	-re
C 4 Bemal		noun
C 5 Sihan	-ke	-re
C 6 Gumalu	-ge	-re
C 7 Isebe	-ge	-le
C 8 Amele	-ke	-le
C 9 Bau	-ke	-re
C10 Panim	-ge	-le
C11 Raptng	-k	-t
C12 Wamas		
C13 Samosa		ari (<i>two</i>)
C14 Murupi		arieta (<i>two</i>)
C15 Saruga	-ga	-y
C16 Nake	-g	-Ø ariai (<i>two</i>)
C17 Mosimo	-gV	-y arita (<i>two</i>)
C18 Garus	-g	-t
C19 Yoidik		noun
C20 Remp1		noun
C21 Bagupi	-g	-y
C22 Silopi		
C23 Utu		
C24 Mawan	-k	-r
C25 Baimak		
C26 Matepi		
C27 Gal		
C28 Garuh	-g	-s
C29 Kamba	-g	-Ø

NOTES

1. Z'graggen 'Classificatory and Typological Studies in Languages of the (Western) Madang District' was submitted in 1969 as a doctoral dissertation to the Australian National University, Canberra, and published in 1971 with the inclusion of an additional chapter on the languages of the Astrolabe Bai area (104ff) and an expanded chapter of the Mabusu languages (pp.23-30).
2. The Gum Family was previously called the Baian Family.
3. The Proto-Oceanic forms are taken from Grace (1969) with some amendments and updating by Pawley.
4. Compare those forms also with the word for 'man' or 'woman' (p.1) respectively and 'child' (p.2).
5. Forms given with no indication of morpheme divisions are used as vocatives.
6. Most forms for 'hair' are the same as or similar to those for 'feather'.
7. In order to obtain the words for 'belly' and 'stomach' the Melanesian Pidgin words *bel autsait* and *bel insait* were used. For 'stomach' the same word as for 'excrement' was given in most cases (see p.39).
8. The words 'heart', 'liver', 'lung' were extremely difficult to obtain. It is doubtful if the right forms were given.

9. Two species of opossums were distinguished, those living in trees and those living on the ground. The colour of the fur appears to be another distinguishing factor.

10. Compare with '*smoke*' (p.69).

11. There are several types of '*arrows*' in New Guinea cultures which are differentiated according to the head of the arrow. The author distinguished the following types: 196a plain with one point; 196b with several prongs; 196c with a piece of bamboo or wood joined to the head of the arrow; and 196c with hooks on either side.

12. The word *tibut* is the name of a spirit used for Europeans. Compare also with '*skin*' (p.33).

13. Compare with '*teeth*' (p.18).

14. Compare with '*water*' (p.80).

15. The demonstratives '*this*' and '*that*' were elicited with reference to the investigator, i.e. '*this*' close to the investigator and '*that*' further away. The same holds for '*here*' and '*there*'.

16. There are different roots for the verb '*to give*' and some of the other verbs which were systematically studied for their relationship to the object. Most of the root forms are object-bound. The person of the object is given in brackets following the verb root (see p. xiii). The unmarked forms go with the rest of the object persons.

17. The intransitive verb '*talk*' consists of word + verb.

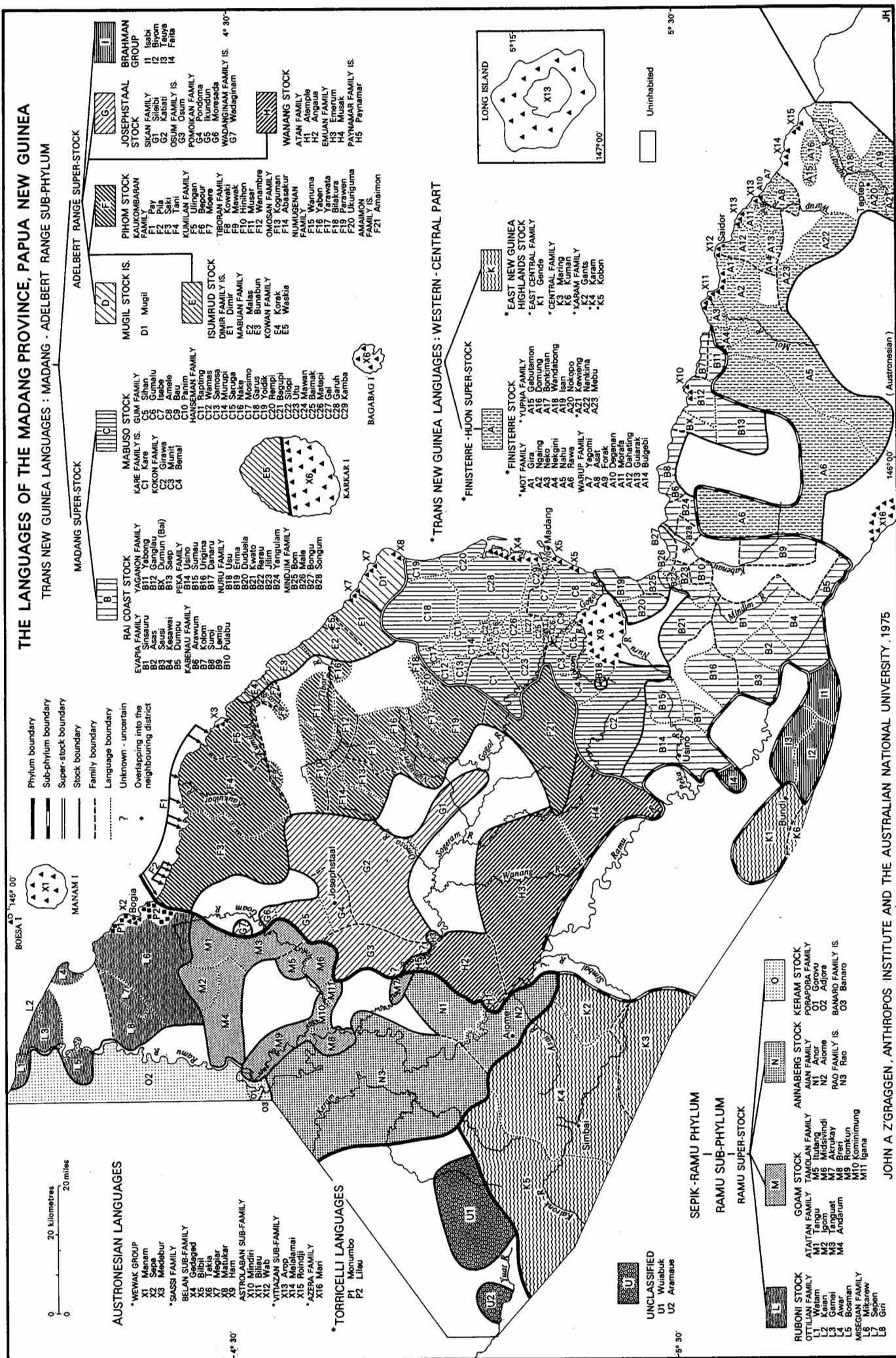
18. Compare with '*water*' (p.80). In a number of cases no difference is made between transitivity and intransitivity.

19. The verb '*carry on shoulder*' was elicited in the sense of '*a man carries a child on his shoulders*', and the object was changed for different pronouns.

20. Compare with '*burn*' (p.142).

21. The verbs '*make*' and '*put*' were frequently given as synonyms.

22. Compare with '*garden*' (p.70).
23. Compare with '*hear*' (p.134).
24. Compare with '*go down*' (p.126).
25. The verb '*singsing*' consists of the noun '*song*' + verb.
26. Compare with '*kill*' (p.142).
27. (pl) indicates that the corresponding plural pronoun form is taken.
28. *da* and *de* fluctuate.



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