

**PHU KHA, XÁ PHÓ, MANTSI, COONG, SILA, LAHU, HANI,
AND PROTO-LOLOISH DATA LIST**

<u>Gloss</u>	<u>Phu Kha</u>	<u>Xa Pho</u> ¹	Xa Pho 2	Mantsi Meo Vac (Vietna m)	<u>Mantsi</u> <u>Muyan</u> g (China)	<u>Coong</u>	Phu noi (Jim my G. Harr is)	<u>Sila</u>	<u>Black</u> <u>Lahu</u>	<u>Hani</u>	<u>Proto</u> <u>-L</u>	<u>Re</u> <u>fer</u> <u>en</u> <u>ce</u> <u>2</u>
1 self design ation	phu31 kha33	la21 ftu 44	la21 o4 4	mã53 t si53	mo31 ndzi31	tshaŋ3 3 a33		ko35 za3 1 su31 o r ko35 z a31 ?a33 ma33		ha33 ni55 za31		
2 Vietna mese	ju31 lu 33 kha 33		bɔ21 kh e33	bɔ21 p he44				kiu33 a3 3 ma33		tɕu33 tɕi5 5 za3 1		
3 Tay	bu35 u 53 kha 33		ŋge21 l o22					pi33 tɕhe 33 ?a33 ma33		bi33 tɕhu5 5 za3 1		
4 Nung	a35 ɕa p53 kh a33									coon g xa3 1 by5 5 by5 5 ɕy5		

¹Xá Phó data have not been phonemecized.

²Reference numbers for Proto-Loloish forms are from Bradley (1979).

5	Hmon g	i33 gu3 1 ma31		miau33									5 mje3 3 tsɿ 33 za 31
6	Dao	su31 b ja31		tsha54 khɬaŋ22									khiau55 ʔa33 ma 33 zu33 zu3 3 za3 1 lahu kha5 5 kø3 3 za3 1
7	others												1 silax a31 b y55 b y55 na33 ʔ
8	Chinese			khu54 s u44		mo31 xaŋ31							
9													
10	sky	ndzɿ53 ma33	mu33 t hu44		mua53	mo31	muŋ3 1	mi31 tha 31	mo53 tha3 1?	u31?	mo2		32 1
11	sunshine	m31 m 33	mo33 t hu21 du 33\44		muo53 pui31	mo31 pei13	muŋ3 1 tsha 55 tsh	mi35 sa3 5 so31	mo53 tsha 33	u31 t sha5 5 tsu	tso1		33 8.1

						ɔ31 e5 5				31?		
1 1	sunshi ne	m̄31 m̄ 33	mo33 t̄ hu21 du 33\44								pu1	33 8.2
1 2	moon	la33 ba 33 ma3 3	kh→a33 ba33 [k h\kh→]	lo44 pɔ 53	lie13 p ɔ31	pi33 l a55		pe33 le3 3	ha33 pa31 ?	ba33 lha33	b'la3	31 8
1 3	sun	ndzɿ53 ma33	nɛ33 g u33 ma 33 [g\ʃ]	mua53 pui31	mo31 pei13	muwɿ3 1 nuwɿ 55	hmu 31h ni13	ni35 ze3 3	mo53 ɳi33 ?	nuw55 ma3 3? or lo35 ma3 3?	mo2	31 7.1
1 3	sun	ɳ35 nd zɿ31 m a33	nɛ33 g u33 ma 33 [g\ʃ]								C- dim1	31 7.2
1 4	star	tsɿ33 m i35	nɛ33 g u33 kh →a33 ba 33 ma3 3 [g\ʃ,k h\kh→.b \v]	mu22 k li22	mua53 tɕi31	mo31 t ɕi13	pi31 k u55	mi31 ki3 5	mo31 ? kə3 3	a31 k u55	C- gray 1	31 9
1 5	rainbo w	tsa13 t̄ ɕhi33			mua53 phia44		pe55 j oŋ31 p e33 tɕ		mo53 ha53 ɕi33	buw55 ta55 lu5	Si3	32 2

						a55 la ŋ55 ko ŋ33		guu3 1	5 tɕh u33\ bɣ55 ta55 lo55 mɔ3 3			
1 6	earth	ŋ31 thɬ u35	mi33 k h-a44 [kh\kh-]	nun22 ɕ i54	mie31 miɛ13			mi35 se3 1	mi31 ka31 ?	?- mre1	32 3.1	
1 6	earth	ŋ31 thɬ u35	mi33 k h-a44 [kh\kh-]			muuŋ3 5 tʂha 31	hmi 13 t oŋ1 3	mi35 se3 1	mi31 ka31 ?	tʂa2	32 3.2	
1 7	day	an33 th a35	E 55a3 3nɪ33ba 33\44 [b\v]		mua53 ɲe31	nu33 ko55 l oŋ55		ni33 kɔ3 5	mɔ31 hɔ53 ko33	nɔ33 ? 3	(?)ne 3	46 1
1 8	night	am33 t suu31	ɛ55 a2 ɲe21 ba 33 [b\v]		mia31 t ɕhã312 te35	muu31 ki31 t aŋ55		mɛ33 lɔ3 3	mɔ53 phu 31?	sa55 xɔ33\ u31 t ɕi31?	?- rakL	46 2
1 9	dust, soil	mi35 khu31	tɕhe21 nda33, t ɕe'55\2 14nda3 3		miẽ31 pue53			mi35 sa5 5 ʔa33 m e33	mi55 tʂa3 1ʔ mi 33 lh y33			

2 0	mud	ŋ33 tʰu 35 ɛ31 lɛ31 m a31		mie31 bie35	mie13	loŋ55 ten55	iŋ33 pot 31	mi35 nɔ3 1	ny35 tse3 lʔ ne 53?	kha5 5 be3 3ʔ\kh a55 b je33?	(m)- catH/ L	33 5
2 1	cloud	m̄31 m i53 so3 1		mua53 mõ35	mo31 mu53	tʂaŋ55 sø31	tsəŋ 31 t ham 31	mi31 khi 31	mɔ31 ʔ fi3 5	tɕo31 xɔ31	mo1	32 0.1
2 2	wind	m̄31 tʂ a53	mu33 nɛ33 kh u33 ba 44 [b\ʋ]	lo53 tʂ hɔ44	la53 tʂ ɔ33	xuun55 man5 5		li35 me3 3 xɛ31	mu53 ho33	u33 l hɛ55	le1	32 6
2 3	thunde r	m̄31 ku o33 ku o33	mu33 t hu55 tu 21 wa3 3 [w\ʋ\ b]	mua53 thei44	mo31 t høi44	muŋ5 3 tɕe3 1		mi31 me 31 me31	mɔ53 to31	u31 t ɕi31 tɕi31	gyan 2	32 7.2
2 4	lightni ng	a35 lu5 3 thʰi3 1 pu31	mu33 g u21 li2 1 ba33 [ɣ\w\ʋ]	mua53 mia35	mo31 mia55 tɕøi53 sandhi	muŋ3 1 mia n31		sɔ31 tu3 1	mɔ53 pe31 ?	u31 mjɔ3 1 mjɔ 31	b- lyap L	32 8
2 5	hail	ma35 ʔ a31 tʰu 33 ma3 1		ðo53 m ua53 lj e31		ho55 l o31 ka 33 i55		ʔu35 lɔ3 3 le33	va35 ho53 tɕhe5 3ʔ ɕi 31	xu55 lu33 a55 s i31	wa2	32 5

2 7	rain	ma35 h a31 ha 31	mɔ33 li 21 va44 [v\b]	mɔ44 e 55 a22	mua53 lje31 lj e53	ʒe13 (water)	muŋ31 ho55	ba3 1 ho 13	mu31 ? u35 ?u3 5	mɔ53 ze31	u33 j e55 j e55	r- ywa/ we1	32 4
2 8	fog	mɔ31 m i35 so3 1	moŋ33 tɕhu55 tɕhu21 va44 [v \w]		mua53 mo35 t u53	mo31 mu53			mi31 khi 31 ?u35 si31	mɔ31 ? fi5 3 tɕh a53 u 1?	mu5 5 xa3 3 tu3		
2 9	frost	wa31 z u33				va31	tɕhu35 ma31 kai35		ni35 lo3 3	tɕe33 ɣu3 1	xa33 ɳe55		
3 0	lake	zu33 x u31					jaŋ35 khoŋ5 3 loŋ5 3 thim 31		bo35 ?o3 1		lo33 ma33 ?		
3 1	pond		ŋa?55 d u33\44		ŋua53 ʒe31 th ã53?	la53 th aŋ31			lu33 me 33	tɔ33 lo33	xɔ33 bɔ33 ʔ\lo3 3 bɔ3 3?		
3 2	water	i35 dʒa 53	a44 fo3 3 [f\w]	?i21 a2 1	ʒe31	ɔ44	laŋ55	laŋ1 3	?i35 so3 1			re1	33 6.1
3 2	water	i35 dʒa 53	a44 fo3 3 [f\w]	i21					?i35 so3 1	u35 ka53 ?	u55 t ɕu31 ?	?- grak H	33 6.2

3 3	fire	mi13 t u31	mi44		mi53	mi31	mi31 t sa31 a ŋ55 th o31	bi31	mi31	mi21 2	a33 d za31 or mi 31 ts a31	C- mi2	32 9
3 4	rice (paddy)	tjaŋ31	tɪŋ33\4 4naŋ33 \44		nɔ53	na31 u nique word			te35 kɔ3 1	ti33 mi33		can1	28 0
3 4	wet field	tjaŋ31	tɪŋ33\4 4 naŋ33 \44		nɔ53	na31 ljaŋ55 za55			te35 kɔ3 1	ti33 mi33	hja55 de33 ?	?- dan3	41 5
3 5	dry field	ha31	na24?	tɕhi55 t he22 le 44 sɔ21	sɔ312	ɕɔ44 pi 13	puŋ31 thai55 ja55		za35 kɔ3 3	pe31 ha33	to55 hja55	r-ya1	41 4
3 6	land, infertile	ha31 d u35 kh a31	mi21 xa 44 ma2 1 na55 da33										
3 7	paddy wall	tjaŋ31 khu33	tɪ33 na 33ɛ21h ã55		nɔ53 qã 31	na31 k aŋ13			te33 khɔ 35	mi31 ? ka3 1 ma 31? n a33			
3 8	garden	ga35 ts u31	ma33 f a33		vã53	yaŋ31 khø13	khan3 3 sen3 3		za33 kha 33	khu3 3			
3	mount	bu31 m	bo21 kh		pu31	pei13			ʔi33 su3	qhɔ3	mi55	kaN1	31

9	ain	bu33 k ha31	-u33					1	3 m	gə31 u31 \ gə3 1 tu5 5	2
4 0	cliff, large rock	fja31	fu33 ku 33ma33		pa44			lɔ33 kha 33	ha35 gu33	xa31 lu33 ɣa31 tɕe55	
4 1	dam	i35 ja5 3 lje33						ʔi33 sə3 1 mi33 s i33	u31 ka53 pi33 tɕho5 3 gu 31	u55 tu33? tu33 ʔ tse 31?	
4 2	river	i35 ja5 3 ɣu35 kha31	i33 dʒu 44	i21 tɕh u44	lā53	laŋ31	hu33 ma55	laŋ1 3 ba 33?	mə31 te3 3 ʔa31 l u31	lɔ31 u212 ba31\ je31 ma33 ʔ	laN1 31 4
4 3	sand	lu31 ɕi 35	lu33 hi44		ne53		muŋ5 5 si31	sai3 1	sa31 ba3 5	tshe5 3 mi 31 5 ɕe5 \mi5 5 ɕe5 5	say2 33 4
4 4 4 5	cellar- wine' cave	ʂa31 d u31	f'21 d'3 3			lu44 m ɔ13 tsu	loŋ33 xon31	kho n31	lo33 kha 33	ha35 ku21 ɣa33 xo31	

	u31	3		o13 tɕu	xoŋ31	ŋ31	33	ku21	xo31		
				31		ka3		2 ha3			
						3 lo		5 qho			
						n13		53			
4 6	grave	lje33 b u31	tʃhç21b ç33bç3 3	fue53				tu31			
								pho3			
								3			
4 7	gravey ard	i33 ba3 1 mi35					a35 ka31	tu31	cxo3		
							lu31 to	pho3	1 yu		
							35	3 de3	55\tu		
								3	31 bj		
									u55		
4 8	ditch	u33 za 31		ze31 q ho312	ze13 k a44	lan55 ka55	lan1 3 ts a13	so31 ku 33	u31 kha5 3	na31 ca33 to33?	
										po33	
										?\u5	
										5 tu3	
										1	
4 9	pond 'fish'			la53 th aŋ31							
5 0	well	i35 dja 53 tu31		o44 tu 44				u31 ka53 ? tu3 1 lu3 1			
5	room	he33 b		qhuã44	thoŋ44	thim5	aŋ3	to33 lo33	ze31	ba33	m- 34

1		u33			5 hoŋ5	3 ho		te53	lɔ33ʔ	baN2	3	
5	bridge	t̪cho31	dʒç21	t̪cho53	koŋ44	xo55		kheu31	t̪cu31	lɔ55	dzam	39
2										dzu5	1	3
5	fire	mi35 t	mi44	mi53	mi31			mi31	mi21	a33 t		
3		u31							2	sa31\		
										mi31		
										tσα3		
										1		
5	gold	çi31		çi312	xi44	su55	kha	xu35	çi33	(phu	s-	40
4							m31			55) ç	rwe1	2.1
										u55		
5	silver	tshu31	kh-ue2	phiu31	phiu13	phiu5	phju	fo35 ma	phu3	phu5	plu1	40
5			1 kε55	2		5	13	35	3	5 ma		1.1
			ma33							55		
5	copper	thō31	gǰîŋ33	kua53	thoŋ31	toŋ31		ki31	gu53	ku31	gre2	40
6			pa55						t̪çi3	çu5		4
									3	5\ k		
										u31		
										na33		
5	iron	thji31	la33 kh	xue312	xøi13	sam55		nε35	çu33	çu55\	xam1	40
7			ε44							çu55		3
										khɔ3		
										3		
5	nitre	çim31		sɔ44				ʔi35 ze3				
8								1				

5 9	salt	tshan3 1	tsha44 miŋ33		so44	so44	a33 t u31		se31 lo3 3	tsha5 3	tsha3 1 dɣ 31?		
6 0	stone	ndu31 kha31	lu53 k hu33	lu54 k hu44	lu44 m o31	lu44 m o13	lu55 ma55	la31 phu 33 ɸ i31	lo31 fo3 1	ha35 ɕi212	xa31 ʔ lhu 33?	k- lokL	33 7.1
6 0	stone	ndu31 kha31	lu54 k u33	lu54 k hu44	lu44 m o31	lu44 m o13	lu55 ma55		lo31 fo 31	ha35 ɕi212		C- rakL	33 7.2
6 1	ashes	mi13 k hu31	mi44 k hu33 [k h\ɣ]		lua312	lo13	ha55 l u55		kha31 le 35	qha3 1ʔ tɕ hi31	xa31 lhe55	C- -kap L	33 1.1
6 2	ash ·in burnt field'				lua312 tu53	ze31 lo 13							
6 3	above	nu33 k hu33	o21 thɕ 24		tho35ʔ	i44 do ŋ13	tha35 ŋai53		na35 tha 31	a31 t ha53 ʔ poo 212	a31ʔ na33 pho3 3?	takH	44 9
6 4	below	ndzu33 khu33	o21 khɕ 24 [kh\ kh-, ɕ\ uɕ]		qhua31 2	i44 tɕu 13	o35 ŋa 53		na35 o31	a31 h o35 p o212	a31 k u33 pho3 3?		
6 5	outsid e		ɕ21 ɕ33 \ ɕ24		ɣo31 th o24		aŋ35 t ha55 ŋ a53		na35 a55 nu55	an33 tsa53 po21 2	tso31 ni55 pho3 3?		
6	inside	i35 kho	e21 ka3		tɕu53 x	tɕu13 k	ha55 ŋ		no33 lo3	a53 q	xo55	klo1	45

6	31	3 tu44		̄44	aŋ13	a53	3	o33 p o212	tɕhi3 3 pho 33?		1
6 year 7	t̄ɕɛ35 k hu53			kho35	khu53	ho33 l aŋ31	si31 ni33	qho3 l?	xu31 ?	s- nikH	47 7.2
6 year, 8 this		ɛ33 a21 khu21 wa33 [w\v\ f		mue44 kho35	me44 k hu53	ɲam3 1 nu5 5	suu31 nu 33	tɕə35 ni35 qho3 l?	tshe3 1 nɔ3 3 xu3 l?		
6 year, 9 next	a31 nja 31 khu 33	a21 nɛ4 4 khu33		ŋga31 kho35	ŋga13 khu53	nu33 kha33 ma55	ni31 a33 ma35	ni35 ha35 qho3 l?	xa3i? la31 pha5 5\ɲa 31 xa 33 xu 31?		
7 year, 0 last	in33 kh wa31	aŋ21kh ua24		nie44 k ho35	ni44 k hu53	mi55 nu33 l a55	?i31 nuu3 3	a35 ɲi33 qho3 l?	mi55 nɔ33 xu31 ?		
7 year, 1 new	tʃɛ35 k ho31 i3 3 suu31	ɛ21khu 55ɛ33sɪ 33ma33		kho35 ni35		ho33 l aŋ31 a ŋ33 s u31			xu31 ? ɕu 31?		
7 today 2	an33 th ʃa35	ɛ44 a33 ni21 va 44		mia44 nie44	mu44 nie44	ɲaŋ31 loŋ55 koŋ55	za31 ni3 3	za31 ? ɲi3 3	i31 n o33?	yakL	46 6

7 3	yester day	un33 t hɬa35	aŋ53 th a44	ni312 n e53	ni44 n e31	mi31 noŋ33 koŋ55	ʔi31 nɪ3 3	mi31 nɪ33	mi55 nɔ33 ʔ	ʔ'mi 1	47 0	
7 4	tomorr ow	a33 dji 31 hu3 1	a21 hu 53ʔ	ŋga31 nɛ31	ŋga13 nɛ44	nəŋ33 so33 l a55	me33 ne 33	na35 po21 2	na33 ɕɔ31	ʔ- praN 2	47 3	
7 5	day after tomorr ow	ɕan33	pha33 h u53ʔ	so53 nɛ 31	so53 z a44	nəŋ33 so33 sa33 p he31	ha35 fi3 1 ni33	pha5 3ʔ nɪ 33	sa55 phe5 5 nɔ3 3ʔ	pakH	47 4	
7 6	day before yester day	huun31 thɬa35	pha33 s a44 hu 53ʔ	u44 nɛ 31 a44 nei53	nie13 nɛ53	hu31 noŋ33 koŋ55	fi31 ni33	u53ʔ go th e31ʔ nɪ33	a31 mi55 xu31 nɔ33	ʔ'Sik H	47 2	
7 7	night	am33 t su31	mu33 t hi21 th a44	mia31 t ʃhā312 te35	mɔ31 k hui53	mu31 khi31 taŋ55	hmu 31 a ŋ33 da3 3ʔ	me35 lo3 5	mɔ53 phu 31ʔ	u31 b a33 b a33 t ɕy55 tɕy5 5\u3 1 sɔ3 3ʔ		
7 8	dayti me	an33 tɬ a35	nɛ33 tɕ 33 pu4 4	mua53 nɛ53	nie53 koŋ24	nun33 koŋ55	ni31 kɔ3 3	mu x ɔ35 k o31	nɔ33\ na33 ɣɔ55			
7 9	morni ng, early		xuŋ21 puŋ44 thɔ32	mua53 nɔ44	mo31 nɔ44	saŋ31 tha33 nɔ55 l		mu31 ɕo35 nɔ31				

		tha33			na55 l e55		na31 ?				
8 0	morni ng, late or noon	an31 jε 33 xu3 5					na31 ma 31 ma31	na31 γɔ33			
8 1	aftern oon	m̄31 s u33 lje 31	mu33 t çhi21 tç hε33\44	mua44 ndzā44 tso53	mu44 t çhi44 z a31	khi31 sen55	khi31_ th u33	mɔ53 ha35 khu 31	u31 t çei33 tçei33 thɔ3 3?		
8 2	(this) evenin g	ça31 ɬu 35	mu33 t i21 tha 44	mua44 khui35	mu44 khui53	mu31 khi31 la55				?- kutL	46 8
8 3	right	a35 d̄z a31 ɬu 35	zau21 p u´55? \ za21 au 21 pu´? 55	vi53	ve31	a33 m a55	la31 ma3 5	la31? fu2 12	a33 ma55 phɔ3 3?\u3 1 khi 31?	s-ya1	44 5.1
8 4	left	a35 fi3 3 ɬu35	fi55 au 21 pu´5 5?	piā35	pian̄53	a33 tç ha55	la31 wu3 1	la31? ze31 ?	a33 t çha5 5 phɔ 33?	b- way2	44 6.1
8 5	forest	su31 ɬj ε33	bç21 m a33	zō31	phon̄13	pje31 ko31 l on̄55	son̄ 31 k 33	so31_ kha qa33	sa53 sa31 xa33 ?		

8 6	bambo o	ma33 ma33			mɔ31 mɔ13	ha31 n e55		vɛ31 pɔ3 5	va53	xa31 khɔ3 l	wa2	29 5	
8 7	tree	suu31 ma33	si44 ma 33 [sʃ]	se54 kh ʔa54	si35 pā 53	si53	aŋ31 t ɕuuŋ55	tsiŋ 13	suu31 tɕ u35	sɤ53 mɔ31 tɕɛ3 l	a31 b ɔ55 s o31 z a31\va 31 bɔ 55 to 31 k ha31	sikH	30 3
8 8	tree trunk	i33 sa3 l ku31 lu31	ʃi44 ma 33 ɛ33 ɔ33			si53 m ɔ31	aŋ31 l am31	aŋ3 3 tsi ŋ13 tso3 3?	suu33 tɕ u35 a31 pɔ35	a31 b ɔ55 t sɔ33 mɔ33 \a31 bɔ55 ɣɔ33 mɔ33			
8 9	thorn	nd̄zu33	tʃu55? ma33 \ tʃə55? ma33		ŋā44	ŋaŋ44	tɕhu53 tɕhu3 l	tsh u31	ʔa31 tɕh ui35	a33 t shu3 3	a33 k ɔ55	cu2	30 7
9 0	flower	i53 vi3 l	ɛ33 vi5 5		zi35 lu o53 vu e44	vei44	pje35 ko31 l oŋ55	aŋ3 3 va t33	ʔa31 je3 ɰ za35 kha	sə53 ve53 ?	a55 j ɛ33? ?	k- watH	30 1
9	grass	u33 ma	na33 ŋo		tu53	ze31 ŋ	mo31		za35 kha	ha33	xa55	©-	30

1	31	33 [o\ʉ]			o44	ka31		33	mɔ31	mu31	mruk	2
										ʔ\ɣja	L	
										55 m		
										u31?		
9 moss	tɕhin33				ku31 n	ʔu55 z		ʔu35 tɕh	ə33	u55		
2	thɬai 3				oŋ53	u33		u33 lu33	me31	xjɔ31		
	3									ʔ		
9 fern						ta55 p	kha	ta35 lɛ33	da31	ta55\		
3						hja31	n33		ka33	da55		
							te13			lɛ33?		
							kha					
							ŋ31					
9 cogon	la31 ɕi	khla33s		ze53 tu	ɕe31 tɕ	lai31 i		ʔe31 the	zə53	u31\		
4 grass	35	i55 [khl		53	ie13	55		31	tɕhe3	i31 t		
		\l, s\ʃ]							l	ɕi55		
9 leaf	i33 pɕa	ʃi33 kh	se22 kh	phia35	phia53	ʔaŋ53	tsiŋ	ʔa35 fa3	a33 p	a55 p	C-	30
5	31	a44	ɬa44			tha31	13 p	ɿ	he31	a31?	pakL	5
							ha3		ʔ			
							l					
9 seedli	i35 lja	tʃhe21 s				an33 j		kɔ33 ze3		a55 n		
6 ng	31 ka3	ɛ33 va4				u33 p		l		u31 s		
·rice'	1	4				jai35				e31		
9 rice	tɕhi31	tʃhe21		qhɔ312		ko31		kɔ33 ne3		tɕhe5		
7 spike	mi35 i	no44		ne312		nam5		5		5 nu		
	53 nu3					5				55		
	1											
9 vegeta	i33 tɕa	o21 pu5	u21 gu5	ɣā53 n	ɣaŋ31	tɕai31	kha	ku31 ni3	nɔ33	ɣɔ33		

8	ble ,green	31	4	4	ua312	ɲuŋ55	ŋ31	5		tsø31 ɣə33 ɔny5 5		
9	cabba	i33 t̃ca	o21 pu5		ɣã53 q	ɣaŋ31	ka3	ku31 thi	ɣə53	pəp5	raN2	28
9	ge green	31 ɬu3 3 ma33	4 ʃo33		u44	phiu1 3	1 la m31 pi3 1?	33	t̃ca35 phu3 3	5 kai 55 a3 3 si3 1\ɣə3 3 pa5 5 ɣə3 3 tə3 3?		2
1	mustar d plant				ɣã53 su 44	kaŋ33 ma55			ɣə53 phi5 3 t̃ca 35	xə31 ? pa3 1?		
1	chili pepper	t̃ci35 p hjɛ31	o21 si5 5 [ɔ\au]		ɕa53?	la33 p hi55	la31 phi 13	?i35 ma3 3 fi35	ma35 phi3 1?	la31? phi5 5	C- patL/ pi2	27 7
1	eggpla nt	t̃ca31 t ɕu33	a55 t̃ʃo 21 si55		nu13 k u13	maŋ33 khu5 5			mu53 ? khə 53 t̃ɕ ɛ31	mə31 xu5 5		
1	sprout s	ɕu35 m a31	ʃi33 ma 33 nɛ33 la33 va		si35 nō 35				tsɿ53 ? ze5 3	a31 b ə55 a 33 t̃ɕ		

			33 [v\w ∇]						hy33 ʔa31 bɔ55 bɔ55 tɕhy 33ʔ			
1 0 4	garlic	tũ35	a44 sɛ3 3			kh31 s e55		qha5 3 se3 3	xa31 se55	swan 1/2	28 6	
1 0 5	onion	tshõ35	ho33 m bu44 [h \x]	ku53	ku31	ku33 p oŋ31		gu33 bɔ53	se55 bɔ31\ ku31 bɔ31			
1 0 6	ginger	a31 tɬ u35	tʃhi55 p i33	tʃhã44	tʃaŋ44	then55 haŋ tɕhu3 ɬ3 ɕ 1 i31		tsho 53ʔ p hi21 2	tsha 31ʔ t sɿ31ʔ			
1 0 7	galang al	a31 tɬ u35 k u33 m a31	tʃho44 khu44			lo55 x a55			mi55 phe5 5			
1 0 8	melon	sa33 dʒ i35ʔ	ʃi21 ke 44\24 [ʃ \s]	qhua44	khua44	tsi31 z o31	sa31 pau ɬ3ʔ ɕi31	su31 kh u31	a33 p hɔ53 si212	si31 xɔ31\ xu31		
1	cucum			qhua44	khua44							

0	ber													
9														
1	pump	ap35 k	ki44 kç	a44 çı5	qhua44	khua44	pəŋ33	tiŋ3	ma33 lu	a35	ma55	pe2/3	29	
1	kin	huu53	33	4	ne312		kham3	3 hn	31	mu53	te33		3	
0		ma31					1	am1		ni33	a55			
								3 çı		çı21	si31			
								31		2				
1	bean	nu31 m	a44 no3		nu44 ts				nɔ33 fa3	no53	a55 n	s-	27	
1		i35	3		hu44				3	ʔ	u33	nOH	6	
1											nu33			
											si31			
1	banan	nja31 b	ŋu33 si	nu44 çı						a53ʔ	ŋa31			
1	a,	u33 çı3	44 [ŋ\ŋ	54						pɔ53	tçhy5			
2	small	5	g]								5\ŋa3			
											1 kha			
											33 bɔ			
											33			
1	banan		ŋu33 b		ŋɔ44 m	ŋɔ44 b				a31 pe31				
1	a		u21		bā31	aŋ13				ŋa35 tçh				
3										u35				
1	banan	nja31								ŋa33 tu3				
1	a	u33 bu								3				
4	flower	33 lə33												
1	banan	nja31	ŋu33 k							ŋa33 fa3				
1	a leaf	ma33 p	h-a44							1				
5		çə31												
1	fruit	çı35 b	si44bu		si44		ʔaŋ33		ʔa33 su	tshŋ3	a55 s	si2	27	
1		m31	33				si31		31	5 çı2	i31		8	

6		u31	33			si31	31	5	çi2	i31			
									12				
1	grape												
1													
7													
1	pomel	ma33 p				maŋ31		su31 li3	si53?	si31 l			
1	o	u33 çi3				fuŋ3		5	hɛ33	u55 l			
8		5				1			phu5	u55 x			
									3	çi2	a31		
									12				
1	cotton	sa33 la	sa33 la		pu13	sa33 l		py33 tɛ3	sa33	tsha3			
1		33	33			a31		1	la53	1 lha			
9										31			
1	indigo	tçin33	a33 zo2			mi31 ?				mjɔ3			
2		mu35	1 [zʰ3]			u33 ?				1 tçh			
0						aŋ33 t				a55 p			
						ʃuŋ55				ɔ33			
1	rat	ne33 d	ha44		ne53?	ho33 x		?u35 ze3	fa53?	xu ts	(k)-	31	
2		u35?	hi55			ø31		3	tsha	a31?	rwak ^H		
1									31?	or ho			
										33 xø			
										31			
1	goat	su31	t,hiŋ21		tçhi35	t,hi53	tshi31	tsh	se31 me	tshi3	a31 t	(k)-	4
2		me33	dɛ33 le				pe55	ut3	33	1?	çi31?	cit ^L	
2		da35?	44					1					
1	horse	mu31	mu24 p		mõ53	moŋ31	a33 m	mu3	mo31	mo31	mo31	mra	6
2			a21?				oŋ31	1				N1	
3													

1 2 4	cattle	ɲu31	bɛ21 dɿ u33		ɲu53	ɲu31	xam33 po31	hmj aŋ4 53	mi35 ɲu 31	ɲu53 ɲi33 4	ɲu31 ni33 or ɲ o31 n e33	nwa2	9
1 2 5	rabbit	nda35 † a31			thu31	mie13 ndzu53	pho33 la55	ka1 3 ta 13	za31 ho3 5	tho33 la31	sa31 mi33 tho3 1 lha 33? tho3 1 lha 33	loŋ ^{2/1}	46
1 2 6	drago n	u35?				dzoŋ31			pɛ33 zo3 1	wi31 tsho 53?	be33 jo31		
1 2 7	buffal o	ɲu35	ɲə54 pa 21	ɲi54 pa 21	ʒe31 ɲ u44 s	ʒe24 ni u44 s	pa33 ɲ a55	jo31	pə31 na3 3	ɲu53	a31 no31 no3 1 ph u55	o2	8
1 2 8	pig	via31	fɯ21 m ɛ55		vua44	va44	va31? va3	va3 1	va31 ?	va31 ?	a31 ɣ a31? a31 j a31?	wak^L	21
1 2 9	boar	via31 p a33?	fɯ21 m ɛ55 ɛ21 ɲə33		vua44 pua44	va44 x o53	va31 phe55		va31 phe 35	va31 ? pa2 12	ɣa31 pha3 ɲiə2		22

			pa33						12	l\ja3		
										l? ph		
										a31		
1 3 0	pig 'sow'	via35 ma31	fɯ21 m ɛ55 ɛ21 ma21	vua24 mɔ44	va44 lo 53	va31 ma33		va31 me 33	va31 ? ma 33	ya31 ma33 ʔ\ja3 l ma 33?		
1 3 1	piglet	via31 mie35?	fɯ21 m ɛ55ɛ21 mɛ55			va31 z a31		va31 ze3 1	va31 ? za5 3	ya31 za31\ ja31 za31		
1 3 2	dog	tshu35	tɕhi44 mɛ55	qhui44	khui44	khui31	khui	ma35 kh u31	phu5 3	a31 k hu31	kwe1	18
1 3 3	dog 'hunti ng'	tshu35 so31	tʃhi33 mie44a 33 ku2 l fa33 [f\v\b]					he33 ka3 5 ma35 k hu31	sā21 2 ga3 l? ph u53	a31 k hu31 xa31 xe33		
1 3 4	cat	nia35	mi21 ne 55	miu53	miu53	a55 m i55	mi3 3	mi35 mi 35	mi35 mi3 3 or mi35 ne31	a55 mi55	mi1	17
1 3 5	monke y	a35 nu 31	bɔm214 pa33	miu44	miu44	miau3 1	dat3 1 ba 31	hə31 bə3 l	mɔ31 ?	a55 mo31 ʔ\ a55	myok L	23

1 3 6	bear	a35 wu 31	fau?33 \ ?au?3 3	ngue31	khui44 naŋ53	xam35	?am 33	?a33 5	?e3	sa31 go31	mjo 31? xa31 xo55	k-d- wam1	12
1 3 7	tiger	la31	a33 na3 3	qua53	ko53	tɕha31 la31	sa31 la3 1	le31	la53	xa33 zu31 xa33 lha3 1	k-la2	13	
1 3 8	otter	thɬa31 mo35	ji21 hɔ4 4			laŋ55 jam55		?a31 5	?e3	la53	fox u55 ɕu55 a55 mi55 sa55 lhɔ5 5	S---- /?p- yam1	29
1 3 9	weasel	a33 wa 33 ji31 mje35	au21 m ɛ44			?a31 h oŋ55				lɔ31 ma33 ni33	pa33 ji31		36
1 4 0	rat		ha44 he 55	nei53	nei53	xo33 x ø31	ho3 3 tu 33?	?ɔ35 1	sa3	fa53? tsha 31?		k-r- wakH	
1 4 1	pangol in	tɕhap3 1 ɕi31	don21 t ɕhi44 \d ô21 tɕhi		tɕha44 tɕha44 tɕa31	than33 khu3 1		tho31 u31	kh	fa31? khu 53?	thao3 1 kh u31	krap ^H	34

			44							sand				
										hi				
1	barkin	a33 tsh	a33 t̄chi			t̄che13	t̄chi33		su35 zε3	t̄ci31	ɕa31	kye1	2	
4	g deer	u31	44				lia31		1		t̄chi5			
2											5\̄chi			
											55 za			
											31			
1	sambh	ma33 l	a33 t̄chi				ho55 t		se33	tshe5	xa31	(k)-	3	
4	ar	o31	44				ɕhe55			3?	ʔt̄che	tsat ^L		
3	deer										33?			
1	chicke	ja31	zε54 m	hu54	ɣo44	ɣo44	ɣa55	ɕa3	ʔa33	ɣa53	a31 x	k-	50	
4	n		ε55	me55				3		ʔ	a33?	rakH		
4														
1	chicke	ja35 m	zε54 m		ɣo44 m	ɣo44 m	ɣa55	ba3	ʔa33?	ɣa53	xa33			
4	n, hen	a31	ε55		ua44	o44	ma55	3?	e33	ʔ ma	ʔ ma			
5			ʔε33 m							33	33\̄a3			
			a33								3 xa3			
											3 xa3			
											3 ma			
											33			
1	rooste	ja31 bu	zε54 m		ɣo44 p	ɣo44 p	pha31	pha	ʔa33?	ɣa53	xa33	po1	58	
4	r	33 ma3	ε44 ε21		ho44	ho13		31?	31	ʔ pho	phy5			
6		1	pa21							33	5\̄a31			
											xa33			
											xa33			
											phø5			
											5			
1	duck	ja31 pj	i55? ke		ŋo44 pi	ɣo44 p	ʔa55 p	kap	t̄o33 khi	ʔa31	o31 x	ʔ-	53	

4 7		ε33	21	35 sandhi	i53	i55	31	33	ʔ pε3	a33ʔ	hay2	
1 4 8	bird	he31 m jε35	ha33 m ε55	ηɔ35	ηɔ53	ha55 j a31		khi31 ze 31	ηa53 ʔ	a31 t çi55	s- nyak _H	48
1 4 9	owl	mo35 t hu53 t̃ɕ ho31	a44 me 55	ηɔɔ31 xu31	xoη31 puη33	khu η31 pup 33	khɔ31 vu 33	khɔ3 5 bɔ3 5 lɔ3 5 kh u212	xo31 bu33 ʔ\a55 mi5 5 sa5 5 xɔ5 5		56	
1 5 0	crow	a35 nja 53 ma3 1		za31	ηɔ53 la η44	o33 a3 1	ua3 1ʔ	lo31 ma3 1	a31ʔ ma33 ka21 2	o31 n a33 a 31 m a33\o 33 na 33 m a33	akL/a 3	52
1 5 1	sparrow w	sa35 m a53 t̃ɕh u31	a12 dzε 21 [dʒ\ʒ]	ηɔ31 b a44	hai55 la33 la m33 t̃ɕ u33 l u55		bi31 li35	ga31 ηa53 ʔ	a33 t çi55 xa31 tɕa33	m-ja1	55	
1 5 2	eagle	a35 tja 33 ma3 1	dʒε33 n a44 ma 33	zε13 li aη44	pa33 s a31	tsan 13	tɕu35 fε 33	va31 ʔ ηɔ3 1 le3	xɔ31 ʔ ba3 1ʔ			

1	goose	ja31? η	i55 ηg´	ηo31 o4		ʔa33 p	kap	ʔu35 m	a33 η	o31 η		
5		a33	33 la44	4		i33 nu	31 h	e33 tɕo3	o31	o55		
3			ma33			33 tʂu	liŋ1	3 khi33				
						31 ho5	3 ts					
						5 loŋ5	ʁn3					
						5	3					
1	bat		gɕ21 w	ηo53 ɕ		piɛ33	pa1	pe35 ze3	pu31	a33 b		
5			a44 [w\	aŋ53		va31	3 pe	1	ηe35	e55 l		
4			v]				33?			a55 x		
							fa31			a31\b		
										a55 x		
										a31		
1	fish	ηa35	ηa33 a2	ηo53	ηo31	loŋ31	joŋ3	ηa31 tu3	ηa31	ηa31	Na2	70
5			1 mɛ44			te55	1 te	5		ɕa31		
5							13					
1	leech	ma33 x	pa3 sɛ3			ηe31		kɛ31		a31 h	k-	75
5		waŋ31	3 ma33							je31	rwatL	
6												
1	leech		pa3 sɛ3					u35 kɛ3	γu33	u55		
5	·water		3 ma33					1	ɲu3	hje31		
7	'								5 ve3			
									1?			
1	snail	a33 li3		qa53 lo		pi31 l	lo31	bi31 khi	lo33	lo33		
5	·paddy	5 ku35		44		e55	ʔ ʔo	33 li35 k	nɔ35	ɲu33		
8	'						13	hi31	ku35	(a33		
)		

										ma3			
										3?			
1 5 9	crab	phaŋ33 hai31	a33 ka3 3			laŋ55 tə31	va3 1 ts ha3 3	bi31 khe 33	a33 k a31?	a55 k ha33 ?			
1 6 0	shrim p	ɕa33 pa 35	a33\44 ko33 le 33 kha5 5 ma33 [k\ʃ]			su55 l u55		ne35 pje 35	ŋa53 ʔ pa5 3 tɕe 31?	a55 k ha55 nə55 ny5 5\nɛ5 5			
1 6 1	frog	ma31 k wai31	a21 pa5 5		pə53 q ua33	po44 z oŋ44	pha31 ja31	pha 31	fɛ31 nuu 31	pa21 2	xa31 pha3 1	k-?- pa2	66
1 6 2	insect	a35 xu 31	ɛ21 bu4 4		pe44 ŋə 53	pi53	pi33 t ɕoŋ31		bi31 tɕu 31	pu31 ʔ muu 212	a31 t ɕu31	bi/bo 2	71
1 6 3	worm	a35 xu 53 vi33 tu31	bu21 tu33	bu21 tu 21	pe44 ts ə53 sa4 4 tsu53 ne31				bi31 tə3 5			bu1/2	80
1 6 4	worm 'earth'				pe53 t ɕə53 m ie31	pi53 tɕ a31	muŋ3 3 tɕa3 3 xan3 1 te55	kha n33 te13	mi35 sɛ3 3 bi31 tɛ 33	mi31 ka33 phə5 3 ti3 1	mi33 tσα3 3 by3 1 tɛ5 5		

1	cricket	tsa33 b						u35 i31	pa53	ɲu3		
6	(mole)	u31							pu33	l\ɲo		
5										31 tɕ		
										u31		
1	drago	a33 kɛ3			ko55			a33 mɛ3	a33	xo33		
6	nfly	3 kɛ33			ma55			3 kɔ33 k	me53	bo33		
6		u55						u35 kɔ3	du31	xo33		
								1	du31	du31		
										? a31		
										ma3		
										3?		
1	wasp	dla31 n	ɲga55		pio31	pje31		pɛ31 kɛ3	pe53			
6		ja33 m	ma33		bu53	ða55		5	? tu3			
7		a33							1			
1	grassh		a44 ɡu3			ɲam5		py31 kha	pa33	la31?		
6	opper		3			5 poŋ5		33 nɛ35	tshe3	the3		
8						5		kha31	1?	3 a55		
										de33		
										\ŋo55		
										bo55		
1	snake	a35 su	a21 hu3	vui31	vi13	u55 l	u13	?u35 lɔ3	vuu31	u31 †	m-	60
6		31 ma3	3			aŋ55		5		o55\ a	rwe1	
9		1								55 †o		
										55		
1	turtle	?u13 k	pa55 kɕ	pɔ53 rō		pi31 h	va3	pa35 kha	ɣu21	py31	C-	69
7		wi35	33	44		oŋ55	1 ts	31	2 tɕi	xo55\	grukL	
0							ha3		53?	by31	/	
							...			--	?kruk	

						1 ja			xo55	H	
						31 b					
						a33					
1	lizard	bu31 η	bu33 k				zo35 le3	pu53	a31		
7		a35	a33				5	? ta5	mi55		
1								3? le	la31		
								53? k	tɕha		
								e33	31\pj		
									a31 l		
									a31 l		
									a31 t		
									ɕha3		
									1		
1	fly	bu31	bo33 tʃ	pua53	po31	ban	zo35 me	bu35	xa31	C-	72
7			hɕ33			13 p	33?		ɕu55	brutL	
2						in13					
1	bee	dla33 η		pia53		te31 s	pi31 ?u5		a31 p	bya2	77
7		u35				u55	5		a31\b		
3									ja31		
1	ant	bu13 w	bo33 lo	pe53 zo	bo44 γ	pi31 h	py31 ?o5	po35	a55 h	P-	73
7		u31	33	44	o31	o55	5	go53	u33?	rwak	
4								?		H	
1	spider	a35 nja	na54 m	qa53 n̄		?a33	ka3	fa31 me	a33 η	bu31	79
7		53 ka3	a33	ō53		mi55 l	1 ka	33 ko35	a33 l	dzu3	m-
5		3 la33				aŋ kha	33?	le35	a33 p	lla55	gu1/
		ma31				33	ba3		u31	(a33	m-
											ga2

							1 lo)		
							13		ma55		
1	mosqu	bu31	bç33 tʃ ^h	pua53	po31 k	naŋ55	han	zɔ35 kɛ3	bu35	xa55\	
7	ito	ma35	ç33ha4	phiu35	ø44	ko31	13 p	1	ɲɔ3	xja55	
6			4 kç33				in13		5 kɔ5	gɔ31	
							bo3		3		
							3ʔ k				
							u13				
1	spider			qa44 ɲ	pu13 n			fa31 me			
7				a53	ia53			33 kɔ35			
7								lɛ35			
1	centip	ua35 k		pe53 ç	za31 p	u55 sa		u35 sɛ3	ɣu35	a33 t	
7	ede	oŋ35		35	hu31 l	55 lan		5	su33	çu33	
8					a44 tsa	55			lu33	la33	
					33 mo				ga33	ma33	
					33				1	u55	
										çɛ55	
1	caterpi	bu33 lu	a21b'33	puo53	bi53 ni	pi33 l	ba3	py31 lu3	pu33	a31 p	
7	llar	33 ma3	ta33ŋgɣ	mbɔ̃44	13	y55	1 tts	3	lu53ʔ	hɛ55	
9		3	33lç44		bɔ53		oŋ3			la55	
			ma33				1			dɔ31	
										ʔ\a31	
										hu3	
										3 tça	
										55 pa	
										55	
1	louse	i35 su	ʔə44tɛ3	ʔi53	xo44 p	san55		he35 ʃu3	ɣa53	u31 ç	xan1 74

8 0	33	3		hiu13		5	ʔ sə3 3	ε55\ç ε55 ma33			
1 8 1	louse, body	i35 suu 33 tsu3 3 ma31	e24k ^h tu 33	ʔi53		san55 phiu5 5	hε35 fu3 5	sə33 a31 g ɔ31ʔ			
1 8 2	louse, chicken	ja31 i3 5 suu33	ʔ ^h 44fiε3 3	γɔ44 m ua44		γa31 muu3 3	a31 fjə3 3	xa31 ʔ çε5 5			
1 8 3	flea	tshuu35 suu33	tʃ ^h i55tʃi 33	mua44	ma44	khuu31 san55	khuu31 h e35	phu5 3ʔ sə 33 5	khuu3 1 çε5 5		
1 8 4	hoof	suu31 lj a31	e21 bu2 1 çɪ35	sē53ʔ	se53	khuu33 suuŋ3 1	phε31 s uu31	ɲu33 khue 53 se 33 k hɔ53	khuu5 5 se3 1		
1 8 5	horn	ŋuu35 t̃ s ^h o33	ʔe33 kh u33ʔ	niu31 kho13	aŋ33 k hø55	ʔɔ31 kh uu35	a31 k ho53	ø33 k hy55 \nɔ3 1 tɕy 55	kro1	82	
1 8 6	tusk	i33 si3 5 du53 ma31	e21 ka5 5 dʒi44 si33		so31 t çuu55	ʔa33 se3 3 ʔa33 k he35	ja31 tɕuu 55	ʔ- cway 1	96. 2		
1 8 7	tail	i33 mi 35ʔ	e21 mi5 5 thuu3 2 ɲuu44	ndzue4 4	i44 dʒe 44	ton33 mi31	to31 mi3 1	dɔ31 mi31	ʔ- mri2	84	

			3 lu44										
1 8 8	nest	i33 dʒu 31	ha33me 44e21n dʒo33	ɲuɔ53 ndā44		pam33	aŋ3 3 pa m31	a31 khu 35	a31 p hu33	a31 p ɔ31			
1 8 9	fishbo ne	i35 ʎo3 1	ɲa33e3 3me44										
1 9 0	wing	i35 dlu 31 bjɛ3 5 tʃa33		lo31 vi a44	toŋ55	aŋ3 3 tu ɲ13	ʎa31 to3 5	a31ʔ tɔ31 la31 ku35	a31 t ɔ55\ a 31 tɛ i31 a 31 dɔ 55	doŋ1	83		
1 9 1	egg	u33 u 33	ze33 m e44u21	te44	ʎo44 t ø44	aŋ33 ɲ u55 ɲu 55	aŋ3 3 u3 1ʔ	ʎa55 ʎu5 5	a31ʔ u53ʔ	a55 u 33	u3	86	
1 9 2	cocksc omb	hai31 mɛ35 k wan35 tsi33	ze21 m e44 eŋ3 3					a31 fe31 mɔ35 le3 5	ʎa53 tɕo31 ʔ	(xa33 phø5 5) m u31 b a31			
1 9 3	head	i35 du 33		mɔ31 b u53		ʎaŋ33 to31	aŋ3 3 tu 33ʔ	ʎo31 khe 31	ku35 si21 2	u31 d u31	?-du3	88	
1 9 4	head hair	i35 tʃa 33	ɔ44 tʃh ç33	ɔ54 tɕh ç44	mɔ312 sei312	mɔ44 s ui13	aŋ33 t sham5 5	sam 13 k huŋ 13	se35 kh u35	dʒo3 3 khɔ 53 m o33	tshe5 5 khɔ 55	?- tsam 1	89

1 9 5	body hair	i35 m̄3 3	eŋ33	ŋã44	ŋaŋ44	ʔaŋ33 muw31	aŋ3 3 h mut 31	ʔa31 muw 31	a31 mo33	tɕha3 1 m̄ m̄33ʔ	?- mwe 3	85
1 9 6	brain	i35 nu5 3	ʔe21 u4 4 khu44 khu44 i35	mɔ312 lo35	mɔ44 l u53	tu33 non31		ɔ35 nɛ31		u55 nø31 ʔ	©- nokL	14 0
1 9 7	face	thɬu31	e21 ki4 4	tɕu53 p hiã44	tɕu31 p hiaŋ13	me33 phjaŋ3 1	ba3 3 kh a31	wa35 fo3 1	mɛ31 ʔ khɔ 31	ma33 ʔ pu3 1\mj a33ʔ phjɔ3 1	pyu2	91
1 9 8	eye	mja31 ɕi35	lu33 ɕi 44	qhe312	khi13	me33 nuw55	aŋ3 3 bj a33	mja33 tsi 33	mɛ31 ʔ	ma33 ʔ nuw 33\m ja33ʔ nuw3 3	©- myak H	92
1 9 9	eyebro w	mja31 ɕi35 m̄ 33	lu33 gi 44 eŋ33 ʔ	qhe312 ŋã24		me33 hoŋ55 muw31	ba1 3 tsi 13 k a33 loŋ1 3 h mut	ma33 m u31	mɛ31 ʔ mo 33	ma33 ʔ xɔ3 3 tsa 31 ŋŋ 33\m ja33ʔ hu3		

2 0 0	nose	na33 b u33 ku 35	na33 m u33	çǎ53?		na55 t oŋ31	31	ne35 me 35	na21 2 kho 53	na55 me55	s-na1	93. 1
2 0 0	nose	na33 b u33 ku 35	na33 m u33	tǰǎ53	tǰaŋ53	na55 t oŋ31	la13 kaŋ 13		na21 22 k ho53		kaN2	93. 2
2 0 1	mouth	ŋ33 tǰu 33	ne33?	mua53?		man33 thon31		ne31 bu3 1	muu5 3	me31 bo31	©me2 /mok L	94
2 0 2	teeth	suu35	suu55 m a33	tçi31	tçi13	aŋ33 s o31	sa31 phe 31	a33 se31	tçi31	a31 s u31	swa2	96. 1
2 0 3	tongue	ǰa33 pj ε33	k ^h -a33 be33	mua53 le44	ma31 l i44	ka31 ka55	aŋ3 3 hl a13	ne31 bu3 1	ha33 ku21 2	lha55 ma3 3	s- l(y)a1	97
2 0 4	ear	na35 g wi53 k hǰa35	naŋ44 k hǰa33 la 33	qǣ53	klaŋ53	na31 xo55	ǰǎ3 5 hn a31	me31 fa3 1	na31 po33 ku53	na31 po55	©- na2	10 2.1
2 0 5	neck	ku35 pj a53	lç33 ve 33	quǎ55 t he35		nuuŋ55 tshuu3 1		o31 luu35	qo21 2 ku 53	khǰ3 1 lho 55	liN1	10 4
2 0 6	hand	lja33 k hwa35	le21 kh -a35	lo44	lo44	la31 the55	la31 pu3 1	la31 fu3 1	la31? phu3 3	la31? xo33 ?	lakL	11 1
2 0 7	arm	lja33 b u35	le24 puu 55	lo44 qh uǎ44		la31 kan33			la31? yo53	la31? tu33 ?		10 8

2 0 8	elbow	la33 p u35 k wa33 k waj31	le21gin 55 de33 le44			la31 tshu31	li31 siŋ 31 l oŋ3 1	la31_ u3 1		la31? tshŋ 31?\n u31?	C- dzikL	10 9	
2 0 9	should er	na31 b u31	na44 bu 44 thu 33	ne44 pu 54	qa53 tç he312	kua44	pa33 phu55	pa3 1 hu m13	pe33 tha 31	la31? phi 53? k ha31 ? 31?	la31? ba33 ?\ba3 1? ta 31?	p/?- rum2	10 7
2 1 0	back (upper)	khu31 ba31	dju33 tç i55		qa53 lō 53		tçan31 xoŋ55	la13 kho 13?	a33 zo31 ?	tso31 ? tsh u35		11 7	
2 1 1	breast	ŋ33 ma 33	ŋe33 tu 33		ni35 ŋg o44	zu53 m aŋ13	nuŋ33 tan33	luŋ3 3 ç 31	no33 ku3 3	ni35 ma53 ga3 3	nuw33 xo31	no3	11 9.2
2 1 2	chin	ça31 p a35 kh u31	ŋe24 ki 44		mua35 qã53 tã 31	ma31 k aŋ53	man31 py55		ne33 pi3 5	pa53 ? tu3 1?	me33 tu3 1	?-pi1	10 0.1
2 1 3	beard	ŋ33 ts u31	ŋe33 tç hi33		mua53 ŋã44	ma31 ŋ aŋ44	man33 mu31	ban 31 h mut 31	pe31_ tha 31	mui3 3 tç u53?	me33 tçhi 31\m e33 mo31	?- tsitH	10 1
2 1 4	hip	khɬa33 dze31	kh-a33 si55		ʔã31 pu a44				tɔ31 su3 1	tɔ31 pu33	tɔ31 tshu5 ɛ		

2 1 5	waist		ŋga33 t ɕhi33			an3 3 h ma3 3	a35 pja3 5 la35 pj a35		5 ju31 bo31			
2 1 6	navel	ɕa53 p o33 tha 31 la31	t _h i55 b u21 t _h i 55 kha3 3 la44			pe55 to33	sa33 su3 1	pe35 tu33	py55 ly55	(C- k)yak H	12 0.1	
2 1 6	navel	ɕa53 p o33 tha 31 la31	t _h i55 b u21 t _h i 55 kha3 3 la44	bō53 li u44	boŋ53 liu44		sa35 su3 1			?- doN1	12 0.2	
2 1 7	thigh	tla35 p jε53	e21 mi5 5 th33 l u44	khie31 2 kuā5 5		?an33 puŋ55	a33 fe31		ɕa31 pha3 l\phj a31	(S)- boN2	12 1.2	
2 1 8	buttoc k	phi35 d u31	kh-i55 tə33 lə4 4			toŋ31 ko55	an3 3 po ŋ13	khe5 3 tu5 3 tə3 1	to31 py55	daN1 /2	12 1.1	
2 1 9	leg	tse31 p u35	t _h i33? u35	khie31 2	khe13	?an33 khu55 u13	la31 kh 5	a33 khi3 3 1	khu3 3 5 ja3 1		12 4	
2 2 0	foot	tse31 x wa35	t _h i21 k h-a33			khu55 the55		fe31 tə3 5	khu3 3 vu 53	a31\ɕ a31 k hu55	kre1	12 7

2 2 1	finger	lja33 m i35 lja 31	le21 t _u 33	lɔ44 ɔ4 4	lɔ44 ɔ4 4	la31 n uŋ55	la31 hŋ u13	la31 ₁ suw3 1	la31? nɔ3 3	la31? nuw5 5	s- o1	11 3
2 2 2	toe	tse31 mi35 lj a31	t _u hi33 t _u u33	khie31 ɔ44	khe13 doŋ13	khw55 nuŋ55	li31 hli n33 ?	fe31 suw3 1		khw5 5 ny 55		13 2
2 0 4	ear	na35 g wi53 k h ₁ ɬaʔ35	na44 kh 33 la44			na31 xo55		mɛ31 fa3 <u>1</u>			©- na2	10 2.1
2 0 5	neck	ku35 pj a53	lɔ33 be 33			nuwŋ33 tʂhuw3 1	aŋ3 3 liŋ 13	ɔ33 luw35			liN1	10 4
2 0 6	hand	lja33 x wa35	le21 kh -a35			la31 the55		la31 ₁ fu3 1			lakL	11 1
2 2 3	heel		tʔ ^h i21 n i44			khiu31 2 tē35 t ã31		çi35 fu3 5		khw5 5 kh uw55 nuw31 ?		
2 2 4	belly	o13 pe 31	ʔuw21 p uw33	bō53	boŋ53	poŋ55 ma55	pa3 1 pu ŋ33	u35 mɛ3 3	vuw53	u31 ma33 ʔ\pu3 3 ma 33?	wam2	13 3
2	liver	i35 ʂɛ3	ʔe21 ka	sɛ44	ka44	ʔaŋ33	aŋ3	a33 suw3	a31 s	tsho3	(S)-	14

2 5	3	55 t _c hi3 3			phe31	3 si ŋ31	1	e31	1	sin2	3	
2 2 6	heart	ŋ33 ma 33 a33	ne55 m a33	qa53 lō 44	ni53	nuŋ55 ma55	mi3 3 ts hu3 1 ɕi 31	nuw33 ze 33	ni35 ma33 si21 2	nuw33 si31	ni3	14 2
2 2 7	lungs	i35 t̄sh o33	ʔe21 t _c h i55 pi3 3	pue35	se44	than55 fam3 1	aŋ3 3 h map 33	a33 le31	a31 t sho5 3	a33 p o31ʔ	(S)- papL	14 1.1
2 2 7	lungs	i35 tsh o33	ʔe21 t _c h i55 pi3 3	pue35					a31 t sho5 3		tsi2/ts utH	14 1.2
2 2 8	intesti ne	i35 wu 31	ʔe21 o2 1 pi33 l i44	se53	se53	ʔaŋ33 ʔu55		a31 u35	a31 ɣ u31	u55	ʔu1	14 6
2 2 9	bone	i35 ɣo3 1	ʔe21 m o33ʔ	yua53	u53 ɣo 31	ʔaŋ33 jø31		he31 u3 1	a31 k a35	sa31 y31	S'- ro2	13 6
2 3 0	gallbla dder	i35 dz u33 kh a35	ʔe21 ki 33		ta53	phe31 ku55		fɛ31 khi 35	a31 k u33	phe3 l\phj a31 k hu55		
2 3 1	saliva	suw35 z u31	nu55 ʔi 33ʔ	ma44 z e31	ma44 z e13	me33 thø31	kha n31	thi31 kh a31	muw3 1 ɣu 31	u55 tɕhe5 5		
2	tears	mja31	nu55 ɕi	qhe312				ma31 pi3	me31	ma31		

3 2		zu33	55 ʔi33	je31				5	ʔ yu	ʔ\mja		
									31	31. b		
										i55		
2 3 3	milk	a35 no 33 zu3 1	nu55 ʔi 33	zju35 y e53	zu53	nuŋ55 tʃhu5 5 laŋ5 5	loŋ3 3ʔ	ʔa31 no3 3 ʔa33 ʔ u35	tɕo35 yu3 1	a31 t ɕhy5 5	no3	15 5.2
2 3 4	excre ment	tshu31 khʰu3 5	khi55	qhε44	khε44	jaŋ31		zo31	khe5 3	a33 p a33\k hi31	ʔ/k(l) e2	15 0
2 3 5	urine	a35 zu 31	ʔu45 ɕi 33	ɕi53 yi e31	ze53	jaŋ31 ɕi31	i31 tshu m13 laŋ 13	ʔi33ʔ si3 1ʔ	dzu5 3ʔ y u31	a31 t ɕhu5 5\ a31 ɕi31	m-ji2	14 9.1
2 3 6	blood	i35 so3 5	ʔe21 ɕi 55	qo53	ko53	ɕi31	ɕu3 1	ɕi31	sə21 2	ɕi31ʔ	swe2	14 7
2 3 7	mucus	na33 k hʰu35	ʔu55 nu 33	tsō53 ŋ ge53	tsoŋ53 noŋ53	naŋ33 tʃhe55		nu31 py 31 tɔ33	nu35 khe5 3	na33 by31		
2 3 8	sputu m	a35 be 33 lje3 5	tɕi45 y u33ʔ	no312 po53	mi31 n o44 tɔ5 3	thø31 kha31		the31 u 35 tɔ33	tɕo31 khe5 3 yu 31	xu31 ʔ pe3 1ʔ		
2 3 9	blind	mja31 ɕi35 dz i35	nu ^w 55 d i55	qhe31 do44	khi13 daŋ53	me55 kan33		mja35 la 35	me53 ʔ tɕu 35	mya3 1ʔ be 31ʔ		

2 4 0	body	ŋgu33 mu33	va33 tɕ hə33 e2 l xo33	sā44 a4 4 zə44	maŋ13	ʔaŋ33 maŋ55	a31 mə3 3	a31 mə31	ɣə55 mə55			
2 4 1	boil, ulcer	bu31 d u33	e21 ɣu 33			ʔaŋ33 fu33 l u33 pi ŋ55	he31 tsu 31 tə35		sa31 tɕhi3 l			
2 4 2	pus	dla33 d zu31	nə33 bu 44	mbe31	bie13	ʔaŋ33 piŋ55	plu35 le 31 tə33	be31 ʔ ɣu 31	ma33 by55 \bjə5 5	m- bliN1	15 4	
	bone		ʔe24 m ə33ʔ		u53 ɣo 31	ʔaŋ33 ju31	aŋ3 3 ɕa u31					
2 4 4	rib			ɣua35 nie312					ɕa31 y31			
2 4 5	finger nail	lja33 s u35 k wa33 l a33	le21 ɕi5 5	lɔ35 se 44ʔ	lɔ44 se 44	la33 s uŋ31	li31 siŋ 31	la33ʔ su 31	pa55\ pja55 nə55 ɕa31 y31	la31ʔ sə31	siN2	11 5
2 4 6	hump	lje33 bj a31	lɕ2be33	qə53ʔ	tɕiu44 goŋ44					lɔ33 pe33		
2 4 7	placen ta	je35 mj a35 i33 dzu31	e21\33 p ^h u33 mə33		boŋ53 liu44	ʔe55 p e55	aŋ3 3 ts han	a33 ɕə31	a33 p ɛ33			

		dʒu31	ma33				haŋ 31						
2 4 8	name	mja31 da35	e21 mo 44	e21 mɔ 44	ŋa53 m e312	miɛ13	ja31 miŋ55	aŋ3 3 h mi3 3	ʔa33ʔ mi 35	tshɔ5 3ʔ m e33	tshɔ5 5 mi 55\m jɔ55	?- m(y)i N1	41 9
2 4 9	(evil) spirit	sau31 t̃ ɕin35	a33 ne3 3			ni44	me33 ja33 n e33 xa 55		so35 kha 33	ne53	nɛ31 ʔ xa3 l\ne3 lʔ	C- natL	36 1
2 5 0	fate, destin y	ŋ33 tɕh ɛ31			puɔ53 t ɕuɔ̃311	mianŋ31	ka33 l aŋ31		mi35 kh a33	a31ʔ zi31	a31 z i55		
2 5 1	price	i35 pu3 5	e21 p ^h u55 a3 3 su21				ʔaŋ33 phø31		phy31 m a33 phy3 1	a31 p hɔ53	ya31 phø3 1	po2	42 1
2 5 2	dream	zu33 mja31 mja31	ʔi21 m u21 mu 33 ba33		zi31 m ɔ44	zi13 m ɔ44	ju31 ma55	bə2 1	ma33 mi 35 ma33	zə31 ʔ ma 53ʔ ma53 ʔ	ju31ʔ ma3 3ʔ m a33ʔ		
2 5 3	soul	ja33ʔ	ɕ\ɕi33 n a33		ni44 qh ɔ44		ʔaŋ33 xoŋ33 xoŋ33 la55	ba3 1 kh uan 453	a31 la35		su55 lha55		
2 5 4	man	za31	a21 mu 45 na33	sā53	sā53 pu ɔ312	saŋ53 pɔ13	loŋ33 tɕhi55 ma33	kha 31 p hja3	xu33 ph e35 ze31	ho31 ʔ qha 53ʔ p	za31 xju3 3 a33	g- yokL	16 1

						3?		a212	ta33			
									ʔ\za3			
									l xju			
									33 za			
									31			
2 5 5	woma n	za31 m i31 ma 31	a33 muu 33 na33	sā55 m i312	saŋ53 mi44	kaŋ33 kaŋ33 ma55	kha 31 b ja31 ʔ	xu33 me 35 ze31	za53 mi53 ma3 3	za31 mi33 nu5 5\za3 l mi 31 za 31	C- mi2	16 2
2 5 6	child	ja33 mj ε35	a44 le3 3 me44	ɔ44 mi 44		ʔaŋ33 za31 ʔ a31	ja31 kat 33	ze31 gu3 5 ze31	ŋe35 za53 za53	za31 ku31		
2 5 7	son	za31 dj εʔ35	a21 muu 55 na21 me44	sā53 pu ɔ44 ɔ44	saŋ53 pɔ13 ɔ 44	za31 p ioŋ55 ja31 ʔ	kha 31 p ja31 ʔ	ze33 ju3 5 ze31	za53 pa21 2	za31 xjo33 ʔ za3 l	Za2	20 6
2 5 8	daught er	za33 m i31	a21 muu 21 na21 me44	sā55 m i312 ɔ4 4	saŋ53 mi44 ɔ 44	za31 mi31 ja31 ʔ	kha 31 b ja31 ʔ	ze33 mi3 5 ze31	za53 mi53	za31 mi31 za31	C- mi2	20 7
2 5 9	young er sister	ŋje33 ma33	ŋa24 ne 33 ma3 3	lu44 sā 55 mi3 12	lu44	ʔaŋ33 ŋi55 t aŋ31 k aŋ31	hnu 31 e 33? hna	mi31 ŋi3 5	ŋe35 ma3 3	a33ni 55 za 31 m i31	ʔ's- nam1	20 5

						ma33	m13						
							ba3						
							lʔ						
2 6 0	elder sister	a35 tɕi 33	e55 me 33	vui53 s ā55 mi 312	vei31	ʔaŋ33 tɕhi55	hu3 1 e3 3ʔ h nam 13 b a31 ʔ	a31 tshi3 3	a33 v i35 ma33	a33 p a33	ʔ'tsi3	20 4.2	
2 6 1	young er brothe r	nja31 u 31 kha 33	e55 pɔ3 3	lu44 sā 55 puɔ 44	lu44	ʔaŋ33 ni33 l oŋ33 t ɕhi55 ma33	hnu 31 j a31	zɔ33 nu 35	ɲe35 pa21 2	a33 n i55 z a31 x jo33	ʔ'i1	20 3	
2 6 2	elder brothe r	a35 ku 31	a24 nde 33	vui53 s ā55 puɔ 44	vei31	ʔaŋ33 moŋ55	hu3 1 ja 31	zu31 me 33	a33 v i35 p a212	a55\ a 33 kɔ 55	go1	20 2.2	
2 6 3	father	a35 ba 33	mba33ʔ	pɔ53	pɔ31	ʔa31 p a33	mu1 3	a31 bu33 3	a31 b a33	a55\ a 33 ta 33	ʔ'pa3	20 1	
2 6 4	mothe r	a35 ma 33	ma33ʔ	mɔ44	mɔ44	ʔa31 ma33	ba1 3ʔ	a31 me3 3	a31 me33	a55\ a 33 m a33	ʔ'C- ma3	20 0.1	
2 6 5	adopti ve parent		ŋa21 ba 33 nu3 3 ba44	pɔ31 m ɔ44 ʒɔ3 1						tɕu33 la31 a33			

									pa33			
									a33			
									ma33			
2 6 6	grandf ather	ip33 k ^h u35	a21 pu5 5	phua44	?dɔ44 pho44	?a31 p o55	hu1 3?	a31 pa35	a31 b u33 t	a33 p ɔ55	?po2	19 0
2 6 7	grand mothe r	ip33 ɕi 35	a21 phi 55	phie44	?dɔ44 phe44	?a31 p hi55	phi1 3?	a31 fi31	a31 b i33 t	a55 j a31\ a 33 pu 31	?pi1	19 1
2 6 8	girl			sā53 m i312	saŋ53 mi44	za31 mi31 za31	kha 31 b i33 ja31 ?	xu31 me 33 ze31	za53 mi53 ha35			
2 6 9	boy			sā53 pu ɔ44		za31 x ai31 ɸ a31	kha 31 p hja3 1 ja 31?	xu31 ph e31 ze31	tshɔ5 3 ha3 5 pa2 12			
2 7 0	bride	suw31 ma33	a21 mi4 4	khi44 mɔ44	khe44 mɔ44	khw33 ma55	aŋ3 3 lu m13 ba3 3?	khy31 ve 33	za53 mi53 khu 33 m a33	za31 mi31 \khu 31 m a31?		
2 7 1	groom	so31 u 33 kha ɔɔ	ɛ55 pɕ3 3?	sā53 ne 312	saŋ53 ni13	?aŋ33 khwi3 ɔ		a31 ze31	me35 ɕi35	a31 z a31		

2 7 2	wife	33 mi33 jε 31	ηa24 mi 33	mi44	mi44	3 ʔaη33 mi31	aη3 3 kh a31 ba3 3ʔ	xu31 or khu31 mε33	mi53 ma3 3	xa31 mi31 \\mi3 1 za3 1	m'ya 2	21 6
2 7 3	husband	hai31 ɸ ep33 k ha33	ʔu33 tɕi 44	zɔ̃31	zɔη13	ʔaη33 mjɔη5 5		zɔ33 tɕi3 5	pha5 3 mɔ 53	xa31 tɕi33	m- laN/p laN1	21 7
2 7 4	lover	ηai31 ε p31 kh a33	ηa24 a3 3 mu33 na33	die35 p ho35		lip55 ma33	lum 13 p a33 ʔ lu m13 ba3 3ʔ	ze31 xa3 1 ma31		za31 xa31		
2 7 5	artisan, skilled worker	gu35 j ap33 k ha33										
2 7 6	guest	ljap35 kha33	ndau33	sā53 vu i53	saη53 vε31	ka33 z iη55		ɔ31 zu3 3	ve35 tshɔ3 3	ta31 xjɔ33 ʔ		
2 7 7	host, home owner	i33 ɸep 31 kha 33	ze21 kh u33	tho53 p ue44	pa44 s e13	him33 suη5 5		i33 su35	tɕe31 ɸε31 ʔ pha 53	nu55 sɔ55		

2 7 8	widow	mi13 k hu35 m a53	me21 tɕ hu55 m a33		maŋ31 tɕho44 mɔ44	mai55 je33 t ɕhø31	ba3 3 ts hau 31	mi31 tɕh i31	mi31 tɕhy 31	mum 2	16 6.1
2 7 9	widow er	mi33 k hu35 b a31	zu33 tɕ hu55 pa 21		maŋ31 tɕho4 pɔ31	je33 t oŋ33 t ɕhø31		pjɔ35 tɔ3 1	po55 tɔ31 a33 t u33 a 33 \		
2 8 0	mothe r's mothe r		ʔa33 ph i44	mã53		ʔa31 p hi55	ba3 1ʔ ma3 1	ne33 a31 phi31	a31 b i33	ni33 tɕu33 a55 ja31	
2 8 1	father' s older brothe r	ba33 z u35 kh a33	ʔa24 ph u33	mã53?	ki13 p ɔ31	ʔaŋ31 po55		u31 mɛ3 3	a31 b i33 ts hɔ35	a33 t a55 t a33 ma33 \ta55 ta33	
2 8 2	father' s young er bro	a33 lja 33	ʔa24 nd e21 ba3 3	kiẽ53?	ke53 p ɔ31	ʔaŋ31 ni55		a31 tshi3 3	a31 ɣ u33	a33 ɣ ɔ55	
2 8 2	mothe r's	a33 vuu 33	ʔa21 mi 44 ma?	zo44\m ã53?	zu44 p ɔ31	ʔaŋ33 tɕhe55		ki33 kɔk i33 me3	a31 ɣ u33 d	ɣɔ55 ɣɔ55	

3	old/yn g bro	33			3	ə31 d	a55 t	
2	father'	lja33 bj	ʔe55 po	mɔ44 k	ʔaŋ33	ə31	a55	
8	s	e31	21 vaʔ3	i13	ʔu55	a53 t	a33 x	
4	sister		3			ɕu31	o33	
						ka35	ma55	
							ma5	
							5	
2	daught		sɔ44 ne			ø31 p		
8	er-in-		31			ha31		
5	law					ʔ ø3		
						l ma		
						33ʔ		
2	son-			zaŋ31		a33 p		
8	in-law			ni13		hø33		
6						a33 p		
						ɔ55		
2	corpse	va33 tɕ	sɔ31 kh	ʔaŋ3	saŋ1	sɔ35 ɕi3	su53	
8		o33 ɕi3	ie44	maŋ33	3 s	5	ku3	
7		3 va33		tɕhaŋ	u13		l ta3	
				33 si3			3 sue	
				3			53	
2	ancest	pho33	dʒɕ21 ɣ	him33		si33 tɕi3		
8	or	kha33	i33	ne33		3 a31 ph		
8		sa35 ts		tɕi33		i35 a33		
		u31		kha33		pa35		
2	descen	a33 ɬu	la21 kh	ʔaŋ33	aŋ3	li31 la31		22
8	dants	35	-i44 pa	tɕhe33	3 an			2
9			22	ʔ	ʔaŋ33	21		

		33		ʔ		ʔaŋ33	31 a					
						ja31	ŋ33					
							tsha					
							13 t					
							so3					
							1					
2 9 0	rice (grain s)	t̃ɕi31 m i35	t̃ɕhe24, t̃ɕhe21 kh→u44	t̃ɕhe22 ɕi44	qhɔ312	khɔ13	ko33	ko3 3ʔ	ko33		ʔ- gaw3 /okH	27 9
2 9 1	rice, glutin ous	t̃ɕi31 ŋ 31	t̃ɕhe24 ndʒe44 pa21ʔ sss		qhɔ312 nã53ʔ	khɔ13 nəŋ31	ko33 t ʃhan5 5 hoŋ3 3 lu31		ko33 nə3 1	xɔ33 nɔ31		
2 9 2	rice porrid ge	dza31 i p33 kw a33	t̃ɕhe24 ndʒe33 ʔ		ha44 ʒe 44	mu44 bie44	haŋ31 t̃ʃha31			xɔ33 t̃ɕa31 ʔ		
2 9 3 1	rice, grilled young mawC	t̃ɕi31 t̃ɕ u33 ʔu 35 kwa 33	mau35							t̃ɕhe5 5 phu 55 lh u55		
2 9 4	chaff	t̃ɕi31 t̃ɕ u33 d̃z o31 kh wa33	ŋa21 kh →i44 pa 44		qhɔ312 pua35		xa33 p u31 pu 31 xa5 5		phu31 k ha35	t̃ɕhe5 5 phu 5 ki3 3ʔ\ t̃ɕ he55 phu5	pway 2	29 8

2 9 5	rice husk, pig food	i33 t̄ɕh i35	t̄ɕhe24 gi55\t̄ɕh e21 ŋgi 55	vua31 phui55				kha31 ph u31	ti33? xa33 phu3 1			
2 9 6	rice husk,	i33 t̄ɕh i35 ɕa3 3 ma33		qhɔ312 pu35				gɔ33 su 31	xa33 phu3 1 ph u31 xa31 ?			
2 9 7	corn	sa31 p u31	a44\55 mbu21 t̄ɕhe21 ndʒe44	a54 mb u21	ndu53?	t̄ɕha31 tu55		lɔ31 pɔ3 3	a55 t u33\ yu33 tu33 mɔ31 tu3 3?	Sa1	29 0.1	
2 9 8	water chestn ut	m̄35 k u33				muu31						
2 9 9	meat	ha35 th tu33	e21 ha5 5	ʔo35	ʔu53	sa31	t̄sa3 1 k uŋ3 1	he31 t̄ɕi3 5	sa21 2	ɕa31 ŋi55\ ɕa31 t̄e33		
3 0 0	mushr oom	t̄ɕhi35 tson̄35	a44 ŋge 33 le44 pa21	muɔ31 lu44	mo13	muŋ55	hmu 13	kəm33 k ɔm33 kɔ 33 ki35	a33 x u55	s- mo1	28 8	
3 0 1	fat	i35 t̄ɕh e31	e33 t̄ɕh e33	si312	si13	ʔaŋ33 t̄ɕhi55		a31 t̄ɕhu 35	sa21 2 t̄ɕh	la31? tshi5	tsi1	38 4

3 0 2	oil	ja31 z u33			zu44	zu44			u33	5 mi55 tshi5 5		
3 0 3	soup	i35 tʃh a31 zu 33	laiʔ51\l ai54		ɣã53 ze 31	ɣaŋ31 ze31		ku31 fa3 5 a33 u3 5		u55 tsha5 5		
3 0 4	liquor (wine)	nd̄zu3 1	ndze21 he33	ndze21	ndzi31	dze13	te33 x a55	tɕhi35 fu 31	dzə3 1	tɕi55 ba31 \\d̄zi5 5 ba3 1	ji1	28 7
3 0 5	sugar cane	sa33 b u33 vu 31	bo33 tʃ hu33		phõ53 pua312			fu31 tɕhi 35		phə3 1 tɕh y55		
3 0 6	taro	a13 dlɛ 35	a33 glo 33		mui55 ŋã44		pøn31	pie31 ʔu 33	pu53 tɕhə 33	pə31 ma55 \\o33 tʃa33 ʔ tɕh ɛ33 t ɕhɛ3 3	?- mun1	28 4
3 0 7	vinega r	i35 dʒa 31 dzu 33										
3 0 8	medici ne	na33 ts̄ h̄u35	e21 tʃ ^{hi} 55		se44	se44	tɕhi31 ka31 peŋ31 tɕhui5	ʔa33 fe3 5 ʔa33 m a35 khe3 3		na33 tshi3 1\ɣə3 1 ny	tsipL /tse2	41 3.2

3 0 9	tobacc o	mi13 k ho35			fui35 p ua44					5 khon3 3 lam 55		55 ya33 xo31 pa33 lhε33 ?	jaï	40 6.1
3 0 9	tobacc o	mi13 k ho35											C- SukL	40 6.2
3 1 0	tea	la33 z u31	tsha33?		tsho44	tsho44	la31 p he22	la33	la33			la31? pe33 ?	la1	40 7
3 1 1	water, boiled	i35 ja3 3 dzip3 3 kha3 3			ze31 ts o35 Nq ue31	o44 ηg ui13	lan31 tchui5 5		u35 tsho 31 bu31			u55 t chu3 1 tca 31 p u55		
3 1 2	cloth	khla31	pha21 k h-a33	pha21 k h-a22	pho312	pho13	sa33 l a31	hna m13	?a33 kh u31	pha3 3	xa31 pha5 5	pa1	40 5	
3 1 3	clothe s	bjε31 t a33	kh-a33	kh-a33	phiã31 2 lo44		tson55 xa55 ?ε55 x a33	an3 3 k uη3 1	phi35 kh o31 la31 lu31	phu5 3 ku 33 ha 31 k u33	a55\p hi31 xo33 lha33 ya31		22 4	
3 1 4	trouse rs	la33			lo44	lo44	tson55 xa55		khi35 thi 33		lha33 ya31	?-/k- la2	22 8	

3 1 5	skirt	ʎa33 kh i31	xo33		zũ53	zɔŋ53	taŋ31 ŋa31	tiŋ3 1 kh a31	tɔ31 pi3 5 a33 nɲ i35	the53 kuw3 3	phi3 3 ma 31?	©-ti3	23 1.1
3 1 6	shirt	bje31	k ^h -ʎ33	khɬu22	phiã31 2 phiu4 4	lɔ44 ka ŋ13 pa ŋ44	ʎa33 x a33	hlap 33	fi35 khɔ 31	khuw3 3 bu5 3	a33 x ɔ31	bun1	22 7
3 1 7	socks	suw31 ti 33njap 35 kha 33	tʔ ^h i33p o55tʃo3 3		khie31 tɲa35	khe13 tu13			la31 si33	khuw3 3 bu5 3	nɔ33 ʔ bɔ3 1?		
3 1 8	shoes	suw31 t hɬuw33	t _h i33n ɔ33hç3 3\hue33		khie31 tua35	khe13 to53	khuw55 tɕoŋ5 5 xa55 la31	ba3 1 ka p31	ʎi35 tɕhɔ 31 khuw3 1		se31 ʔ nɔ3 3?	(?)- napL	23 0
3 1 9	sleeve	bje31 l a33 pu 35	k ^h uw331 e33		lo33 ku ã55 pia 33		la31 p o33 ʎa 33 xa3 3			phuw5 3? kh uw53 phuw5 3 la3 1?	la31 bo31 bo31 xa31\ xe31		
3 2 0	collar	bje31 k hu33	k ^h uw21e 21lo21 ɲa33la3 3		phjã33 kuã55		ʎa33 x a33 nu 55 xoŋ 55		phi33 kh ɔ31 ɔ31 l uw35	pho5 3 ko2 12	a33 x ɔ33 l ho33 xe31		
3 2 1	straw hat	i35 tɕu 33	oʔ55tʃo 33		mɔ44 l ɔ44	xu53	pu31 t ɕhoŋ3 1				ja31 mɔ55 \u31		

3 2 8	ring	lja33 pi 35	le33pi5 5		lɔ̃31 ɲi 44		la33 k oŋ55	la31 pjut 31	nu35 tɕ hɔ31	la31? pe21 2	ny55 pe31	?- ban2	23 5
3 2 9	shoes, (straw)		ʔɕ55ɤɕ 21nɕ33		khe312 tua35	khe13 to53							
3 3 0	cloth sling 'carry baby'	a35 gu p35 ɕi3 1			a mi44 tua44 ɕ ɔ44	tie53	ʔe33 p e33 la 33 sa3 1			ta31 ke53 ʔ	bu31 ʔ the 31		
3 3 1	rag 'for dustin g'	dzo31 dzu35 su31 b a33					ʔaŋ33 tɕhɔ31 khi55 ʔe55	hna m13 tsh ɔŋ1 3			pha5 5 tsh ɔ55		
3 3 2	blanke t	bu13 t i35	bi44tʃh o33		tua44	to44	pin33 pu33		ʔa33 ke3 5	ka31 lu53?	a55 b u33?	boi	37 9
3 3 3	pillow	i35 gu3 3	ʔɕ55ɤɔ 21nɕ33		mɔ̃312 kue44	mɔ̃13 g ui44	tu33 k um31		ʔi31 ki3 1	u35 ko53	u31 ya55\ tɕe33 tshu 31	m- gum2	38 0
3 3 4	bed	khɬu3 3 lu33 du31	ndʒuŋ2 1		li53 31	ɣɔ taŋ13	ʔaŋ33 ku55	tiŋ1 3 ts oŋ1 3					
3 3	mat	bu33 z m33	b'21ji3 3	be21	se35	pu44 si 53	vaŋ31 kha55	sat1 3	ʔa33? 33?	tɕə dze5	ɣɔ31 sɔ33\ 31	?- pu3	25 6.2

5		u33	3		53	kha55	3	33?	dze5	sɿ33\ phu3			
3 3 6	thread	t̃ɕhɛ31 ŋ33	tʃhɕ21 pɕ33	tso21 p a44	mie53	me31 unique	khunɿ5 5	khur ŋ13	khur33	sa31 khur5 5\khu 55		38 3	
3 3 7	needle	ŋu53	ŋgo33 l o33		tʃu44	tʃu44	ku33 kam31	kha 31 t	ku33 ke3 3?	yu31 ?	a33 y o31?	g- rapL	38 2
3 3 8	door		ŋga33 mi33		ŋkɔ53	kɔ31	ku55 khan3 1	la13 ko4 53	lu35 ku 33	ya31 mi35 tu31	la33 xo55 lo55 yɔ31 ʔ\lo3 3 yu 31?		
3 3 9	house	hɛ31	nze33	ʔe21 ni 22	pue44	pa44	him55		ja31 tɕh ɣ35	ze53	la33 xo55 \xy5 5	yim1	34 1
3 4 0	village	hu35 t̃f̃ ɛ53			lɕ)31	loŋ13	phu33		tʃɔ35 mi 35	gu33 tɕhi3 3	tɕho5 5 phu 31	kakH	35 5
3 4 1	steps	ndja35 thu35	do21 t̃f̃ ho55		qa53 ze 31		ku55 tɕham 22		ku55 th a33?		ka55 dzu3 2\tau	dzam 3	35 1.1

						33			3\tsu			
									33			
3 4 2	plow	ndzu31	thai21 j i44		sç31 tç e44	tçhe44	laŋ55 ja33 t he55 ? aŋ33 s o31		nu33 tshe 53	no31 tshe 31		
3 4 3	harro w	tça53 x u31	?a44 ke 33		lç)44 m bç31	bɔ13 z aŋ13	man33	kha35 se 31	ha31 kha5 3?	la31? ka33 ?		
3 4 4	(large) hoe	dju35 k hu31	pan44 t fo33		bie53	bie53 k a31	tçhe31	khɔ31 tç hu33	tçi35 qu5 3?	tshe3 1? yu 33	?- gukH	26 1
3 4 5	hamm er	ça35 th tu31	va33mb u33		vue53	da53 ŋ gu13	tu55	hɔ31 tçu 33	khy5 3 tsh o53?	su33 tso55	C-tu1	26 9
3 4 6	anvil	çi31 di p35 k ^h a33	ŋa55gi3 3							ya33 tse3 3\pa5 5	bi1	26 8
3 4 7	fishnet ·moon A TM ?	fa33 bj e31	mom33 [borrow ed from tai]				pa55 hji4 53	ŋa31 ba3 3				
3 4 8 3	bucket , basket bowl	thwan3 l tçi35 a33 ça			kua44 te312	ko44 ti44	sa55 xo31 p	khu 31? khɔ33 s	te31 çi33 kho5	bç33 si55 xo31		

4 9	35	33	33			hiu55		u31	3	ma31			
3 5 0	chopst ick	ma33 d zu31	tho54 ma21	thu54 ma21	tɕhie35	tɕhie53	ta55 t han31	thu3 1 ta m13 tha n31 sɤ3 3?	thə31	a35 t su33	tɕu31 da55	d/gy/ j/ɥu1 /3	24 8
3 5 1	pot	i35 ja5 3 kha3 1 da31 pha31	tʃha33p iŋ33		bue44	tɕo13	hu31	ba1 3 kh uaŋ 13	la31 pha 31 tɛ35	ɕi31 hu31	la31? tsu3 1?	?o2	24 2.1
3 5 2	rice pound er	tʰu33 ma31	i33tʃhə ŋ33		tɕ)44		luŋ55 thoŋ5 5 tɕhe n55				me31 ʔ\phə 31? t shu5 5		
3 5 3	peg, wood												
3 5 4	winno wing basket	fa33 m a33	fa44te3 3ma33		pua31	pə13	ko33 x aŋ31 a nd za5 5 ma3 3		kə33 ʔə3 5	ha33 ma33	ɥu55 ma3 3? m a33? ma33 ?	?- wa1	24 1
3 -	carryi	i35 dja	kaŋ33		mbua4	bə44 t			pɛ31 pa3	thɛ33	bɛ31		

5 5	ng pole	33 jap3 3 kha3 1		4 tu31	u13			5	ta21 2	ta33		
3 5 6	cage, ducks/ chickens	ja31 hε 33	ze33me 44e21b o21	γo44 zo)31	su53	ya31 k u33		a31 khe3 5		ha33 ? ku3 3?		
3 5 7	rope	i33 tɛh a31	tʃe33pa ŋ33	tu53 ts ç35	tɕɕ53	ti31 n a31		pɔ31 na3 3 nε31 t u31	tɕa33 pu31 tɕa5 3?	tɕa33 ? bu 33?		
3 5 8	sickle	pa31 li 35	ʔi21kha 33	ʔi21 kh u22		ku53	ze31 k o31	tsiu 31	ze31 γu31 ? qɔ3 5		C- gapL	26 3
3 5 9	axe	ɕa35 ts̄ hu31	va33mb u33			vɔ31	va31 l e55	khu an1 3 bo 33?	ha35 tɕɔ 35 3	tse35 tse5	?- cin2	26 0
3 6 0	knife	mi33 tʃ a35	mi33 th a54	mi44 th a54	mua53 tshɔ44	than44 ʔa31	than33 aŋ3 3	hmj 35	le35 hu ho31	a35 k 35	taN3	25 7.1
3 6 0	knife	mi33 tʃ a35	mi3 tha 54								?- mi(a))1	25 7.2
3 6 0	knife	mi33 tʃ a35	mi33 th a54		thā44	than44			le35 hu3 5		ta2	25 7.3
3 6 1	plane	thui35 bau31							ba33 te3 5	tsha5 3? tu		

1									31		
3	chisel	ɕi33 dz	ɣu21 m	zã53	tɕoŋ31	bit3	tha31 ze	tha53			
6		u31	a33 [me			3 se	31	ʔ tso			
2			ans 'sh			n31		31			
			uttle']								
3	loom	ja33 m	ɣu21 n			hna		pha3			
6		a31	i44			m13		3 tɕi			
3						ja3		53 tu			
						1		31			
3	loom	dzu33 t	ɣu21 n			hna			(g)-	38	
6	shuttle	ɕɛ35	i44			m13			rakL	1	
4						ja3					
						1 sɤ					
						33ʔ					
3	charco	mi35 jɛ		mi53 ja			mi31 tɕ	sə53	swe2	33	
6	al	53 ɕɛ3		31			u55	mi21		2.1	
5		3 lɛ33						2 gu			
								31			
3	dock	i35 ba3			laŋ33			lɔ35			
6		1 mi35			ta31			da53			
6								ku31			
3	raft	i35 ja3	ma33po		ha31 p		bɛ31	pha3			
6		1 gup3	33		hiu55			1 tɕ			
7		3 kha3						u33			
		1									
3	boat		nu54 f	nu54 f	tʂha31	luŋ1	lɔ31 khe	lo31			
6			a54 do2	a54 do2		3	33				
8			1	1							

7	1	lui35	3	a44	yā	aŋ55	33			
8		du53		31						
3	blade,	gu33	lu							
7	back	33	ɬu3							
9	edge	5								
3	bag,	ka35	tɬ	pai55\5	mbç44	kha55	fə22	pha5		
8	sack	u53	çi3	4		pe55		3ʔ	ɣ	
0		3	tu31					u33		
3	drum	nd̄ʒɛ31	kaŋ35to	qū53		thuŋ3	thu31	p	tum/j	37
8			33			1	hu31		um2	5
1										
3	gong	t̄çha53				t̄çhaŋ5	ki31	khə	loN1	37
8						5	kan3	31		4
2						3	the3			
						3				
3	trump	pi33	li	pi33li4	qua44					
8	et,	33		4						
3	reed									
3	chines									
8	e									
4	violin									
3	song	su35	za	a44mə3	zu44	zu				
8		33	tha3	3n̄ç21v	44	phe				
5		3		a33	53					
3	story	wa31	d		tā53	m				
8		a35	tji		ç31					
6		31								
3	festiva	ja35	ga		tsā44	tē				
8	l	33	lu3		44					
7										

7 3 8 8	late	5 n`33 na 33	a21do2 lɣu21n i33	mja44	khui53	mien3 1 tɕhi 55 li5 5	me35 le3 3	ma33 \mja 33	(k)- l(y)ay 3	56 5	
3 8 9	early	hu35 nj a53 ɬu 35	hěʔ55\5 4ku33lo 33le33	nɕ44	nɕ13	na55	na33ʔ	te31 na31	so33 na31 ʔ		
3 9 0	old (thing)	i35 ɬu3 3 ma33	e33khɿ i55ma3 3	ʒõ44	li13	ʔaŋ33 ʔuun55	a31 li35	i55 y 55 y 55	?-bi2	53 7.1	
3 9 0	old (thing)	i35 ɬu3 3 ma33	e33khɿ i55ma3 3						?-li1	53 7.2	
3 9 0	old (person)	mu33 k ha33	e33khɿ i55ma3 3	mõ53	muŋ31	nə1 1	ze31 mɔ 31	a31 mɔ53 31	tshɔ5 5 mɔ 31	maN 2	53 5
3 9 1	new	i35 su 31	e33si33 ma33	ɕi35	xi53	ʔaŋ33 su31	a31 ɕi31		l33 s u31ʔ	C- SikL	53 6
3 9 1	young	ɬja31	e33si33 ma33	qhɕ)55		ja31 n en55	ze31 ku3 1	za31 ku31	nay2/ 1	53 4	

2												
3	far	vɯ31	m'21li2	lei44	lei44	ko31 l	mi35 u3	a31 p	ka33	we2	75	
9			lva44,			o31 m	l	a53	mɔ33		0	
2			da21nɛ			a33						
			33paŋ4									
			4									
3	near	ŋɛ35 tu	da21nɛ	tho44	thu53	ni31 n	ʔa33 nu	a31 n	ka33	b-ni2	75	
9		33	33paŋ4			i31 ʔa	31 nu31	ɛ53	ne31		1	
3			4			31						
3	sticky	su35 tu	nɛ33\2	ndza35		pa33 l	a31 nu3		mɔ31			
9		33	4tʃaʔ55			i55	l a31 nu		\mjɔ			
4			\54na33				31		31 ts			
									hu33			
3	slick,	zu31	xhi55tʃ					lɛ35	kɤ55			
9	slip		aʔ55\54					ke53	tɕy3			
5			na33					ʔ	3 tɕy			
									33\i3			
									3 kɔ3			
									l kɔ3			
									l			
3	good	ŋ31 or	ŋga21tʃ	ʔi44	ʔi44	mu33	me35 m		mu3	?-	56	
9		sa31	aʔ55\54			ʔe55	u31		l	min1	3.1	
6			na33							/2/3		
3	bad,	mɔ33 ŋ	ma21ɤa	ma53 ʔ		ma33		tɕe31	ma33			
9	deficie	31	21da44	i44		mu33		ʔ tɕh	tɕa3			
7	nt					e55		a31ʔ	l\ma			

3 9 8	alive	ndza33		su312		ʔaŋ33 te31	ti33ʔ	a31 t e31ʔ	31 m u31 dɛ33	datL	55 3	
3 9 9	dead	su31	si33de2 4	çie312		ʔaŋ33 si55	aŋ3 3 s u13	a31 s u53	çi55			
4 0 0	kind 'hearte d'	na33 n a33 vɛ 35 na3 3 ŋ31	e21ŋii5 5m'ŋ33									
4 0 1	hard	tʃha31	khɯ33t ʃa55\54 na33	qhɔ35	kɔ53	kho33 khonɣ5 5	ʔa33 kha 55	ho33 ku33	ø33 ɣ ɔ55 ɣ ɔ55	krok H	52 9	
4 0 2	soft	nu31	ŋe21ŋe 21ndu4 4, ŋe21 ŋe21	ŋu53	nø53	nu31 ʔ e55	ʔa33 nɔ3 3ʔ	s212 nu35 nɛ53 ʔ	i33 n ɔ31 n ɔ31	C- nu2	52 8	
4 0 3	big	zu35	he33tʃa ʔ55\54n a33	du312	du13	hu31 luŋɣ31	zu33 me 33	a31ʔ u31 l u35	ɣa55 xu31 \i33 xu31 xu3 l	k/?- ri2	75 6	
4 0 4	red	nu31	e21nu4 4pa21	ne312	ni13	ne55 l e55	aŋ3 3 hn e13	ʔa33 nu 35 lu35	a212 ŋi35	i33 ŋ i55\n ɛ55	?-ni1	50 2

4 0 5	white	tʰu31	e21xu4 4pa44	phiu31 2	phiu13	phi55 liu55	aŋ3 3 pa 33ʔ	ʔa33 fu3 5 lu35	a212 phu3 3	i55 b a33	plu1	50 7
4 0 6	black	nja31	e21nu3 3pa44	nç44	nɔ44	na33 l a33	aŋ3 3 da 33ʔ	ʔa33 na5 5 la55	a31 n a53ʔ	i55 n a33ʔ	C- nakH	50 3
4 0 7	green	nu33 p u31	e21nɔ4 4pa21	nua312		nɔ55 l uŋ55	aŋ3 3 hj a13	ʔa33 ni3 5 li35		nɔy55 o33\ i33 n y55 nɔy55 u33	C-ɔ1	50 8
4 0 8	dark 'sky'	n31 su 33 lje3 1				muŋ3 1 khi3 1		me35 lɔ3 5		u33 ki33\ tɕi33		
4 0 9	yellow	ɕi33	e21hi33 pa21	çi312	xi13	su55		hu35	a212 si33	i33 ɕ y55	s- rwe1	50 6
4 0 1 1	flower y 'varie gated' narro w	nja35 t̃ s ^h a31		dza44	kei13	tha33 than31		ʔa33 tɕh ɛ31	tɕɛ31 ku3 5	ɕa33\ i31 t hɛ31 thɛ31	?- nakL	52 6
4 1 2	wide	dlɛ31	he21tʃa ʔ55\54n a33	qi44		ku55 luw55		a31 lɔ33	tɕ315 3ʔ ke 31	ki33 lɔ31\ y33	glay1	52 7

									ky55			
									ky5			
									5			
4 1 3	vertica l	wa31 t ap35 k ha31										
4 1 4	horizo ntal	i31 tap 35 kha 31										
4 1 5	cold	dja31	guʔ44t ʃaʔ55na 33	ta312		ʔaŋ33 tʃho31	aŋ3 3 b uŋ1 3	ʔa33 le3 3ʔ	tse53 ʔ ka2 12	i33 ts ε31ʔ tse31 ʔ	C- grak H	51 4
4 1 6	cool	su33 d zu31				ŋa55 ʔ aŋ55		a31 le31	gɔ33 tɕu53	tɕe31 ʔ su3 1 le3 3ʔ	©-m- gaN1	51 5
4 1 7	hot	u31	noʔ21tʃ aʔ55na 33	mia44	mia44	loŋ55 ʔe55	aŋ3 3 hl uŋ1 3	a31 lo35		i33 l ho55 lhɔ55 ʋi31 t ɕhu5 5 tɕh u55	?- loN1	51 7
4 1 8	heavy	u35	niʔ55tʃ aʔ55na 33	qha44	kha44	khɯ33 khɯŋ 33		a33 li31 phi55	ho53 ku33	i31 k ho33 kho3	C- li2	56 4

4 1 9	light weight	he31	sɔʔ33tʃ aʔ55na 33	tʂɔ53	tʂɔ53	phie33 laŋ33	a31 jɔ35 lɔ35	3 pha5 5 sa3 1ʔ\i3 3 phj a55 p hja55			
4 2 0	spicy	phjɛ31		phẽ312	phiɛ13	phi55 ʔe55	a31 fi35 fi35	phe3 3	la31ʔ phi3 3 tshi 55\la 31ʔ p hi3 p hi33 bo33 ka31\ bjo3 3 la3 3	pi1	54 8
4 2 1	insipid	ma35 t so33	ma33tɕ hu33l\d a33			tʂɔ33 l o31	a31 jɔ31				
4 2 2	salty	kha35	kha33tʃ aʔ55na 33	sɕ44 de 312	sɔ44	kha31 kha31	kha321	kha5 3	xa31		
4 2 3	sour	ḍzu53	tʃu21tʃa ʔ55na3 3	tsa312	tɕa13	tɕha55 tɕhan5 5	a31 tʂhr 35	tɕe33	i33 t ɕhɛ5 5 tɕh ɛ55	?- kyin 1	54 9
4	sweet	mjɛ33	tʃhu21tʃ	tā44 ŋu	tɕho13	tɕhø55	a31 su3	tɕho3	i33 t	kyo1	55

2 4		aʔ55na 33	e31		lø55	5	3	ɕhy5 5 tɕh y55		1
4 2 5	bitter	k ^h aʔ35 kha55\5 4tʃaʔ55 na33	qhɔ44 qiu53	khɔ31	kha31 kha31	a31 tshi3 5	qha5 3	i33 x a31 x a31	ka2	55 0
4 2 6	fishy smell	jɛ35 nu 33	zẽ44 qẽ 44 ne4 4			a31 nɛ35		i33 ɕ a55 ɕ a55\ɕ a55 l ha31 ʔ le3 lʔ		
4 2 7	fragra nt	mje33 e21bi21 suʔ21tʃ aʔ55na 33	nie35 q he31	khɛ13	ho55 l oŋ55	ni31 nɛ3 5	hɔ35 nu31	i33 s ɔ55\ so55 lha31		
4 2 8	smelly (bad)	nu31 tɕu21 tʃ a55ʔ na 33	qe53 ni 31 ma3 5 qhe3 12	ny13	na55 n am55	me35 nɛ 35	a31 k u53 nu31	be31 lha31	?- nam2	51 3
4 2 9	astring ent	tso33	pua44			a31 phɛ3 ɹ		i31 p hɛ33 phe3 3		
4 3 0	high	mu31	kɔ44	gaŋ53	mo33 moŋ33	ju35 mɔ3 5		ta55 ku55 \kɔ55	(?)- mro N3	75 8

								\ku5 5			
4 3 1	tall		mu44 tʃ a55? na 33				ju35 mɔ3 5				
4 3 2	low	ŋai33	taŋ33 d e35	pe35	ŋɛ53	ni33 li n33	a31 ni33	o33 p hɛ33 ?	?-n- yim3	75 9	
4 3 3	short				de53			ŋɛ33	dɔ31 lu31?		
4 3 4	rotten	bu33	bo21 hi 33 de35			?aŋ33 phu31	a33 phu 31		dɔ31 m- phu3 bupL	55 2.1	
4 3 5	full	dlɛ33	e33 boŋ 33	pe31		piŋ33 ʔe55	bjw31	bi53	bɔ33 m- ʔ\bjɔ 33?	blIN 3	54 7
4 3 6	empty	du31									
4 3 7	wet	ɕe33	ʔi21 thi 21 ʒi33 de44	ʔiã53	bie44	?aŋ33 tʃhan3 3	a31 tɕe3 5 tɕe35	a212 be35 tɕu53 ?	i31 t (s)- ɕɛ55 akH/ tɕe55 L	54 0	
4 3 8	dry	fu33	fi33 xo 33 khuŋ 33				a31 ku3 3 ku33	a31 v i33 k u53	ku33 s-we2 sa33	54 1.1	
								ʔi33			

								ku3 3 ku 33			
4 3 8	dry	fɯ33	fɨ33 xo 33 khuŋ 33	pi31	pi13	ʔaŋ33 ku55	a31 ku3 3 ku33		gwe3	54 1.2	
4 3 9	bald	i35 tɬa 33 ma3 1 bu35		mɔ31 q hi44							
4 4 0	raw, uncoo ked	i31 dʒe 35	e21dʒo 33pa44	ʔo35 zē 53	zɛ31	sa33 t ɕem31	a31 tɕi31	sa21 2 tɕ u53	ɕa33 tɕu31		
4 4 1	ripe	mʒe31	mo21 la 33 de44	mē44	mie44	sa31 miŋ33	a31 tɕa3 ɿ	a31 me33	mo33 a55\ ɕa31 mo33 ʔ	s- miN3	76 4
4 4 2	carry on ends of pole	vja31		mbua4 4	bɔ44		la33		theu5 5		
4 4 3	carry on should er	tja33				pa31 ʔ e55	ve31 ɿ 31 ba3ɿ	ba31 ʔ	bo2	66 1.1	
4 4 3	carry on should	tja33					ve31 tha 31 ba3ɿ		bakL	66 1.2	

er												
4 carry,	ɕi33		tɕhi44				hɤ33		le31			
4 hang									du33			
4 from hand									ʔ			
4 carry,		de33 ɣa	ndʒa44				la33		u31 l			
4 middl		33 [ɣ\ʋ]							a33			
5 e of pole												
4 chase,	suw33	ba33 tu					jɔ33 phi					
4 to		44					3ɿ					
6												
4 come	li31	ʔi33 ge	pue44 l	kaŋ31	le55 ʔ		kɔ31 la3	qo31				
4 back		44 la33	ɔ31	lɔ44	e55		5	ʔ				
7 ·home ,		ba33 [b \v]										
4 come	suw33 li	ʔi33 gu	ti53 kɔ	zɔ44		la33	za35 kh		xi55	la1	64	
4 (up)	33	44 la33	31 zɔ44				wu35 la3		ka55		9.1	
8		de44					5		la55			
4 come	suw33 li					la33	za35 kh			li3	64	
4 (down	33						wu35 la3				9.2	
8)							5					
4 go	luw33	ŋga33 l	a53 kɔ4		ʔe55		za35 gɔ3		i55 k	le3	64	
4		wu33 ba	4 zɔ44				1 le33		a55 i		7.2	
9		44 [b\v]							55			
4 cut	di31	duw33 b	mɔ53 p	ɣui13	thaŋ33		le35 hu		mja3	ʔ-	62	
5 (with		a44 [b\v]	ã312 ʒi		ʔa33ʔ		55 sa33		3 tɕe	dOk	3	
0 a knife)		v]	44		ha33				55 nɛ	H		
					je55				55 je			

4 cut, to	tɕhɛ33		mi44 n	tʂhue4		se35 the		31		
5 ·with			dzu44	4		33 si31				
1 scissor			pa31 n							
s'			dzu44							
4 draw	ɕɛ33					u35 tu3		xo33		
5 water						1 hu33 t		tu33		
2 ·from						a33		yu55		
well'								tɕu3		
								3 ta3		
								3?		
4 dip	xu33	ʔa33 o3	je31 kh			i35 tɕo3	ka33	u55 t		
5 water,		3 no21	ua35			1 khe35	ne35	ɕo33		
3 to		va44 [v						khu3		
		\w]						1\kxo		
								31		
4 drain,	khui33		je31 ph			i35 so33		tʂa31		
5 to			e55			mi35 to3		sa33		
4						3		ʔ		
4 kill	xa35	ze33 m	se35	si53	tshe33	si31		se31?	C-	70
5		e44 di3			ʔe55				satL	6
5		3 va44								
4 blow	mɿ31	mi33 ba	pua44		mø33	su33	mu5	bø33	s-	69
5		44			ʔe55		3?		mutH	0
6										
4 boil	dlui35	tʂhe21	je31 tsã	ŋgui13	tɕhu33	i35 so31	ə35 k	ba31	C-	63
5 (water		du33 v	35 que		ʔe55	ba31	a35 t	bu55	dzak	9
7)		a44	31			31	ɕa53		H	

						ʔ bu		
						31		
4	mow,	dlɛ35		qhɔ312			je31	
5	to			yi24				
8								
4	open	khɯ31	ŋe21 kh	mue53			me33	
5	mouth		u33 va	tā44			bo33	
9	, to		44				ŋa55	
4	pat, to	tha33 b	le33 kh	lɔ33 vu		la31ʔ	la33	
6		a31 tsu	a44 di3	ā35 puē		pu33	xɔ55	
0		33	3 va44	53		tha3	tɕi31	
						1	\ti31	
4	pull,		hu21 v	nda31	nda55	gɔ31	ɣu33	
6	to		a44 [v\				ʔ	
1			x]					
4	push	su33 tɬ				ni31 tɕe3	pa33	
6	wood	u35				1 ju33 k	je31\	
2	in fire					he33	lhu5	
							5 dɔ5	
							5	
4	roar	mɿ31	a21na2	qɔ53 ke		le31 mu	xa33	m- 67
6			lŋɔ33v	53		55	tɕa55	(b)u1 5
3			a44				ky3	
							lʔ\xa	
							33 la	
							33 tɕ	
							y31	

4 6 4	bark	ɕu31	tʃhi33m e44ŋo3 3va44	khue55 lɔ31	mɛ13	hoŋ33 ʔe55	ma35 kh u55 lɔ55	lɔ31	a33 k hu33 tse3 lʔ	h/lo N1	67 4
4 6 5	crow ·chick en', to	ja33 ph u35 go 31	ze33me 44bu33 va44	ɣo55 m pua31	mɛ13 b ut mbo l3 is c ow ba wl		a33 tɛ35	bɔ31	a33 x a33 t e55		
4 6 6	row/p unt ·boat', to	fi31					lɔ31 hu3 3	gɔ53 ʔ	lhɔ31 lhu 33ʔ		
4 6 7	shout, screa m, to	ʔu33 m i33	tʃhe55ŋ kh-i21 ni21va 33	ku31	ku13		ku35		khɔ5 5 xa3 3 lh u55 tse33 \ khu 55 ɕi 55		
4 6 8	stand	kwa31 ta35	no21va 44	sua35	ɕo53	ja31 me55	thɔ33 fɔ 35	tu33 vu35	khi3 1 thu 55\ a3 1 ta3 3 xjɔ 31ʔ	?- tu/o N1	68 6
4	sit	na13 t	ni33va4	tɛ31	tie13	oi31 l	pu35 sa	mu3	tɕo55	©n/?-	68

6 9	u31	4			a33 n uŋ55 ʔe55	31	3	ka33 ʔa33 u31 tɕo55	mi1	5	
4 7 0	run	ka31	khe33v a44	qhei35	khei53	tʂhaŋ3 1 ʔe55	so31	tɕi35	khi3 1 ɕu3 3 ɕu3 3	p-re2	65 0
4 7 1	scold, to	bja31	gɔ33si3 3va44	mbɔ31	boŋ13		khe33 fu 35	de53	te31 or ja 31		
4 7 2	see, to	u33	ʔi33si3 3va44	le312	man13		t31	ŋɔ35	xu33		
4 7 3	set a trap, to	tjɛ33	va33te5 5kh-i2 1va44 [kh-ʔx]	tɔ31			ti31	u35			
4 7 4	sharpe n knife, to	ɕu35	mi33ta3 3si33va 44	mua53 bɔ44	bɔ53		le35 hu3 5 su31	ɕi212	ma33 tɕo5 5 si3 1\mj a33 x i31		
4 7 5	skin ·anima l', to	tsho33	e21gi21 kh-i21 va44 [k h-ʔx]	ŋgie53 nɔ44	bia44 or khie 53		a31 khɔ3 1 lɤ31	khe5 3ʔ	sa31 ku55 lhu 31ʔ\s		

4 clear	zu31	na21tʔh						a31 k			
7 field		i21va44						u55			
6								jo33ʔ			
								to33	C-	61	
								xja55	mya2	7	
								pe33			
								ʔ			
4 soak,	ti33	ʒi21ge4	jie31 ti			za35 ko3	ti53ʔ	pa31			
7 to		4di33va	44			1 me31		du33			
7		44						ʔ			
4 steal	kho35	khu33v	mɔ55 q	kho44	kø33 ʔ	ʔu31 m	qhɔ5		ko2	61	
7		a44	u44 mu		e55	u31	3 ju3			5	
8			33				1 qhɔ				
							53 ts				
							a53ʔ				
4 steam	ŋ35	gi33la3	qhɔ312		ʔuɯm5	sa31	ta31	xɔ31\	C-	64	
7 rice		3va44	nã31 p		5 me5		su33	xø31	sakL	4	
9 (to)			ɔ53		5			dza3			
								1			
4 stir	ji31	ɣu33 b	Nqe312			la33	ɣɔ53	xu55	m-	64	
8		a44					ʔ		kokH	5	
0											
4 stir	tɕin35	e21 the	si312 ts	lu13		a31	su3	hu33			
8 fry, to		21 du3	hɔ53			5 lu35					
1		3 va44									
4 surren		mi21 ya									
8 der, to		44 thɔ3									
2		3va44									

4 8 3	talk, to	wa31 da35 th ji53	tā53 tɛ he312	ŋgui13	sa31 phu 35	gɛ33 da31 ʔ		
4 8 4	tear, to	ɕa35 ke21 va 44	tɕa312		hu33 se 33	dzə3 1ʔ		
4 8 5	tell story, to	a33 biʔ a21 pho 35 tɬɛ3 21 a21 3 phi55 l o33 ti4 4ha21v a44			ka31 u3 3 ka35 u 35			
4 8 6	trade, to	vi31			u35 la3 5 i35 tɕe 31			
4 8 7	marry out daught er, to	su33 d a21mo2 za35 1na21ɾ u21dʒa 33va44		poŋ13	lɔ33 tɕi3 tɕa33 5 na35 tɛ pi53 31			
4 8 8	marry	mi33 je a21mo2 31 njaʔ 1na21ŋ 35 a33va4 4			hu31 me tɕa33 33 zu35		61 2	
4 8 9	wash (cloth es)	bje31 † kh-w2 a33 tsh 1kha33 u35 thi33 v a33	ʒa44	kha33 tɕa31	khi35 thi ku31 33 fi35 h ʔ tsh o31 ɕi31 u53		klo2 67 8	
4	wash	a33 ɕa sɕ44 be		khian4	hɔ31 su tshu			

8 0	dishes , to	35 tsh u35	33 tʔhi3 3 va44	4			31 si31	53		
4 9 1	wash (hands /perso n)	la33 pu 35 tsh u35	le21 tɕh i33 va4 4	dei44	tɕhe33 ʔe55		la31 bu3 1 si31	tshu 53	tse2/ etL	67 7
4 9 2	weigh	ɕa31		tɕi44					tsin1	71 3
4 9 3	write	gu31	ku33va 44	po44	pu44	po33 ʔ e55	bjɔ31		m- bupL	67 2
4 9 4	eat	ndza31	ʔdʒa33 va44	zo53	zo31	tʂa33 ʔe55	tse31	tsa53	dza2	62 9
4 9 5	drink	da31	ʔdu33v a44	ndɔ̃31	daŋ13	taŋ55 ʔe55	tɔ35	do31	m- daN1	63 1
4 9 6	smoke	mi35 k hu53 d a31	za33ɕ2 ldu33v a44	fui35 n dɔ̃31					©- SukH /L	63 2
4 9 7	chew	ga31	ge21va 44		khui53	ʔo33 ʔ e55	kɤ33	bɔ31 ʔ tsa 53	(g)wa 2	63 5.1
4 9 8	scrape , to	kwa33	tʃhu33 va44	qhi35	ka53		ki35 kho 31	ga53 ʔ ba3 1		
4 9 9	ride (horse)	d̥ziʔ35	mo33pa 21dʒe3 3va44	mɔ̃31 z i53	khui31	ka33 moŋ33 ta31 ʔ	kə3 3 33	mo31 da tɕi53	dzi2	65 1

				e55					
5 0 0	roast (over fire)	t ^h u31	khu ^ˊ 33 va44	tɕhi35	kaŋ13	hu55 ph i33	tɕi53 ʔ	?- gaN1	64 1
5 0 1	mow, to		tʃhe21d u33zɛ3 3va44						
5 0 2	sing	tsa31	a44nu3 3nɕ21v a44	tshuã31		tsha35	tsha2 12	mi1	66 6
5 0 3	soak, pickle, to		khɯ21k ha21ʔi2 1ɤe44ti 33va44 [kh\x\q h]	ti44	ti44		u31ʔ ka53 ʔ ti5 3ʔ		
5 0 4	pull grass, to	gu31	na21ŋo 33va44	nɕ) Ng a)31		za35 kha 31 si33			
5 0 5	cook, to	ɕa33 d zaʔ35	dʒa21tʔ e21va4 4	zɕ35 zɕ 31		i35 tse31			
5 0 6	die, to	su31	si33ba4 4	ɕie312	xie13 z ɔ44	ɕi35	sə33		
5 0 7	drown , to	ŋ33 su 31							
5 ~	dry in	ʔu31	se21va4	mɕ53 p	kaŋ13	mi33 sa3	fu35		

0 8	sun, to	4		hui53 l uo44		5 so31	or fu 35 vi 31		
5 0 9	explod e, to	bu31		muẽ31					
5 1 0	fall (down)	dje35 t a31	bə3hi3v a44	qç44		le33 fə3 5		(s´)- gla3	69 2.1
5 1 1	fear	ḍzu53	giʔ33tʃe ʔ55nda 33	vç312		khe33	ku53 ʔ	(s´)- grok H	68 9
5 1 2	soak, to					za35 ko3 3 me31			
5 1 3	fly, to	dlu31	gç33va 44	bā44	baŋ44	bε35	pu31	(b)- yam1	65 9
5 1 4	know, to	gu35 d za31	za21si2 lphi21va 33	tçi55	si44 zə 44	su31	çi212 pu3 5		
5 1 5	reme mber, to	sa33 çi 33	do21hi3 3va33	ndua53	tie55 z ə44	me35 th ɣ33	do53 no53		
5 1 6	forget, to	m̄35 pu 33 ta33	mi21le3 3va44	ma53 ti e31	ma31 t ie13	phi31 e3 3	lə53 fi31ʔ		
5 1 7	get up, arise, to	ta33 du 31 li33	ʔi21de5 5ni21du 33la33v	bua55 t u312	tə44	thə33 fə 35	i53 p hu33 tu33		

5 1 8	bathe, to	ga33 g a33	a44 a44o33t ɕhi33va 44	ma35 n di35		i35 sɔ31 si31	mɔ31 tshə 53?		
5 1 9	bite	thu33	ge21va 44	qhui35		va31 tɕa 35	tshɛ5 3?	C- tsatL	63 4
5 2 0	give, to	bi33	bi21va4 4	pie53	pie31	bi31	pi53		
5 2 1	give birth, to	du33		ɔ44 su3 1	se13	sɛ31 or θ ɛ31	ya53 hu33		
5 2 2	vomit	psu31	e21phi2 lphi21v a44	phie35	phie53	phɛ31 or fɛ31		C- patL	57 7
5 2 3	accept , receiv e, to	ha33	ŋa21ŋa 33va44	ʒɛ31	ʂu13	a33 lu3 5			
5 2 4	accom pany some one	ta33 w a31 lu 33		nda55 ? i312		thi33 ki5 5 zɛ35			
5 2 5	answe r, to	ba33 t u31	ŋɛ35thɥ 33be21 va44			sa35 la3 5			
5 2 6	arrive	i33 za3 1 za31	ʔiʔ55k u33la3 3va44			kɤ35 la3 5	gu31 ʔ la3 1	(k)- rokH/ L	65 4

6		44		ẽ31				2				
5	sleep	i33 taʔ	ʔi21de3	mbua5	bo53		aŋ3	i31 thi31	i35		yipL	73
3		35	3 va44	5			3 ju					5
7							p31					
							ɕau					
							13					
5	smell,	nu33	nɕ21ho		ne53			ne55 te3	gɔ33			
3	to		21va44					1	nu31			
8												
5	wait	ɣə33	nu21va		lā53			tɔ31	lɔ33		C-lo3	71
3			44						ta212			1
9												
5	rest, to	na35 ʔɛ	na3va4		ɕie53	niaŋ44	hna	sa31 nɔ3	ɣa53			
4		53	4				31	3	na31			
0												
5	wake		tʃhi21k		to31			thɔ35 fɔ				
4	up, to		a33va4					35				
1			4									
5	walk	za33 m			ɕiu44			a33 khi5	ɣa31		m-	64
4		a33 su						5 zɤ31	qɔ33		ju/o	8.1
2		35							tɕu53		N2	
5	one	t ^h a33	ɣa21 m	a21	ta53	ta31	tem31	thuu31 lɛ	te53	thi31	t/di2	47
4			a44					31				8
3												
5	two	ŋ33	ni21 ma	ni21 mi	ni44	ni44	ŋim31	ni33 lɛ3	ni53	ŋi31\	s-	47
4			44	44				1		ni31	ni(k)2	9
4											/L	
5	three	sa35	sɔ33 m	sɔ54	sɕ)312	soŋ13	sem55	sɛ35 lɛ3	tse53	su55	C-	48
4			a44					1			sum2	0
5												

5 4 6	four	ɬu35	kh-ɿ33 ma44	kh-i44 khe44	le31	le13	uŋ31	li31 le31	u53	ø31?	b-le2	48 1
5 4 7	five	ŋa31	ŋa33ma 44		ŋç31	ŋç31	ŋa31	ŋa31 le3 1	ŋa53	na31\ ŋa31	Na2	48 2
5 4 8	six	tshu33	khu21m a44	khu21	khç35	khu53	kho31	sə31 le3 1	kho3 1?	ku33 ?	C- krok L	48 3
5 4 9	seven	su33	si21 ma 44	çi21	çe44	xe13	si31	si31 le31	sə31 ?	çi31?	C- Si(k) 2/L	48 4
5 5 0	eight	ji33	ʔe21ma 44		se35	çi53	ze31	i31 le31	he35	çie31 ?	C- yetL	48 5
5 5 1	nine	ku35?	ku33ma 44		kua312	ko13	kø31	ki31 le3 1	qə53	ɣə31\ ɣø31	go2	48 6
5 5 2	ten	ɬu31	ɬhu21 ma44		se312	si31 ə5 3	tçhe55	su55 le3 1	tshi3 3	tshe5 5	tsay1	48 7
5 5 3	eleven	ɬu31 ti 35	ʔa21ɬh u21a21 ma44			si31 tə 31 ə44		su55 th u31		tshe5 5 thi 31?		
5 5 4	twelve	ɬu31 ŋ 33	ʔa21ɬh u21ni2 1ma44			si44 ni 44 ə44		su55 ni3 1		tshe5 5 ni3 1\ni3 1		
5 5 5	thirteen	ɬu31 s a35	ʔa21ɬh u21sə3 ma44			si44 so ŋ13 ə5 2		su55 se3 5		tshe5 5 su5 ɛ		

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5	fourte	ʔu31 ʔ	ʔa21ʔh		su55 li3	tshe5
5	en	uʔ35	u21kh		1	5 ø31
6			-ŋ331m			ʔ
		a44				
5	fifteen	ʔu31 ŋ	ʔa21ʔh		su55 ŋa	tshe5
5		a35	u21ŋa4		31	5 ŋa3
7			4ma44			1
5	sixtee	ʔu31 s	ʔa21ʔh		su55 kh	tshe5
5	n	xu33	u21khu		ɔ31	5 ku
8			21ma44			33ʔ
5	sevent	ʔu31 s	ʔa21ʔh		su55 si3	tshe5
5	een	u33	u21si2		1	5 ɕi3
9			1ma44			1ʔ
5	eighte	ʔu31 ji	ʔa21ʔh		su55 i31	tshe5
6	en	33	u21ʔe2			5 ɕie
0			1ma44			31
5	ninete	ʔu31 k	ʔa21ʔh		su55 ki3	tshe5
6	en	oʔ35	u21ku3		1	5 ɣɔ3
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6	nd	çhi35	33	he312	o31	1 tho	toŋ1	9
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