

## APPENDIX A

### WORDLIST IN FULL SYLLABLE

The following table shows phonetic transcription of the wordlist of 436 vocabularies in full syllable.

MSEA	Nature	Kayah (Kebogyi)	Yintale	Kayaw (Bre)	Monu
1	Sky	mɔ̃k <sup>h</sup> uJ /mɔ̃lɛɛ	mɔ̃k <sup>h</sup> uɛ /mɔ̃llaJ	mɔ̃k <sup>h</sup> oJ /mɔ̃llaɛ	mɔ̃k <sup>h</sup> oJ /mɔ̃llaJ
2	Sun	mɔ̃	tɔ̃Jmɔ̃J	lɔ̃mɔ̃J	luJmuJ
3	moon	lɛɛ	tɔ̃llaɛ	laɛ	laJ
4	Star	s <sup>h</sup> ɛJ	laɛsaɛ	saJ	saJ
5	Cloud	ʔɔ̃lɔ̃	kanɛʔuŋJ	kaɛʔuŋɔ̃	poJʔõluJ
6	Mist	ʔɔ̃lɔ̃llaJpɔ̃J	kanɛtaJdʒɛnJ	mɔ̃lʃiɛɛɔ̃	dʒaJʃiJ
7	Rain	kɛɛɛɛɛJ	kanɛɛɛɛJ	ʃɛɛɛɛɛ	k <sup>h</sup> wɛɛɛɛJ
8	Rainbow	t <sup>h</sup> ʃiɛɛllaJboɛ kjaɛs <sup>h</sup> aɛ	tɔ̃Jmɔ̃llaJʔõl <sup>h</sup> ɛJ	tɔ̃Jpɔ̃lɔ̃	kɔ̃lɔ̃lʃiɛɛboɛ
9	Lightning	s <sup>h</sup> iɛɛllɔ̃boɛ	s <sup>h</sup> ɔ̃lɔ̃vanJ	t <sup>h</sup> iɛɛllɔ̃waJkoɛ	laJwoɛʃɛJ
10	Thunder	mɔ̃k <sup>h</sup> roɛ	kanɛtɔ̃JtonJ /mɔ̃k <sup>h</sup> roJ	klɔ̃lɔ̃mɔ̃Jpriɛ	mɔ̃kɔ̃J
11	Shadow	zoJʔuJ	ʔaJʔuŋJ	kaɛʔuJ	kaJʔuJ
12	Night	mɔ̃k <sup>h</sup> iɛ	mɔ̃k <sup>h</sup> iɛ	lɔ̃mɔ̃Jnaɛ	luJmuJhaɛ
13	Day	mɔ̃s <sup>h</sup> ɛɛklɛɛ	mɔ̃llɛ	lɔ̃mɔ̃Jsaɛ	luJmuJsaJ
14	Morning	mɔ̃liɛ	mɔ̃llɛɛɛɛs <sup>h</sup> anɛ	lɔ̃mɔ̃Jroɛ	luJmuJvoJ
15	noon	mɔ̃t <sup>h</sup> uJ	mɔ̃t <sup>h</sup> oŋɛ /mɔ̃k <sup>h</sup> wɛɛ	lɔ̃mɔ̃Jsaɛ /lɔ̃mɔ̃Jtriɛ	luJmuJbaɛ
16	Yesterday	paɛheɛnuJ	mɔ̃haɛʔaɛ	maJk <sup>h</sup> aɛ	maɛhaɛnuJ
17	Tomorrow	ʃɛlpaɛroJ	mɔ̃ɛɛɛ	duɛmɔ̃Jroɛ	peJvoJ
18	Year	naJ	neɛɛ	deJ	neJ
19	East	dɔ̃lɔ̃ɛɛt <sup>h</sup> ɛJ	dyɛɛɛɛ /sɔ̃l <sup>h</sup> taŋɛ	lɔ̃mɔ̃JhoJ	luJmuJt <sup>h</sup> ɔ̃J
20	West	dɔ̃lɔ̃ɛɛɛɛɛ	tɔ̃Jt <sup>h</sup> ɛɛ /sɔ̃l <sup>h</sup> nuJ	lɔ̃mɔ̃Jlɔ̃ɛ	luJmuJlɔ̃J
21	North	dɔ̃lɔ̃ɛɛt <sup>h</sup> ɛJ	tɔ̃Jdʒiɛ /sɔ̃l <sup>h</sup> taɛ	k <sup>h</sup> õtɔ̃tɔ̃t <sup>h</sup> ɔ̃J	lɔ̃Jk <sup>h</sup> ɛɛJ
22	South	dɔ̃lɔ̃ɛɛɛɛJ	tɔ̃Jt <sup>h</sup> wɛɛ /sɔ̃l <sup>h</sup> laŋɛ	k <sup>h</sup> õtɔ̃tɔ̃lɔ̃J	lɔ̃Jt <sup>h</sup> aɛ
23	Water	t <sup>h</sup> jeɛ	t <sup>h</sup> ɛɛ /t <sup>h</sup> aɛɛ	t <sup>h</sup> iɛ	ʃiJ
24	River	lɔ̃aɛmɔ̃ɛ	t <sup>h</sup> ɛɛs <sup>h</sup> uɛ	t <sup>h</sup> iɛlɔ̃lɔ̃ɛɛ	loJdoJ
25	Sea	t <sup>h</sup> jeɛɛduɛtɔ̃JvaJ	t <sup>h</sup> ɛɛɛduɛkaŋJlɔ̃waɛ	poɛɛɛ	ʃiJdoJʃiɛɛtɔ̃JweJ
26	Earth, soil	heJk <sup>h</sup> uJ	haŋɛ	haɛ	haɛk <sup>h</sup> õJ
27	Mud	paJʔaɛ	haŋɛpeJʔɛɛ	haɛpeJʔɛɛ /haɛpoɛpeɛ	haɛpeJʔɛɛ
28	Dust	heJmuJ	haŋɛponɛ /haŋɛmuɛ	haɛp <sup>h</sup> ruJ	haɛkoJmoJ

29	Stone	lɔːl	lyː	lyː	lyː
30	Sand	lɔːtɔːjmaːl	haŋˈtshaiː	lyːθeːtmeː	lyːʃseːjmeːl
31	Lime(betel)	tʰwiːl	tʰuŋˈ	tʰuːlpʰuː	tʰuːl
32	Gold	tʰeː	tʰaː	tʰaː	tʰaː
33	Silver	ruː	tɔːjmyːljaː	ruː	voː
34	Iron	tɔːtʰeː	tʰyːtʰaː	tʰoːtloː	tɛːtʰoːl
35	Mountain	shoː	shauː	kʰoːtloː	kʰyːtlyː
36	Cave	kroːtkuː	lyːʔuːl	lyːkuː	kʰyːjkyː
<b>Plants, Food</b>					
37	Forest	miːjkleː	shˈajklaː	miːkaː	miːjklaː
38	Tree	θoː	seinˈ	θuːmuː	ʃyːl
39	Branch	θoːjpʰjaː	seinˈpʰaŋˈ	θuːjpʰoː	ʃyːlpʰoː
40	Tree bark	θoːjpʰaː	seinˈbeiː	θuːjpʰeː	ʃyːlpʰeː
41	Thorn	shuːlʃaː	tɔːjshauː	ʃiːʃshoː	taːʃiːlʃoː
42	Root	θoːjrwɪː	seinˈweiː	θuːtkʰoːtrwɪː	ʃyːlkʰoːlwiː
43	Leaf	θoːljeː	seinˈlaː	θuːljaː	ʃyːllaː
44	Flower	tɛːjpʰoː	taːkɔː	taːtpʰoː	taːjpʰoː
45	Fruit	θoːjθeː	ʔaːʃaː	taːtʰaː	taːʃaː
46	Seed	ʔaːjloː	ʔaːjpʰloː	taːtʰlyː	taːjpʰloː
47	Grass	miːjθeː	naŋˈ	miː	miː
48	Bamboo	veː	vaː	hwuː	voː
49	Bamboo shoot	ʔiːjbaː	baŋˈ	boː	boː
50	Mushroom	krwɪː	kuŋˈ	dʒuː	guː
51	Cane/rattan	riː	xiŋˈ	riː	weː
52	Kapok	tɔːjpʰoː	tɔːjpʰaiː / tɔːj	tʰyːpʰoː	tʰyːjpʰoː
53	Sugarcane	diːkljaː	tʰiːlbauː	dɔːtkʰleːtboː	diːjkʰleːjboː
54	Betel nut	meːtʰeː	maːʃaː	maːtʰaː	meːʃaː
55	Opium	pʰiː	pʰjeŋˈ	beinˈ(Bur)	pʰjeː
56	Liquor	tʰjeːtshɪːpʰrɛː	ʃiːtkʰoː	θiː	ʃelkʰaː
57	Banana (fruit)	diːklwiːtʰeː	ʃaːkʰlweiː	joːtʰaː	joːʃaː
58	Papaya (fruit)	diːklwiːlʰeːtʰeː	maːʃaːtpʰoː	joːdʰyːtaːplaː	duːjklulʃaː
59	Mango (fruit)	tɔːjkʰjaːtʰeː	tɔːjkʰoːʃaː	θoːtkoːtʰaː	ʃoːjkʰoːʃaː
60	Jackfruit (fruit)	moːlljaːtʰeː	maːklyŋʃaː	maːtoːtʰaː	moːlloːʃaː
61	Coconut (fruit)	maːʔuːtʰeː	maːpaːʃaː	ʔuːtʰiːtʰaː (Bur)	moːʔoːʃaː
62	Eggplant (fruit)	kjaːtʰeː	tɔːjgaːʃaː	goːtʰaː	goːwoːʃaː
63	Peanut	koːlbiːʃuːl	biːtʰuːtʰaŋˈ	boːtʰaːjhaːkɔː	ʃeːjbeːʃuːʃaː
64	Ginger	taːʔaː	tɔːjʔeːlʰeː	θeːʔeː	ʃeːʔeː
65	Garlic	pʰoːtʰoːlbuː	kloːjbuː	praːjhoːjbuː	poːjhoːlboː
66	Corn	kuːjkʰeː	buːtkʰeː	θuːjbuːtʰaː	kʰoːtkʰleːʃaː
67	Red pepper	θeːʃaː	piːduː	θeːtʰaː / θaːjʰeː	piːʃeːlʰeː
68	Paddy rice	buːtʰeː	boː	buː	buː
69	Cooked rice	diː	miː	diː	deː
70	Pounded rice	xuː	hauː	xuː	xuː
71	Salt	ʔiːʃeː	ʔiːʃaː	diːtʰaː	ʔeːʃaː
<b>Animals</b>					
72	Animal	tɛːjpʰultɛːlʃeː	taːjpʰultajlaiː	taːtpʰuːtʰaːliː	taːjpʰoltaːliː
73	Tiger	pʰmɛːtkʰiː	pauːjkʰiː	kʰiː	kʰjeː/klaːleː
					pʰoː

74	Bear	t <sup>h</sup> eɪ	t <sup>h</sup> agɻ	t <sup>h</sup> aɪ	t <sup>h</sup> aJkɻJbɻJ
75	Deer	krɔɪ	tʃul	k <sup>h</sup> ɻJ	k <sup>h</sup> ɻJ
76	Monkey	zɔɪ	juɪ	ɻɻɪ	ɻɻJ
77	Gibbon	zɔɪkwɪ	juɪtʃɪnɪ	ɻɻɪgɪɪ	ɻɻJkɛJʔeɪ
78	Rabbit	daɪʃeɪ	t <sup>h</sup> weɪɪkloɪ	dɛɪθaɪ	dɛɪʃaɪ
79	Porcupine	ʃuɪ	ʃoŋɪ	θuɪ /θaɪbaɪ	ʃuɪ
80	Rat	zɪwɪ	ɻauɪk <sup>h</sup> uŋɪ	ɻuɪ	ɻuɪdɻɪ
81	Dog	t <sup>h</sup> wɪɪ	t <sup>h</sup> weɪɪkloɪ	t <sup>h</sup> ɻuɪ	tʃɪɪɪ /t <sup>h</sup> wɪɪ
82	To bark	ʔɔɪ	ʔɻɪ	ʔɻɪ	ʔɻɪ
83	To bite	ʔaɪ	ʔeɪɪ	ʔeɪ	ʔeɪ
84	Cat	t <sup>h</sup> woɪ	mɪɪnauɪ /tjuɪ	mɪɪwuɪ	mɪɪlk <sup>h</sup> ɔɪʔoɪ
85	Pig	t <sup>h</sup> ɻaɪ	t <sup>h</sup> ɔɪ	t <sup>h</sup> ɔɪ	t <sup>h</sup> ɔɪ
86	Cow	puɪ	puɪ	puɪ	poɪ
87	Milk	puɪnɪt <sup>h</sup> jeɪ	puɪnɪt <sup>h</sup> eɪ	puɪnɪt <sup>h</sup> ɪɪ	poɪnoɪʃɪɪ
88	Buffalo	pʃɪnɛɪ	pʃɪnaɪ	pəɪnaɪ	pəɪnaɪ
89	Buffalo horn	noɪ	nɻɪ	nɻɪ	neɪ
90	Tail	k <sup>h</sup> aɪmɪɪ	kaɪmɪɪ	koɪmɪɪ	goɪmeɪ
91	Elephant	tʃɪʃaɪ	tʃɪʃagɻ	roɪʃoɪ	koɪʃoɪ
92	Elephant tusk	tʃɪʃaɪtʃɪmɻaɪ	tʃɪʃagɻtʃɪmɻaɪ	roɪʃoɪθɛɪmeɪ	koɪʃoɪʃɛɪmeɪ
93	Bird	t <sup>h</sup> uɪ	t <sup>h</sup> uɪp <sup>h</sup> uɪ	t <sup>h</sup> uɪ	t <sup>h</sup> uɪtɛɪpeɪ
94	Bird's nest	t <sup>h</sup> uɪp <sup>h</sup> wɪɪ	t <sup>h</sup> uɪp <sup>h</sup> uɪp <sup>h</sup> weɪɪ	t <sup>h</sup> uɪpɪɪ	t <sup>h</sup> uɪpɪɪ
95	Wing	ʔaɪdaɪ	diɪ	dɛɪ	dɛɪkɛɪ
96	Feather	t <sup>h</sup> uɪʃ <sup>h</sup> uɪ	ʃ <sup>h</sup> ɻɪ	t <sup>h</sup> uɪʃ <sup>h</sup> uɪ	ʔaɪʃoɪ
97	To fly	zɪwɪ	ɻuɪ	wɪɪ	wɪɪ
98	Egg	djeɪ	dɛɪ	diɪ	diɪ
99	Chicken	ʃeɪ	ʃ <sup>h</sup> uɪ	ʃɪɪ	ʃeɪ
100	Duck	taɪʃaɪ	maɪtʃɪɪɪ /ʔaɪmaɪ	ʔuɪbɛɪ (Bur)	ʃeɪʔoɪmɔɪ
101	Fish	tɛɪ	taɪp <sup>h</sup> uɪ	tɔɪ	tɔɪp <sup>h</sup> uɪ
102	Snake	ruɪ	wɔɪ	ruɪ	vɔɪ
103	House lizard	zɪwɪɪɪ /dɻaɪmeɪ	juɪʃeɪŋɪ /dalmɻɻɪ	daɪɪɪɪwɪ	doɪɪeɪ
104	Turtle	tʃɪkɪɪ	tʃɪk <sup>h</sup> ɪɪŋɻ	k <sup>h</sup> ɪɪ	tɪk <sup>h</sup> ɪɪɪ
105	Crocodile	tʃɪʒɛɪ	kɻɪtaɪɻaɪ	ɻaɪθaɪmaɪ	ʃaɪmaɪ
106	Frog	diɪ	diɪ	diɪ	diɪp <sup>h</sup> uɪ
107	Insect	ʔaɪkrɛɪʔaɪt <sup>h</sup> woɪ	ʃuɪk <sup>h</sup> weɪɪ /ʔaɪk <sup>h</sup> raɪʔaɪt <sup>h</sup> uɪ	θɪɪ	taɪɪɪtɻaɪkwaɪ
108	Spider	p <sup>h</sup> ɻɪkɻaɪ	p <sup>h</sup> auɪkəɪdɻɻɪ	goɪ	p <sup>h</sup> uɪgoɪ
109	Spider web	p <sup>h</sup> ɻɪkɻaɪdɻɻɪ	p <sup>h</sup> auɪkəɪdɻɻɪ ʃeɪɪ	goɪpɪɪ	p <sup>h</sup> uɪgoɪjuɪɻeɪ
110	Head louse	ʃuɪ	ʃuŋɪ	θɪɪ	ʃuɪ
111	Termite	puɪwoɪ	tʃɪvɪ	pruɪɻuɪ	poɪʔoɪ
112	Cockroach	ɪɔɪkɪɪ	tʃɪɪɔɪ	θoɪɪɔɪkɪɪ	noɪkeɪ
113	Snail	tʃɪmɻeɪ	tʃɪmeɪɪ	θɪɪmɪɪ	ʃɪmɪɪʃaɪ
114	Mosquito	p <sup>h</sup> weɪʃɪɪ	p <sup>h</sup> uɪtʃɪʃagɻ /p <sup>h</sup> ɔɪʃɪɪ	p <sup>h</sup> uɪ	p <sup>h</sup> uɪkoɪdɻoɪ
115	Bee	vɻaɪ	tʃɪnɪɪ /vɛɻ	hweɪ	wɛɪmoɪ
116	Fly	p <sup>h</sup> ɔɪ	tʃɪt <sup>h</sup> auɻ	p <sup>h</sup> uɪ	p <sup>h</sup> uɪ
117	Butterfly	pɪɪpɻaɪ	tʃɪpeɪɪ	pɛɪpoɪ	koɪpɪɪɪeɪ

118	Scorpion	da lme J	t <sup>h</sup> ɣJk <sup>h</sup> lo l	tɛ t wu J	do Jne J
	<i>Body</i>				
119	Head	k <sup>h</sup> u Jklo l	ʃi t kɣ l	ʃu Jkɣ t	hi l kɣ l
120	Face	me Jʃe J	mai Jna J	mu lki J	mi Jʃa l
121	Brain	k <sup>h</sup> u Jklo lno t	nu Jpi l	ny tʔi J	kɣ lny J
122	Hair	k <sup>h</sup> u J lwe J	k <sup>h</sup> u t lau J	k <sup>h</sup> u J li t	k <sup>h</sup> o ll je J
123	Forehead	ma t <sup>h</sup> ɛ l	mai Jt <sup>h</sup> a l	me t <sup>h</sup> o l	me Jt <sup>h</sup> o l
124	Eyebrow	ma t kɣ t s <sup>h</sup> we J	mai Jkauls <sup>h</sup> ɣ t	mu lki Jʃu J	mi Jʃa lʃo l
125	Eye	me Jʃe J	mai Jmai Jp <sup>h</sup> ly t	mu lki Jp <sup>h</sup> ly J	mi Jʃa l p <sup>h</sup> lo l
126	Eyelid	me Jʃe Jp <sup>h</sup> a l	mai Jmai Jbei t	mu lki Jp <sup>h</sup> e l	mi Jʃa l be l /mi Jʃa l p <sup>h</sup> e l
127	Nose	k <sup>h</sup> a l p <sup>h</sup> we t	na ɣ t k <sup>h</sup> ɛ l	na Jk <sup>h</sup> i l	no l k <sup>h</sup> i J
128	Cheek	ne lʃe l	bu l	k <sup>h</sup> a Jdzu l bu J	no lʃe l
129	Ear	k <sup>h</sup> a i le J	na t kau l	na Jku l la J	no lku l la l
130	Mouth	k <sup>h</sup> a tʔu J	k <sup>h</sup> a k <sup>h</sup> u t	k <sup>h</sup> a Jlo t mo t	k <sup>h</sup> o l p <sup>h</sup> e l
131	Tongue	pli J	pli J	pli t	ple J
132	Saliva	pli Jt <sup>h</sup> je t	pli Jt <sup>h</sup> ɛ l	p <sup>h</sup> e J	pl o lʃi J
133	Tooth	ku Jk <sup>h</sup> je t	tʃ Jk <sup>h</sup> ɛ l	θu t	k <sup>h</sup> o l k <sup>h</sup> i J
134	Gums	ku Jk <sup>h</sup> je t pl je t	tʃ Jk <sup>h</sup> ɛ l pl w l	θu t k <sup>h</sup> a t i J /θu t θ i l i J	k <sup>h</sup> o l k <sup>h</sup> i J pi l
135	Chin	k <sup>h</sup> e J	k <sup>h</sup> a t	k <sup>h</sup> a tʃi Jko l	k <sup>h</sup> a l
136	Beard	k <sup>h</sup> e J s <sup>h</sup> w J	k <sup>h</sup> a t s <sup>h</sup> ɣ t	k <sup>h</sup> a tʃu J	k <sup>h</sup> a lʃo l
137	To shave (beard)	klw Jk <sup>h</sup> e J s <sup>h</sup> w J	ʔa ɣ t kly J	ri t pl o l /kwe t pl o l	di l
138	Back	na t k <sup>h</sup> u J	na t k <sup>h</sup> u t	jo l te t	wa l te J
139	Belly	ho l	hu l	p <sup>h</sup> w l	p <sup>h</sup> u J
140	Navel	di t bo t	tʃ J di l	d i l mo l	de J pl o J
141	Heart	θe l pl o J	ʃa l p <sup>h</sup> ly t	θo t	ʃo l p <sup>h</sup> ly l
142	Lungs	ʔa J θu J	tʃ J mɣ t /ʔa J ʃu t po J ʃo t	θu J	ʃi l pʃ t o J
143	Liver	θwe J	s <sup>h</sup> o ɣ t	θu J θo t	ʃu l ʃo l
144	Intestines	pra t du J	p <sup>h</sup> au l pwi J /p <sup>h</sup> au l p <sup>h</sup> re J	pre t	pwe J
145	Hand	tʃ Jk <sup>h</sup> u J	dʒau l	dʒu t de t	k <sup>h</sup> o l de J
146	Elbow	tʃ J ma t kja t	dʒau l mai J	dʒu t kre t ne Jko l	dʒu l tʃ J ny l ko J
147	Armpit	pla t le t	ple i l la J	ple l di f la J	pe J de l la J
148	Palm	tʃ Jk <sup>h</sup> u Jku t	dʒau l la t	dʒu t k <sup>h</sup> u J la J	k <sup>h</sup> o l de J la l ko J
149	Finger	kʃ J no t	dʒau l ny J	dʒu t mu J	k <sup>h</sup> o l mu J
150	Fingernail	kʃ J no t ba J	dʒau l me i n t	dʒu t θ i J mi J	k <sup>h</sup> o l mu J be l
151	Buttocks	k <sup>h</sup> a t pje t we t	ʔi ɣ lʔu l te J /k <sup>h</sup> a ɣ l pl w l tai J	k <sup>h</sup> u J kle t k <sup>h</sup> u J	ko J pi l
152	Leg	k <sup>h</sup> a t dwe J	k <sup>h</sup> a ɣ t dau J	k <sup>h</sup> o J de t	k <sup>h</sup> o l lo J po t
153	Thigh	k <sup>h</sup> ja J	tʃ J ge t	k <sup>h</sup> o J d w J	k <sup>h</sup> o l ki l
154	Knee	ko J ma t	k <sup>h</sup> a J kle i l mai t	k <sup>h</sup> o J le t me J	k <sup>h</sup> o l le J me J
155	Calf	k <sup>h</sup> a t dwe J pl o J	k <sup>h</sup> a J dau l p <sup>h</sup> ly t	k <sup>h</sup> o J p <sup>h</sup> w l θ a J	k <sup>h</sup> o l du l ʃa l
156	Shin	k <sup>h</sup> a t dwe J lʃ J po J	k <sup>h</sup> a J dau l k <sup>h</sup> wei l	k <sup>h</sup> o J lo t po t	k <sup>h</sup> o l lo J po J k <sup>h</sup> wi l
157	Foot	k <sup>h</sup> ʃ J dja l k <sup>h</sup> u J	k <sup>h</sup> a J dau l la t	k <sup>h</sup> o J k <sup>h</sup> u J la J	k <sup>h</sup> a l la l
158	Heel	k <sup>h</sup> a t nu J kja t	k <sup>h</sup> a J s <sup>h</sup> w l de t	k <sup>h</sup> o J ne Jko t	k <sup>h</sup> o l to J no l ko J
159	Bone	krw i t	k <sup>h</sup> wei l	ʃu t	k <sup>h</sup> wi l

160	Rib	yoʔkrwiʔ	xuʔkʰweiʔ	ryʔʃuʔ	voʔkʰwiʔ
161	Flesh	ʔaʔjeʔ	jaʔ	jaʔ	ʔaʔjiʔ
162	Fat	ʔaʔθuʔ	baiʔ /ʃuʔ	θuʔ	ʔaʔʃoʔ /ʔaʔbeʔ
163	Skin	ʔaʔpʰaʔ	beiʔ	pʰeʔ	ʔaʔbeʔ
164	Blood	θwiʔ	ʃweiʔ	θjuʔ	ʃiʔ
165	Sweat	kuʔʃaʔ	kuʔʃweiʔ	θeʔʔeʔtʰiʔ /kaʔkuʔtʰiʔ	kwiʔ
166	Pus	ʔaʔmiʔ	miʔ	miʔ	miʔ
167	Excrement	ʔiʔ	ʔinʔ	ʔiʔ	ʔeʔ
168	Urine	ʔiʔʃeʔ	ʔiʔʃhɛʔ	ʃiʔʃhɛʔtʰiʔ	ʔiʔʃiʔ
	<i>People</i>				
169	Man	preʔkʰuʔ	pjaŋʔkʰuʔ	maʔkʰoʔ	maʔkʰoʔ
170	Woman	preʔmoʔ	pjaŋʔmoʔ	maʔmuʔ	maʔmuʔ
171	Person	kɔʔzaʔ /preʔ	pjaŋʔ	praʔ	koʔʃoʔ /pwaʔ
172	Father	pʰeʔ	pʰaʔjɣʔ	pʰaʔ	pʰaʔ
173	Mother	muəʔ	ʔiʔjɣʔ /muʔ	myʔ	moʔ
174	Child	pʰuʔlʃeʔ	pʰuʔmoʔpʰuʔkʰuʔ	pʰuʔliʔ	pʰoʔliʔ
175	Son in law	pʰuʔmeʔ	maʔ	moʔ	moʔ
176	Husband	veʔ	vaʔ	wuʔ	voʔ
177	Wife	meʔ	maʔ	maʔ	maʔ
178	Widow	preʔmoʔʔoʔ krjaʔ	ʔoʔxaiʔ	maʔmuʔʃeʔ	maʔmuʔkʰweʔ
179ab	Brother (elder)	vjaʔpreʔkʰuʔ	veʔkʰuʔ	weʔmaʔkʰoʔ	weʔmaʔkʰoʔ
179cd	Sister (elder)	vjaʔpreʔmoʔ	veʔmoʔ	weʔ maʔmuʔ	weʔmaʔmuʔ
180ab	Brother (younger)	puəʔpreʔkʰuʔ	pauʔkʰuʔ	puʔmaʔkʰoʔ	puʔmaʔkʰoʔ
180cd	Sister (younger)	puəʔpreʔmoʔ	pauʔ moʔ	puʔmaʔ muʔ	puʔmaʔmuʔ
181	friend	kʰoʔboʔʃwoʔ	kʰoʔʃuʔ	kʰoʔraʔ	kʰoʔmoʔ /ʃuʔkʰoʔ
182	Name	mwɪʔ	miʔ	miʔ	miʔ
	<i>Home</i>				
183	Village	doʔ	doʔ	dyʔ	doʔ
184	Road, path	kljaʔ	klaiʔ	kʰleʔ	kleʔ
185	Boat	ʃoʔkljeʔ	ʃoʔkʰleʔ	kʰliʔ	ʃyʔkʰliʔ
186	House	hiʔ	ʃeinʔ	ʃiʔ	hiʔ
187	Door	kaʔdaʔduʔ	kaʔdeiʔduʔ	θaʔkʰaʔ	taʔkʰaʔ
188	Window	kaʔdaʔpʰuʔ	kaʔdeiʔkʰuʔbiŋʔ	tuʔpuʔkuʔ	taʔkʰaʔpʰoʔ
189	Roof	hiʔkʰuʔklwoʔ kʰuʔ	ʃeinʔkoʔkʰuʔ	ʃiʔkʰuʔ	hiʔkʰoʔ /kuʔkʰeʔ
190	Area under house	hiʔleʔ	ʃeinʔllaʔ	ʃiʔllaʔ	hiʔllaʔ
191	Wall of house	doʔ	tuʔplauʔ	tyʔdyʔ	doʔdaʔ
192	Mat	leʔdeʔ/kloʔduʔ	tɔʔbeŋʔ /laŋʔdaŋʔ	laʔdaʔ	kʰlyʔ
193	Pillow	mwoʔ	kʰuʔkoŋʔ /kʰuʔkuʔ	dʒoʔkruʔ	kʰoʔkʰyʔ
194	Blanket	hiʔkeʔ	biʔjaʔ	ʃiʔjoʔ	xuʔgoʔ
195	Clothing	ʃeʔdzaʔ	goʔdʒeʔ	taʔjoʔ	hiʔdyʔhiʔʃoʔ
196	To weave (cloth)	boʔ	ʔaʔbmʔ	byʔ	byʔtʰoʔ

197	To dye (cloth)	plwɔlɔjɔj	ʔaɔwɔjʔaɔjauj	sʰɔɔdʒiɔdʒiɔ	dʒuɔmaɔʔiɔ
198	Sarong	ʧeɔtʒɔvaɔ	gɔɔɔmaŋɔ	ʃiɔjɔɔɔmɔɔkɔɔ	hiɔɔjɔɔmɔɔkɔɔ
199	Trousers	ʧeɔkʰɔjaɔ	gɔɔɔjeɔ / gɔɔɔkʰaɔ	ʃiɔjɔɔ	hiɔɔjɔɔ
200	To sew	ʔiɔsʰeɔ	ʔaŋɔsʰaɔ	ʒɔɔ	ʒɔɔ
201	Needle	tʰeɔ	tʰaɔ	naɔdeɔ	tʰɔɔneɔ
202	Comb	kɔɔʒjeɔ	kʰuɔʒeɔ	θuɔkʰiɔ	kʰɔɔʒiɔ
203	Ring (finger)	dʒɔɔɔɔtʒɔɔɔpɔɔ	dʒaɔɔpɔɔɔɔɔ	dʒuɔɔpɔɔ	dʒuɔɔpɔɔ
204	Paper	dʒeɔbaɔ	dʒuɔbeɔɔ	dʒeɔɔɔɔ	dʒeɔɔɔɔ
205	Pot (cooking)	diɔpɔɔ	kaɔɔ / tʒɔɔpɔɔ	pɔɔ	kɔɔpɔɔ
206	Coconut shell ladle	tʰjeɔdweɔ	maɔpauɔkɔɔ	tʰiɔɔmɔɔ	ʃiɔɔɔɔɔɔ
207	Mortar	kʒɔsʰuɔ	tʒɔsʰuɔɔ	ʃiɔtʰɔɔ	baɔtuɔ
208	Pestle	kʒɔsʰɔɔ	tʒɔkɔɔeɔ	kɔɔeɔʃuɔ	naɔtɔɔ
209	Spoon	diɔdʒɔɔ	ʃiɔɔɔɔ	dʒɔɔɔɔ	naɔɔɔɔ / deɔdʒɔɔ
210	Plate	diɔbeɔ	baɔɔɔɔ	baɔ	baɔɔɔ
211	Firewood	kruɔ	kuɔ / kruɔ	dʒuɔ	kuɔ
212	Fire	miɔ	miɔ	miɔ	miɔ
213	Ashes	kɔɔpʰeɔ	pʰaɔ	pʰaɔ	pʰaɔ
214	Smoke	miɔkʰuɔ	miɔkaɔɔ	miɔkʰuɔ	miɔkʰuɔ
215	Candle	taɔɔɔɔɔ	pʰaɔteɔ	miɔteɔ	taɔɔɔɔɔ
216	Drum	tʰɔɔ	tʰɔɔ	tʰɔɔmɔɔkɔɔ	tʰɔɔ
217	Gong	mɔɔ	maɔɔ	mɔɔ	mɔɔ
218	Bow, crossbow	kɔɔjeɔ	kʰeɔɔ	ʃiɔθuɔ	kʰiɔɔ
219	Arrow	pɔɔeɔ	kʰeɔɔpɔɔ	pɔɔ	pɔɔ
220	Spear	tʒɔɔbaɔ	tʒɔɔbaɔ	θɔɔɔɔ	ʒɔɔɔɔ
221	Knife	hiɔɔɔ	tʒɔɔɔɔ	dɔɔ	dɔɔɔ
	<b>Verbs</b>				
222	To hear	niɔtʰeɔ	naɔɔɔɔ	naɔɔɔ	kaɔnaɔdeɔ
223	To smell (sth)	nuɔɔɔɔɔ	nuɔbaɔ / nuɔmaŋɔ	nuɔɔɔ / nuɔbaɔ	ʔaɔɔɔ
224	To see	mjaɔtʰjeɔ	mɔɔtʰeɔ	keɔtʰiɔ	keɔɔɔ
225	To wink	bɔɔkɔɔeɔ	beŋkʰeɔɔmaɔmaɔ	biɔtʰeɔmiɔkiɔ	tʰeɔpɔɔmiɔɔ
226	To weep	ɔɔɔ	haɔ	haɔ	haɔ
227	To eat	ʔeɔ	ʔaɔ	ʔaɔ	ʔaɔ
228	To swallow	zɔɔkɔɔɔ	juɔnuɔ	ʔuɔnuɔ	ʔɔɔnuɔ
229	To be hungry	ʒeɔʔeɔ	tʒɔviɔʔaɔ / ʒaɔtʒɔʔaɔ	pʰuɔθɔɔwiɔ	ʒaɔʔaɔ
230	To be full	kɔɔtʰɔɔ	kuɔɔɔ / kuɔ	pʰuɔɔeɔ	kyɔ
231	To be thirsty	ʒeɔʔɔtʰjeɔ	tʒɔviɔʔɔtʰeɔ / ʒaɔtʒɔʔaɔʔɔtʰeɔ	θɔɔʔɔtʰiɔ	ʒɔɔʔɔ
232	To drink	ʔɔɔ	ʔɔɔ	ʔɔɔ	ʔɔɔ
233	To be drunk	muɔ	mɔɔɔ	muɔ	muɔbaɔ
234	To vomit	ʔaɔpɔɔɔ	pɔɔ	pɔɔ	pɔɔ
235	To spit	tʰuɔpɔɔ	tʰtʰweŋpɔɔtʰeɔ / tʰuɔpɔɔ	tʰuɔpɔɔtʰiɔ	tʰɔɔpɔɔ
236	To cough	tʒɔkʰuɔ	tʒɔkʰuɔ	θuɔkʰuɔ	tuɔkʰuɔ
237	To sneeze	kʒɔɔ	tʒɔsʰaɔ	keɔɔeɔ	tsʰeɔ
238	To yawn	tʒɔkʰaɔ	tʒɔkʰaŋɔ	θaɔkʰaɔ	ʒɔɔʒaɔkʰaɔ

239	To breathe	θeɪ	ʃaʋ	θaɪ	ʃaɪ
240	To whistle	θɔɪŋswɪl	kʰweŋt / ʃwiɪ	hwɪlkʰaɪ	wel
241	To suck	dʒwɪl	dʒeɪʋ	dʒuɪ	dʒɪl
242	To lick	ʔɪlljeɪ	leɪ	liɪ	liɪ
243	To smile	dʒeɪθeɪlpeɪ	ʃɔɪtaɪŋaɪ	tʰɪlkraɪnaɪ	naɪʃaɪljaɪ
244	To laugh	neɪ	ŋaɪ	jaɪ	jaɪ
245	To speak	heɪlbeɪ	paɪpweɪ	roɪbaɪ	hiɪlbaɪ
246	To tell	dɪmɪnaɪ	duɪtʃɪnaɪʋ	roɪbaɪjaɪsʰwɪ	hiɪlbaɪhiɪltsʰoɪ
247	To shout	ʔeɪltʰoɪ	ʔaɪltʰoɪ	ʃiɪ	ʃiɪ
248	To answer	heɪlsʰwɪ	pwɑɪ / rɪʃɪsʰuɪ	doɪdʒeɪxuɪ	hiɪlkeɪ
249	To lie, fib	laɪhoɪ	laɪhoɪ / ʔɪllɔɪ	plɑɪ	plɔɪ
250	To sing	ʔɪɪroɪ	ʔaɪtʃɪxuɪʋ	θwɪpɪ	ʃɔɪpɔɪ
251	To think	tʃɪneɪ	tʃɪneɪ	reɪltɑɪ	keɪneɪ
252	To know	θeɪlpeɪ	ʃɪlnɑɪ	θɪɪʃaɪ	ʃeɪljaɪ
253	To forget	sʰoɪtʃɪpaɪ	sʰɔɪlphɪlnɑɪ / sʰɔɪtʃɪpeɪ	θeɪpʰeɪnaɪ	sɪɪpɔɪ
254	To choose	mjaɪrjaɪ	ʔaɪxɪ / ʃaɪlʃuɪ	ruɪtɑɪ	voɪlaɪ
255	To love	moɪniɪ	ʃaɪlɔɪ / tʰaɪ	moɪ	moɪʃɪl
256	To hate	θeɪtʃɪkʰoɪ	ʃaɪtʰɑɪ / ʃaɪtʃɪkʰoɪ	keɪθoɪ / θoɪduɪ	pɔɪhoɪ
257	To wait	ʔoɪpɔɪ	ʔoɪpɔɪ	ʔoɪpwɪ	dʃɪʃwɪ
258	To count	dʒɑɪmjaɪ	duɪmaɪ / duɪbaŋɪ	θuɪ	doɪlbaɪ
259	To be afraid	θeɪʔɪɪsʰeɪ	ʔɪɪsʰaŋɪ / sʰwɪsʰaŋɪ	ʃɪɪsʰɑɪ	ʔɪɪsʰɑɪ
260	To be angry	θeɪplɔɪduɪ	ʃaɪtʰaŋɪ / ʃaɪplɪtʰaŋɪ	θoɪduɪ / keɪθoɪ	ʃɔɪdoɪ
261	To sleep	ʔoɪmjeɪ	ʔoɪmeɪ	ʃɪɪmiɪ	haɪmoɪʔoɪ
262	To snore	θeɪpraɪkroɪ	ʔoɪmeɪʃaŋɪpʰreɪ kʰweɪʋ	θɑɪpruɪ	ʃaɪkʰroɪ
263	To dream	ʔoɪmjeɪmjaɪ	ʔoɪmeɪmaɪ	ʃɪɪmiɪmoɪ	ʃaɪ
264	To hurt	ʔaɪsʰeɪ	sʰɑɪ	ʃɑɪ	nuɪmoɪ
265	Medicine	teɪkʰuɪ	tɑɪkʰuɪ	tɑɪkʰuɪ	tɑɪkʰuɪ
266	To itch	kɔɪʃeɪ	tʃɪʃaɪ	θoɪ	kɔɪʃoɪ
267	To scratch	kɔɪpraɪ / tʃɪkraɪ	kʰulvaɪkʰuɪpʰraɪ	kʰreɪ	dʒoɪkroɪ
268	To shiver	tʃɪnaɪ	tʃɪnoɪ	piɪ	kɔɪnoɪ
269	To die	ʃjeɪ	ʃeɪʋ	θɪɪ	ʃɪɪ
270	Ghost	lɪtʃɪpraɪ	laɪtʃɪnaɪ	daɪtʃɪnaɪ / tɑɪʃɪtʃɪnaɪ	naɪtʃɪnaɪ
271	To sit	ʔoɪnaɪ	dʒɪnaɪ	ʃɪɪnoɪ	haɪnoɪʔoɪ
272	To stand	kɔɪtʰoɪ	ʔɪtʰɪɪ	ʃɪɪtɪɪ	ʔɪɪtʰɪɪ
273	To kneel	daɪŋɪ	tʃɪnaɪ	doɪkɪneɪlɔɪ	kɔɪneɪlɔɪ
274	To walk	dʒɪklɪjaɪ	haɪleɪ / haɪklaɪʋ	ʃɑɪpreɪtɪeɪ	dʒoɪkleɪ
275	To crawl	puɪŋɔɪdʒɪɪ	bɪɪtʃɪɪ	pɔɪdʒɪɪkɪɪʃɑɪ	puɪdʒɪɪkɪɪ
276	To come	ʃɑɪ	haɪ	leɪkʰeɪ	heɪʃuɪ
277	To enter	nuɪ	nuɪ	nuɪkʰeɪ	keɪniɪ / keɪnuɪ
278	To return	kaɪhoɪ	keɪɪ	dʒeɪkʰeɪ	keɪ
279	To push	ʃɑɪ	sʰaŋɪ	ʃoɪ	tʃɪhoɪ
280	To pull	dʒwɪɪ	dʒweɪɪ	dʒuɪ	dʒɪɪ

281	To kick	t <sup>h</sup> wɛt / tɔlpɛt	taɪpɛ / tɔlpaj	paɪ / t <sup>h</sup> juɪ	dɛ / t <sup>h</sup> uɪ
282	To throw	vi:kjaɪ	veɪgaiɪ	hweɪkɛɪ	veɪkɛɪ
283	To fall	laɪtaɪ	laiɪtaiɪ	loɪteɪ	loɪteɪ
284	To swim	ʔiɪzɪt <sup>h</sup> jeɪ	taɪjaɪ	wuɪt <sup>h</sup> iɪ	koɪjoɪʃiɪ
285	To float	ʔaɪloɪ	laiɪjuɪ / luɪt <sup>h</sup> ɛɪ	loɪwuɪ	ʔaɪloɪpolloɪ
286	To sink	taɪdʒɪ	laiɪdʒuɪ	loɪt <sup>h</sup> iɪkoɪ	loɪdʒuɪʃiɪ
287	To flow	t <sup>h</sup> jeɪt <sup>h</sup> wilçəɪ	t <sup>h</sup> ɛɪduɪ /t <sup>h</sup> ɛɪt <sup>h</sup> weiɪ	t <sup>h</sup> iɪθoɪloɪ	ʃiɪdoɪloɪ
288	To give	djeɪ	dɛɪ	ʔiɪ	ʔiɪ
289	To tie	dʒoɪ	dʒɪɪ	dʒoɪ	dʒoɪmeɪ
290	To wipe	t <sup>h</sup> wɪ	t <sup>h</sup> wɪɪ	t <sup>h</sup> wɪpɪoɪ	t <sup>h</sup> uɪboɪ
291	To rub, scrub	bwoɪpliɪ	t <sup>h</sup> wɪbɑŋɪ /boɪkaiɪ	diɪkruɪbaɪ	t <sup>h</sup> uɪpljeɪ
292	To wash	s <sup>h</sup> wɪpliɪ	ʃiɪdʒaɪ /s <sup>h</sup> uɪplaiɪ	dʒoɪpɪoɪ	ʃuɪboɪ
293	To launder	ʔiɪs <sup>h</sup> wɛɪ	p <sup>h</sup> oɪbɑŋɪ	ʃuɪtaɪjoɪ	ʃuɪdʒaɪ
294	To bathe	ʔiɪlwɛɪt <sup>h</sup> jeɪ	lɔɪt <sup>h</sup> ɛɪ	luɪt <sup>h</sup> iɪ	ʔuɪts <sup>h</sup> oɪʃiɪ
295	To hit	mɪɪ	gwauɪ	p <sup>h</sup> leɪ / diɪ	plɛɪ / p <sup>h</sup> leɪ
296	To split	paɪp <sup>h</sup> ɛɪ /p <sup>h</sup> wɛɪp <sup>h</sup> ɛɪ	ʃiɪp <sup>h</sup> aɪ /paiɪp <sup>h</sup> aɪ	daɪp <sup>h</sup> oɪ / peɪ p <sup>h</sup> oɪ / ʔoɪp <sup>h</sup> oɪ	ʃeɪp <sup>h</sup> oɪ / daɪp <sup>h</sup> oɪ
297	To cut (hair)	dʒiɪ	gruɪ	riɪ	diɪ
298	To stab	s <sup>h</sup> wɪʃjeɪ	s <sup>h</sup> auɪʃɛɪ	plɪɪθiɪ	ʃuɪʃiɪ
299	To grind	ʔiɪviɪmɪɪ	nɪɪmɪɪ	ruɪ / wiɪ	wɛɪ
300	To plant	ʔiɪs <sup>h</sup> oɪ	ʔaɪlɔɪ / s <sup>h</sup> auɪ	ʃɪɪ	ts <sup>h</sup> ɪɪ
301	To dig	ʔiɪk <sup>h</sup> wɪɪ	k <sup>h</sup> uɪɪ	k <sup>h</sup> wɪɪ	k <sup>h</sup> uɪɪ
302	To bury (corpse)	ʔiɪlwɛɪ	pluɪɪ / luɪ	luɪ	luɪ
303	To winnow (rice)	tɔɪlɛɪbwɛɪ	tɔɪlɛɪbɔɪ	wajbuɪ	ʃoɪloɪ / maɪs <sup>h</sup> oɪ
304	To dry (sth)	ʔiɪluɪkraɪ	luɪkɛɪɪ	luɪʃeɪ	loɪk <sup>h</sup> wɛɪ
305	To pound (rice)	ʔiɪs <sup>h</sup> aɪ	s <sup>h</sup> auɪbɔɪ	tɔɪ / ʃeɪ	tuɪ / ʃeɪ
306	To cook (rice)	ʔiɪp <sup>h</sup> oɪ	paɪɪ	p <sup>h</sup> oɪ	p <sup>h</sup> oɪ
307	To boil (sth)	doɪbwɛɪ	pweiɪ / doɪbauɪ	doɪbuɪ	doɪbuɪ
308	To burn	s <sup>h</sup> wɪkjaɪmiɪ	mɪɪkaiɪ / s <sup>h</sup> uɪmɪɪ	mɪɪkɛɪ /dʒuɪmiɪ	ts <sup>h</sup> oɪmɪɪ / mɪɪkɛɪ
309	To extinguish (fire)	meɪpiɪmiɪ	maɪpeiɪmiɪ /ʔauɪpeiɪ	maɪpiɪmiɪ	ʔuɪpiɪmiɪ
310	To work	ʔeɪrjaɪ	ʔaɪxaiɪ	maɪtaɪmaɪ	maɪtaɪmaɪ
311	To play	laɪvoɪ	ʔoɪkɪɪɪ	keɪdʒeɪ	ʔɪɪloɪweɪ
312	To dance	ʔiɪleɪ	ʔaɪtɔɪkeɪɪ	maɪkoɪtoɪ /ʔaɪmiɪ	maɪkoɪtoɪ
313	To shoot	k <sup>h</sup> ɛɪ	k <sup>h</sup> aɪ	k <sup>h</sup> aɪ	k <sup>h</sup> aɪ
314	To hunt	luɪteɪmiɪ	leɪtaɪmiɪ	luɪtaɪmiɪ	dʒoɪloɪʔaɪ
315	To kill	meɪθjeɪ	maɪʃɛɪ	maɪθilɪtaɪ	maɪʃiɪ
316	To fight	saɪpaɪ / vɪɪluɪ	tɔɪneɪɪ / s <sup>h</sup> aɪɪ paɪɪ / vɪɪluɪ	ʃeɪtaɪ	loɪʔaɪloɪmaɪ
317	To buy	ʔiɪpriɪ	ʔaɪnpwiɪ	priɪk <sup>h</sup> ɛɪ	pweɪ
318	To sell	ʔiɪs <sup>h</sup> ɛɪ	ʔaɪts <sup>h</sup> aɪ	ʃaɪ k <sup>h</sup> ɛɪ	ts <sup>h</sup> aɪ
319	To exchange	t <sup>h</sup> uɪlɔɪ	t <sup>h</sup> uɪklaiɪ	t <sup>h</sup> uɪlɛɪ k <sup>h</sup> ɛɪ	t <sup>h</sup> oɪlɛɪ / boɪk <sup>h</sup> ɛɪ



320	To pay	dje1k'hokεJ	dε1ka+	ʔi+pri+ k'hεJ	ʔilʔaJka1
321	To steal	ʔe1mεJ	ʔa+hou+	ʔa+wuJ	ʔa1xu1
	<b>Numbers</b>				
322	One (person)	tɔ1preJ	tɔ1dɔ1	tɔ1raJ	ta1pwaJ
323	Two (persons)	ʂe1ne+	ne1dɔ1 /ni1dɔ1	θo+kli+ /ki+ra+	ʂo1ki1niJ
324	Three (persons)	ʂe1ʂw+	ʂ'h+a+ʂu1	θw1ra+ /θo+θw1	ʂo1ʂuJ
325	Four (persons)	ʂe1lwi+	ʂ'h+a+lweiV	lwi1ra+ /θo+lwi+	ʂo1lwiJ
326	Five (persons)	ʂe1na+	na1dɔ1	je1ra+ /θo+je+	ʂo1jeJ
327	Six (persons)	ʂw+ʂwo+	ʂ'hon+ʂu1	ʂulra+ /pra1θw1θuJ	pwa1ʂu1ʂo1
328	Seven (persons)	ʂw+ʂwo+tɔ1preJ	ʂ'hon+ʂu1tɔ1dɔ1	ne1ra+ /pra+θo+ne1	ʂu1ʂo1ta1pwaJ
329	Eight (persons)	lwi+ʂwo+	lweiVʂu1	ʂo1ra+ /pra+θo+ʂo1 /pra1lwi1θuJ	pwa1lwi1ʂo1
330	Nine (persons)	lwi+ʂwo+tɔ1preJ	lweiVʂu1tɔ1dɔ1	k'hw1ra+ /pra+θo+k'hw1	li+ʂo1ta1pwaJ
331	Ten (persons)	ʂe1	tɔ1ʂ'hε1	pra+ts+ʂi1	pwa1ʂi1
332	Hundred (persons)	ʔa1pre1tɔ1ʂeJ	tɔ1ʂaJ	pra+ts1ʂaJ	ʔa1pwa1ta1ʂaJ
333	Thousand (persons)	ʔa1pre1tɔ1ri1	tɔ1ʂe1	pra+ts+thoJ	ʔa1pwa1ta1re1
334	To be many	ʔo1ʔε1	ʔa1ʔuq+ /ʔo1ʔaŋ1	ʔo1ʔa1 /ta+ka+	ʔo1do1 /ʔo1pweJ
335	All	lo1pli+	lu1luJ /lu1pli1	ly+	ly1boJ
336	Some	tɔ1heJ	tɔ1noJ	to1ʔoJ	tɔ1ʔy1ʔy1
337	To be few	tɔ1ki1p'hul	ʔilpau+ /tɔ1ʂi1	ti1teJ	te1ke1 /ʔy1pi1ti1
338	Half a unit	tɔ1k1a+me+	tɔ1k1au1maJ	tɔ1k'hol	ta1ka1maJ
	<b>Dimensions</b>				
339	To be big	ʔa1duJ	p'hau+	ʔa1duJ /ʔa1p'hru+	ʔa1do1
340	To be small	ʔa1pi1ti1	k'hulbi1 /tɔ1ʂi1	ʔa1ʂi1 /ʔa1pri1	ʔa1pi1ti1
341	To be long	ʔa1th'u+	t'hultɔ1ʂeŋ+	t'hul	ʔa1thoJ
342	To be short (length)	ʔa1p'hweJ	p'w+ty+	p'hɣJ	ʔa1p'ho1tu1
343	To be tall	ʔa1th'ja1ly+	t'hau1thul /tau1lauV	t'ho1ly1	ʔa1tho1jeJ /ʔa1ky1toJ
344	To be short (height)	ʔa1pɔ1ru1	laŋp'hun1	lo+prɣJ	ʔa1p'hulloJ
345	To be thick	ʔa1dwe+	duŋ+tɔ1ʂeŋ1	du1	ʔa1duJ
346	To be thin	ʔa1bw+	buŋ+	prw+	ʔa1ka1laJ
347	To be fat	ʔa1bwJ	by+	buJ	ʔa1bo1
348	To be skinny	ʔa1krja+	grai+	dʒe+	ʔa1kweJ
349	To be wide, broad	ʔa1lja1	lwaiV	leJ	ʔa1leJ
350	To be narrow	ʔa1tɔ1dʒe+	jy+peŋ+ /tɔ1dʒwJ	ki+ti+ /ʔi1	ʔa1ʔe1ne1

351	To be deep	ʔaɪzɑt	ʝɔɪ	dʒvɪ	ʔaɔɔɪ
352	To be shallow	ʔaɪtʃɪlweɪt	tʰɛltwɪt	dɔɪ	ʔaɪdɔɪ
353	To be round	ʔaɪtʃɪluɪ /ʔaɪtʃɪvmɪ	tʃɪluɪ /ʔaɪtʃɪvmɪ	tʃɪlmɪ /reɪweɪt	ʔaɪtɔɪlɔɪ /ʔaɪleɪweɪt
354	To be full	ʔaɪbaɪt	pweɪt	ʔɛɪbeɪt	ʔaɪbeɪt
355	Right side	dʒɔɪtʰɔɪ	dʒaʊltʰweɪt	θreɪtʰɛɪt	dʒɔɪdeɪmɔɪ
356	Left side	dʒɔɪdʒɪɪ	dʒaʊldʒɪɪ	trɪɪdʒɪɪ	dʒɔɪdʒɪɪdʒɪɪ
357	To be straight	ʔaɪdʒɔɪ	ʔaɪdʒɔɪ	dʒvɪ	ʔaɪnɔɪ
358	To be far	ʔaɪjeɪ	ʔaɪɪmɪt	ʝɪɪt	ʔaɪjeɪ
359	To be near	ʔaɪpʰwɪ	ʔaɪpʰwɪt	buɪt	ʔaɪpʰwɪt
360	This	dɔɪʔjeɪt	ʔɛɪnɪwɪ /tʃɪʔɛɪ	haɪɪvɪt	tɪʔvɪ
361	That	dɔɪnweɪt	dɪvɪnɪwɪ	haɪɪnɪt	deɪnuɪ
	<i>Appearance</i>				
362	Black	ʔaɪlɔɪ	ʔaɪsʊŋɪ	ʔɛɪθɔɪ	ʔaɪlvɪ
363	White	ʔaɪbuɪt	ʔaɪbuɪt	ʔɛɪbuɪlɔɪ	ʔaɪbuɪt
364	Red	ʔaɪliɪ	ʔaɪleŋɪt	ʔɛɪliɪkɔɪt	ʔaɪleɪ
365	Green	ʔaɪsʊmɪ	ʔaɪtʃɪŋaɪt	ʔɛɪkɑɪflɑɪt	ʔaɪsʊmɪ
366	Yellow	ʔaɪbɔɪt	ʔaɪbɑŋɪ	ʔɛɪbɔɪt	ʔaɪbɔɪt
367	To be dirty	ʔaɪrɪɪdʒɑɪt /ʔaɪmɪɪmɔɪt	dʒɔɪpwɪɪ /ʔaɪmɪɪ mɑŋɪ	dʒɔɪbɔɪ	ʔaɪwɪɪdʒɑɪt
368	To be new	ʔaɪseɪt	ʔaɪsɑŋɪ	ʔɛɪθɑɪt	ʔaɪsɑɪ
369	To be old	ʔaɪleɪt	ʔaɪleɪt	ʔɛɪliɪt	ʔaɪliɪ
370	To be dark	ʔaɪkʰɪɪ	ʔaɪkʰɪɪ	ʔɛɪkʰɪɪ	ʔaɪkʰɪɪ
371	To be bright	liɪtʃɪkʰɛɪt	ʔaɪliɪ /ʔaɪtʃɪkʰɑŋɪ	ʔɛɪrɑɪkʰɑɪt /ʔɛ liɪ	ʔaɪleɪt /ʔaɪrɑɪk hɑɪ
372	To be the same	ʃɔɪlluɪt	ʃɔɪlluɪ	ʔɛɪlɔɪluɪt	ʔaɪsɪvɪsɪvɪ /ʔaɪlɔɪlɔɪt
373	To be different	kʰɔɪlluɪt	kʰɔɪlluɪ	ʔɛɪlɔɪluɪtʰɑɪ ʔɔɪ	ʔaɪkiɪlɔɪ
	<i>Taste/ Feel</i>				
374	To be sweet	ʔaɪsʰwɪt	ʃʰwɪt	ʔɛɪrɔɪtbaɪt	ʔaɪtsʰwɪt
375	Sour	ʔaɪseɪt	ʃʰwɪt	ʔɛɪsiɪ	ʔaɪseɪt
376	To be bitter	ʔaɪkʰɛɪt	kʰɑɪt	ʔɛɪkʰɑɪt	ʔaɪkʰɑɪt
377	To be spicy, hot	ʔaɪtʃɑɪ	haɪt	ʔɛɪtʃɛɪt	ʔaɪtʃɛɪt
378	Rotten	ʔaɪθɔɪt	tʃɪʔɛɪt	ʔɛɪθvɪt	ʔaɪθɔɪt
379	To be swell	ʔaɪzɑɪt	ʝɔɪ	ʔɛɪʝɔɪt	ʔaɪʝɔɪt
380	To be dry	ʔaɪkɪrɑɪt	ʔaɪxeɪt	ʃɪɪseɪt	ʔaɪkʰweɪt
381	To be wet	ʔaɪdʒɔɪ	tʰɑɪlseɪt /ʔaɪdʒɔɪt	ʔɛɪdʒɔɪ	ʔaɪdʒɔɪ
382	To be hot	ʔaɪkɪt	ʔaɪkɪt	ʔɛɪkɪt	ʔaɪkɔɪ
383	To be cold	tɑɪkɪluɪ	ʔaɪdʒɛɪt /ʔaɪtɑɪkɪluɪt	kaɪrɔɪ	ʔaɪtɔɪkʰlɔɪ /kaɪwɔɪ
384	To be sharp	ʔaɪdʒɛɪt	ʔaɪdʒɑɪt	ʔɛɪdʒuɪ	ʔaɪdʒuɪ
385	To be blunt	ʔaɪdɪt	ʔaɪdɪt	ʔɛɪdɪt	ʔaɪdɪt
386	To be heavy	ʔaɪtʰweɪt	ʔaɪtʰwɪt	ʔɛɪtʰvɪt	ʔaɪtʰɔɪ
387	To be hard	ʔaɪpreɪt	ʔaɪpweɪt /ʔaɪpɑŋɪʔaɪsʰɑŋɪ	ʔɛɪʝɔɪt	ʔaɪtsʰɔɪ

388	To be smooth	baɭpliɿ	biɭtsɯkɭɿɯ /boɭpliɿ	ʔɛɯpliɿ	ʔaɯpljeɯ
	<b>Other Qualities</b>				
389	To be fast	ʔaɯprjaɿ	ʔaɯp <sup>h</sup> waiɯ	ʔɛɯɭɛɿ	ʔaɯp <sup>h</sup> wɛɯ
390	To be slow	ʔaɯjoɿ	ʔaɯjɿɯ	ʔɛɯjɿɯ	ʔaɯjɿɯ
391	To be strong	ʔaɯsoɯʔaɯs <sup>h</sup> ɔɿ	xeiɿʔɔɿ /ʔaɯs <sup>h</sup> uɯʔaɯs <sup>h</sup> ɿɯ	k <sup>h</sup> uɯduɯʔaɯ duɯ	ʔaɯts <sup>h</sup> ɔɯ
392	To be weak	hɛɿdʒɛɿriɯdʒɛɿ	xeiɿʔɔɿwaɿ /hɛɿxeiɯdʒaɯɯ	k <sup>h</sup> uɯs <sup>h</sup> iɿʔaɯ dʒaɯ	ʔaɯjoɯ
393	To be tired	ʂɛɯpraɿ	laɯdɔɯ	loɿdaɯ	loɯdeɯ
394	To be blind	ʔaɯɭɛɿ	k <sup>h</sup> iɿ /ʔaɯɭaɯɯ	ʔɛɯɭaɯ	laɯ
395	To be deaf	kɛɯʔɔɿ	tɛɯʔɿɯ	naɯkuɯʔɿɯ	kɛɯʔɿɯ
396	Bald	maɿt <sup>h</sup> ɛɯɭɛɿ	mɛɯt <sup>h</sup> aɯdaɯ	mɛɯt <sup>h</sup> ɔɯʔɔɯɭloɯ	mɛɯt <sup>h</sup> ɔɯtɯaɯploɯ
397	Naked	ʔoɯkaɯkloɯ	ʔɔɿtɛɯkɭiɿ /ʔoɯplauɯkaɯɯ /ʔɔɿkaɯkɭauɿ	ʔoɯkloɯliɿ	ʔoɯguɯɭjeɯ
398	To be good	ʔaɯrjaɿ	dʒuɯ	ʔɛɯroɿ	ʔaɯvoɯ
399	To be bad	ʔaɯdʒɛɿ	hɛɯɿ /ʔaɯdʒuɯ	ʔɛɯʔɛɯ	ʔaɯdʒɿɯɿɯɯ
400	To be correct	ʔaɯtoɿ	mweiɯ /ʔaɯtoɯ	ʔɛɯbaɯ	ʔaɯmɛɯ
401	To be wrong	ʔaɯʂuɯ	ʔaɯs <sup>h</sup> uɯɯ	ʔɛɯmaɯ	ʔaɯʂuɯ
	<b>Question Words</b>				
402a	When (past)	dɛɯmoɯhoɯtɛɿ	k <sup>h</sup> ɔɯmaɯgaɿ	laɯk <sup>h</sup> aɯtɛɿ	boɯk <sup>h</sup> ɔɯtɛɯ
402b	When (future)	biɯk <sup>h</sup> ɛɯtɛɿ	k <sup>h</sup> ɔɯmaɯgaɿ	baɯk <sup>h</sup> ɔɯtɛɿ	boɯk <sup>h</sup> ɔɯtɛɯpeɯ
403	Where	biɯtɛɿ	ʔɔɿtɔɯmaɿ	ʔoɯbaɯ	baɯtɛɯ
404	Who	maɯʔuɯpeɿ	baɯdmɯgaɿ	hoɯɭɛɯ	miɯʔoɯpeɯ
405	What	mɛɯtɛɿ	ʔɛɯtɛɯtɯɯgaɿ	tɛɿtɛɿ	tiɯtɛɯ
406	How many (persons)	baɯpreɯtɛɿ	bwɛɯdmɯgaɿ	beɯraɿ	beɯpwaɯtɛɯ
407	Stream	t <sup>h</sup> jeɯkloɿ	t <sup>h</sup> ɛɯɭoɯʔuɯ /t <sup>h</sup> ɛɯ p <sup>h</sup> uɯlt <sup>h</sup> ɛɯkɭauɯ	t <sup>h</sup> iɯloɿ	ɿɯ
408	Wet rice field	ɭjaɿk <sup>h</sup> uɯ	laiɯ	ɭɛɯk <sup>h</sup> uɯ	ɭɛɯ
409	To be ripe	ʔaɯmiɿ	miɯ	ʔɛɯmiɿ	ʔaɯmiɯ
410	Rice seedling	bwɛɿkɭwiɿ	boɯk <sup>h</sup> ɭweiɿ	buɯkɭaɯ	buɯk <sup>h</sup> ɭliɯ
411	Pangolin	juɯ	juɯ	juɿ	joɯ
412	Crested	k <sup>h</sup> aɿdiɯ	k <sup>h</sup> uɯtɛɯɯniɯ	k <sup>h</sup> uɯʔɔɯʔoɯ	ʔaɯk <sup>h</sup> ɔɯdiɯ
413	Water leech	zaɯ	dʒaiɯ	jaɯ	loɯ
414	Land leech	ʂwoɯ	tɛɯɯvɯɯ /ʂoɯ	ʔuɯ	ʂoɯ
415	Earthworm	zaɿkroɿ	tɛɯɭaiɿ	t <sup>h</sup> aɯjeɿ	t <sup>h</sup> aɯjeɯ
416	I (1S)	vaɿ	k <sup>h</sup> wɛɯ	heɯ	heɯ
417	Thou (2S)	nɛɯ	naɿ	naɿ	naɯ
418	He/she/it (3S)	ʔɛɯ	jaɿ	ʔɛɯ	ʔaɯ
419	We (1 pinc)	peɯ	heɯt <sup>h</sup> ɔɯp <sup>h</sup> ɔɯ	paɿ	paɯ
420	You (2P)	ʔiɿ	jaɿxɔɿ /ʂiɿ	ʔiɯ	ʂeɯ
421	They (3P)	ʔɛɯʔiɿ	jaɿʂiɿ	ʔɛɯnaɯʔiɯ	ʔaɯʂeɯ
422	Sleeping area	hiɯdoɯkuɿ	ʔoɯmeiɯʂeɯɯtɛɯ ʔuɯ	k <sup>h</sup> ɔɯɭaɯʂiɯmiɯ	tɛɯweɯkaɯ
423	To take	p <sup>h</sup> jeɯdʒɿɿ	dʒaɿhaɯ /p <sup>h</sup> jeɯhaɯ	p <sup>h</sup> iɿkeɯ	dʒoɯʔiɯ /p <sup>h</sup> jeɯdʒoɯ

424	To disappear	ʔoJmɛ¹	k <sup>h</sup> uJmaJ	ʔɛJlu¹ma¹kɛ¹	ʔaJha¹ma¹
425	To split w/a knife	kɛ¹dm¹	duŋ¹tuŋJ /ka¹	dm¹t <sup>h</sup> a¹tu¹	plaJ
426	To bend	taJkaJ	tɔJkeiJ	ʔɛJre¹we¹	teJkweJ
427	To lift	dʒo¹t <sup>h</sup> jaJ	bei¹	dʒo¹	dʒo¹t <sup>h</sup> o¹
428	To do/ make	meJ	maJ	maJ	maJ
429	Don't do it	meJta¹me¹	maJmɔ¹	ma¹maJ	maJmaJ
430	Half a quantity	tɔJkla¹me¹	tɔJkuŋ¹	tɔJk <sup>h</sup> o¹	taJko¹keJ
431	Disgusting	ʒɔ¹	tɔJjɻJ	jo¹miJ	ʔaJweJdʒaJ
432	Warm	ku:¹leJ	laJ	ʔɛJla¹	ʔaJlaJ
433	Cool	kɔJdʒu¹kɔJbɛ¹	ʔaJdʒɛ¹	ʔɛJroJ	kuJdʒuJkaJba¹
434	Difficult	ʔaJpja¹ʔaJɬɛ¹	ʔaJjaŋJ	ʔɛJpɔJjaJ	pɔJts <sup>h</sup> aJ
435	Easy	ʔaJzu¹	ʔaJju¹	ʔɛJju¹	ʔaJjoJ
436	Loose	ʔaJtɔJklja¹	ʔaJtɔJk <sup>h</sup> laŋ¹	ʔɛJk <sup>h</sup> o¹	ʔaJk <sup>h</sup> oJk <sup>h</sup> o¹

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## APPENDIX B

### WORDLIST FOR INITIAL TONE CATEGORY ANALYSIS

No		MSEA	Gloss	Kayah	Kayaw	Monu	Yintale
1	Group one	358	far	jeJ	ji+	jeJ	ju+
2		182	name	mwi+	mi+	miJ	miJ
3		131	tongue	pliJ	pli+	pleJ	pliJ
4		171	person	preJ	pra+	pwaJ	pjaŋJ
5	Group two	33	silver	ru+	ruJ	voJ	myJ
6		363	white	bu+	buJ	buJ	buA
7		3	moon	le+	la+	laJ	laV
8		220	spear	bja+	bo+	boJ	baŋJ
9	Group three	23	water	t <sup>h</sup> je+	t <sup>h</sup> i+	ʃiJ	t <sup>h</sup> eJ
10		269	die	ʃje+	θi+	ʃiJ	ʃeV
11		368	new	ʃe+	θa+	ʃaJ	ʃaŋA
12		362	black	loJ	θuJ	lyJ	suŋA
13	Group four	172	father	p <sup>h</sup> e+	p <sup>h</sup> a+	p <sup>h</sup> aJ	p <sup>h</sup> aJ
14		102	snake	ru+	ruJ	voJ	woJ
15		173	mother	mxu+	myJ	moJ	muJ
16		2	sun	mɔ+	muJ	muJ	myJ
17	Group five	68	paddy rice	bxu+	buJ	buJ	bɔJ
18		159	bone	krwi+	ʃu+	k <sup>h</sup> wiJ	k <sup>h</sup> weiJ
19		145	hand	k <sup>h</sup> uJ	dzu+	k <sup>h</sup> oJ	dzauV
20		377	spicy	ʃaJ	he+	heJ	haiV
21	Group six	43	leaf	leJ	laJ	laJ	la+
22		376	bitter	k <sup>h</sup> eJ	k <sup>h</sup> aJ	k <sup>h</sup> aJ	k <sup>h</sup> aJ
23		48	bamboo	veJ	hwuJ	voJ	va+
24		212	fire	miJ	miJ	miJ	mi+
25		18	year	naJ	deJ	neJ	nei+
26		4	star	s <sup>h</sup> eJ	ʃaJ	ʃaJ	sa+
27	Group seven	175	son-in-law	me+	mo+	moJ	maJ
28		121	brain	no+	ny+	nyJ	nuJ
29		277	enter	nxu+	nu+	nuJ	nuJ
30		351	deep	za+	dzyJ	joJ	joJ
31	Group eight	163	skin	p <sup>h</sup> aJ	p <sup>h</sup> e+	beJ	bei+
32		76	monkey	zo+	ju+	juJ	juJ
33		85	pig	t <sup>h</sup> jaJ	t <sup>h</sup> o+	t <sup>h</sup> oJ	t <sup>h</sup> oJ
34		370	dark	k <sup>h</sup> iJ	k <sup>h</sup> i+	k <sup>h</sup> iJ	k <sup>h</sup> iŋJ

## APPENDIX C

### KARENIC TONE BOX WITH REPRESENTATIVE EXAMPLES

		*A	*B	*D
* Aspirated	* p <sup>h</sup> /t <sup>h</sup> /k <sup>h</sup>	<i>Group three</i> water die new black	<i>Group six</i> leaf bitter bamboo fire year star	<i>Group eight</i> skin monkey
* Voiceless	* p/t/k	<i>Group two</i> silver white moon spear	<i>Group five</i> paddy rice bone hand spicy	pig dark
* Voiced	* b/d/g	<i>Group one</i> far name tongue person	<i>Group four</i> father snake mother sun	<i>Group seven</i> son-in-law brain enter deep

## APPENDIX D

### WORDLISTS USED FOR LEXICOSTATISTICS

	Nature	Kayah (Kebogyi)	Yintale	Kayaw (Bre)	Monu
1	Sky	mɔ̃kʰuɿ / mɔ̃llɛɿ	mɔ̃kʰuɿ / mɔ̃llaɿ	mɿkʰoɿ / mɿllaɿ	mɔ̃kʰoɿ / mɔ̃llaɿ
2	Sun	mɔ̃ɿ	tɔ̃ɿmɿɿ	lɿmɿmɿɿ	luɿɿmɿɿ
3	moon	lɛɿ	tɔ̃ɿllaɿ	laɿ	laɿ
4	Star	sʰɛɿ	laɿsaɿ	saɿ	saɿ
5	Cloud	ʔɔ̃ɿllɿ	kanɿʔuŋɿ	kaɿʔuɿtɿɿ	poɿʔoɿllɿ
7	Rain	kɛ̃ɿdɔ̃ɿ	kanɿdɔ̃ɿ	ʃɛ̃ɿdɔ̃ɿ	kʰwɛ̃ɿdɔ̃ɿ
12	Night	mɔ̃kʰiɿ	mɿɿkʰiɿ	lɿmɿmɿnaɿ	luɿɿmɿɿhaɿ
18	Year	naɿ	neiɿ	deɿ	neɿ
23	Water	tʰjeɿ	tʰɛɿ / tʰaiɿ	tʰiɿ	ʃiɿ
26	Earth, soil	heɿkʰuɿ	haɿɿ	haɿ	haɿkʰoɿ
29	Stone	lɔ̃ɿ	lɿɿ	lɿɿ	lɿɿ
34	Iron	tɔ̃ɿtʰɛɿ	tɿɿtʰaɿ	tʰoɿloɿ	tɛ̃ɿtʰoɿ
35	Mountain	sʰoɿ	sʰauɿ	kʰoɿloɿ	kʰɿɿlɿɿ
38	Tree	θoɿ	seiɿ	θɿmɿmɿɿ	ʃɿɿ
41	Thorn	sʰuɿʃaɿ	tɔ̃ɿsʰauɿ	ʃiɿsʰoɿ	taɿʃiɿlɔ̃ɿ
42	Root	θoɿrwiɿ	seiɿweiɿ	θɿkʰoɿrwiɿ	ʃɿkʰoɿlwiɿ
43	Leaf	θoɿleɿ	seiɿllaɿ	θɿllaɿ	ʃɿllaɿ
44	Flower	tɛ̃ɿpʰoɿ	taɿkɔ̃ɿ	tɛ̃ɿpʰoɿ	taɿpʰoɿ
45	Fruit	θoɿθɛɿ	ʔaɿʃaɿ	tɛ̃ɿθaɿ	tɛ̃ɿʃaɿ
46	Seed	ʔaɿpɔ̃ɿ	ʔaɿpʰoɿ	tɛ̃ɿpɿɿ	taɿpʰoɿ
48	Bamboo	veɿ	vaɿ	hwuɿ	voɿ
72	Animal	tɛ̃ɿpʰuɿtɛ̃ɿlljeɿ	taɿpʰuɿtallaiɿ	tɛ̃ɿpʰuɿtɛ̃ɿliɿ	taɿpʰoɿtalliiɿ
73	Tiger	pʰɿmɿkʰiɿ	pauɿkʰiɿ	kʰiɿ	kʰjeɿ / klalleɿpʰoɿ
76	Monkey	zɔ̃ɿ	juɿ	ʃɿɿ	ʃɿɿ
81	Dog	tʰwiɿ	tʰweiɿ	tʰjuɿ	tsʰiɿ / tʰwiɿ
83	To bite	ʔaɿ	ʔeiɿ	ʔeɿ	ʔeɿ
89	Buffalo horn	noɿ	nyɿ	nyɿ	neɿ
90	Tail	kʰaɿmiɿ	kaɿmiɿ	koɿmiɿ	goɿmeɿ
93	Bird	tʰuɿ	tʰuɿpʰuɿ	tʰuɿ	tʰuɿtɛ̃ɿpeɿ
95	Wing	ʔaɿdaɿ	diɿ	deɿ	deɿkeɿ
96	Feather	tʰuɿsʰuɿ	sʰɿɿ	tʰuɿsʰuɿ	ʔaɿlɔ̃ɿ
97	To fly	zɿɿ	juɿ	wiɿ	wiɿ

98	Egg	djeJ	deɪ	diJ	diɪ
101	Fish	tɛɪ	taɪpʰuɪ	tɔɪ	tɔɪpʰuɪ
102	Snake	ruɪ	woɪ	ruJ	voJ
110	Head louse	ʂuɪ	ʂuŋɪ	θiJ	ʂuɪ
119	Head	kʰuɪkɪɔɪ	ʂiɪkɪɪ	ʂuɪkɪɪ	hiɪkɪɪ
125	Eye	mɛɪʂɛJ	maiɪmaiɪpʰɪɪɪ	muɪkiɪpʰɪɪɪ	miɪʂaɪpʰɪɪɪ
127	Nose	kʰaɪpʰxuɪ	naŋɪkʰɛɪ /naŋɪkʰaiɪ	naɪkʰiɪ	noɪkʰiɪ
129	Ear	kʰaɪɛJ	naɪkauɪ	naɪkuɪɪaɪ	noɪkuɪɪaɪ
130	Mouth	kʰaɪʔuɪ	kʰaɪkʰuɪ	kʰaɪloɪmoɪ	kʰoɪpʰɛɪ
131	Tongue	pliɪ	pliɪ	pliɪ	pleɪ
133	Tooth	kuɪkʰjeɪ	tɜɪkʰɛɪ	θuɪ	kʰoɪkʰiɪ
139	Belly	hoɪ	huɪ	pʰuɪ	pʰuɪ
141	Heart	θɛɪpɪɔɪ	ʂaɪpʰɪɪɪ	θoɪ	ʂoɪpʰɪɪɪ
143	Liver	θxuɪ	ʔaɪʂuɪpoɪʂoɪ	θuɪθoɪ	ʂuɪʂoɪ
145	Hand	tɜɪkʰuɪ	dʒauɪ	dʒuɪdeɪ	kʰoɪdeɪ
150	Fingernail	kɜɪnoɪbaɪ	dʒauɪmeɪɪ	dʒuɪθiɪmiɪ	kʰoɪmuɪbeɪ
152	Leg	kʰaɪdxuɪ	kʰaŋɪdauɪ	kʰoɪdeɪ	kʰoɪloɪpoɪ
154	Knee	koɪmaɪ	kʰaɪkleɪɪmaiɪ	kʰoɪleɪmeɪ	kʰoɪleɪmeɪ
159	Bone	krwiɪ	kʰweɪɪ /kʰreɪɪ	ʂuɪ	kʰwiɪ
161	Flesh	ʔaɪjeɪ	jaɪ	jaɪ	ʔaɪjiɪ
163	Skin	ʔaɪpʰaɪ	beiɪ	pʰɛɪ	ʔaɪbeɪ
164	Blood	θwiɪ	ʂweɪɪ	θjuɪ	ʂiɪ
171	Person	kɜɪʒaɪ	pjaŋɪ	praɪ	koɪʒoɪ
172	Father	pʰɛɪ	pʰaɪɪɪɪ	pʰaɪ	pʰaɪ
173	Mother	mxuɪ	ʔiɪɪɪɪ /muɪ	myɪ	moɪ
176	Husband	veɪ	vaɪ	wuɪ	voɪ
177	Wife	meɪ	maɪ	maɪ	maɪ
182	Name	mwɪɪ	miɪ	miɪ	miɪ
184	Road, path	kljaɪ	klaiɪ	kʰleɪ	kleɪ
186	House	hiɪ	ʂeɪɪ	ʂiɪ	hiɪ
212	Fire	miɪ	miɪ	miɪ	miɪ
213	Ashes	koɪpʰɛɪ	pʰaɪ	pʰaɪ	pʰaɪ
214	Smoke	miɪkʰuɪ	miɪkʰauɪ	miɪkʰuɪ	miɪkʰuɪ
224	To see	mjaɪtʰjeɪ	moɪtʰɛɪ	keɪtʰiɪ	keɪʂiɪ
227	To eat	ʔeɪ	ʔaŋɪ	ʔaɪ	ʔaɪ
234	To vomit	ʔaɪprjaɪ	pwɔɪ	proɪ	poɪ
251	To think	tɜɪneɪ	tɜɪneɪ	reɪtaɪ	keɪneɪ



261	To sleep	ʔoɔmjeɪ	ʔoɔmeil	ʃimiɪ	halmojʔoɪ
269	To die	ʃjeɪ	ʃeɪ / ʃaiɪ	θiɪ	ʃiɪ
271	To sit	ʔoɔɲaɪ	dziɲnaɪ	ʃiɲnoɪ	halmojʔoɪ
272	To stand	kəɪtʰoɪ	ʔitʰɪɪ	ʃiltɪɪ	ʔiɪtʰɪɪ
283	To fall	laɪtaɪ	laiɪtaiɪ	loɪteɪ	loɪteɪ
288	To give	djeɪ	deɪ	ʔiɪ	ʔiɪ
308	To burn	ʃʰmɪkjaɪmiɪ	miɪkaiɪ / ʃʰulmiɪ	miɪkeɪ / dʒuɪmiɪ	tʃʰoɪmiɪ / miɪkeɪ
315	To kill	meɪθjeɪ	maɪʃeɪ	maɪθiɪtaɪ	maɪʃiɪ
322	One (person)	təɪpɪɪ	təɪdɪɪ	təɪɪraɪ	taɪpwaɪ
323	Two (persons)	ʃeɪɲeɪ	neɪdɪɪ / niɪdɪɪ	θoɪkliɪ / kiɪtraɪ	ʃoɪkiɪniɪ
324	Three (persons)	ʃeɪɲsuɪ	ʃʰaɪsuɪ	θɪɪtraɪ / θoɪθɪɪ	ʃoɪɲsuɪ
325	Four (persons)	ʃeɪllwiɪ	ʃʰaɪlweiɪ	lwiɪtraɪ / θoɪlwiɪ	ʃoɪllwiɪ
326	Five (persons)	ʃeɪɲaɪ	ɲaiɪdɪɪ	jeɪtraɪ / θoɪjeɪ	ʃoɪɲeɪ
339	To be big	ʔaɪduɪ	pʰaɪduɪ	ʔaɪduɪ / ʔaɪpʰruɪ	ʔaɪdoɪ
341	To be long	ʔaɪtʰuɪ	tʰuɪtəɪɲeɪ	tʰuɪ	ʔaɪtʰoɪ
342	To be short (length)	ʔaɪpʰxuɪ	pʰuɪtɪɪ	pʰɪɪ	ʔaɪpʰoltuɪ
345	To be thick	ʔaɪdxuɪ	duɪ	duɪ	ʔaɪduɪ
351	To be deep	ʔaɪzaɪ	joɪtəɪpiɪ / joɪ	dʒɪɪ	ʔaɪjoɪ
355	Right side	dʒoɪtʰjoɪ	dʒaɪltʰweɪ	θɪɪtʰeɪ	dʒuɪdeɪmoɪ
356	Left side	dʒoɪdʒiɪ	dʒaɪldʒiɪ	triɪdʒiɪ	dʒuɪdʒɪɪdʒeɪ
360	This	dəɪʔjeɪ	təɪʔeɪ	haɪjɪɪ	tɪɪʔɪɪ
361	That	dəɪɲxuɪ	dɪɪɲɪɪ	haɪniɪ	deɪnuɪ
362	Black	ʔaɪloɪ	ʔaɪʃuɪ	ʔeɪθɪɪ	ʔaɪɪɪ
363	White	ʔaɪbuɪ	ʔaɪbuɪ	ʔeɪbuɪʃoɪ	ʔaɪbuɪ
364	Red	ʔaɪliɪ	ʔaɪleɪ	ʔeɪliɪkoɪ	ʔaɪleɪ
365	Green	ʔaɪsuɪ	ʔaɪtəɪɲaɪ	ʔeɪkaɪlaɪ	ʔaɪsuɪ
368	To be new	ʔaɪʃeɪ	ʔaɪʃaɪ	ʔeɪθaɪ	ʔaɪʃaɪ
376	To be bitter	ʔaɪkʰeɪ	kʰaɪ	ʔeɪkʰaɪ	ʔaɪkʰaɪ
382	To be hot	ʔaɪkɪɪ	ʔaɪkuɪ	ʔeɪkuɪ	ʔaɪkoɪ