

Old Burmese “-”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	-	j	-	-	-	-	(2 exx.)
#2	-	-	-	-	-	-	(16 exx.)
#3	-	j	-	j	j	-	(1 ex.)
#4	-	-	-	?j	?j	j	(1 ex.)
#5	-	j	-	j	-	j	(18 exx.)
#6	-	-	-	-	?	?	(3 exx.)
#7	-	j	j	∅	-	-	(1 ex.)
#8	-	-	∅	j	-	-	(1 ex.)
#9	-	-	-	-	∅	-	(1 ex.)
#10	-	-	-	j	j	-	(3 exx.)
#11	-	j	-	j	-	-	(4 exx.)
#12	-	-	-	j	-	j	(3 exx.)
#13	-	∅	∅	-	-	-	(1 ex.)
#14	-	∅	∅	-	-	?	(1 ex.)
#15	-	j	j	?j	?j	?j	(13 exx.)
#16	-	z _l	z _l	-	-	-	(6 exx.)
#17	-	∅	∅	?w	∅	-	(1 ex.)
#18	-	∅	l	-	∅	∅	(1 ex.)
#19	-	∅	∅	j	∅	j	(1 ex.)
#20	-	31	55	55	35	35	(2 exx.)
#21	-	∅	∅	∅	∅	∅	(1 ex.)

1.1 -j:-:-:-:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
551 (“the beard”)	n ^h ut ⁴	n ^o t ⁵³	n ^u t ⁵⁵ z ^l ⁵⁵	n ^u t ⁵⁵ ku [?] ⁵⁵	n ^o t ⁵⁵	n ^a t ⁵⁵
2660 (“the milk”)	no ¹ ³ n ^u iv ¹	n ^o ³¹ n ^a u ³⁵	no ³¹ n ^a u ³¹	n ^o ²¹ n ^a u ⁵⁵	n ^o ³¹ n ^a u ³⁵	n ^u ŋ ³⁵ n ^u k ⁵⁵

1.2 -:-:-:-:-:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
362 (“to think (reflect)”)	tuy ^h	∅	∅	∅	∅	∅
369 (“to spit”)	thuy ^h	∅	∅	∅	∅	∅
549 (“the friend”)	mit ⁴ chuy ²	∅	∅	∅	∅	∅
682 (“the wolf”)	wam ² pu ¹ luy ²	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2172 (“fragrant”)	mhuy³	∅	∅	∅	∅	∅
2257 (“raise (chickens) (v.)”)	muy³	∅	∅	∅	∅	∅
2696 (“the pestle”)	kyañ²puy¹	∅	∅	∅	∅	∅
2805 (“the summer”)	nui²	∅	∅	∅	∅	∅
2823 (“the testicles”)	guy³ce¹	∅	∅	∅	∅	∅
2917 (“to breathe”)	a¹nuy¹	∅	∅	∅	∅	∅
3128 (“warm”)	nuyh³thuy³	∅	∅	∅	∅	∅
198 (“the dog”)	mliykhuyh	pum⁵⁵xui³¹	pum⁵⁵fui³¹	vam⁵¹k^hui²¹	mjaŋ⁵⁵	mjaŋ³¹k^ha³⁵
321 (“the beard”)	amuyh³	a³¹mui³¹	ŋɔ²⁵⁵mui³¹	mo⁵⁵ ʃɔ²¹mau⁵⁵	k^hui³⁵ a³¹mau³⁵	ʃɔ³⁵muk⁵⁵
2763 (“the silver”)	nuy²	ŋui⁵⁵	ŋui⁵⁵	∅	ŋɔ⁵⁵	ŋɔi³¹
92 (“the blood”)	suyh	∅	∅	∅	sui³⁵	sa³⁵
2579 (“the gold”)	rhuy²	se⁵⁵	se⁵⁵	∅	∅	∅

1.3 **-j:-:j:j:-**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
161 (“to reside (live)”)	niy	ŋɔ²⁵⁵	nai⁵⁵	ŋji⁵¹	ŋji⁵⁵	na³¹

1.4 **-:-:~?j:~j:j**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
370 (“to sleep”)	ip⁴	e³¹	it⁵⁵	jup⁵⁵	jap⁵⁵	jap³¹

1.5 **-:j:-:j:-:j**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
210 (“the wife”)	samiḥ³	ni³¹mɔ²³¹	ni⁵⁵mɔ³¹	mji²¹ve²¹	mi³¹γe³¹	mji³⁵γe³⁵
2006 (“ask / question (v.)”)	miy³	ni³¹	ni³¹	mji²¹	məi³¹	mjik⁵⁵
284 (“the heart”)	nhalumḥ³	ŋa⁵⁵lum³¹	ŋɔ²³¹lum³¹	∅	∅	∅
2169 (“forget (v.)”)	miy¹	ni³⁵	ni²⁵⁵ni³⁵	∅	∅	∅
250 (“to give”)	piyh³	∅	∅	pji²¹	pi³¹	pjik⁵⁵
2503 (“the day”)	niy¹khañḥ³	∅	nai³⁵tsin³⁵	ŋji⁵⁵khjui⁵⁵	ŋji³⁵kauy³¹	∅
2107 (“divide / share (things) (v.)”)	∅	mianj³⁵	meŋ³⁵	∅	∅	∅
2704 (“the pine”)	∅	piak³¹tsen⁵⁵	tsɛ³¹pɛk³⁵a³¹	∅	∅	∅
3045 (“to split”)	∅	tiak³⁵	tɕsuŋ⁵⁵ tɛk³⁵	∅	∅	∅
187 (“horizontal”)	∅	∅	∅	a²¹pji⁵¹	pi⁵⁵	pji³¹

1.11 **-:j:-:j:-:-**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
336 (“seven”)	khunac	n ⁵⁵ it	nit ⁵⁵	ŋjit ⁵⁵	nɔt ⁵⁵	nat ⁵⁵
365 (“the name”)	amañ	a ³¹ n ⁵⁵ iŋ	a ³¹ n ⁵⁵ iŋ	mjiŋ ⁵¹	maŋ ⁵⁵	maŋ ³¹
778 (“soft”)	∅	∅	∅	ŋjom ⁵⁵	nɛ̃ ³⁵	nɛ̃ ⁵⁵
2589 (“the gums”)	∅	∅	∅	ŋjiŋ ²¹	∅	ŋjan ³¹

1.12 **-:-:j:-:j**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
194 (“the smoke”)	mih ³	ni ³¹ xau ³¹	ŋi ³¹ xau ³¹	mji ²¹ khau ²¹	mi ³¹	mji ²¹ khuk ⁵⁵
89 (“here”)	∅	xai ⁵⁵ n ^{en} ³¹	xai ⁵⁵	xai ⁵¹	a ³¹ k ^{hə} ³¹ nɛ̃ ³¹	∅
134 (“four”)	∅	mi ³¹	mi ⁵⁵	mji ²¹ ʃun ⁵¹ tap ²¹	məi ³¹	∅

1.13 **-:∅:∅:-:-**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
155 (“the river”)	riy ² ku ³	∅	∅	vui ⁵¹ li ²¹	γəi ⁵⁵ xɛ̃ ³¹ xɛ̃ ³¹	γək ³¹ xɛ̃ ³¹

1.14 **-:∅:∅:-:-?**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2616 (“the intestines”)	ū ²	∅	∅	u ⁵¹	u ⁵⁵	au ³¹

1.15 **-:j:j:ʔj:ʔj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
105 (“to float”)	∅	nə ³¹	ɲu ³¹	∅	∅	∅
208 (“marry (v.)”)	∅	i ³¹ nɔ ³¹	ji ³¹ ɲɔ ³¹	∅	∅	∅
209 (“the woman”)	∅	i ³¹ nɔ ³¹	ji ³¹ ɲɔ ³¹	∅	∅	∅
519 (“shy”)	∅	nɔ ³¹ ʔ ⁵⁵ si ³¹	ɲɔ ³¹ ʔ ⁵⁵ sai ³⁵	∅	∅	∅
528 (“he or she [third person singular]”)	∅	ŋaŋ ³¹	ɲaŋ ³¹	∅	∅	∅
692 (“the dust”)	∅	ŋon ⁵⁵ pen ³¹	ɲon ⁵⁵	∅	∅	∅
725 (“today”)	∅	xai ⁵⁵ n ^{en} ³¹	fu ³¹ ŋen ³¹	∅	∅	∅
763 (“narrow”)	∅	ŋap ⁵⁵	ɲap ⁵⁵	∅	∅	∅
770 (“the dream”)	∅	it ⁵⁵ mɔ ³¹	in ³¹ mɔ ³¹	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
846 (“soft”)	∅	nɔt ⁵⁵	ɲɔt ³¹	∅	∅	∅
2657 (“the medicine”)	∅	nam ³¹ ɲɔ ³¹	ɲɔ ³¹	∅	∅	∅
427 (“the house”)	a ¹ cā ² im ²	in ⁵⁵ tcaj ⁵⁵	in ⁵⁵	jum ⁵¹ kuj ⁵¹	jam ⁵⁵	jam ³¹
200 (“the dream”)	ip ⁴ mak ⁴	∅	∅	jup ⁵⁵ mo ²¹	khaup ⁵⁵ jap ⁵⁵ mai ²⁵⁵	khaup ³¹ jap ³¹ mo ²³¹

1.16 -:z:z:-:-:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
26 (“the leaf”)	aro ₁ k	a ³¹ xzɔ ²⁵⁵	a ³¹ xzɔ ²⁵⁵	a ²¹ xa ²⁵⁵	sak ⁵⁵ fa ²⁵⁵	fɔ ²⁵⁵
2014 (“bark (v.)”)	∅	kzɔp ⁵⁵	kzɔp ⁵⁵	vap ²¹	ɣɛ ²	ɣɛ ²³¹
2249 (“prize / pry (v.)”)	∅	∅	kzɔk ³⁵	kik ²¹	kak ³¹ tɯ ⁵⁵	kak ³¹
2029 (“bloated, feel (of the stomach) (v.)”)	∅	∅	pzɔj ³¹	puj ²¹	∅	∅
2434 (“the bud”)	∅	∅	a ³¹ pzum ³¹	a ²¹ pum ²¹	∅	∅
2315 (“splash / sprinkle (v.)”)	∅	∅	xzɔt ⁵⁵	∅	fɛ ²⁵⁵	fɛ ²⁵⁵

1.17 -:∅:∅:2w:∅:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
643 (“below, under”)	o ₂ k	∅	∅	o ⁵¹ mai ²¹	∅	ɔ ³¹ mɛ ³¹

1.18 -:∅:1:-:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2161 (“fight / vie for (v.)”)	lu ¹ yak ⁴	∅	lu ³⁵	lu ⁵⁵ lum ²¹	∅	∅

1.19 -:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3126 (“warm”)	nuyh ³ thuy ³	∅	∅	ɲje ²¹	∅	ɲjɔ ³⁵

1.20 -:31:55:55:35:35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
576 (“late”)	no ₂ kkya	∅	∅	t ^h aj ⁵¹ kjo ⁵⁵	t ^h ɔ ⁵⁵ kja ³⁵	∅
2426 (“the brick”)	∅	tɕuan ³¹	tɕuan ⁵⁵	∅	tɕɔn ³⁵	tɕɔn ³⁵

1.21 -:Ø:Ø:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2254 (“punish (v.)”)	daṅtap ⁴	Ø	Ø	Ø	Ø	Ø

Old Burmese “a”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	a	ɔ	ɔ	o	a	ɔ	(53 exx.)
#2	a	ə	ɔ	e	a	i	(1 ex.)
#3	a	a	a	e	ɛ	ɛ	(1 ex.)
#4	a	a	a	a	a	a	(16 exx.)
#5	a	o	o	a	a	ɔ	(2 exx.)
#6	a	am	am	am	ɛʔ	ɛʔ	(10 exx.)
#7	a	ua	ɔ	o	a	ɔ	(3 exx.)
#8	a	ɔ	ǎ	o	a	ɔ	(3 exx.)
#9	a	aiʔ	n	o	a	ɔ	(2 exx.)
#10	a	ɔʔ	ɔ	o	ǎʔ	ǎ	(3 exx.)
#11	a	a	ɣ	ə	ɛ	ɛʔ	(3 exx.)
#12	a	ja	ɔʔ	ut	ɔt	at	(2 exx.)
#13	a	i	a	jo	ja	jo	(2 exx.)
#14	a	ǎ	ǎ	ǎ	ǎ	ǎ	(4 exx.)
#15	a	au	ɔ	a	ǎk	ǎ	(3 exx.)

2.1 a:ɔ:ɔ:o:a:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
47 (“the daughter”)	samiḥ ³	∅	∅	∅	∅	∅
271 (“to play”)	ka ¹ cāḥ ³	∅	∅	∅	∅	∅
272 (“to play”)	ka ¹ cāḥ ³	∅	∅	∅	∅	∅
274 (“the son”)	sa ³ mak ⁴	∅	∅	∅	∅	∅
276 (“the mouth”)	pāḥcap	∅	∅	∅	∅	∅
346 (“to hunt”)	a ¹ mai ³ lok ⁴	∅	∅	∅	∅	∅
409 (“to scratch”)	a ¹ yāḥ ³	∅	∅	∅	∅	∅
555 (“the horn (woodwind)”)	phyo ₂ k ⁴ kha ¹ rā ² [nhai ³]	∅	∅	∅	∅	∅
664 (“hard”)	mā	∅	∅	∅	∅	∅
751 (“the scar”)	a ¹ mā ² ruit ⁴	∅	∅	∅	∅	∅
2022 (“beautiful”)	lha ¹	∅	∅	∅	∅	∅
2144 (“fat (of person)”)	va ¹	∅	∅	∅	∅	∅
2184 (“hungry”)	chā ²	∅	∅	∅	∅	∅
2261 (“rely / lean on (v.)”)	a ³ kuiv ³	∅	∅	∅	∅	∅
2278 (“the animal oil”)	a ¹ khyan ² pho ₂ k ⁴	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2283 (“shake / quake (v.)”)	tun ² khā ²	∅	∅	∅	∅	∅
2347 (“teach (v.)”)	cā ² sañ ²	∅	∅	∅	∅	∅
2433 (“the bridge”)	tam ² ta ³	∅	∅	∅	∅	∅
2481 (“the cooked rice”)	tha ³ mañḥ ³	∅	∅	∅	∅	∅
2510 (“the door”)	tan ² khāḥ ³	∅	∅	∅	∅	∅
2550 (“the forehead”)	na ¹ phūḥ ³	∅	∅	∅	∅	∅
2610 (“the horn (woodwind)”)	kha ¹ ru ¹ pak ⁴	∅	∅	∅	∅	∅
2628 (“the knife”)	dhāḥ ³	∅	∅	∅	∅	∅
2630 (“the ladle”)	yo ₂ k ⁴ ma ¹	∅	∅	∅	∅	∅
2883 (“the willow”)	muivḥ ³ ma ¹	∅	∅	∅	∅	∅
2893 (“the wound”)	kha ¹ dan ² ra ²	∅	∅	∅	∅	∅
91 (“five”)	nāḥ	ŋɔ ³¹	ŋɔ ³¹	ŋo ²¹	ŋa ³¹	ŋɔ ⁵⁵
112 (“the tongue”)	lhyā	ɕɔ ⁵⁵	ɕɔ ⁵⁵	fo ⁵¹	fa ⁵⁵	fo ³¹
156 (“I [first person singular]”)	nā	ŋɔ ⁵⁵	ŋɔ ⁵⁵	ŋo ⁵¹	ŋa ⁵⁵	ŋɔ ³¹
326 (“right”)	yā	loʔ ³¹ zo ⁵⁵ pa ³¹	loʔ ⁵⁵ jo ⁵⁵	loʔ ²¹ jo ⁵¹	laʔ ³¹ ja ⁵⁵	loʔ ³¹ jo ³¹
341 (“to fight”)	a ¹ ka ¹	tek ⁵⁵ ko ³¹	ta ³⁵ ko ³⁵	mə ²¹ khon ⁵¹	mə ³¹ khon ⁵⁵	mə ³¹ khon ⁵⁵
360 (“the cooked rice”)	a ¹ cā ² im ²	teɕ ⁵⁵	ɕɔ ⁵⁵	ko ⁵⁵ ŋə ²¹ tso ²¹	ka ⁵⁵ ŋə ³¹ ta ³¹	ko ⁵⁵ ŋə ³¹ tsɔ ³¹
421 (“the salt”)	chāḥ ³	teho ³¹	cho ³¹	tsho ⁵⁵	tha ³⁵	tsho ³⁵
545 (“bitter”)	kha ³	xɔ ³¹	xɔ ³¹	i ²¹ ʃum ²¹ k ^h o ²¹ xo ²¹	kha ³⁵ xa ³⁵	k ^h ɔ ³⁵ xɔ ³⁵
546 (“to plant (vegetals, rice)”)	∅	sɔ ³¹	sɔ ³¹		xa ³⁵	xɔ ³⁵
2911 (“to be ill”)	∅	no ⁵⁵	no ⁵⁵	no ⁵¹	na ⁵⁵	no ³¹
3008 (“to repair”)	phā ²	pho ⁵⁵	pho ⁵⁵	pho ⁵¹	pha ⁵⁵	∅
239 (“to eat”)	cāḥ ³	∅	∅	∅	ta ³¹	tsɔ ³⁵
294 (“the nose”)	nhā	∅	∅	∅	na ⁵⁵	no ³¹
29 (“hundred”)	ryā	∅	∅	fo ⁵¹	sak ⁵⁵ ja ⁵⁵	sak ⁵⁵ jo ³¹
2490 (“the cow”)	no ₁ ³ ma ¹	∅	no ³¹ mo ³¹	∅	∅	∅
2538 (“the face”)	myak ⁴ nhā ²	∅	noʔ ⁵⁵ no ⁵⁵	∅	∅	∅
3010 (“to return”)	∅	∅	lo ³⁵	lo ⁵⁵	la ³⁵	lo ⁵⁵
24 (“the sun”)	∅	ni ³¹ mo ³¹	n ³¹ mo ³¹	∅	∅	∅
2524 (“the west”)	∅	ni ³¹ mo ³¹ oŋ ⁵⁵	n ⁵⁵ mo ⁵¹ oŋ ⁵⁵	∅	∅	∅
115 (“the sand”)	∅	pa ³¹	pa ³¹	∅	mɛ ⁵⁵ fa ⁵⁵	ma ³¹ fo ³¹
2301 (“slow”)	∅	∅	∅	∅	ta ³⁵	tsɔ ⁵⁵
755 (“the moon”)	∅	∅	∅	lo ⁵⁵ mo ⁵⁵	lɛ ³⁵ ma ³¹	∅
3078 (“to wait”)	∅	∅	∅	laŋ ⁵⁵ to ²¹	lɔ ³⁵ ta ³¹	∅
2036 (“borrow (money) (v.)”)	nḥāḥ ³	mo ³¹	ŋɔ ³¹	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2256 (“raise (chickens) (v.)”)	∅	∅	∅	tso ²¹	ta ³⁵	tsɔ ³⁵
468 (“the tiger”)	∅	∅	lɔ ³¹ mɔ ³¹ mut ³⁵	lo ²¹ mo ⁵⁵	∅	∅
364 (“the name”)	∅	∅	∅	∅	∅	∅

2.2 a:ə:ɔ:e:a:i

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
148 (“to come”)	lā	zə ³⁵	lɔ ⁵⁵	le ⁵⁵	la ⁵⁵	li ⁵⁵

2.3 a:a:a:e:e:ɛ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2506 (“understand (v.)”)	sa ¹ bo ² po ² k ⁴	sa ³⁵	sa ³⁵	se ⁵⁵ ɔot ²¹	sɛ ³⁵	se ⁵⁵

2.4 a:a:a:a:a

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
1 (“below, under”)	amañ	a ³¹ tuŋ ⁵⁵	a ³¹ zəm ³¹	a ²¹ sak ²¹ tɪr ²¹ ʔ ⁵⁵	a ³¹ sak ³¹ ŋai ⁵⁵	a ³¹ ŋji ³¹ nɛr ²¹ ʔ ³¹
11 (“above”)	ariy	a ³¹ zɪ ⁵⁵	a ³¹ zɪ ⁵⁵	a ²¹ mji ²¹	a ³¹ tuŋ ⁵⁵	a ⁵⁵ mji ⁵⁵
637 (“inside”)	ato ₁ rñh	a ³¹ xau ⁵⁵	a ³¹ xau ⁵⁵	a ²¹ k ^h au ⁵¹	a ³¹ k ^h au ⁵⁵	a ³¹ k ^h uk ³¹
25 (“middle”)	aro ₁ k	a ³¹ kɯŋ ⁵⁵	a ³¹ xzɔ ₁ ⁵⁵	∅	a ³¹ kaŋ ³¹	a ³¹ kaŋ ³⁵
131 (“one”)	ta ¹ vak ⁴	ta ³¹	ta ³¹ sau ⁵⁵	∅	ta ³¹	ta ³¹
438 (“the grass”)	∅	sa ⁵⁵	sa ⁵⁵	∅	∅	∅
2521 (“the east”)	∅	ni ³¹ mɔ ³¹ ɔŋ ⁵⁵	n ⁵⁵ mɔ ⁵¹ oŋ ⁵⁵	∅	∅	∅
2552 (“the forehead”)	∅	pa ³¹ ŋä ³¹ tha ³⁵	pa ³¹ ŋo ³¹ ta ³⁵	∅	∅	∅
2618 (“the intestines”)	∅	a ³¹ zɪt ⁵⁵	a ³¹ zɪt ⁵⁵	∅	∅	∅
3125 (“wake up (v.)”)	∅	pa ⁵⁵	pa ⁵⁵	∅	∅	∅
278 (“the fish”)	nāh ³	ŋa ³¹ ʃua ³¹	∅	∅	∅	∅
2193 (“cut (meat) (v.)”)	rha ¹	xa ³¹	∅	∅	∅	∅
309 (“the father”)	∅	∅	∅	a ⁵⁵ va ²¹	a ³¹ va ⁵⁵	∅
616 (“the barley (tibetan or highland)”)	∅	∅	∅	mə ⁵⁵ ja ²¹ ŋjaŋ ²¹	mɛ ³¹ ja ⁵¹	∅
2437 (“the bud”)	∅	∅	a ³¹ pzum ³¹	a ²¹ pum ²¹	∅	∅
52 (“straight”)	∅	∅	ʃa ³¹	∅	∅	∅

2.5 a:o:o:a:a:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
50 (“the bamboo”)	vāḥ ³	o ³¹	o ³¹	va ²¹	va ³¹	vɔ ³⁵
173 (“tomorrow”)	∅	∅	∅	naʔ ²¹ ma ⁵⁵	nɛʔ ³¹ ma ³⁵ nɛʔ ³¹	nɛʔ ³¹ mɔ ⁵⁵ nɛʔ ³¹

2.6 a:am:am:am:ɛ ~ :ɛ ~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2432 (“the bridge”)	∅	tɛam ⁵⁵	cam ⁵⁵	tsam ⁵¹	tsɛ̃ ⁵⁵	tsɛ̃ ³¹
2442 (“the butterfly”)	∅	phă ³¹ zəm ³⁵ tɕam ⁵⁵	phă ⁵⁵ lam ⁵⁵	phă ⁵⁵ lam ⁵¹	phă ³¹ lɛ̃ ⁵⁵	phă ³¹ lɛ̃ ³¹
775 (“the otter”)	∅	sam ⁵⁵	∅	xam ⁵¹	xɛ̃ ⁵⁵	xɛ̃ ³¹
2728 (“the rib”)	∅	luk ³¹ kharj ³¹ tɕham ⁵¹	∅	nam ⁵¹ tɕham ²¹	nɛ̃ ⁵⁵ tɕhɛ̃ ³⁵	nɛ̃ ³¹ tɕhɛ̃ ³⁵
2106 (“divide / share (things) (v.)”)	muiḥ ³ ma ¹ kha ¹	∅	∅	tharj ²¹ mo ⁵⁵ kam ⁵¹	γəi ⁵⁵ pɛ̃ ⁵⁵ tu ³¹ kɛ̃ ⁵⁵	γuk ⁵⁵ kɛ̃ ³¹
126 (“the flower”)	∅	kăn ⁵⁵ tam ³¹	pan ⁵⁵ tam ³¹	∅	∅	∅
464 (“the stick”)	∅	tam ⁵⁵	tam ⁵⁵	∅	∅	∅
540 (“to chew”)	∅	mam ³¹	mam ³¹	∅	∅	∅
2086 (“cut (meat) (v.)”)	∅	∅	jam ³¹	jam ²¹	∅	∅
733 (“young”)	∅	∅	a ³¹ zəm ³¹	∅	∅	∅

2.7 a:ua:ɔ:o:a:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
37 (“the fish”)	asāḥ ³	ɕua ³¹	ɕɔ ³¹ pɔk ⁵⁵	fo ²¹	fa ³⁵	fo ³⁵
2952 (“to get / acquire”)	ra ¹	zua ³⁵	zɔ ³⁵	∅	∅	∅
228 (“the ear”)	∅	ni ³¹ tɕshua ³¹	ɲa ³¹ tɕshɔ ³¹	∅	∅	∅

2.8 a:ɔ:ɔ̃:o:a:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
243 (“the frog”)	phāḥ ³	phɔ ³¹	∅	∅	pa ³⁵	pɔ ³⁵
467 (“the tiger”)	∅	lɔ ³¹	lɔ ³¹ mɔ ³¹ mut ³⁵	lo ²¹ mo ⁵⁵	la ³¹	lɔ ³⁵
262 (“yellow”)	vā	∅	∅	∅	∅	∅

2.9 a:ai?:n:o:a:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2873 (“the widow”)	mu ¹ chuiḥ ³ ma ¹	meʔ ³¹ maiʔ ³¹	∅	tɕhui ²¹ mo ⁵⁵	tɕhu ³⁵ ma ³¹ mi ³⁵	tɕhuk ⁵⁵ mɔ ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
42 (“bad”)	∅	∅	n ³¹ ko ³¹	∅	a ³¹ kai ⁵⁵	∅

2.10 a:ɔʔ:ɔ:ɔ:ɔʔ:ǎ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
484 (“the sparrow”)	cā ²	∅	∅	tʃo ⁵¹ k ^h jaŋ ⁵⁵	tʃəʔ ³¹ k ^h jəʔ ³⁵	tʃəʔ ³¹ k ^h jəʔ ⁵⁵
114 (“the moon”)	laʔ	phǎ ³¹ lɔʔ ³¹	pau ⁵⁵ lɔʔ ³¹	∅	∅	∅
195 (“the sickle”)	∅	ni ³¹ mɔʔ ³¹	ni ⁵⁵ mɔʔ ³¹	∅	∅	∅

2.11 a:a:ɣ:ə:ɛ:e ~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
342 (“the cheek”)	pāḥ ³	pha ³¹ kap ³⁵	pɣ ³¹ zəm ³⁵	pə ²¹ sop ⁵⁵	∅	∅
617 (“the barley (tibetan or highland)”)	∅	∅	∅	mə ⁵⁵ ja ²¹ sat ⁵⁵	mɛ ³¹ ja ⁵¹	∅
76 (“the belly”)	∅	∅	∅	∅	vɛ ³¹ tau ³¹	vɛ ³⁵ tuk ³¹

2.12 a:ja:ɔʔ:ut:ɔt:at

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
196 (“the knee”)	∅	∅	phɔʔ ³¹	khji ⁵¹ phut ⁵⁵	pɔt ⁵⁵ lau ⁷⁵⁵	pat ⁵⁵ lauk ³¹
284 (“the heart”)	nhalumḥ ³	ɲa ⁵⁵ lum ³¹	tʃhuuk ⁵⁵ ɲɔʔ ³¹ lum ³¹	∅	∅	∅

2.13 a:i:a:jo:ja:jɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
227 (“the ear”)	na ³ tho ² n ²	ni ³¹ tʃhua ³¹	ɲa ³¹ tʃho ³¹	∅	∅	∅
3065 (“to tell”)	∅	kzai ⁵⁵ tsi ³¹	∅	tai ²¹ kjo ²¹	tɿ ³⁵ kja ³⁵	ta ⁵⁵ kjo ³⁵

2.14 a:ǎ:ǎ:ǎ:ǎ:ǎ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
322 (“the child (young human)”)	∅	tsǎ ³¹ oi ³¹	∅	tsö ²¹ faŋ ⁵¹	tǎ ³¹ ʃə ⁵⁵	tsǎ ³⁵ ʃə ³¹
54 (“twenty”)	tachay	tǎ ³¹ sau ⁵⁵	∅	∅	tǎ ³¹ thai ⁵⁵	∅
414 (“the bee”)	∅	∅	∅	ʃö ²¹ pik ²¹	ʃǎ ³⁵ pak ³¹	ʃə ³⁵ pak ³¹
552 (“the frog”)	∅	∅	phǎ ³¹ cak ³⁵	pö ²¹ kjek ⁵⁵	∅	∅

2.15 **a:au:ɔ:a:ǎk:ǎ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
178 (“where”)	∅	∅	xɔ ³¹ ɔ ³¹	kha ⁵¹ ma ⁵⁵	khak ⁵⁵ jau ^{ʔ31}	∅
179 (“where”)	∅	∅	∅	kha ⁵¹ ma ⁵⁵	∅	mhǎ ³¹ mɛ ³¹
557 (“the shoulder”)	pakhuṃḥ	xuɲ ³¹ pau ³¹	∅	∅	∅	∅

Old Burmese “aj”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	aj	ə	u	uj	əj	ə	(1 ex.)
#2	aj	oj	uj	uj	ε	aj	(17 exx.)
#3	aj	ji	jε	eʔ	aj	aj	(3 exx.)
#4	aj	e	i	e	aj	ε	(5 exx.)
#5	aj	i	n	ji	ji	ji	(3 exx.)
#6	aj	ə	i	e	ə	ə	(4 exx.)
#7	aj	ă	a	ă	ă	ě	(5 exx.)

3.1 aj:ə:w:uj:əj:ə

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
292 (“to smile”)	ray ²	zə ⁵⁵	zɯ ⁵⁵	vui ⁵¹	yəi ⁵⁵	yə ³¹

3.2 aj:oj:uj:uj:ε:aj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
253 (“the ice”)	riykhai	∅	∅	∅	∅	∅
347 (“to hunt”)	a ¹ mai ³ lok ⁴	∅	∅	∅	∅	∅
394 (“left”)	vai	∅	∅	∅	∅	∅
860 (“to lie down”)	tum ³ lun ³	∅	∅	∅	∅	∅
2030 (“bloated, feel (of the stomach) (v.)”)	lhai ³ kai ²	∅	∅	∅	∅	∅
2126 (“exchange (v.)”)	lai ³ lhay ²	∅	∅	∅	∅	∅
2128 (“exchange (v.)”)	lai ³ lhay ²	∅	∅	∅	∅	∅
2351 (“the animal oil”)	ut ⁴ khai ³	∅	∅	∅	∅	∅
2389 (“the bean”)	pai ³	∅	∅	∅	∅	∅
2609 (“the horn (woodwind)”)	kha ¹ rā ² [nhai ³]	∅	∅	∅	∅	∅
2691 (“the peanut”)	mliy ² pai ³	∅	∅	∅	∅	∅
2713 (“the plow”)	thay ²	∅	∅	∅	∅	∅
127 (“to buy”)	vay	oi ⁵⁵	ui ⁵⁵	vui ⁵¹	ve ⁵⁵	vai ³¹
93 (“dry”)	∅	∅	∅	xui ⁵⁵	∅	fai ⁵⁵
2902 (“thirsty”)	∅	∅	∅	vui ⁵¹ sit ⁵⁵	∅	fai ⁵⁵
136 (“the child (young human)”)	∅	tsā ³¹ oi ³¹	tsɔ ³¹ ui ³¹	∅	∅	∅
79 (“what”)	∅	∅	∅	∅	∅	∅

3.3 *aj:ji:je:ɛʔ:aj:aj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
303 (“small”)	n̄ay	n̄i ⁵⁵	ɲɛ ⁵¹	∅	a ³¹ sak ³¹ ɲai ⁵⁵	ɲai ³¹
2895 (“thin (object)”)	∅	n̄i ⁵⁵	ɲɛ ⁵¹	∅	ɲai ⁵⁵	ɲai ⁵⁵
83 (“to lie down”)	lai	∅	∅	leʔ ²¹	∅	∅

3.4 *aj:e:i:e:aj:ɛ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
53 (“ten”)	tachay	tche ⁵⁵	ta ³¹ tshi ⁵⁵	tshe ⁵¹	tă ³¹ thai ⁵⁵	∅
129 (“twenty”)	nhacchay	∅	∅	i ⁵⁵ tshe ⁵¹	i ³⁵ thai ⁵⁵	ʃik ⁵⁵ tshe ³¹
2472 (“the clothes”)	∅	tse ³¹	tsi ³¹	∅	∅	∅
2920 (“to buckle up / fasten (a belt)”)	∅	tshe ³¹	tshi ³¹	∅	∅	∅
2073 (“compensate (v.)”)	∅	∅	phui ⁵¹ tsi ³¹	∅	tʃai ³⁵	∅

3.5 *aj:i:n:ji:ji:ji*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
240 (“today”)	∅	∅	n ³¹ ɲan ³⁵	a ²¹ ɲji ⁵⁵ nap ²¹	a ³¹ ɲji ³⁵ neʔ ³¹	a ³¹ ɲji ³¹ neʔ ³¹
2523 (“the west”)	∅	ni ³¹ mɔ ³¹ ɲ ⁵⁵	n ⁵⁵ mɔ ⁵¹ ɲ ⁵⁵	∅	∅	∅
		pa ³¹	pa ³¹			
2516 (“the duck”)	bhai ³	pi ³¹	∅	∅	∅	∅

3.6 *aj:ə:i:e:ə:ə*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2663 (“the mole”)	mhai ¹	∅	tʃap ³¹ mi ³¹	ɲə ⁵⁵ me ⁵⁵ xi ⁵⁵	mă ³¹ va ³¹	∅
454 (“outside”)	∅	∅	∅	∅	vă ³¹ kauɲ ³¹	vă ³¹ kauɲ ³⁵
665 (“the stick”)	∅	∅	∅	∅	vă ⁵⁵ sɛ ³¹	vă ⁵⁵ sɛ ³⁵
2052 (“chat (v.)”)	∅	pə ³¹ xua ³⁵ kzai ⁵⁵	∅	pɛ ⁵⁵ miɲ ²¹ miɲ ²¹	∅	pə ⁵⁵ məɲ ³¹

3.7 *aj:ă:a:ă:ă:ă*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
761 (“the sand”)	sai	să ³¹ le ⁵⁵	sa ³¹ le ³¹	să ²¹ mui ⁵¹	∅	∅
32 (“the bean”)	∅	kă ³¹ tʃhə ³⁵	∅	∅	kă ³¹ naʔ ³¹	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
462 (“here”)	∅	∅	∅	∅	tʃhə ⁵⁵ mɛ̃ ⁵⁵	tʃhɛ̃ ³¹ mɛ ³¹
558 (“the armpit”)	∅	kă ³¹ liŋ ³⁵ tʃ ^h uaʔ ⁵⁵	∅	kă ²¹ tʃok ⁵⁵ k ^h oŋ ²¹	∅	∅
174 (“one”)	∅	∅	∅	lă ²¹ vui ⁵⁵	∅	∅

Old Burmese “ak”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ak	ɔʔ	ɔʔ	oʔ	aʔ	ɔʔ	(23 exx.)
#2	ak	oʔ	oʔ	aʔ	aʔ	ɔʔ	(1 ex.)
#3	ak	ek	uk	ik	aʔ	ɔʔ	(2 exx.)

4.1 ak:ɔʔ:ɔʔ:oʔ:aʔ:ɔʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
80 (“the bird”)	nhak ⁴ suik ⁴	mɔʔ ⁵⁵ sut ⁵⁵	ŋɔʔ ⁵⁵ sut ⁵⁵	ŋoʔ ⁵⁵ sut ⁵⁵	ŋaʔ ⁵⁵ sot ⁵⁵	ŋɔʔ ⁵⁵ sat ⁵⁵
201 (“the dream”)	ip ⁴ mak ⁴	it ⁵⁵ mɔʔ ⁵⁵	in ³¹ mɔʔ ⁵⁵	jup ⁵⁵ moʔ ²¹	jap ⁵⁵ maʔ ⁵⁵	jap ³¹ mɔʔ ³¹
204 (“left”)	lak ⁴ sañḥ ³	lɔʔ ⁵⁵ ṣəŋ ³¹	lɔʔ ⁵⁵ ṣuŋ ³¹	loʔ ²¹ siŋ ²¹	laʔ ³¹ sɛ̃ ⁵⁵	lɔʔ ³¹ saŋ ³¹
520 (“shy”)	rhak	nɔʔ ³¹ sɔʔ ⁵⁵	ɲɔʔ ⁵⁵ sɔʔ ⁵⁵	xoʔ ⁵⁵	xaʔ ⁵⁵	xɔʔ ⁵⁵
2773 (“the son-in-law”)	sa ³ mak ⁴	tsɔʔ ³¹ mɔʔ ³¹	tsɔʔ ³¹ mɔʔ ⁵⁵	tso ²¹ moʔ ⁵⁵	tä ³¹ maʔ ⁵⁵	tsɔʔ ³⁵ mɔʔ ³¹
586 (“the rainbow”)	sak ⁴ tam ²	∅	∅	∅	∅	∅
857 (“the snail”)	kha ¹ ru ¹ pak ⁴	∅	∅	∅	∅	∅
	kyi ¹					
2102 (“difficult”)	khak ⁴	∅	∅	∅	∅	∅
2598 (“the half”)	ta ¹ vak ⁴	∅	∅	∅	∅	∅
2974 (“to land / descend”)	chanḥ ³ sak ⁴	∅	∅	∅	∅	∅
88 (“black”)	nak ⁴ prä ²	∅	nɔʔ ⁵⁵	nik ⁵⁵ noʔ ²¹	mi ³¹ naʔ ⁵⁵	yuk ³¹ nɔʔ ³¹
323 (“sharp”)	thak	thɔʔ ⁵⁵	∅	thoʔ ⁵⁵	thaʔ ⁵⁵	thɔʔ ⁵⁵
523 (“the banana”)	∅	∅	∅	ŋoʔ ⁵⁵ mjuʔ ²¹	ŋaʔ ³¹ mjauʔ ³¹	ŋɔʔ ³¹ mjauk ³¹
569 (“the rainbow”)	∅	∅	∅	voʔ ²¹ kan ²¹	yaʔ ³¹ kɛ̃ ³¹	yoʔ ³¹ kaŋ ³⁵
				fiŋ ⁵⁵ jaŋ ²¹	saŋ ⁵⁵ njuŋ ⁵⁵	saŋ ³¹ ŋjɔ̃ ³¹
3044 (“to split”)	∅	∅	∅	koʔ ²¹	kaʔ ³¹	koʔ ³¹
117 (“the branch”)	akhak ⁴	∅	ṣuk ⁵⁵ xɔʔ ⁵⁵	∅	sak ⁵⁵ kaʔ ⁵⁵	sak ⁵⁵ koʔ ⁵⁵
510 (“early”)	∅	nɔʔ ⁵⁵	nɔʔ ⁵⁵	noʔ ²¹	naʔ ⁵⁵	nɔʔ ⁵⁵
639 (“above”)	athak	∅	∅	thoʔ ⁵⁵ mai ²¹	a ³¹ t ^h aʔ ⁵⁵	thɔʔ ⁵⁵ mɛ̃ ³¹
416 (“to lick”)	lyak ⁴	∅	∅	∅	jaʔ ³¹	joʔ ³¹
67 (“here”)	∅	the ⁵⁵ thɔʔ ⁵⁵	the ⁵⁵ thɔʔ ⁵⁵	∅	∅	∅
158 (“we [first person plural inclusive]”)	∅	∅	∅	nun ⁵⁵ moʔ ⁵⁵	nauŋ ³¹ maʔ ³¹	∅
2380 (“the bat”)	∅	∅	∅	∅	phaʔ ⁵⁵ xəi ³¹	phoʔ ⁵⁵ xək ⁵⁵
118 (“the leaf”)	∅	∅	∅	∅	∅	phoʔ ⁵⁵

4.2 ak:oʔ:oʔ:aʔ:aʔ:ɔʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
367 (“the animal oil”)	vak ⁴	oʔ ⁵⁵	oʔ ⁵⁵	vaʔ ²¹	vaʔ ³¹	vɔʔ ³¹

4.3 *ak:ek:uk:ik:aʔ:ɔʔ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2100 (“deep”)	nak ⁴	∅	n ³¹ nuuk ⁵⁵	a ²¹ nik ²¹	naʔ ³¹	mə ³¹ nɔʔ ³¹
2253 (“punish (v.)”)	∅	tshek ⁵⁵	tʃhuuk ⁵⁵	∅	∅	∅

Old Burmese “**am**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	am	am	ʁ	am	ɛʔ	ɛʔ (20 exx.)
#2	am	ɔm	om	am	ɛʔ	ɛʔ (3 exx.)
#3	am	∅	om	am	ɛʔ	ɛ (2 exx.)

5.1 **am:am:ʁ:am:ɛ ~ :ɛ ~**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
108 (“the sickle”)	taɪn²cyan²	∅	∅	∅	∅	∅
349 (“the wing”)	to₂n̄paɪn	∅	∅	∅	∅	∅
412 (“the road”)	lamḥ³	∅	∅	∅	∅	∅
587 (“the rainbow”)	sak⁴taṃ²	∅	∅	∅	∅	∅
750 (“morning”)	naṃnak	∅	∅	∅	∅	∅
814 (“the door”)	taɪn²khāḥ³	∅	∅	∅	∅	∅
2009 (“assess / estimate (v.)”)	kham¹ mhan ³	∅	∅	∅	∅	∅
2254 (“punish (v.)”)	daṃtap⁴	∅	∅	∅	∅	∅
2927 (“to catch”)	pham³	∅	∅	∅	∅	∅
287 (“the hair (of the head)”)	chaṃ	∅	∅	u ²¹ tsham ⁵¹	tshɛ ⁵⁵	tshɛ ³¹
2146 (“fetch / draw (water) (v.)”)	∅	xam ⁵⁵	ti ⁵⁵ kr ⁵⁵	ɪ ⁵⁵ tʃam ²¹ kham ⁵¹	ɣəi ⁵⁵ khɛ ⁵⁵	ɣək ³¹ khɛ ³¹
2463 (“the chin”)	∅	∅	∅	am ⁵¹ thaŋ ⁵⁵	ɛ ⁵⁵ thɔ̄ ⁵⁵	ɛ ³¹ thɔ̄ ³¹
2627 (“the knife”)	∅	∅	∅	ʃam ⁵¹	ʃɛ ⁵⁵	ʃɛ ³¹
2852 (“the wall”)	nam ² raɪn ²	∅	∅	tshɛ ⁵⁵ vam ⁵¹	∅	tshə ³¹ ɣɛ ³¹
2746 (“the scar”)	∅	∅	∅	∅	tɛ ⁵⁵ khɔ̄ ⁵⁵	tɛ ³¹ khɔ̄ ³¹
2828 (“the trunk (of a tree)”)	∅	∅	∅	∅	sak ⁵⁵ kɛ ⁵⁵	sak ⁵⁵ kɛ ³¹
836 (“to smell (perceive odor) [transitive]”)	namḥ³	∅	∅	∅	∅	nɛ ³¹
644 (“the bud”)	∅	kan ³¹ taṃ ⁵¹ təm ³¹	∅	∅	∅	∅
674 (“left”)	∅	nam ³¹ ḥɔ̄ ³¹	∅	∅	∅	∅
2180 (“grain (of rice)”)	∅	∅	∅	tʃham ²¹	tʃhɛʔ ⁵⁵	∅

5.2 **am:ɔm:om:am:ɛ ~ :ɛ ~**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2392 (“the bear”)	vam²	ɔm⁵⁵	om⁵⁵	vam⁵¹	vɛ̃⁵⁵	vɛ̃³¹
680 (“the wolf”)	wam²pu¹ luy ²	∅	∅	vam⁵¹k^hui²¹ mo ⁵⁵	∅	∅
2021 (“beautiful”)	∅	tɔm³⁵	tom³⁵	∅	∅	∅

5.3 **am:Ø:om:am:ε ~ :ε**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2729 (“the rib”)	nam²rain²	∅	∅	nam⁵¹ tʃham ²¹	nɛ̃⁵⁵tʃhɛ̃³⁵	nɛ̃³¹tʃhɛ̃³⁵ yuk ⁵⁵
743 (“the bridge”)	tam²to₂n²	∅	lɔ⁷⁵⁵thom³¹	∅	∅	∅

Old Burmese “an”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	an	an	an	in	ɔn	iŋ	(1 ex.)
#2	an	en	ɛn	in	ɔn	iŋ	(14 exx.)
#3	an	∅	∅	a	ɛ̃	ɛ	(2 exx.)
#4	an	∅	∅	∅	∅	∅	(1 ex.)

6.1 **an:an:an:in:ɔn:iŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
554 (“the louse”)	sanḥ ³	ʃan ³¹ u ³¹	ʃan ³¹ u ³¹	ʃin ²¹ u ⁵⁵	ʃɔn ³⁵ u ³⁵	ʃiŋ ³⁵ au ⁵⁵

6.2 **an:en:ɛn:in:ɔn:iŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
245 (“horizontal”)	kanʔlanʔ	∅	∅	∅	∅	∅
246 (“horizontal”)	kanʔlanʔ	∅	∅	∅	∅	∅
251 (“correct (right)”)	mhan	∅	∅	∅	∅	∅
256 (“to fight”)	ran ² phrac ⁴	∅	∅	∅	∅	∅
258 (“to vomit”)	an	∅	∅	∅	∅	∅
329 (“the lake”)	kan	∅	∅	∅	∅	∅
2008 (“assess / estimate (v.)”)	kham ¹	∅	∅	∅	∅	∅
	mhan ³					
2051 (“chat (v.)”)	kan ²	∅	∅	∅	∅	∅
2416 (“blind, be (v.)”)	a ¹ kan ³	∅	∅	∅	∅	∅
2494 (“the crow”)	kyi ³ kanḥ ³	∅	∅	∅	∅	∅
3049 (“to startle / disturb”)	lan ¹ ciy ²	∅	∅	∅	∅	∅
3105 (“to yawn”)	sanḥ ³	∅	∅	∅	∅	∅
433 (“the rice plant”)	chan ²	tshen ⁵⁵	tshen ⁵⁵	tʃhin ⁵¹	tʃhɔn ⁵⁵	tʃhiŋ ³¹
2623 (“the kidney”)	∅	∅	∅	tʃin ⁵⁵ lum ²¹	tʃɔn ³⁵ lam ³¹	∅

6.3 **an:∅:∅: a:ɛ ~ :ɛ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
69 (“there”)	∅	∅	∅	xje ⁵¹ ma ⁵⁵	thɔi ⁵⁵ mɛ ⁵⁵	thø ⁵⁵ mɛ ³¹
614 (“salty”)	ṇan	∅	∅	∅	ŋɛ ⁵⁵	∅

6.4 an:Ø:Ø:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2894 (“the wound”)	dan ² ra ²	∅	∅	∅	∅	∅

Old Burmese “an^j”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	an ^j	əŋ	uŋ	iŋ	aŋ	aŋ	(12 exx.)
#2	an ^j	əŋ	ɤŋ	∅	∅	∅	(1 ex.)
#3	an ^j	əŋ	ɤŋ	iŋ	aŋ	aŋ	(3 exx.)
#4	an ^j	jiŋ	iŋ	jiŋ	aŋ	aŋ	(4 exx.)
#5	an ^j	əŋ	uŋ	aŋ	aŋ	aŋ	(2 exx.)
#6	an ^j	eŋ	iŋ	jiŋ	aŋ	aŋ	(3 exx.)
#7	an ^j	aŋ	aŋ	∅	aŋ	aŋ	(5 exx.)
#8	an ^j	eŋ	uŋ	iŋ	aŋ	əŋ	(3 exx.)

7.1 an^j:əŋ:uŋ:iŋ:aŋ:əŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
285 (“the nail (fingernail or claw)”)	lak ⁴ sañḥ ³	lɔʔ ⁵⁵ səŋ ³¹	lɔʔ ⁵⁵ ʃuŋ ³¹	loʔ ²¹ siŋ ²¹	laʔ ³¹ saŋ ³⁵	lɔʔ ³¹ saŋ ³⁵
564 (“the liver”)	asañḥ ³	a ³¹ ʃəŋ ³¹	a ³¹ ʃuŋ ³¹	siŋ ²¹	saŋ ³⁵	saŋ ³⁵
402 (“round”)	∅	∅	∅	liŋ ⁵⁵	laŋ ³⁵	laŋ ⁵⁵
571 (“the rainbow”)	∅	∅	∅	voʔ ²¹ kan ²¹	ɣa ^{ʔ31} kɛ ³¹	ɣɔʔ ³¹ kaŋ ³⁵
2578 (“the gold”)	∅	∅	∅	ʃiŋ ⁵⁵ jaŋ ²¹	saŋ ⁵⁵ njuŋ ⁵⁵	saŋ ³¹ ŋj ⁵³¹
705 (“to lie down”)	∅	∅	∅	xiŋ ⁵¹	xaŋ ⁵⁵	xaŋ ³¹
2028 (“bloated, feel (of the stomach) (v.)”)	∅	∅	∅	∅	laŋ ³⁵	laŋ ³⁵
2802 (“the stone”)	∅	∅	∅	∅	taŋ ³⁵	taŋ ³⁵
2338 (“tasty / delicious”)	cāḥ ³ luiv ¹	∅	∅	∅	lau ^{ʔ31} taŋ ³¹	lauk ³¹ tsaŋ ³¹
3018 (“to send (a letter)”)	ko ₂ n ³ sañ ²	∅	∅	∅	∅	∅
232 (“yellow”)	thañ ¹	∅	∅	∅	∅	∅
2722 (“the pus”)	∅	ləŋ ³⁵	l _u ŋ ³⁵	∅	∅	∅
	∅	∅	∅	pjiŋ ⁵¹ viŋ ²¹	pjaŋ ⁵⁵ ɣaŋ ³¹	∅

7.2 an^j:əŋ:ɤŋ:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2153 (“few”)	nañ ³	nəŋ ³¹	nɤŋ ³¹	∅	∅	∅

7.3 **an¹:əŋ:ɣŋ:iŋ:aŋ:aŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
399 (“long”)	rhañ	səŋ ⁵⁵	sɣŋ ⁵⁵	xij ⁵¹	xaj ⁵⁵	xaj ³¹
807 (“the chin”)	Ø	pha ³¹ kəŋ ³⁵	phə ³¹ kɣŋ ³⁵	Ø	Ø	Ø
2097 (“deaf, be (v.)”)	Ø	kəŋ ³¹	kɣŋ ³¹	Ø	Ø	Ø

7.4 **an¹:jiŋ:iŋ:jiŋ:aŋ:aŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
365 (“the name”)	amañ	a ³¹ niŋ ⁵⁵	a ³¹ niŋ ⁵⁵	mjiŋ ⁵¹	maŋ ⁵⁵	maŋ ³¹
375 (“this”)	sañ	Ø	Ø	Ø	Ø	Ø
2045 (“bunch (of vegetables)”)	cañ ³	Ø	Ø	Ø	Ø	Ø
3074 (“to tie”)	cañ ³	Ø	Ø	Ø	Ø	Ø

7.5 **an¹:əŋ:uŋ:aŋ:aŋ:aŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
767 (“the neck”)	pañ ² cañ ²	saj ³¹ tseŋ ⁵⁵	ʃuk ⁵⁵ tʃuŋ ⁵⁵	Ø	laŋ ⁵⁵ taŋ ³¹	laŋ ³¹ tsaj ³⁵
2726 (“the rabbit”)	Ø	tan ³¹	Ø	paŋ ⁵⁵ tai ⁵¹	paŋ ³¹ tai ⁵⁵	Ø

7.6 **an¹:eŋ:iŋ:jiŋ:aŋ:aŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2267 (“ripe”)	mhañ ¹	ŋeŋ ³⁵	Ø	mjiŋ ⁵⁵	maŋ ³⁵	maŋ ⁵⁵
2491 (“the cow”)	Ø	ŋo ³¹ tseŋ ³⁵	Ø	Ø	nj ³¹ taŋ ⁵⁵	nŋ ³⁵ tsaj ³¹
2258 (“raise (chickens) (v.)”)	Ø	leŋ ³¹	liŋ ³¹	Ø	Ø	Ø

7.7 **an¹:aŋ:aŋ:Ø:aŋ:aŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
235 (“the neck”)	lañ	laŋ ³¹ tsəŋ ³¹	Ø	Ø	laŋ ⁵⁵ taŋ ³¹	laŋ ³¹ tsaj ³⁵
647 (“light (of weight)”)	Ø	zaŋ ⁵⁵	jaŋ ⁵⁵	Ø	Ø	Ø
723 (“horizontal”)	Ø	xaj ³¹	a ³¹ faŋ ³¹	Ø	Ø	Ø
252 (“the tree”)	Ø	saj ³¹ tseŋ ⁵⁵	Ø	Ø	Ø	Ø
		tan ³¹				

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
601 (“marry (v.)”)	∅	tsaŋ ³¹ zi ³¹	∅	∅	∅	∅

7.8 an^j:eŋ:uŋ:iŋ:aŋ:əŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2407 (“the drum”)	cañ ²	teeŋ ⁵⁵	∅	tsiŋ ⁵¹	taŋ ⁵⁵	∅
531 (“chat (v.)”)	∅	∅	∅	pe ⁵⁵ miŋ ²¹ miŋ ²¹	∅	pə ⁵⁵ məŋ ³¹
2879 (“the pine”)	∅	xai [?] 55tseŋ ⁵⁵	tsɛ ³¹ pək ³⁵ a ³¹ tʃuŋ ⁵⁵	∅	∅	∅

Old Burmese “**ap**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	ap	ap	ap	ap	εʔ	εʔ (25 exx.)

8.1 **ap:ap:ap:ap:εʔ:εʔ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
277 (“the mouth”)	pāḥcap	∅	∅	∅	∅	∅
355 (“to blow (of wind)”)	nhap ⁴ ñhac ⁴	∅	∅	∅	∅	∅
363 (“paste / stick / glue (v.)”)	kap ⁴	∅	∅	∅	∅	∅
731 (“fetch / draw (water) (v.)”)	riy ² khap ⁴	∅	∅	∅	∅	∅
735 (“punish (v.)”)	daṅtap ⁴	∅	∅	∅	∅	∅
2223 (“marry (v.)”)	lak ⁴ thap ⁴	∅	∅	∅	∅	∅
2313 (“spicy”)	cap ⁴	∅	∅	∅	∅	∅
2760 (“the shoe”)	phi ¹ nap ⁴	∅	∅	∅	∅	∅
291 (“to stand”)	ryap ⁴	zap ⁵⁵	jap ⁵⁵	jap ²¹	jεʔ ⁵⁵	jεʔ ³¹
2072 (“compensate (v.)”)	pran ² chap ⁴	tchap ⁵⁵	chap ⁵⁵	tshap ⁵⁵	tʃhεʔ ⁵⁵	tsheʔ ⁵⁵
2771 (“the snot”)	nhap ⁴	ṅap ⁵⁵	ṅap ⁵⁵	nap ⁵⁵	nεʔ ⁵⁵	nεʔ ⁵⁵
153 (“to count”)	∅	∅	∅	ṅap ⁵⁵	ṅεʔ ⁵⁵	ṅεʔ ⁵⁵
764 (“narrow”)	∅	∅	∅	tʃap ⁵⁵	tʃεʔ ⁵⁵	tʃεʔ ⁵⁵
2063 (“chop / cut (meat) (v.)”)	∅	∅	∅	tʃap ²¹	tʃεʔ ³¹	tʃεʔ ³¹
2995 (“to read”)	∅	∅	∅	ṅap ⁵⁵	ṅεʔ ⁵⁵	ṅεʔ ⁵⁵
100 (“the needle (for sewing)”)	∅	∅	∅	∅	ṅεʔ ⁵⁵	ṅεʔ ⁵⁵
672 (“the armpit”)	∅	∅	∅	∅	laʔ ³¹ tʃhεʔ ⁵⁵	lɔʔ ³¹ tʃhεʔ ⁵⁵
2240 (“piece (of egg)”)	∅	∅	∅	∅	tʃhεʔ ⁵⁵	tʃhεʔ ⁵⁵
3057 (“to swim”)	∅	∅	∅	∅	γəi ⁵⁵ xεʔ ³¹	γək ³¹ xεʔ ⁵⁵
2661 (“the millet”)	∅	∅	sap ⁵⁵	tsap ⁵⁵	xεʔ ³¹ tseʔ ⁵⁵	tseʔ ⁵⁵
2765 (“the snail”)	∅	∅	tʃhoʔ ⁵⁵ pap ⁵⁵	nö ⁵⁵ pap ²¹	nɔ ³¹ peʔ ³¹	nũṅ ³⁵ peʔ ³¹
133 (“the needle (for sewing)”)	ap ⁴	ap ⁵⁵	ap ⁵⁵	ap ⁵⁵	∅	∅
2238 (“paste / stick / glue (v.)”)	∅	thap ³⁵	thap ⁵⁵	tap ⁵⁵	tεʔ ⁵⁵	tεʔ ⁵⁵
124 (“to burn [intransitive]”)	∅	∅	tʃap ³⁵	∅	tεʔ ³¹	tεʔ ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2923 (“to burn”)	∅	∅	tʂap ³⁵	∅	tɛʔ ³¹	tɛʔ ³¹

Old Burmese “**ap**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ap	∅	∅	∅	∅	∅	(1 ex.)

9.1 **ap:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2621 (“the kidney”)	kyo ₂ k ⁴ kap ⁴	∅	∅	∅	∅	∅

Old Burmese “at”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	at	et	ɛt̚	it	ɛʔ	ɛʔ	(1 ex.)
#2	at	at	at	at	ɛʔ	ɛʔ	(11 exx.)

10.1 at:et:ɛt̚:it:ɛʔ:ɛʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
249 (“eight”)	rhyat	ɛet ⁵⁵	ɕɛt̚ ⁵⁵	ʃit ⁵⁵	ʃɛʔ ⁵⁵	ʃɛʔ ⁵⁵

10.2 at:at:at:at:ɛʔ:ɛʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
781 (“dirty”)	ñacpat	∅	∅	∅	∅	∅
830 (“the millet”)	chat ⁴	∅	∅	∅	∅	∅
2784 (“the spirit (evil) / demon”)	nat ⁴ chuiṽ ³	∅	∅	∅	∅	∅
2899 (“thirsty”)	riy ² ñat ⁴	∅	∅	∅	∅	∅
2921 (“to buckle up / fasten (a belt)”)	pat ⁴	∅	∅	∅	∅	∅
2996 (“to read”)	phat ⁴	∅	∅	∅	∅	∅
3000 (“to remember”)	mhat ⁴ mi ¹	∅	∅	∅	∅	∅
166 (“to kill”)	sat ⁴	sat ⁵⁵	sat ⁵⁵ phut ⁵⁵	sat ²¹	sɛʔ ⁵⁵	sɛʔ ⁵⁵
31 (“to vomit”)	∅	phat ⁵⁵	phat ⁵⁵	phat ⁵⁵	∅	∅
257 (“to fight”)	∅	∅	∅	pat ²¹ lum ²¹	pɛʔ ³¹ lam ³⁵	pɛʔ ³¹ lam ³¹
2570 (“the ghost”)	∅	∅	∅	nat ²¹	∅	∅

Old Burmese “ats”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ats	jit	it	jit	ɔt	at	(1 ex.)
#2	ats	ək	uk	ik	ak	ak	(11 exx.)
#3	ats	ək	ɣk	ik	ak	ak	(3 exx.)

11.1 *ats:jit:it:jit:ɔt:at*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
336 (“seven”)	khunac	n̄it ⁵⁵	nit ⁵⁵	ŋjit ⁵⁵	nɔt ⁵⁵	nat ⁵⁵

11.2 *ats:ək:uk:ik:ak:ak*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
120 (“the branch”)	sac	ʃək ⁵⁵	ʃuk ⁵⁵ tʃuŋ ⁵⁵	sik ⁵⁵ tum ⁵⁵	sak ⁵⁵ tam ³⁵	sak ⁵⁵ thauŋ ³⁵
325 (“new”)	sac	ʃək ⁵⁵	ʃuk ⁵⁵	a ²¹ sik ⁵⁵	sak ⁵⁵	sak ⁵⁵
429 (“angry”)	∅	∅	∅	n̄ik ⁵⁵ no ²¹	n̄ak ⁵⁵ lam ³¹	n̄ak ⁵⁵ lam ³⁵
491 (“the hail”)	∅	∅	∅	lik ²¹ vo ⁵¹	lak ³¹ γ ⁵⁵	lak ³¹ γ ³¹
2970 (“to kick”)	∅	∅	∅	pik ⁵⁵	pak ⁵⁵	pak ⁵⁵
405 (“one”)	tac ⁴ chiy ²	∅	∅	∅	∅	∅
415 (“two”)	nhac	∅	∅	∅	∅	∅
3036 (“to sink”)	nac ⁴	∅	∅	∅	∅	∅
434 (“to shoot (an arrow)”)	∅	pək ⁵⁵	∅	pik ²¹	∅	∅
630 (“the knee”)	puchac	∅	phɔ ²¹ tʃhuuk ⁵⁵	∅	∅	∅
2988 (“to pee”)	∅	∅	∅	∅	tak ⁵⁵	tak ⁵⁵

11.3 *ats:ək:ɣk:ik:ak:ak*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
35 (“to hunt”)	pac ⁴	∅	pɣk ⁵⁵	ʃö ²¹ pik ²¹	pak ³¹	pak ³¹
219 (“the year”)	nhacchay	n̄ək ⁵⁵	n̄ɣk ⁵⁵	∅	∅	∅
189 (“dirty”)	∅	ək ³⁵	ɣk ³⁵	∅	∅	∅

Old Burmese “aŋ”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	aŋ	uaŋ	ɔŋ	aŋ	ɔŋ	ɔŋ	(19 exx.)
#2	aŋ	ɔŋ	oŋ	aŋ	ɔŋ	ɔŋ	(2 exx.)
#3	aŋ	an	an	an	ɛŋ	aŋ	(21 exx.)
#4	aŋ	it	in	juj	auŋ	ɛŋ	(4 exx.)
#5	aŋ	Ø	Ø	aŋ	a	aŋ	(2 exx.)
#6	aŋ	əŋ	ɔn	i	i	jɔ̃	(3 exx.)
#7	aŋ	Ø	Ø	Ø	Ø	Ø	(1 ex.)

12.1 aŋ:uaŋ:ɔŋ:aŋ:ɔ̃ ~ :ɔ̃ ~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
65 (“near”)	Ø	Ø	Ø	tʃaŋ ⁵⁵	tʃɔ̃ ³⁵	tʃɔ̃ ³⁵
137 (“the child (young human)”)	Ø	Ø	Ø	tsö ²¹ faŋ ⁵¹	tä ³¹ ʃɔ̃ ⁵⁵	tsɔ̃ ³⁵ ʃɔ̃ ³¹
270 (“he or she [third person singular]”)	Ø	Ø	Ø	jaŋ ²¹	jɔ̃ ³¹	jɔ̃ ³⁵
445 (“the thigh”)	Ø	Ø	Ø	taŋ ²¹ pau ⁵⁵	tɔ̃ ³⁵ pau ³¹	tɔ̃ ⁵⁵ puk ⁵⁵
842 (“the snake”)	Ø	Ø	Ø	laŋ ⁵¹ mui ⁵¹	lɔ̃ ⁵⁵ mø ⁵⁵	lɔ̃ ³¹ mɔ̃i ³¹
2220 (“marry (v.)”)	Ø	Ø	Ø	mji ²¹ xan ⁵⁵	mi ³¹ ʃɔ̃ ³⁵	mji ³⁵ ʃɔ̃ ⁵⁵
2462 (“the chin”)	Ø	Ø	Ø	am ⁵¹ thaŋ ⁵⁵	ɛ ⁵⁵ thɔ̃ ⁵⁵	ɛ ³¹ thɔ̃ ³¹
2551 (“the forehead”)	Ø	Ø	Ø	ŋɛ ²¹ laŋ ²¹	ŋə ³¹ lɔ̃ ³¹	ŋa ³⁵ lɔ̃ ³¹
547 (“firewood”)	thaŋh	t ^h uaŋ ³¹	t ^h ɔŋ ³¹	t ^h aŋ ²¹	t ^h ɔ̃ ³⁵	t ^h ɔ̃ ³⁵
772 (“old (aged)”)	Ø	muaj ³¹	mɔŋ ³¹	mjaŋ ²¹	mɔ̃ ³¹	mɔ̃ ³⁵
3077 (“to wait”)	Ø	luaŋ ³⁵	lɔŋ ³⁵	laŋ ⁵⁵ tɔ ²¹	lɔ̃ ³⁵ tə ³¹	lɔ̃ ⁵⁵
138 (“to fly (move through air)”)	Ø	Ø	Ø	Ø	tɔ̃ ³¹	tɔ̃ ³⁵
572 (“hard”)	Ø	Ø	Ø	Ø	ɣɔ̃ ⁵⁵	ɣɔ̃ ³¹
2048 (“called, be / named (v.)”)	Ø	Ø	Ø	Ø	mjaŋ ⁵⁵ jɔ̃ ⁵⁵	jɔ̃ ³¹
2841 (“the valley”)	Ø	Ø	Ø	Ø	lɔ̃ ³¹ khaun ³⁵	lɔ̃ ³⁵ khaun ²¹
2217 (“make / cause (v.)”)	Ø	Ø	ŋɔŋ ⁵⁵	naŋ ⁵¹	nɔ̃ ⁵⁵	nɔ̃ ³¹
2484 (“the corpse”)	Ø	Ø	tʃu ⁵⁵ mɔŋ ⁵⁵	maŋ ⁵¹	mɔ̃ ⁵⁵	mɔ̃ ³¹
58 (“the husband”)	lañ	Ø	Ø	laŋ ⁵¹	ɣəi ⁵⁵ lɔ̃ ⁵⁵	ɣək ³¹ lɔ̃ ³¹
575 (“late”)	Ø	Ø	Ø	t ^h aŋ ⁵¹ kjo ⁵⁵	t ^h ɔ̃ ⁵⁵ kja ³⁵	Ø

12.2 aŋ:ɔŋ:oŋ:aŋ:ɔ̃ ~ :ɔ̃ ~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2125 (“enter (a house) (v.)”)	wan̩ ²	ni ³¹ mɔ ³¹ ŋ ⁵⁵ pa ³¹	n ⁵⁵ mɔ ⁵¹ ŋ ⁵⁵ pa ³¹	pui ⁵¹ vaŋ ⁵¹ fut ⁵⁵	pui ⁵⁵ vɔ̃ ⁵⁵	pa ³¹ vɔ̃ ³¹
3001 (“to remember”)	∅	tɔŋ ³⁵	toŋ ⁵⁵	∅	∅	∅

12.3 aŋ:an:an:an:ɛ ~ :aŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
283 (“thou [second person singular]”)	man̩h̩ ³	∅	∅	∅	∅	∅
353 (“the buttocks”)	tan̩ ² paŋ ³	∅	∅	∅	∅	∅
359 (“the tree”)	sacpaŋ	∅	∅	∅	∅	∅
2098 (“deaf, be (v.)”)	na ³ paŋ ³	∅	∅	∅	∅	∅
2210 (“look like / resemble (v.)”)	chan̩ ²	∅	∅	∅	∅	∅
2398 (“the bed”)	ku ¹ tan̩ ²	∅	∅	∅	∅	∅
2473 (“the clothes”)	aŋ ³ kyi ²	∅	∅	∅	∅	∅
2482 (“the cooked rice”)	tha ³ man̩h̩ ³	∅	∅	∅	∅	∅
2505 (“the deer”)	sa ¹ man̩ ²	∅	∅	∅	∅	∅
2830 (“the trunk (of a tree)”)	paŋ ² caŋ ²	∅	∅	∅	∅	∅
2975 (“to land / descend”)	chan̩h̩ ³ sak ⁴	∅	∅	∅	∅	∅
75 (“the frost”)	chi ³ nhan̩h̩ ³	ŋjan ⁵⁵	ŋjan ⁵⁵	ŋjan ⁵¹ thuŋ ²¹	ŋɛ̃ ⁵⁵	ŋjaŋ ³¹
20 (“the ant”)	∅	tchi ⁵⁵ man ⁵⁵	chan̩ ³¹ man ⁵⁵	∅	∅	∅
73 (“thick”)	∅	kan ³¹	kan ³⁵	∅	∅	∅
152 (“to count”)	∅	an ³⁵	an ³⁵	∅	∅	∅
452 (“bunch (of vegetables)”)	∅	pan ⁵⁵	pan ⁵⁵	∅	∅	∅
487 (“the shoulder”)	∅	∅	lo [?] ³¹ san ⁵⁵	ko [?] ²¹ san ⁵¹	la [?] ³¹ sɛ̃ ⁵⁵	lo [?] ³¹ saŋ ³¹
570 (“the rainbow”)	∅	∅	∅	vo [?] ²¹ kan ²¹ ŋin̩ ⁵⁵ jaŋ ²¹	ya [?] ³¹ kɛ̃ ³¹ saŋ ⁵⁵ njuŋ ⁵⁵ tɛ̃ ³⁵	yo [?] ³¹ kaŋ ³⁵ saŋ ³¹ ŋjɔ̃ ³¹
13 (“straight”)	∅	saŋ ³¹ tseŋ ⁵⁵ tan ³¹	∅	∅	∅	∅
413 (“the arm”)	∅	lo [?] ⁵⁵ san ⁵⁵	∅	san ²¹	∅	∅
442 (“the grass”)	∅	∅	∅	∅	mɛ̃ ³⁵	maŋ ³⁵

12.4 aŋ:it:in:juj:auŋ:ɛŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2503 (“the day”)	niy ¹ khan̩h̩ ³	∅	nai ³⁵ tsin ³⁵	ŋji ⁵⁵ khjuj ⁵⁵	ŋji ³⁵ kaŋ ³¹	∅
2382 (“bright”)	lan̩ ³ nuiv ¹	∅	∅	∅	∅	leŋ ³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2447 (“the buttocks”)	phañ²	∅	∅	∅	tʃhau ²⁵⁵ pauŋ ⁵⁵	∅
770 (“the dream”)	∅	it ⁵⁵ mo ²⁵⁵	in ³¹ mo ²⁵⁵	∅	∅	∅

12.5 aŋ:∅:∅: aŋ:a: aŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2701 (“the pine”)	thanḥ³rūḥ³	∅	∅	thaŋ²¹mo⁵⁵ kam ⁵¹	∅	thaŋ⁵⁵xu³¹
2813 (“the taste (something)”)	∅	∅	∅	∅	ta ³¹ vu ³⁵	tʃhaŋ ³¹

12.6 aŋ:əŋ:ɔn:i:i: jǎ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
536 (“the spider”)	pañ²kū	∅	∅	∅	p^hi³¹kǎ³¹	p^hjǎ³¹kǎ³⁵
2201 (“learn (v.)”)	cā ² sañ ²	zəŋ³¹	sɔn³⁵	∅	∅	∅
293 (“twenty”)	∅	∅	∅	j⁵⁵	j³⁵	∅

12.7 aŋ:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
337 (“the sea”)	pañlay	∅	∅	∅	∅	∅

Old Burmese “**d**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	d	∅	∅	∅	∅	∅	(1 ex.)

13.1 **d:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
351 (“the knee”)	dūḥ³	∅	∅	∅	∅	∅

Old Burmese “i”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	i	ji	i	ji	i	ji	(1 ex.)
#2	i	ə	ɾ	i	ɾ	i	(2 exx.)
#3	i	a	a	e	ɛ	ɛ	(6 exx.)
#4	i	i	i	i	au?	au?	(2 exx.)
#5	i	i	i	ji	i	ji	(11 exx.)
#6	i	aj	aj	aj	aj	aj	(2 exx.)
#7	i	o	ɛ	Ø	Ø	jik	(3 exx.)
#8	i	e	ɛ	je	u	je	(3 exx.)

14.1 **i:ji:i:ji:i:ji**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
210 (“the wife”)	samiḥ ³	ni ³¹ mɔ ³¹	ni ⁵⁵ mɔ ³¹	mji ²¹ ve ²¹	mi ³¹ ɣɛ ³¹	mji ³⁵ ɣɛ ³⁵

14.2 **i:ə:ɣ:i:ɣ:i**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
286 (“bear (fruit) (v.)”)	muivḥ ³ sīḥ ³	ʃə ³¹	ʃɿ ³¹	ʃi ²¹	ʃɿ ³⁵	ʃɿ ³⁵
2834 (“the urine”)	chih ³	kă ³¹ tʃhə ³⁵	Ø	Ø	Ø	Ø

14.3 **i:a:a:e:ɛ:ɛ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
328 (“red”)	nī	na ⁵⁵	na ⁵⁵	ne ⁵¹	nɛ ⁵⁵	nɛ ³¹
634 (“marry (v.)”)	Ø	ʃa ⁵⁵	ʃa ⁵⁵	ʃe ⁵¹	ʃɛ ⁵⁵	ʃɛ ³¹
211 (“the woman”)	Ø	Ø	Ø	mji ²¹ ve ²¹	mi ³¹ ɣɛ ³¹	mji ³⁵ ɣɛ ³⁵
666 (“the stick”)	Ø	Ø	Ø	ně ²¹ se ²¹	və ⁵⁵ se ³¹	və ⁵⁵ se ³⁵
168 (“what”)	Ø	Ø	Ø	Ø	pɛ ⁵⁵ tʃuŋ ³¹	pɛ ⁵⁵
636 (“the daughter”)	Ø	Ø	Ø	mji ²¹ ve ²¹ tso ²¹	Ø	mji ³⁵ ɣɛ ³⁵ tso ³⁵

14.4 **i:i:i:i:au?:au?**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3015 (“to ride”)	ciḥ ³	tsi ³¹	tsi ³¹	tʃi ²¹	Ø	Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2448 (“the buttocks”)	∅	tchi ³¹ tuŋ ³¹	∅	tʃhi ⁵⁵ um ⁵¹	tʃhau ⁷⁵⁵ pauŋ ⁵⁵	tʃhau ⁷⁵⁵ pau ³¹

14.5 *i:i:i:ji:i:ji*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
431 (“the snow”)	chi ³ nhanh ³	∅	∅	∅	∅	∅
2203 (“line up (v.)”)	ci ²	∅	∅	∅	∅	∅
2376 (“the banana”)	phi ³ kram ³	∅	∅	∅	∅	∅
2761 (“the shoe”)	phi ¹ nap ⁴	∅	∅	∅	∅	∅
2776 (“the song”)	si ² khyanh ³	∅	∅	∅	∅	∅
2869 (“the wheel”)	bhi ³	∅	∅	∅	∅	∅
194 (“the smoke”)	mih ³	ni ³¹ xau ³¹	ni ³¹ xau ³¹	mji ²¹ khau ²¹	mi ³¹	mji ²¹ khuk ⁵⁵
154 (“the water”)	∅	ti ⁵⁵	ti ⁵⁵	∅	∅	∅
208 (“marry (v.)”)	∅	i ³¹ n ³¹	ji ³¹ ɲ ³¹	∅	∅	∅
435 (“to give”)	∅	tsi ³¹	tsi ³¹	∅	∅	∅
187 (“horizontal”)	∅	∅	∅	a ²¹ pji ⁵¹	pi ⁵⁵	pji ³¹

14.6 *i:aj:aj:aj:aj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2725 (“the rabbit”)	∅	pʒaŋ ⁵⁵ tai ⁵⁵	pʒaŋ ³¹ tai ⁵⁵	paŋ ⁵⁵ tai ⁵¹	paŋ ³¹ tai ⁵⁵	paŋ ³⁵ tai ⁵⁵
2085 (“cut (meat) (v.)”)	lhi ³ phyat ⁴	∅	∅	∅	∅	lai ³⁵

14.7 *i:o:ε:∅:∅:jik*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2349 (“the animal oil”)	a ¹ chi ² khai ³	o ⁷⁵⁵ tcho ⁵⁵	∅	∅	∅	∅
2999 (“to remember”)	mhat ⁴ mi ¹	∅	∅	∅	∅	mjik ³¹
853 (“to spit”)	∅	tcho ³¹	tse ³⁵	∅	∅	∅

14.8 *i:e:ε:je:u:je*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
406 (“near”)	ni ^h	ne ³¹	ne ³¹	∅	∅	∅
2607 (“the horn (woodwind)”)	∅	pe ³¹ xe ³¹	∅	pji ²¹ khje ⁵⁵	∅	pji ⁵⁵ khje ³¹
60 (“that”)	∅	∅	∅	xje ⁵¹	xu ⁵¹	∅

Old Burmese “ij”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ij	jɔʔ	aj	ji	ji	a	(1 ex.)
#2	ij	i	aj	aj	uj	a	(1 ex.)
#3	ij	ə	ɾ	aj	i	a	(1 ex.)
#4	ij	iʔ	i	i	ɿ	ik	(3 exx.)
#5	ij	i	aj	aj	i	a	(14 exx.)
#6	ij	∅	∅	ji	i	jik	(1 ex.)
#7	ij	ɿ	ɿ	∅	ɿ	ik	(3 exx.)
#8	ij	oj	uj	uj	uj	ɔj	(6 exx.)
#9	ij	ji	i	ji	əj	jik	(3 exx.)
#10	ij	iʔ	aj	ji	ji	a	(2 exx.)
#11	ij	iʔ	aj	i	əj	ək	(2 exx.)
#12	ij	e	ɛ	e	ɛ	a	(3 exx.)
#13	ij	i	-	ji	ji	a	(2 exx.)
#14	ij	aiʔ	∅	uj	əj	ək	(2 exx.)
#15	ij	ji	ɛ	jī	ji	ji	(2 exx.)
#16	ij	∅	o	o	ǎ	ɔ	(2 exx.)

15.1 **ij:jɔʔ:aj:ji:ji:a**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
161 (“to reside (live)”)	niy	nɔʔ ⁵⁵	nai ⁵⁵	ŋji ⁵¹	ŋji ⁵⁵	na ³¹

15.2 **ij:i:aj:aj:uj:a**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
490 (“the flea”)	lhiyh ³	li ³¹	fu ³¹ lai ³¹	k ^h ɛ ⁵⁵ lai ²¹	k ^h ə ³¹ lui ³⁵	k ^h ə ³¹ la ³⁵

15.3 **ij:ə:ɾ:aj:i:a**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2417 (“the boat”)	lhiy ²	xə ⁵⁵	xɾ ⁵⁵	lai ⁵¹	li ⁵⁵	la ³¹

15.4 **ij:iʔ:i:i:ɿ:ik**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2 (“the pit (stone of fruit)”) <p>2656 (“the medicine”)</p> <p>3080 (“to wash”)</p>	guy ³ ce ¹ chui ^h ₃ chiy ³ chiy ^h	ŋi ³¹ tsi ³¹ ∅ ∅ ∅	li ⁵³ tsi ³¹ ∅ tshi ³¹	ŋj ²¹ tʃi ⁵⁵ tʃhi ²¹ tʃhi ²¹	ŋji ³⁵ tʃi ³⁵ mi ³¹ tʃh ³⁵ tʃh ³⁵	ŋji ³⁵ tʃik ⁵⁵ tʃhik ⁵⁵ tʃhik ⁵⁵

15.5 *ij:i:aj:aj:i:a*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
327 (“four”) <p>418 (“cold (of temperature)”) <p>2054 (“chat (v.)”) <p>2108 (“divide / share (things) (v.)”) <p>2300 (“slow”) <p>2465 (“the chin”) <p>2568 (“the ghost”) <p>2897 (“thin (object)”) <p>3100 (“to winnow”) <p>199 (“the wind”) <p>428 (“heavy”) <p>2360 (“the arrow”) <p>2218 (“make / cause (v.)”) <p>2311 (“speak (v.)”) </p></p></p></p></p></p></p></p></p></p></p></p></p>	liy ³ tho ₂ n ¹ iy ^h liy ² kan ² viy ² nhiy ³ miy ³ tac ⁴ chiy ² siy ³ lhiy ¹ liy liy ^h liy ³ ciy ² ∅	∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ li ⁵⁵ li ³¹ ∅ si ⁵⁵ ∅	∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ lai ⁵⁵ lai ³¹ xo ³¹ lai ³⁵ ∅ ∅	∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ lai ⁵¹ lai ²¹ lai ²¹ ∅ ∅	∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ li ⁵⁵ li ³¹ li ³¹ ∅ ∅	∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ ∅ la ³¹ la ³⁵ la ³⁵ ∅ ∅
					tj ³⁵ kja ³⁵	ta ⁵⁵ kjo ³⁵

15.6 *ij:∅:∅:ji:i:jik*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
250 (“to give”)	piy ^h ³	∅	∅	pji ²¹	pi ³¹	pjik ⁵⁵

15.7 *ij:ŋ:ŋ:∅:ŋ:ik*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
177 (“the corpse”) <p>164 (“the skin”) <p>107 (“the skin”) </p></p>	siy riy ariy	ŋi ⁵⁵ pzua ⁵⁵ a ³¹ z ¹ ₁ ⁵⁵ ∅	ŋi ⁵⁵ nut ⁵⁵ z ¹ ₁ ⁵⁵ a ³¹ z ¹ ₁ ⁵⁵	∅ ∅ ∅	ŋi ⁵⁵ ∅ ∅	ŋik ³¹ ∅ ∅

15.8 *ij:oj:uj:uj:uj:uj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
21 (“the rope”)	∅	toi³¹	tui³¹	tui²¹	tui³⁵	tɔi³⁵
113 (“the gums”)	∅	teoi⁵⁵	cui⁵⁵	tsui⁵¹	tui⁵⁵	tsɔi³¹
590 (“to be alive”)	∅	∅	∅	tui⁵¹e⁵⁵	a³¹tui⁵⁵	tɔi³¹kau³⁵
2118 (“easy”)	∅	∅	∅	lui⁵¹	lui⁵⁵	lɔi³¹
2439 (“the buffalo”)	∅	∅	nɔ³¹lui³¹	nɔ²¹lui²¹	nɔ³¹lui³¹	nũŋ³⁵lɔi³⁵
3048 (“to startle / disturb”)	lan¹ciy²	∅	∅	lo⁷55tui⁵¹	∅	∅

15.9 **ij:ji:i:ji:ə:jik**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2006 (“ask / question (v.)”)	miy³	ni³¹	ni³¹	mji²¹	məi³¹	mjik⁵⁵
2169 (“forget (v.)”)	miy¹	ni³⁵	ni⁷55ni³⁵	∅	∅	∅
2167 (“forget (v.)”)	∅	∅	∅	tɔ²¹mji⁵⁵	tã³¹məi³¹	tɔ⁵⁵mjik⁵⁵

15.10 **ij:iʔ:aj:ji:ji:a**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
23 (“the day”)	niy	ni³¹mɔ³¹	nai³⁵tsin³⁵	ŋji⁵⁵khju⁵⁵	ŋji³⁵kaun³¹	na⁵⁵
2694 (“the pestle”)	∅	∅	∅	thuŋ⁵¹kji³³	tʃhɔ³¹kji⁵⁵	∅

15.11 **ij:iʔ:aj:i:ə:jək**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
502 (“the front (front side)”)	rhe⁵³	nɔ⁷55si⁷31	ɲɔ⁷55sai³⁵	xi⁵⁵	xəi³⁵	∅
2379 (“the bat”)	∅	∅	∅	phe⁵⁵xi⁵⁵	pha⁷55xəi³¹	phɔ⁷55xək⁵⁵

15.12 **ij:e:e:e:e:a**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
95 (“far”)	viyh	ve³¹	vɛ³¹	ve²¹	vɛ³¹	va³⁵
610 (“the dew”)	∅	tshe³¹	tshe³¹	∅	∅	∅
760 (“the sand”)	∅	∅	∅	∅	mɛ⁵⁵fa⁵⁵	ma³¹ʃɔ³¹

15.13 **ij:i:-:ji:ji:a**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
524 (“morning”)	niy ʔlañ	ni ³¹ kuŋ ⁵⁵	∅	ŋji ⁵⁵ kuŋ ⁵¹ tu ²¹	ŋji ³⁵ kaŋ ³¹ tu ⁵⁵	na ⁵⁵ kaŋ ³⁵
831 (“to sing”)	∅	siaŋ ³⁵ ciaŋ ⁵⁵	çaŋ ⁵⁵ çaŋ ³⁵	∅	∅	∅

15.14 *ij:ai?:Ø:uj:əj:ək*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
155 (“the river”)	riy ² ku ³	∅	∅	vui ⁵¹ li ²¹	γəi ⁵⁵ xɛ ^{ʔ31}	γək ³¹ xɛ ^{ʔ55}
2882 (“the willow”)	∅	xai ^{ʔ55} tseŋ ⁵⁵	∅	∅	γəi ⁵⁵ pɛ ⁵⁵ tu ³¹ kɛ ⁵⁵	∅

15.15 *ij:ji:ɛ:jĩ:ji:ji*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
275 (“the mother”)	amiy	∅	mɛ ³¹	∅	∅	a ⁵⁵ mji ⁵⁵
2822 (“the testicles”)	∅	ŋi ³¹ tsi ^{ʔ31}	∅	ŋjĩ ²¹ tʃi ⁵⁵	ŋji ³⁵ tʃi ³⁵	ŋji ³⁵ tʃik ⁵⁵

15.16 *ij:Ø:o:o:ə:ɔ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
310 (“the father”)	aphiy	∅	po ³¹	∅	∅	a ⁵⁵ pho ⁵⁵
458 (“to hear”)	∅	∅	∅	vo ⁵⁵ kjo ²¹	γə ³¹ kja ³¹	γo ⁵⁵ kjo ³⁵

Old Burmese “*im*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	im	in	in	um	am	am	(9 exx.)

16.1 *im:in:in:um:am:am*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
427 (“the house”)	a ¹ cā ² im ²	in ⁵⁵ tcaŋ ⁵⁵	in ⁵⁵	jum ⁵¹ kuŋ ⁵¹	jam ⁵⁵ khauŋ ⁵⁵	jam ³¹ khauŋ ³¹
267 (“the cloud”)	tim	∅	∅	∅	∅	∅
401 (“green”)	cimḥ	∅	∅	∅	∅	∅
654 (“roll (v.)”)	lim ¹	∅	∅	∅	∅	∅
792 (“roll (v.)”)	lhim ¹	∅	∅	∅	∅	∅
3109 (“turn over (on bed) (v.)”)	lūḥ ³ lhim ¹	∅	∅	∅	∅	∅
3042 (“to soak / steep”)	sim ²	tsin ⁵⁵	tsin ⁵⁵	∅	tjam ⁵⁵	tjam ³¹
140 (“the cloud”)	∅	xan ³¹ tein ³¹	çañ ⁵⁵ cin ³¹	∅	∅	∅
702 (“the peanut”)	∅	thu ⁵⁵ lin ⁵⁵	tho ³¹ lin ³¹	∅	∅	∅

Old Burmese “**in**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	in	၁၅	၁၅	၁၅	၁၅	၁၅	(8 exx.)

17.1 **in:၁၅:၁၅:၁၅:၁၅:၁၅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
579 (“hot”)	∅	∅	∅	∅	la ⁵⁵	la ³¹
677 (“left”)	∅	∅	∅	∅	la ²³¹ ka ³⁵	la ²³¹ ka ³⁵
2020 (“beautiful”)	∅	∅	∅	∅	ja ³⁵	ja ⁵⁵
2534 (“the eyebrow”)	∅	∅	∅	∅	mja ²³¹	mja ²³¹
					ma ⁵⁵	ma ⁵⁵
2758 (“the shoe”)	∅	∅	∅	∅	khji ⁵⁵	khjik ³¹
					tsa ³⁵	tsa ³⁵
2928 (“to catch”)	∅	∅	∅	∅	ta ³⁵	ta ³⁵
2368 (“the axe”)	pu ¹ chin ²	u ³¹ te ^{၁၅} ³¹	la ³¹ cu ^{၁၅} ³¹	va ²¹ tsu ^{၁၅} ²¹	və ³¹ tsa ^{၁၅} ³¹	və ⁵⁵ tsa ^{၁၅} ³¹
2285 (“shallow”)	tin ²	∅	∅	∅	∅	∅

Old Burmese “*ip*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	ip	e	it	up	ap	ap (9 exx.)

18.1 ***ip:e:it:up:ap:ap***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
370 (“to sleep”)	ip⁴	e³¹	it⁵⁵	jup⁵⁵	jap⁵⁵	jap³¹
268 (“the ant”)	puro ₁ k chip	∅	∅	∅	∅	∅
2444 (“the butterfly”)	lip⁴pra²	∅	∅	∅	∅	∅
2717 (“the poison”)	a¹chip⁴	∅	∅	∅	∅	∅
2755 (“the shadow”)	a¹rip⁴	∅	∅	∅	∅	∅
200 (“the dream”)	ip⁴mak⁴	∅	∅	jup⁵⁵mo²¹	jap⁵⁵ma²⁵⁵	jap³¹mo²³¹
2752 (“the shadow”)	∅	∅	∅	vup²¹tso²¹	yap³¹ta³¹	yap³¹ts³⁵
358 (“cloudy, be (sky) / overcast (v.)”)	∅	∅	∅	∅	mau³¹tap⁵⁵	muk⁵⁵tap³¹
2252 (“punish (v.)”)	∅	∅	∅	tʃhup⁵⁵	tʃhap⁵⁵	∅

Old Burmese “*it*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	it	∅	ɔt	ut	ɔt	at	(5 exx.)

19.1 *it:∅:ɔt:ut:ɔt:at*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2396 (“the beard”)	mut ⁴ chit ⁴	∅	∅	∅	∅	∅
2557 (“the friend”)	mit ⁴ chuy ²	∅	∅	∅	∅	∅
3097 (“to wink”)	mhit ⁴	∅	∅	∅	∅	∅
659 (“the goat”)	chit	∅	∅	∅	∅	tʃhat ⁵⁵ pɛ̃ ^{ʔ55}
766 (“smooth”)	∅	∅	chɔt ³⁵	tʃut ⁵⁵	tau ^{ʔ31} tʃɔt ⁵⁵	tʃat ⁵⁵

Old Burmese “j”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	j	j	j	j	j	j	(51 exx.)
#2	j	-	-	-	-	-	(26 exx.)
#3	j	ʒ	-	j	j	j	(2 exx.)
#4	j	j	j	-	-	-	(3 exx.)
#5	j	ʒ	ʒ	j	j	j	(15 exx.)
#6	j	z	j	j	j	j	(14 exx.)
#7	j	-	-	v	j	j	(2 exx.)

20.1 j:j:j:j:j

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
5 (“to fly (move through air)”)	pyam	∅	∅	∅	∅	∅
186 (“the otter”)	phyam	∅	∅	∅	∅	∅
411 (“to scratch”)	a ¹ yāḥ ³ phyo ₂ k ⁴ pyo ₂ ʔ	∅	∅	∅	∅	∅
426 (“smooth”)	pyo ₂ ʔ	∅	∅	∅	∅	∅
2087 (“cut (meat) (v.)”)	lhi ³ phyat ⁴	∅	∅	∅	∅	∅
2089 (“damaged, be (house) / cave in (v.)”)	pyak ⁴	∅	∅	∅	∅	∅
2162 (“fight / vie for (v.)”)	yak ⁴	∅	∅	∅	∅	∅
2162 (“fight / vie for (v.)”)	yak ⁴	∅	∅	∅	∅	∅
2214 (“make (tea) (v.)”)	phyo ₂ ²	∅	∅	∅	∅	∅
2631 (“the ladle”)	yo ₂ k ⁴ ma ¹	∅	∅	∅	∅	∅
2631 (“the ladle”)	yo ₂ k ⁴ ma ¹	∅	∅	∅	∅	∅
2642 (“the leech”)	mhyo ₂ ¹	∅	∅	∅	∅	∅
2727 (“the rabbit”)	yun ²	∅	∅	∅	∅	∅
2727 (“the rabbit”)	yun ²	∅	∅	∅	∅	∅
2912 (“to be ill”)	phyāḥ ³	∅	∅	∅	∅	∅
185 (“the man (male human)”)	yo ₂ k ⁴ kyāḥ ³	i ³¹ tɕi ⁵⁵	ju ^{ʔ31} ɕe ⁵⁵	ju ^{ʔ21} ke ⁵¹	khak ⁵⁵ jau ^{ʔ31}	khə ³¹ jauk ³¹
222 (“the seed”)	myuivḥ ³ ciy ^ʔ	a ³¹ nau ³¹	a ³¹ nau ⁵¹	a ²¹ mji ²¹	a ³¹ mjuṅ ³¹	mjuk ⁵⁵
263 (“many”)	myāḥ	nɔ ³¹	nɔ ³¹	mjo ²¹	mja ³¹	mjo ³⁵
265 (“the blind person”)	myak ⁴ nhā ²	nɔ ^{ʔ55} mui ³¹	ɲɔ ^{ʔ55} ɲɔ ⁵⁵	mjo ^{ʔ21} toṅ ²¹	mja ^{ʔ31} tuṅ ³¹	mjo ^{ʔ31} khuṅ ³⁵
2276 (“to itch”)	a ¹ yāḥ ³ phyo ₂ k ⁴	jo ³¹	jo ³¹	jo ²¹	nak ⁵⁵ tjam ³¹ ja ³¹	nak ⁵⁵ jo ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2670 (“the monkey”)	myo₂k⁴	nu⁵⁵	ju⁵⁵	mju²¹	mjau³¹	mjauk³¹
102 (“to float”)	∅	∅	∅	mju²¹	mju³¹	mju³⁵
111 (“to flow”)	∅	∅	∅	jui⁵¹	ju⁵⁵	juk³¹
485 (“the sparrow”)	∅	∅	∅	tʃo⁵¹k^hja⁵⁵	tʃə³¹k^hʒ³⁵	tʃə³¹k^hʒ⁵⁵
2312 (“spicy”)	∅	∅	∅	phjik⁵⁵	phjak⁵⁵	phjak⁵⁵
2515 (“the duck”)	∅	∅	∅	pjet⁵⁵	pjet⁵⁵	pjet⁵⁵
2603 (“the hat”)	∅	∅	∅	mu²¹kjup⁵⁵	mau³¹	mauk³¹
					kjap⁵⁵	kjap⁵⁵
2930 (“to choose”)	∅	∅	∅	kjin⁵¹tho²⁵⁵	khjən⁵⁵	khjin³¹
				ju⁵¹		
2973 (“to land / descend”)	∅	∅	∅	kjo⁵⁵	kja³⁵	kjo⁵⁵
87 (“to think (reflect)”)	∅	∅	∅	mjit²¹	mjət³¹	∅
521 (“the thunder”)	∅	∅	∅	mau²¹mjin⁵¹	mau³¹	∅
					mja⁵⁵	
616 (“the barley (tibetan or highland)”)	∅	∅	∅	mə⁵⁵ja²¹	mə³¹ja⁵¹	∅
				ɲja²¹		
2213 (“make (tea) (v.)”)	∅	∅	∅	ɲjun²¹	ɲjən³⁵	∅
2694 (“the pestle”)	∅	∅	∅	thu⁵¹kji³³	tʃhə³¹kji⁵⁵	∅
2954 (“to get / acquire”)	∅	∅	∅	vo⁵⁵ju⁵¹	mjə³¹ju⁵⁵	∅
2991 (“to pick”)	∅	∅	∅	pjo²⁵⁵	phja²⁵⁵	∅
618 (“the fly”)	ya²	∅	∅	ja⁵¹khuj²¹	jə⁵⁵kha³¹	jə³¹kha³⁵
618 (“the fly”)	ya²	∅	∅	ja⁵¹khuj²¹	jə⁵⁵kha³¹	jə³¹kha³⁵
444 (“green”)	ñuiv	na⁵⁵	na⁵⁵	ɲju⁵¹	ɲju⁵⁵	ɲjuk³¹
850 (“the son”)	∅	∅	ju²¹ce⁵⁵tso³¹	ju²¹ke⁵¹tso²¹	∅	∅
2086 (“cut (meat) (v.)”)	∅	∅	jam³¹	jam²¹	∅	∅
2204 (“line up (v.)”)	∅	∅	jap⁵⁵	jap²¹jan⁵⁵	∅	∅
2204 (“line up (v.)”)	∅	∅	jap⁵⁵	jap²¹jan⁵⁵	∅	∅
2541 (“the finger”)	∅	lə²⁵⁵na³¹	lə²⁵⁵na³¹	lə²¹ɲju²¹	lə²¹ɲju³⁵	lə²¹ɲjuk⁵⁵
2296 (“shrivel up / wither (v.)”)	∅	na³¹	na³¹	ɲju²¹	ɲju³⁵	∅
2822 (“the testicles”)	∅	ɲi³¹tsi²³¹	∅	ɲi²¹tʃi⁵⁵	ɲi³⁵tʃi³⁵	ɲi³⁵tʃik⁵⁵
123 (“to burn [intransitive]”)	ñi	ne³⁵	∅	ɲje⁵⁵	∅	∅
507 (“the rainbow”)	∅	∅	h⁵⁵ɲə²⁵⁵	∅	ya²³¹kə³¹	ya²³¹ka³⁵
			la³¹kam⁵⁵		sa⁵⁵ɲju⁵⁵	sa³¹ɲjə³¹
2321 (“splash / sprinkle (v.)”)	phyan³	∅	∅	phjun²¹	∅	∅
3054 (“to swallow”)	myuiv²	∅	∅	∅	∅	mjuk³¹
2925 (“to burn”)	∅	ne³⁵	∅	ɲje⁵⁵	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
297 (“smooth”)	khyo₂³	∅	∅	∅	∅	∅
312 (“narrow”)	kyanḥ	∅	∅	∅	∅	∅
356 (“to blow (of wind)”)	nhap⁴ñhac⁴	∅	∅	∅	∅	∅
661 (“right”)	ñā	∅	∅	∅	∅	∅
684 (“the ginger”)	gyañ³	∅	∅	∅	∅	∅
780 (“dirty”)	ñacpat	∅	∅	∅	∅	∅
839 (“the navel”)	khyat⁴	∅	∅	∅	∅	∅
2064 (“chop / cut (meat) (v.)”)	cyan	∅	∅	∅	∅	∅
2474 (“the clothes”)	aŋ³kyi²	∅	∅	∅	∅	∅
2496 (“the crow”)	kyi³kanḥ³	∅	∅	∅	∅	∅
2767 (“the snail”)	kha¹ru¹pak⁴kyi¹	∅	∅	∅	∅	∅
2905 (“tired”)	ño₂ñḥ³	∅	∅	∅	∅	∅
2949 (“to ferment”)	a¹khyan²pho₂k⁴	∅	∅	∅	∅	∅
2984 (“to love”)	khyat⁴	∅	∅	∅	∅	∅
3082 (“to wash”)	lhyo²	∅	∅	∅	∅	∅
3114 (“twist (a towel) (v.)”)	ñhac⁴	∅	∅	∅	∅	∅
319 (“good”)	yo₂k⁴kyāḥ³	i³¹tci⁵⁵	ju²³¹ce⁵⁵	ju²²¹ke⁵¹tso²¹	jau²³¹kai⁵⁵	jauk³¹kai³¹
2332 (“tasty / delicious”)	khjuiv²	tchau⁵⁵	tṣhau⁵⁵ṣei³⁵	tṣhui²¹	tṣhu⁵⁵	tṣhuk³¹
2035 (“borrow (money) (v.)”)	khyiy³	∅	∅	tṣi²¹	tṣi³⁵	tṣik⁵⁵
2235 (“pare / peel with a knife (v.)”)	khjuin²	∅	∅	tṣhun⁵¹	tṣhɔn⁵⁵	tshum³¹
2774 (“the dance”)	si²khyāḥ³	∅	∅	mǎ²¹khon⁵¹	mǎ³¹khɔn⁵⁵	mǎ³¹khɔn⁵⁵
242 (“thou [second person singular]”)	ñāñḥ³	nuaŋ⁵⁵	nɔŋ⁵⁵	naŋ⁵¹	nɔ⁵⁵	nɔ³¹
2306 (“sour”)	khyān²	∅	tshen⁵⁵	tṣim⁵¹	tṣɔn⁵⁵	tṣim³¹
2622 (“the stone”)	kyo₂k⁴	laŋ³¹ko²⁵⁵	lu²⁵⁵ko²⁵⁵	lu²²¹kok²¹	∅	∅
466 (“the sickle”)	tañ²cyan²	∅	∅	∅	ṣṣ⁵⁵ŋø³⁵	ṣṣ³¹ŋø³⁵
612 (“the armpit”)	khyo₁ñḥ	∅	∅	kǎ²¹tṣok⁵⁵ k^hoŋ²¹	∅	∅

20.3 *j:z̄:-j:j*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2279 (“sew (up) (v.)”)	ap⁴khyup⁴	xzop⁵⁵	chup⁵⁵	khjup⁵⁵	khjap⁵⁵	khjap⁵⁵
2826 (“the thread”)	khyañ²	khzəŋ⁵⁵	khuuŋ⁵⁵	khjiŋ⁵¹	khjaŋ⁵⁵	kjhaŋ³¹

20.4 *j:j:j:-:-*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2276 (“to itch”)	a ¹ yāḥ ³ phyo ₂ k ⁴	jɔ ³¹	jɔ ³¹	jo ²¹	nak ⁵⁵ tjam ³¹ ja ³¹	nak ⁵⁵ jo ³¹
2070 (“collapse / cave in / fall down (v.)”)	∅	nɔp ⁵⁵	ɲɔp ⁵⁵	nɔp ²¹	nap ³¹	nɔp ³¹
2895 (“thin (object)”)	∅	ɲi ⁵⁵	ɲɛ ⁵¹	∅	ɲai ⁵⁵	ɲai ⁵⁵

20.5 *j:z:z:j:j*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
70 (“the ash”)	∅	nä ³¹ zāp ³⁵	zɔ ⁷⁵⁵ phɔ ⁷⁵⁵	∅	∅	∅
522 (“hard”)	∅	kzāk ⁵⁵	kzāk ⁵⁵	∅	∅	∅
645 (“the sickle”)	∅	zīt ⁵⁵ mɔ ⁷³¹	zūt ⁵⁵ mɔ ³¹	∅	∅	∅
847 (“the rabbit”)	∅	pzāŋ ⁵⁵ tai ⁵⁵	pzāŋ ³¹ tai ⁵⁵	∅	∅	∅
2055 (“chat (v.)”)	∅	kzāi ⁵⁵ tsi ³¹	kzāi ⁵⁵	∅	∅	∅
2140 (“fast”)	∅	mzap ⁵⁵	mzap ⁵⁵	∅	∅	∅
2143 (“fat (of person)”)	∅	pzāu ³¹	pzāu ³¹	∅	∅	∅
2177 (“gnaw / nibble (v.)”)	∅	kzāt ⁵⁵	kzāt ⁵⁵	∅	∅	∅
2629 (“the knife”)	∅	mzāu ³¹	mzāu ³¹	∅	∅	∅
2682 (“the shadow”)	∅	a ³¹ zīt ⁵⁵	a ³¹ zūt ⁵⁵	∅	∅	∅
3091 (“to weave (a basket)”)	∅	zūa ⁷⁵⁵	zɔ ⁷⁵⁵	∅	∅	∅
2304 (“snap / break (a stick) (v.)”)	khyuiv ³	khzāu ³¹	khzāu ³¹	khjui ²¹	khju ³⁵	khjuk ⁵⁵
2542 (“to cough”)	khyo ₂ nh ³ chui ³ vḥ ³	khzɔŋ ³¹ tṣhau ³¹	khzɔŋ ³¹ tṣhau ³¹	khjuŋ ²¹ tsau ²¹	khjaun ³⁵ tau ³¹ tau ³¹	khjaun ³⁵ tsuk ⁵⁵
385 (“the horn (keratinized skin)”)	khyuiw	∅	∅	∅	khju ⁵⁵	khjuk ³¹
576 (“late”)	no ₂ kkya	∅	∅	t ^h aj ⁵¹ kjo ⁵⁵	t ^h ɔ ⁵⁵ kja ³⁵	∅

20.6 *j:z:j:j:j*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
119 (“to throw”)	∅	∅	∅	∅	pjɛ ⁷⁵⁵	pjɛ ⁷⁵⁵
231 (“the ear”)	∅	∅	∅	∅	nä ³¹ khj ⁵⁵	nä ³¹ khjɛ ⁷⁵⁵
471 (“to hide (conceal)”)	∅	∅	∅	∅	ɲjam ³⁵	ɲjam ³⁵
598 (“the wolf”)	∅	∅	∅	∅	mjaŋ ⁵⁵ k ^h ui ³⁵	mjaŋ ³¹ k ^h a ³⁵
2020 (“beautiful”)	∅	∅	∅	∅	jaun ³⁵	jaun ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2048 (“called, be / named (v.)”)	∅	∅	∅	∅	mjaŋ ⁵⁵ jɔ̃ ⁵⁵	jɔ̃ ³¹
2060 (“chisel / bore (a hole) (v.)”)	∅	∅	∅	∅	kjauŋ ³⁵	kja <u>u</u> ŋ ³⁵
2069 (“collapse / cave in / fall down (v.)”)	∅	∅	∅	∅	kjɔ̃ ³¹	kjɔ̃ ³¹
2343 (“tasty / delicious”)	∅	∅	∅	∅	mja ²⁵⁵	mjɔ̃ ²⁵⁵
2641 (“the leech”)	∅	∅	∅	∅	tɔŋ ³¹ pjen ³¹	tɔŋ ³¹ pjen ³¹
2904 (“tired”)	∅	∅	∅	∅	mja <u>u</u> ŋ ³¹	mja <u>u</u> ŋ ³⁵
326 (“right”)	yā	lɔ̃ ³¹ zɔ̃ ⁵⁵ pa ³¹	lɔ̃ ⁵⁵ jɔ̃ ⁵⁵	lɔ̃ ²¹ jɔ̃ ⁵¹	la ³¹ ja ⁵⁵	lɔ̃ ³¹ jɔ̃ ³¹
2200 (“leak (v.)”)	yuiv ²	zau ⁵⁵	jau ³¹	jui ⁵¹	ju ⁵⁵	juk ³¹
647 (“light (of weight)”)	∅	zaj ⁵⁵	jaŋ ⁵⁵	∅	∅	∅

20.7 *j:-:-v:j:j*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2112 (“drunk”)	∅	et ⁵⁵	ɛt ⁵⁵	vut ²¹	jɔ̃t ³¹	jik ³¹
2328 (“sweat”)	khyuy ³	a ³¹ xə ³⁵	∅	∅	pau ³¹ kjɔ̃ ³⁵	pau ³¹ kjɔ̃ ³⁵

Old Burmese “ja”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ja	jɔ	jɔ	o	a	o	(1 ex.)
#2	ja	a	ɔ	jo	ja	jɔ	(2 exx.)
#3	ja	jɔ	jɔ	jo	ja	jɔ	(5 exx.)
#4	ja	i	ɛ	e	aj	aj	(5 exx.)

21.1 ja:jɔ:jɔ:o:a:o

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2276 (“to itch”)	a ¹ yaḥ ³ phyo ₂ k ⁴	jɔ ³¹	jɔ ³¹	jo ²¹	nak ⁵⁵ tjam ³¹ ja ³¹	nak ⁵⁵ jo ³¹

21.2 ja:a:ɔ:jo:ja:jɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
811 (“the road”)	∅	xa ⁵⁵ mzua ³¹	chɔ ⁵⁵ mɔ ³¹	khjo ⁵¹	khäk ⁵⁵ khja ⁵⁵	khjo ³¹
576 (“late”)	no ₂ kkya	∅	∅	t ^h aj ⁵¹ kjo ⁵⁵	t ^h ɔ ⁵⁵ kja ³⁵	∅

21.3 ja:jɔ:jɔ:jo:ja:jɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
263 (“many”)	myāḥ	nɔ ³¹	nɔ ³¹	mjo ²¹	mja ³¹	mjo ³⁵
209 (“the woman”)	∅	i ³¹ nɔ ³¹	ji ³¹ nɔ ³¹	∅	∅	∅
2657 (“the medicine”)	∅	nam ³¹ nɔ ³¹	ñɔ ³¹	∅	∅	∅
2973 (“to land / descend”)	∅	∅	∅	kjo ⁵⁵	kja ³⁵	kjo ⁵⁵
2912 (“to be ill”)	phyāḥ ³	∅	∅	∅	∅	∅

21.4 ja:i:ɛ:e:aj:aj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
319 (“good”)	yo ₂ k ⁴ kyāḥ ³	i ³¹ tci ⁵⁵	ju ³¹ ɛ ⁵⁵	ju ²¹ ke ⁵¹ tso ²¹	jau ³¹ kai ⁵⁵	jauk ³¹ kai ³¹
2176 (“gnaw / nibble (v.)”)	∅	∅	∅	khe ²¹	khai ³⁵	khai ³⁵
308 (“what”)	∅	pi ³¹ si ⁵⁵	pe ³¹	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
661 (“right”)	ñā	∅	∅	∅	∅	∅
2960 (“to hate”)	∅	∅	∅	∅	mai³¹	mai³⁵

Old Burmese “**jak**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	jak	joʔ	joʔ	joʔ	jaʔ	joʔ (6 exx.)

22.1 **jak:joʔ:joʔ:joʔ:jaʔ:joʔ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
265 (“the blind person”)	myak⁴nhā²	noʔ⁵⁵mui³¹	joʔ⁵⁵noʔ⁵⁵	mjoʔ²¹toŋ²¹	mjaʔ³¹tun³¹	mjoʔ³¹khun³⁵
2089 (“damaged, be (house) / cave in (v.)”)	pyak⁴	∅	∅	∅	∅	∅
2162 (“fight / vie for (v.)”)	yak⁴	∅	∅	∅	∅	∅
519 (“shy”)	∅	noʔ⁵⁵siʔ³¹	joʔ⁵⁵sai³⁵	∅	∅	∅
2343 (“tasty / delicious”)	∅	∅	∅	∅	mjaʔ⁵⁵	mjoʔ⁵⁵
2991 (“to pick”)	∅	∅	∅	pjoʔ⁵⁵	phjaʔ⁵⁵	∅

Old Burmese “**jam**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	jam	∅	∅	∅	∅	∅ (2 exx.)

23.7 **jam:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
5 (“to fly (move through air)”) 186 (“the otter”)	pyam	∅	∅	∅	∅	∅
	phyam	∅	∅	∅	∅	∅

Old Burmese “*jan*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	jan	∅	ɛn	in	ɔn	iŋ	(4 exx.)
#2	jan	∅	∅	jom	ɛ̃	ɛ̃	(2 exx.)
#3	jan	∅	∅	jun	jɔn	∅	(2 exx.)

24.1 *jan:∅:ɛn:in:ɔn:iŋ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2306 (“sour”)	khyan ²	∅	tshɛn ⁵⁵	tʃin ⁵¹	tʃɔn ⁵⁵	tʃiŋ ³¹
312 (“narrow”)	kyanḥ	∅	∅	∅	∅	∅
2064 (“chop / cut (meat) (v.)”)	cyan	∅	∅	∅	∅	∅
2949 (“to ferment”)	a ¹ khyan ² pho ₂ k ⁴	∅	∅	∅	∅	∅

24.2 *jan:∅:∅:jom:ɛ ~ :ɛ ~*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
466 (“the sickle”)	taim ² cyan ²	∅	∅	∅	ʃɛ ⁵⁵ ŋθ ³⁵	ʃɛ ³¹ ŋθ ³⁵
778 (“soft”)	∅	∅	∅	ŋjom ⁵⁵	nɛ ³⁵	nɛ ⁵⁵

24.3 *jan:∅:∅:jun:jɔn:∅*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2321 (“splash / sprinkle (v.)”)	phyan ³	∅	∅	phjun ²¹	∅	∅
2213 (“make (tea) (v.)”)	∅	∅	∅	ŋjun ²¹	ŋjɔn ³⁵	∅

Old Burmese “*jan*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	jan ^j	zəŋ	ʃŋ	jiŋ	jaŋ	jaŋ	(1 ex.)
#2	jan ^j	uaŋ	ɔŋ	aŋ	ɔ ²	ɔ ²	(1 ex.)

25.1 *jan*¹:zəŋ:ʃŋ:jiŋ:jaŋ:jaŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2826 (“the thread”)	khyañ ²	khzəŋ ⁵⁵	khʃŋ ⁵⁵	khjiŋ ⁵¹	khjaŋ ⁵⁵	kjhaŋ ³¹

25.2 *jan*¹:uaŋ:ɔŋ:aŋ:ɔ ~ :ɔ ~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
242 (“thou [second person singular]”)	ñañh ³	nuaŋ ⁵⁵	nɔŋ ⁵⁵	naŋ ⁵¹	nɔ ⁵⁵	nɔ ³¹

Old Burmese “**jat**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	jat	ap	zɔ̄t	aʔ	ɛʔ	ɛʔ	(3 exx.)
#2	jat	∅	∅	∅	∅	∅	(1 ex.)
#3	jat	∅	∅	∅	∅	∅	(1 ex.)

26.1 **jat:ap:zɔ̄t:aʔ:ɛʔ:ɛʔ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
172 (“tomorrow”)	∅	p ^h ä ⁵⁵ nap ⁵⁵	∅	naʔ ²¹ ma ⁵⁵	nɛʔ ³¹ ma ³⁵	nɛʔ ³¹ mɔ̄ ⁵⁵
2315 (“splash / sprinkle (v.)”)	∅	∅	xzɔ̄t ⁵⁵	∅	nɛʔ ³¹ fɛʔ ⁵⁵	nɛʔ ³¹ fɛʔ ⁵⁵
839 (“the navel”)	khyat⁴	∅	∅	∅	∅	∅

26.2 **jat:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2087 (“cut (meat) (v.)”)	lhi ³ phyat ⁴	∅	∅	∅	∅	∅

26.3 **jat:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2984 (“to love”)	khyat⁴	∅	∅	∅	∅	∅

Old Burmese “*jats*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	jats	Ø	Ø	Ø	Ø	Ø	(3 exx.)

27.1 **jats:Ø:Ø:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
356 (“to blow (of wind)”) nhap⁴ñhac⁴		Ø	Ø	Ø	Ø	Ø
780 (“dirty”) ñacpat		Ø	Ø	Ø	Ø	Ø
3114 (“twist (a towel) (v.)”) ñhac⁴		Ø	Ø	Ø	Ø	Ø

Old Burmese “*jaŋ*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	jaŋ	∅	∅	jaŋ	jɔ̃	jɔ̃	(1 ex.)
#2	jaŋ	uan	uan	on	ɔn	ɔn	(3 exx.)

28.1 *jaŋ:∅:∅:jaŋ:jɔ̃ ~ :jɔ̃ ~*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
618 (“the fly”)	yañ ²	∅	∅	jaŋ ⁵¹ khuy ²¹	jɔ̃ ⁵⁵ khauŋ ³¹	jɔ̃ ³¹ khauŋ ³⁵

28.2 *jaŋ:uan:uan:on:ɔn:ɔn*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2774 (“the dance”)	si ² khyañh ³	∅	∅	mə ²¹ khon ⁵¹	mə ³¹ khon ⁵⁵	mə ³¹ khon ⁵⁵
2426 (“the brick”)	∅	tɕuan ³¹	tɕuan ⁵⁵	∅	tɕɔn ³⁵	tɕɔn ³⁵
684 (“the ginger”)	gyañ ³	∅	∅	∅	∅	∅

Old Burmese “**ji**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ji	je	∅	je	∅	∅	(2 exx.)
#2	ji	a	a	aj	aj	ɔj	(6 exx.)

29.1 **ji:je:∅:je:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
123 (“to burn [intransitive]”)	ñi	ne³⁵	∅	ɲje⁵⁵	∅	∅
2925 (“to burn”)	∅	ne³⁵	∅	ɲje⁵⁵	∅	∅

29.2 **ji:a:a:aj:aj:ɔj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
497 (“the earthworm”)	∅	ta⁵⁵	ta⁵⁵	∅	va^{ʔ31}taⁱ⁵⁵	vo^{ʔ31}toⁱ³¹
2474 (“the clothes”)	aŋ³kyi²	∅	∅	∅	∅	∅
2496 (“the crow”)	kyi³kanḥ³	∅	∅	∅	∅	∅
2767 (“the snail”)	kha¹ru¹pa^{k4} kyi¹	∅	∅	∅	∅	∅
150 (“the fog”)	∅	∅	∅	sai⁵⁵von²¹	sai³⁵vun³¹	∅
675 (“left”)	∅	lo^{ʔ31}nam³¹ pa³¹	∅	lo^{ʔ31}pai²¹	∅	∅

Old Burmese “*jj*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	<i>jj</i>	<i>ək</i>	<i>ɣk</i>	<i>i</i>	<i>ɿ</i>	<i>ik</i> (2 exx.)

30.1 *jj:ək:ɣk:i:ɿ:ik*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2035 (“borrow (money) (v.)”)	<i>khyiy</i> ³	∅	∅	<i>tʃi</i> ²¹	<i>tʃi</i> ³⁵	<i>tʃik</i> ⁵⁵
128 (“two”)	∅	<i>sək</i> ⁵⁵	<i>sɣk</i> ⁵⁵	∅	∅	<i>ʃik</i> ⁵⁵

Old Burmese “*joŋ*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	joŋ	uŋ	uŋ	oŋ	uŋ	uŋ (2 exx.)

31.1 *joŋ:uŋ:uŋ:oŋ:uŋ:uŋ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2452 (“the buttocks”)	∅	tɛnam ³¹ tɔŋ ³¹	khu ⁵⁵ tɔŋ ³¹	tɔŋ ²¹	tɔŋ ³¹	tɔŋ ³⁵
612 (“the armpit”)	khyo ₁ n̄h	∅	∅	kă ²¹ tʃok ⁵⁵ k ^h oŋ ²¹	∅	∅

Old Burmese “*juj*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>juj</i>	ə	∅	∅	<i>jø</i>	<i>jø</i>	(1 ex.)

32.7 *juj:ə:∅:∅:jø:jø*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2328 (“sweat”)	<i>khyuy</i> ³	<i>a</i> ³¹ <i>xə</i> ³⁵	∅	∅	<i>pau</i> ³¹ <i>kjø</i> ³⁵	<i>pau</i> ³¹ <i>kjø</i> ³⁵

Old Burmese “*jun*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>jun</i>	∅	∅	∅	∅	∅	(1 ex.)

33.7 *jun:∅:∅:∅:∅:∅*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2727 (“the rabbit”)	<i>yun</i> ²	∅	∅	∅	∅	∅

Old Burmese “*jup*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	<i>jup</i>	<i>zop</i>	<i>up</i>	<i>jup</i>	<i>jap</i>	<i>jap</i> (2 exx.)

34.1 *jup:zop:up:jup:jap:jap*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2279 (“sew (up) (v.)”)	ap ⁴ khyup ⁴	xzop ⁵⁵	chup ⁵⁵	khjup ⁵⁵	khjap ⁵⁵	khjap ⁵⁵
2603 (“the hat”)	∅	∅	∅	mu ²¹ kjup ⁵⁵	mau ³¹ kjap ⁵⁵	mauk ³¹ kjap ⁵⁵

Old Burmese “*jən*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	<i>jən</i>	<i>un</i>	<i>un</i>	<i>un</i>	<i>ɔn</i>	<i>um</i> (4 exx.)

35.1 *jən:un:un:un:ɔn:um*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2084 (“crow (of cocks) (v.)”)	∅	<i>thun</i> ⁵⁵	<i>thun</i> ⁵⁵	<i>tun</i> ⁵¹	<i>tɔn</i> ⁵⁵	<i>tum</i> ³¹
2235 (“pare / peel with a knife (v.)”)	<i>khjuin</i> ²	∅	∅	<i>tʃhun</i> ⁵¹	<i>tʃhɔn</i> ⁵⁵	<i>tshum</i> ³¹
96 (“to push”)	∅	∅	∅	<i>tʃun</i> ²¹	<i>tʃɔn</i> ³⁵	<i>tʃum</i> ³⁵
3123 (“wake up (v.)”)	∅	∅	∅	<i>pun</i> ²¹	<i>pɔn</i> ³¹	<i>pum</i> ³⁵

Old Burmese “*jəw*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>jəw</i>	<i>au</i>	<i>aw</i>	<i>uj</i>	<i>u</i>	<i>uk</i>	(1 ex.)
#2	<i>jəw</i>	<i>jau</i>	<i>jau</i>	<i>juj</i>	<i>juŋ</i>	<i>juk</i>	(2 exx.)
#3	<i>jəw</i>	<i>jau</i>	<i>jau</i>	<i>ji</i>	<i>juŋ</i>	<i>juk</i>	(2 exx.)
#4	<i>jəw</i>	<i>zau</i>	<i>zau</i>	<i>juj</i>	<i>ju</i>	<i>juk</i>	(4 exx.)

36.1 *jəw:au:aw:uj:u:uk*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2332 (“tasty / delicious”)	<i>khjuiv</i> ²	<i>tchau</i> ⁵⁵	<i>tshau</i> ⁵⁵ <i>sei</i> ³⁵	<i>tshui</i> ²¹	<i>tshu</i> ⁵⁵	<i>tshuk</i> ³¹

36.2 *jəw:jau:jau:juj:juŋ:juk*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
444 (“green”)	<i>ñuiv</i>	<i>nau</i> ⁵⁵	<i>ɲau</i> ⁵⁵	<i>ɲjuj</i> ⁵¹	<i>ɲjuŋ</i> ⁵⁵	<i>ɲjuk</i> ³¹
2541 (“the finger”)	∅	<i>lɔ⁵⁵ɲau</i> ³¹	<i>lɔ⁵⁵ɲau</i> ³¹	<i>lo²¹ɲjuj</i> ²¹	<i>la²¹ɲjuŋ</i> ³⁵	<i>lo²¹ɲjuk</i> ⁵⁵

36.3 *jəw:jau:jau:ji:juŋ:juk*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
222 (“the seed”)	<i>myuivh³ciy?</i>	<i>a³¹nau</i> ³¹	<i>a³¹ɲau</i> ⁵¹	<i>a²¹mji</i> ²¹	<i>a³¹mjuŋ</i> ³¹	<i>mjuk</i> ⁵⁵
3054 (“to swallow”)	<i>myuiv</i> ²	∅	∅	∅	∅	<i>mjuk</i> ³¹

36.4 *jəw:zau:zau:juj:ju:juk*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2304 (“snap / break (a stick) (v.)”)	<i>khyuiv</i> ³	<i>khzau</i> ³¹	<i>khzau</i> ³¹	<i>khjuj</i> ²¹	<i>khju</i> ³⁵	<i>khjuk</i> ⁵⁵
385 (“the horn (keratinized skin)”)	<i>khyuiw</i>	∅	∅	∅	<i>khju</i> ⁵⁵	<i>khjuk</i> ³¹
2143 (“fat (of person)”)	∅	<i>pzau</i> ³¹	<i>pzau</i> ³¹	∅	∅	∅
2629 (“the knife”)	∅	<i>mzau</i> ³¹	<i>mzau</i> ³¹	∅	∅	∅

Old Burmese “**jv**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	jv	∅	∅	∅	∅	∅	(3 exx.)
#2	jv	∅	∅	∅	∅	∅	(2 exx.)

37.1 **jv:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
426 (“smooth”)	pyo₂ʔ	∅	∅	∅	∅	∅
2214 (“make (tea) (v.)”)	phyo₂²	∅	∅	∅	∅	∅
2642 (“the leech”)	mhyo₂¹	∅	∅	∅	∅	∅

37.2 **jv:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
297 (“smooth”)	khyo₂³	∅	∅	∅	∅	∅
3082 (“to wash”)	lhyo₂²	∅	∅	∅	∅	∅

Old Burmese “*jok*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>jok</i>	ɔʔ	oʔ	ok	∅	∅	(1 ex.)
#2	<i>jok</i>	juʔ	juʔ	juʔ	jauʔ	jauk	(3 exx.)

38.1 *jok:ɔʔ:oʔ:ok:∅:∅*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2622 (“the stone”)	<i>kyo₂k⁴</i>	<i>laŋ³¹koʔ⁵⁵</i>	<i>luʔ⁵⁵koʔ⁵⁵</i>	<i>luʔ²¹kok²¹</i>	∅	∅

38.2 *jok:juʔ:juʔ:juʔ:jauʔ:jauk*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2670 (“the monkey”)	<i>myo₂k⁴</i>	<i>nuʔ⁵⁵</i>	<i>juʔ⁵⁵</i>	<i>mjuʔ²¹</i>	<i>mjauʔ³¹</i>	<i>mjauk³¹</i>
411 (“to scratch”)	<i>a¹yāḥ³</i>	∅	∅	∅	∅	∅
2631 (“the ladle”)	<i>phyo₂k⁴</i> <i>yo₂k⁴ma¹</i>	∅	∅	∅	∅	∅

Old Burmese “*jɔŋ*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	<i>jɔŋ</i>	<i>zɔŋ</i>	<i>zɔŋ</i>	<i>juŋ</i>	<i>jauŋ</i>	<i>jauŋ</i> (5 exx.)

39.1 *jɔŋ:zɔŋ:zɔŋ:juŋ:jauŋ:jauŋ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2542 (“to cough”)	<i>khyo₂ñḥ³</i> <i>chuiṽḥ³</i>	<i>khzɔŋ³¹</i> <i>tṣhau³¹</i>	<i>khzɔŋ³¹</i> <i>tṣhau³¹</i>	<i>khjuŋ²¹</i> <i>tsau²¹</i>	<i>khjauŋ³⁵</i> <i>tau³¹tau³¹</i> <i>kjauŋ³⁵</i>	<i>khjauŋ³⁵</i> <i>tsuk⁵⁵</i> <i>kjauŋ³⁵</i>
2060 (“chisel / bore (a hole) (v.)”)	∅	∅	∅	∅	<i>mjauŋ³¹</i>	<i>mjauŋ³⁵</i>
2904 (“tired”)	∅	∅	∅	∅	∅	∅
2905 (“tired”)	<i>ño₂ñḥ³</i>	∅	∅	∅	∅	∅
694 (“damaged, be (house) / cave in (v.)”)	∅	∅	<i>tzɔŋ³¹</i>	∅	∅	∅

Old Burmese “k”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	k	k	k	k	k	k	(34 exx.)
#2	k	Ø	Ø	Ø	Ø	Ø	(1 ex.)

40.1 **k:k:k:k:k**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
245 (“horizontal”)	kan [?] lan [?]	Ø	Ø	Ø	Ø	Ø
247 (“to bite”)	kuik	Ø	Ø	Ø	Ø	Ø
271 (“to play”)	ka ¹ cāḥ ³	Ø	Ø	Ø	Ø	Ø
273 (“to hold”)	ko ₂ ñ	Ø	Ø	Ø	Ø	Ø
329 (“the lake”)	kan	Ø	Ø	Ø	Ø	Ø
357 (“good”)	cāḥ ³ luiv ¹ ko ₂ ñ ³ sañ ²	Ø	Ø	Ø	Ø	Ø
363 (“paste / stick / glue (v.)”)	kap ⁴	Ø	Ø	Ø	Ø	Ø
496 (“prize / pry (v.)”)	ko ₂ ²	Ø	Ø	Ø	Ø	Ø
2030 (“bloated, feel (of the stomach) (v.)”)	kai ²	Ø	Ø	Ø	Ø	Ø
2043 (“broken, be (bowls) (v.)”)	koi ³	Ø	Ø	Ø	Ø	Ø
2051 (“chat (v.)”)	kan ²	Ø	Ø	Ø	Ø	Ø
2178 (“gnaw / nibble (v.)”)	kok ⁴	Ø	Ø	Ø	Ø	Ø
2262 (“rely / lean on (v.)”)	a ³ kuiv ³	Ø	Ø	Ø	Ø	Ø
2416 (“blind, be (v.)”)	a ¹ kan ³	Ø	Ø	Ø	Ø	Ø
2494 (“the crow”)	kyi ³ kanḥ ³	Ø	Ø	Ø	Ø	Ø
2621 (“the kidney”)	kyo ₂ k ⁴ kap ⁴	Ø	Ø	Ø	Ø	Ø
341 (“to fight”)	a ¹ ka ¹	tek ⁵⁵ ko ³¹	ta ³⁵ ko ³⁵	mǎ ²¹ khon ⁵¹	mǎ ³¹ khon ⁵⁵	mǎ ³¹ khon ⁵⁵
417 (“nine”)	kuivḥ	kau ³¹	kau ³¹	ko ⁵⁵ kau ²¹	ka ⁵⁵ kau ³¹	ko ⁵⁵ kuk ³¹
259 (“the spider”)	Ø	kuṅ ³¹ kai ³⁵	koṅ ³¹ kau ⁵⁵	a ⁵⁵ kaṅ ²¹	p ^h ₁ ³¹ kō ³¹	p ^h _j ³¹ kō ³⁵
455 (“middle”)	Ø	zai ⁵⁵ ni ³¹ kuṅ ⁵⁵	a ³¹ koṅ ⁵⁵	ṅji ⁵⁵ kuṅ ⁵¹ tu ²¹	vǎ ³¹ kaṅ ³¹	vǎ ³¹ kaṅ ³⁵
73 (“thick”)	Ø	kan ³¹	kan ³⁵	Ø	Ø	Ø
807 (“the chin”)	Ø	pha ³¹ kəṅ ³⁵	phǎ ³¹ kəṅ ³⁵	Ø	Ø	Ø
2097 (“deaf, be (v.)”)	Ø	kəṅ ³¹	kəṅ ³¹	Ø	Ø	Ø
2101 (“difficult”)	Ø	ko ³¹	n ³¹ ko ³¹	Ø	Ø	Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2397 (“the bed”)	ku ¹ tañ ²	ku ³⁵	ku ³⁵	ku ⁵⁵	∅	∅
2940 (“to cross (a river)”)	riy ² ku ³	∅	∅	ku ²¹	ku ³¹	kau ³⁵
570 (“the rainbow”)	∅	∅	∅	vo ²¹ kan ²¹ fiŋ ⁵⁵ jaŋ ²¹ ko ²¹	ya ²¹ kẽ ³¹ saŋ ⁵⁵ njuŋ ⁵⁵ ka ²¹	ɣo ²¹ kaŋ ³⁵ saŋ ³¹ ŋjɔ ³¹ ko ²¹
3044 (“to split”)	∅	∅	∅	∅	∅	∅
561 (“the spider”)	pañ ² kū	∅	koŋ ³¹ kau ⁵⁵	∅	∅	∅
32 (“the bean”)	∅	kă ³¹ tshə ³⁵	∅	∅	kă ³¹ na ²¹	∅
558 (“the armpit”)	∅	kă ³¹ liŋ ³⁵ tsh ^h ua ²¹	∅	kă ²¹ tʃok ⁵⁵ k ^h oŋ ²¹	∅	∅
2493 (“the crow”)	∅	∅	kak ⁵⁵	∅	∅	kə ²¹ no ²¹
2828 (“the trunk (of a tree)”)	∅	∅	∅	∅	sak ⁵⁵ kẽ ⁵⁵	sak ⁵⁵ kẽ ³¹
3111 (“turn over (on bed) (v.)”)	∅	∅	∅	kuŋ ⁵¹ phu ²¹	∅	kaŋ ³¹ phauk ⁵⁵

40.2 **k:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2823 (“the testicles”)	guy ³ ce ¹	∅	∅	∅	∅	∅

Old Burmese “**kj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	kj	k	k	k	∅	∅	(1 ex.)
#2	kj	tɕ	ɕ	k	k	k	(5 exx.)
#3	kj	kz̥	x	kj	kj	∅	(2 exx.)
#4	kj	∅	∅	∅	∅	∅	(1 ex.)

41.1 **kj:k:k:k:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2622 (“the stone”)	kyo ₂ k ⁴	laŋ ³¹ ko ¹ ʔ ⁵⁵	lu ^{ʔ55} ko ¹ ʔ ⁵⁵	lu ^{ʔ21} kok ²¹	∅	∅

41.2 **kj:tɕ:ɕ:k:k:k**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
319 (“good”)	yo ₂ k ⁴ kyāḥ ³	i ³¹ tɕi ⁵⁵	ju ^{ʔ31} ɕɕ ⁵⁵	ju ^{ʔ21} ke ⁵¹ tso ²¹	jau ^{ʔ31} kai ⁵⁵	jauk ³¹ kai ³¹
312 (“narrow”)	kyanḥ	∅	∅	∅	∅	∅
2474 (“the clothes”)	aŋ ³ kyi ²	∅	∅	∅	∅	∅
2496 (“the crow”)	kyi ³ kanḥ ³	∅	∅	∅	∅	∅
2767 (“the snail”)	kha ¹ ru ¹ pak ⁴	∅	∅	∅	∅	∅
	kyi ¹					

41.3 **kj:kz̥:x:kj:kj:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
576 (“late”)	no ₂ kkyā	∅	∅	t ^h aŋ ⁵¹ kjo ⁵⁵	t ^h ɕ ⁵⁵ kja ³⁵	∅
2046 (“called, be / named (v.)”)	∅	kz̥ə ⁵⁵	xɣ ⁵⁵	vut ²¹ kji ⁵¹ tʃhe ^{ʔ55}	∅	∅

41.4 **kj:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
684 (“the ginger”)	gyān ³	∅	∅	∅	∅	∅

Old Burmese “**kl**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	kl	∅	∅	∅	∅	∅	(1 ex.)

42.1 **kl:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
241 (“the tiger”)	klah ³	∅	∅	∅	∅	∅

Old Burmese “**kr**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	kr	kz _ɿ	kz _ɿ	v	ɣ	ɣ	(3 exx.)
#2	kr	kz _ɿ	kz _ɿ	kj	kj	kj	(10 exx.)
#3	kr	kz _ɿ	k	kj	kj	kj	(2 exx.)
#4	kr	kz _ɿ	k	ʔk	ʔk	ɣ	(7 exx.)

43.1 **kr:kz:kz:v:ɣ:ɣ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2460 (“the chicken”)	krak ⁴	kzuaʔ ⁵⁵	kzɔʔ ⁵⁵	voʔ ²¹	yaʔ ³¹ pha ³⁵	ɣɔʔ ³¹
4 (“the mouse or rat”)	kro ₁ k	kzɔʔ ⁵⁵	kzɔʔ ⁵⁵	∅	ɣɔʔ ³¹ naʔ ³¹	ɣuk ³¹ nɔʔ ³¹
2014 (“bark (v.)”)	∅	kzap ⁵⁵	kzap ⁵⁵	vap ²¹	ɣeʔ	ɣeʔ ³¹

43.2 **kr:kz:kz:kj:kj:kj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
299 (“to hear”)	kräh ³	kzua ³¹	kzɔ ³¹	kjo ²¹	kja ³¹	kjo ³⁵
146 (“cold (of temperature)”)	∅	kzuat ⁵⁵	kzɔt ⁵⁵	kjoʔ ²¹	kjaʔ ³¹	kjoʔ ³¹
2909 (“to be afraid”)	kro ₂ k ⁴	∅	∅	kjuʔ ²¹	kjauʔ ³¹	kjauk ³¹
522 (“hard”)	∅	kzak ⁵⁵	kzak ⁵⁵	∅	∅	∅
2055 (“chat (v.)”)	∅	kzai ⁵⁵ tsi ³¹	kzai ⁵⁵	∅	∅	∅
2177 (“gnaw / nibble (v.)”)	∅	kzat ⁵⁵	kzat ⁵⁵	∅	∅	∅
2888 (“the winter”)	∅	∅	kzɔt ⁵⁵ mr ⁵⁵	kjoʔ ²¹ mjo ²¹	kjaʔ ³¹ mja ⁵⁵	kjoʔ ³¹ mjo ³¹
2973 (“to land / descend”)	∅	∅	∅	kjo ⁵⁵	kja ³⁵	kjo ⁵⁵
2069 (“collapse / cave in / fall down (v.)”)	∅	∅	∅	∅	kjəʔ ³¹	kjəʔ ³¹
2694 (“the pestle”)	∅	∅	∅	thuŋ ⁵¹ kji ³³	tʃh ⁵³ kji ⁵⁵	∅

43.3 **kr:kz:k:kj:kj:kj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2817 (“the tendon (sinew)”)	a ¹ kro ₂ ³	a ³¹ kzɔ ³¹	ku ³¹	ʃɔ ²¹ kji ²¹	ʃa ³⁵ kji ³¹	ʃɔ ³⁵ kji ³¹
566 (“late”)	∅	∅	kum ⁵⁵	∅	∅	kjam ³¹

43.4 **kr:kz:k:ʔk:ʔk:ɣ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
78 (“big”)	kriḥ	tchet ⁵⁵ kzə ³¹	ku ³¹	kə ²¹	kə ³⁵	yə ³⁵
376 (“the rope”)	kruivḥ ³	∅	∅	∅	∅	∅
709 (“the star”)	kray	∅	∅	∅	∅	∅
2375 (“the banana”)	phi ³ kram ³	∅	∅	∅	∅	∅
2914 (“to belch”)	kruiv ¹ thuiivḥ ³	∅	∅	∅	∅	∅
457 (“to play”)	∅	∅	∅	ŋji ⁵¹ kun ⁵⁵	khə ³⁵ kən ³¹	∅
2322 (“splash / sprinkle (v.)”)	∅	kzən ³¹	∅	∅	∅	∅

Old Burmese “**k^h**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	k^h	x	x	k^h	tʃ^h	k^h	(1 ex.)
#2	k^h	x	x	k^h	k^h	k^h	(23 exx.)
#3	k^h	Ø	f	k	k^h	k^h	(1 ex.)
#4	k^h	x	f	k^h	k^h	k^h	(3 exx.)
#5	k^h	k	k	k	k	k	(2 exx.)
#6	k^h	Ø	x	ʔk	ʔk	ʔk	(4 exx.)
#7	k^h	tɕ^h	ts	k^hj	k	Ø	(2 exx.)

44.1 **k^h:x:x:k^h:tʃ^h:k^h**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
343 (“the smoke”)	khuiwḥ³	ni³¹xau³¹	ṇi³¹xau³¹	mji²¹khau²¹	tʃhi³⁵	mji²¹khuk⁵⁵

44.2 **k^h:x:x:k^h:k^h:k^h**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
253 (“the ice”)	riykhai	Ø	Ø	Ø	Ø	Ø
335 (“seven”)	khunac	Ø	Ø	Ø	Ø	Ø
731 (“fetch / draw (water) (v.)”)	riy²khap⁴	Ø	Ø	Ø	Ø	Ø
2009 (“assess / estimate (v.)”)	kham¹ mhan³	Ø	Ø	Ø	Ø	Ø
2047 (“called, be / named (v.)”)	kho²	Ø	Ø	Ø	Ø	Ø
2102 (“difficult”)	khak⁴	Ø	Ø	Ø	Ø	Ø
2283 (“shake / quake (v.)”)	tun²khā²	Ø	Ø	Ø	Ø	Ø
2351 (“the animal oil”)	ut⁴khai³	Ø	Ø	Ø	Ø	Ø
2510 (“the door”)	tai²khāḥ³	Ø	Ø	Ø	Ø	Ø
2535 (“the eyebrow”)	myak⁴ khui³muy³	Ø	Ø	Ø	Ø	Ø
2610 (“the horn (woodwind)”)	kha¹ru¹pak⁴ kyi¹	Ø	Ø	Ø	Ø	Ø
380 (“to steal”)	khuiwḥ	xau³¹	xau³¹	khau²¹	khau³¹	khuk⁵⁵
545 (“bitter”)	kha³	xɔ³¹	xɔ³¹	i²¹tʃum²¹ k^ho²¹	kha³⁵	k^hɔ³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2044 (“bunch (of vegetables)”)	∅	∅	∅	khan ²¹	khε ³⁵	khəŋ ³⁵
2176 (“gnaw / nibble (v.)”)	∅	∅	∅	khe ²¹	khai ³⁵	khai ³⁵
2508 (“the door”)	∅	∅	∅	khum ²¹	kham ³⁵	kham ³⁵
2548 (“the fly”)	∅	∅	∅	jaŋ ⁵¹ khuj ²¹	jɔ̃ ⁵⁵ khauj ³¹	jɔ̃ ³¹ khauj ³⁵
2839 (“the valley”)	∅	∅	∅	vui ⁵¹ khuj ²¹	lɔ̃ ³¹ khauj ³⁵	lɔ̃ ³⁵ khauj ²¹
638 (“inside”)	∅	a ³¹ xau ⁵⁵	a ³¹ xau ⁵⁵	a ²¹ k ^h au ⁵¹	a ³¹ k ^h au ⁵⁵	a ³¹ k ^h uk ³¹
611 (“the shoulder”)	pakhumḥ	xuŋ ³¹ pau ³¹	∅	∅	∅	∅
663 (“the hoof”)	khō ₁	te ^h ⁵⁵ xo ⁵⁵	∅	∅	∅	∅
178 (“where”)	∅	∅	xɔ ³¹ ɔ ³¹	kha ⁵¹ ma ⁵⁵	khak ⁵⁵ jau ³¹	∅
181 (“to dig”)	∅	∅	∅	khai ²¹	khø ³¹	∅

44.3 **k^h:∅: f: k: k^h: k^h**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
833 (“the roof”)	im ² kho ₂ ñ ² muivḥ ³	∅	fuŋ ⁵⁵ luŋ ³¹	mau ²¹ khuj ⁵¹	mau ³¹ khauj ⁵⁵	jam ³¹ khauj ³¹

44.4 **k^h: x: f: k^h: k^h: k^h**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
198 (“the dog”)	mliykhuyḥ	pum ⁵⁵ xui ³¹	pum ⁵⁵ fui ³¹	vam ⁵¹ k ^h ui ²¹	mjaŋ ⁵⁵	mjaŋ ³¹ k ^h a ³⁵
489 (“the flea”)	∅	∅	fu ³¹ lai ³¹	mo ⁵⁵ k ^h ε ⁵⁵ lai ²¹	k ^h ui ³⁵ k ^h ε ³¹ lui ³⁵	k ^h ε ³¹ la ³⁵
723 (“horizontal”)	∅	xaj ³¹	a ³¹ faŋ ³¹	∅	∅	∅

44.5 **k^h: k: k: k: k: k**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2106 (“divide / share (things) (v.)”)	muivḥ ³ ma ¹ kha ¹	∅	∅	thaŋ ²¹ mo ⁵⁵ kam ⁵¹	yəi ⁵⁵ pε ⁵⁵ tu ³¹ kε ⁵⁵	kε ³¹
282 (“the head”)	kho ₂ ñḥ ³	ni ³¹ kuaŋ ³¹	u ³¹ kəŋ ³¹	∅	∅	∅

44.6 **k^h: ∅: x: ?k: ?k: ?k**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
117 (“the branch”)	akhak ⁴	∅	ɕuik ⁵⁵ xɔ ³¹ ʔ ⁵⁵	∅	sak ⁵⁵ ka ³¹ ʔ ⁵⁵	sak ⁵⁵ kɔ ³¹ ʔ ⁵⁵
677 (“left”)	∅	∅	∅	∅	la ³¹ kauj ³⁵	lɔ ³¹ kauj ³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3093 (“to weave (a basket)”) 483 (“the lip (the lips)”)	\emptyset	\emptyset	\emptyset	\emptyset	$k\epsilon^h t^{55}$	kat^{55}
	\emptyset	\emptyset	\emptyset	$\text{ʃ}\ddot{o}^{21}ku^{?55}$	$\text{ʃ}\ddot{a}^{35}kau^{?55}$	$nat^{55}kauk^{55}$

44.7 $k^h:t\epsilon^h:ts:k^hj:k:\emptyset$

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2503 (“the day”) 853 (“to spit”)	niy^1khanh^3	\emptyset	$nai^{35}tsin^{35}$	$\eta ji^{55}khjui^{55}$	$\eta ji^{35}kau\eta^{31}$	\emptyset
	\emptyset	$tcho^{31}$	$t\epsilon\epsilon^{35}$	\emptyset	\emptyset	\emptyset

Old Burmese “*k^hj*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>k^hj</i>	<i>xz_ɿ</i>	<i>c^h</i>	<i>k^hj</i>	<i>k^hj</i>	<i>k^hj</i>	(1 ex.)
#2	<i>k^hj</i>	<i>k^hz_ɿ</i>	<i>k^h</i>	<i>k^hj</i>	<i>k^hj</i>	<i>k^hj</i>	(1 ex.)
#3	<i>k^hj</i>	<i>tɕ^h</i>	<i>tʂ^h</i>	<i>tʃ^h</i>	<i>tʃ^h</i>	<i>tʃ^h</i>	(4 exx.)
#4	<i>k^hj</i>	<i>k^hz_ɿ</i>	<i>k^hz_ɿ</i>	<i>k^hj</i>	<i>k^hj</i>	<i>k^hj</i>	(10 exx.)
#5	<i>k^hj</i>	∅	∅	<i>tʃ^h</i>	<i>tʃ^h</i>	<i>ts^h</i>	(1 ex.)
#6	<i>k^hj</i>	<i>tɕ</i>	<i>ts^h</i>	<i>ʔtʃ</i>	<i>ʔtʃ</i>	<i>ʔtʃ</i>	(6 exx.)
#7	<i>k^hj</i>	<i>x</i>	<i>k</i>	<i>k^h</i>	<i>k^h</i>	<i>k^h</i>	(3 exx.)
#8	<i>k^hj</i>	<i>tɕ</i>	<i>tʂ</i>	<i>ʔtʃ</i>	<i>ʔtʃ</i>	<i>tʃ</i>	(3 exx.)
#9	<i>k^hj</i>	<i>x</i>	<i>ç</i>	∅	<i>kj</i>	<i>kj</i>	(2 exx.)

45.1 *k^hj:xz_ɿ:c^h:k^hj:k^hj:k^hj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2279 (“sew (up) (v.)”)	<i>ap⁴khyup⁴</i>	<i>xzɔp⁵⁵</i>	<i>chup⁵⁵</i>	<i>khjup⁵⁵</i>	<i>khjap⁵⁵</i>	<i>khjap⁵⁵</i>

45.2 *k^hj:k^hz_ɿ:k^h:k^hj:k^hj:k^hj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2826 (“the thread”)	<i>khyañ²</i>	<i>khzəŋ⁵⁵</i>	<i>khuuŋ⁵⁵</i>	<i>khjiŋ⁵¹</i>	<i>khjaŋ⁵⁵</i>	<i>kjhaŋ³¹</i>

45.3 *k^hj:tɕ^h:tʂ^h:tʃ^h:tʃ^h:tʃ^h*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2332 (“tasty / delicious”)	<i>khjuiv²</i>	<i>tɕhau⁵⁵</i>	<i>tʂhau⁵⁵çei³⁵</i>	<i>tʃhui²¹</i>	<i>tʃhu⁵⁵</i>	<i>tʃhuk³¹</i>
2576 (“the ginger”)	∅	<i>tɕhaŋ³¹</i>	<i>tʂhaŋ³¹</i>	<i>tʃhaŋ²¹</i>	<i>tʃhɔ̃³⁵</i>	<i>tʃhɔ̃³⁵</i>
2676 (“the navel”)	∅	<i>tɕhi³¹tɔ̃⁵⁵</i>	<i>tʂhɔ̃⁵⁵</i> <i>thoŋ³¹</i>	<i>tʃho⁷⁵⁵</i>	<i>tʃha⁷⁵⁵</i>	<i>tʃho⁷⁵⁵</i>
2448 (“the buttocks”)	∅	<i>tɕhi³¹tuŋ³¹</i>	∅	<i>tʃhi⁵⁵um⁵¹</i>	<i>tʃhau⁷⁵⁵</i> <i>pauŋ⁵⁵</i>	<i>tʃhau⁷⁵⁵</i> <i>pau³¹</i>

45.4 *k^hj:k^hz_ɿ:k^hz_ɿ:k^hj:k^hj:k^hj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2304 (“snap / break (a stick) (v.)”)	khyuiv ³	khzau ³¹	khzau ³¹	khjui ²¹	khju ³⁵	khjuk ⁵⁵
2542 (“to cough”)	khyo ₂ nh ³ chui _v h ³	khzɔŋ ³¹ tʂhau ³¹	khzɔŋ ³¹ tʂhau ³¹	khjuŋ ²¹ tsau ²¹	khjaun ³⁵ tau ³¹ tau ³¹	khjaun ³⁵ tsuk ⁵⁵
297 (“smooth”)	khyo ₂ ³	∅	∅	∅	∅	∅
839 (“the navel”)	khyat ⁴	∅	∅	∅	∅	∅
2949 (“to ferment”)	a ¹ khyan ² pho ₂ k ⁴	∅	∅	∅	∅	∅
2984 (“to love”)	khyat ⁴	∅	∅	∅	∅	∅
385 (“the horn (keratinized skin)”)	khyuiw	∅	∅	∅	khju ⁵⁵	khjuk ³¹
3020 (“to shave”)	∅	khzɔt ³⁵	khzɔt ⁵⁵	∅	khjɔt ⁵⁵	khjat ⁵⁵
485 (“the sparrow”)	∅	∅	∅	tʃo ⁵¹ k ^h jan ⁵⁵	tʃɔŋ ³¹ k ^h ɔŋ ³⁵	tʃɔŋ ³¹ k ^h ɔŋ ⁵⁵
231 (“the ear”)	∅	∅	∅	∅	nə ³¹ khj ⁵⁵	nə ³¹ khjɛ ⁷⁵⁵

45.5 *k^hj:∅:∅:ʃ^h:ʃ^h:ts^h*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2235 (“pare / peel with a knife (v.)”)	khjuin ²	∅	∅	tʃhun ⁵¹	tʃhɔn ⁵⁵	tshum ³¹

45.6 *k^hj:tʂ:ts^h:ʔtʃ:ʔtʃ:ʔtʃ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2306 (“sour”)	khyan ²	∅	tshen ⁵⁵	tʃin ⁵¹	tʃɔn ⁵⁵	tʃin ³¹
96 (“to push”)	∅	∅	∅	tʃun ²¹	tʃɔn ³⁵	tʃum ³⁵
764 (“narrow”)	∅	∅	∅	tʃap ⁵⁵	tʃɛ ⁷⁵⁵	tʃɛ ⁷⁵⁵
2325 (“suck (v.)”)	∅	tʂɔp ⁵⁵	∅	tʃup ⁵⁵	tʃap ⁵⁵	tʃap ⁵⁵
143 (“the cloud”)	∅	∅	∅	∅	tʃam ⁵⁵	tʃam ³¹ thɔi ³⁵
648 (“the bud”)	∅	∅	∅	∅	pɛ ³¹ tʃam ³⁵	pəŋ ³⁵ tʃam ³¹

45.7 *k^hj:x:k:k^h:k^h:k^h*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2146 (“fetch / draw (water) (v.)”)	∅	xam ⁵⁵	ti ⁵⁵ kr ⁵⁵	ɿ ⁵⁵ tʃam ²¹ kham ⁵¹	ɣəi ⁵⁵ khɛ ⁵⁵	ɣək ³¹ khɛ ³¹
2774 (“the dance”)	si ² khyanh ³	∅	∅	mə ²¹ khon ⁵¹	mə ³¹ khɔn ⁵⁵	mə ³¹ khɔn ⁵⁵
612 (“the armpit”)	khyo ₁ nh ³	∅	∅	kä ²¹ tʃok ⁵⁵ k ^h oŋ ²¹	∅	∅

45.8 *k^hj:tʂ:tʂ:²tʃ:²tʃ:tʃ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2035 (“borrow (money) (v.)”)	khyiy ³	∅	∅	tʃi ²¹	tʃi ³⁵	tʃik ⁵⁵
2426 (“the brick”)	∅	tʂuan ³¹	tʂuan ⁵⁵	∅	tʃɔn ³⁵	tʃɔn ³⁵
65 (“near”)	∅	∅	∅	tʃaŋ ⁵⁵	tʃɔ ³⁵	tʃɔ ³⁵

45.9 *k^hj:x:ç:∅:kj:kj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2328 (“sweat”)	khyuy ³	a ³¹ xə ³⁵	∅	∅	pau ³¹ kjə ³⁵	pau ³¹ kjə ³⁵
139 (“the cloud”)	∅	xan ³¹ zai ⁵⁵	çan ⁵⁵ cin ³¹	∅	∅	∅

Old Burmese “**k^hl**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	k^hl	tɕ^h	k^h	k^hj	k^hj	k^hj	(1 ex.)

46.1 **k^hl:tɕ^h:k^h:k^hj:k^hj:k^hj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2531 (“the excrement”)	khliy³	tɕhi³¹	khui³¹	khji²¹pham²¹	khji³⁵	khjik⁵⁵

Old Burmese “**k^hr**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	k^hr	tɕ^h	c^h	k^hj	k^hj	k^hj	(1 ex.)
#2	k^hr	xz̥	c^h	k^hj	k^hj	k^hj	(2 exx.)
#3	k^hr	ts	k^hz̥	ʔkj	ʔkj	ʔkj	(4 exx.)

47.1 **k^hr:tɕ^h:c^h:k^hj:k^hj:k^hj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
160 (“the ant”)	khriy²tho₂k⁴	te^hi⁵⁵san⁵⁵	chi⁵⁵	khji⁵¹tsu^j²¹	tɔ³¹khji⁵⁵	leŋ⁵⁵khjik³¹

47.2 **k^hr:xz̥:c^h:k^hj:k^hj:k^hj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
403 (“six”)	khro₂k	xz̥o⁷⁵⁵	chu⁷⁵⁵	khju⁷⁵⁵	khjau⁷⁵⁵	khjauk⁵⁵
94 (“to blow (of wind)”)	∅	xz̥au⁷³⁵	∅	khjuⁱ²¹	khju³⁵	khjuk⁵⁵

47.3 **k^hr:ts:k^hz̥:ʔkj:ʔkj:ʔkj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
494 (“the mosquito”)	khrañ	∅	caŋ³¹k^hz̥aŋ⁵⁵	kjaŋ⁵¹	kj̥⁵⁵	kj̥³¹
3065 (“to tell”)	∅	kz̥ai⁵⁵tsi³¹	∅	tai²¹kjo²¹	t̥i³⁵kja³⁵	ta⁵⁵kjo³⁵
213 (“dry”)	khro₂k	∅	∅	∅	kjau⁷⁵⁵	∅
2060 (“chisel / bore (a hole) (v.)”)	∅	∅	∅	∅	kjaun³⁵	kjaun³⁵

Old Burmese “l”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	l	l	l	l	l	l	(45 exx.)
#2	l	l̥	l	l	l	l	(1 ex.)
#3	l	ʎ	-	j	j	j	(1 ex.)
#4	l	-	-	j	-	j	(2 exx.)
#5	l	ʎ	ʎ	j	j	j	(3 exx.)
#6	l	ʎ	l	l	l	l	(7 exx.)
#7	l	l	l	ʎ	l	l	(3 exx.)
#8	l	-	-	j	j	j	(3 exx.)
#9	l	l	l̥	l	l	l	(3 exx.)
#10	l	∅	∅	∅	∅	∅	(1 ex.)

48.1 l:l:l:l:l

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
82 (“to lie down”)	tuñ ³ luñ ³	∅	∅	∅	∅	∅
	lhai ³					
246 (“horizontal”)	kanʎlanʎ	∅	∅	∅	∅	∅
296 (“to burn”)	lo ₂ ñ	∅	∅	∅	∅	∅
327 (“four”)	liy ³ tho ₂ ñ ¹	∅	∅	∅	∅	∅
338 (“the sea”)	pañlay	∅	∅	∅	∅	∅
348 (“to hunt”)	a ¹ mai ³ lok ⁴	∅	∅	∅	∅	∅
412 (“the road”)	lamh ³	∅	∅	∅	∅	∅
654 (“roll (v.)”)	lim ¹	∅	∅	∅	∅	∅
2054 (“chat (v.)”)	liy ² kan ²	∅	∅	∅	∅	∅
2110 (“do / make (v.)”)	lup ⁴	∅	∅	∅	∅	∅
2119 (“easy”)	loy ²	∅	∅	∅	∅	∅
2128 (“exchange (v.)”)	lai ³ lhay ²	∅	∅	∅	∅	∅
2340 (“tasty / delicious”)	cāh ³ luiv ¹	∅	∅	∅	∅	∅
	ko ₂ ñ ³ sañ ²					
2444 (“the butterfly”)	lip ⁴ prā ²	∅	∅	∅	∅	∅
2486 (“the corpse”)	lo ₂ ñh ³	∅	∅	∅	∅	∅
3049 (“to startle / disturb”)	lan ¹ ciy ²	∅	∅	∅	∅	∅
3110 (“turn over (on bed) (v.)”)	lūh ³ lhim ¹	∅	∅	∅	∅	∅
204 (“left”)	lak ⁴ sañh ³	loʎ ⁵⁵ ṣəŋ ³¹	loʎ ⁵⁵ ṣuŋ ³¹	loʎ ²¹ siŋ ²¹	laʎ ³¹ ṣē ⁵⁵	loʎ ³¹ saŋ ³¹
428 (“heavy”)	liy ^h	li ³¹	lai ³¹	lai ²¹	li ³¹	la ³⁵
467 (“the tiger”)	∅	lo ³¹	lō ³¹ mo ³¹	lo ²¹ mo ⁵⁵	la ³¹	lo ³⁵
			mut ³⁵			

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2268 (“roll (v.)”)	∅	liŋ ³⁵	liŋ ³¹	leŋ ²¹	phau ²⁵⁵ laŋ ³⁵	laŋ ⁵⁵ kum ³¹
3077 (“to wait”)	∅	luaŋ ³⁵	lɔŋ ³⁵	laŋ ⁵⁵ to ²¹	lɔ ³⁵ ta ³¹	lɔ ⁵⁵
197 (“the knee”)	∅	∅	∅	∅	pɔt ⁵⁵ lau ²⁵⁵	pat ⁵⁵ lauk ³¹
579 (“hot”)	∅	∅	∅	∅	lauŋ ⁵⁵	lauŋ ³¹
705 (“to lie down”)	∅	∅	∅	∅	laŋ ³⁵	laŋ ³⁵
734 (“fight / vie for (v.)”)	∅	∅	∅	∅	lɔt ⁵⁵ lam ³⁵	lat ⁵⁵
2841 (“the valley”)	∅	∅	∅	∅	lɔ ³¹ khaun ³⁵	lɔ ³⁵ khaun ²¹
2439 (“the buffalo”)	∅	∅	nɔ ³¹ lui ³¹	nɔ ²¹ lui ²¹	nɔ ³¹ lui ³¹	nɔŋ ³⁵ loi ³⁵
2800 (“the stone”)	∅	∅	lu ²⁵⁵ ko ²⁵⁵	lu ²¹ kok ²¹	lau ²³¹ taŋ ³¹	lauk ³¹ tsaŋ ³¹
3010 (“to return”)	∅	∅	lɔ ³⁵	lo ⁵⁵	la ³⁵	lɔ ⁵⁵
58 (“the husband”)	lañ	∅	∅	laŋ ⁵¹	ɣoi ⁵⁵ lɔ ⁵⁵	ɣək ³¹ lɔ ³¹
235 (“the neck”)	lañ	laŋ ³¹ tsəŋ ³¹	∅	∅	laŋ ⁵⁵ taŋ ³¹	laŋ ³¹ tsaŋ ³⁵
702 (“the peanut”)	∅	thu ⁵⁵ lin ⁵⁵	thɔ ³¹ lin ³¹	∅	∅	∅
2012 (“bald”)	∅	liŋ ⁵⁵	liŋ ³⁵	∅	∅	∅
2258 (“raise (chickens) (v.)”)	∅	leŋ ³¹	liŋ ³¹	∅	∅	∅
382 (“the sand”)	∅	sä ³¹ le ⁵⁵	sa ³¹ le ³¹	∅	∅	∅
382 (“the sand”)	∅	sä ³¹ le ⁵⁵	sa ³¹ le ³¹	∅	∅	∅
2161 (“fight / vie for (v.)”)	lu ¹ yak ⁴	∅	lu ³⁵	lu ⁵⁵ lum ²¹	∅	∅
2382 (“bright”)	lañ ³ nuiv ¹	∅	∅	∅	∅	leŋ ³⁵
2562 (“the garlic”)	∅	∅	la ²³¹	∅	la ³¹	la ³¹
2620 (“the kidney”)	∅	nam ³¹ lim ⁵⁵	∅	tjin ⁵⁵ lum ²¹	tɕɔn ³⁵ lam ³¹	∅
3127 (“warm”)	∅	lum ⁵⁵	lum ⁵⁵	∅	lam ⁵⁵	∅
83 (“to lie down”)	lai	∅	∅	le ²²¹	∅	∅
3096 (“to wink”)	∅	∅	∅	lap ²¹	lap ³¹	∅
174 (“one”)	∅	∅	∅	lä ²¹ vui ⁵⁵	∅	∅

48.2 l:l:l:l:l

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
199 (“the wind”)	liy	li ⁵⁵	lai ⁵⁵	lai ⁵¹	li ⁵⁵	la ³¹

48.3 l:z:-j:j:j

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
307 (“full”)	plañ ²	pzəŋ ³⁵	puŋ ³⁵	pjiŋ ⁵⁵	pjaŋ ³⁵	pjaŋ ⁵⁵

48.4 l:-:j:-:j

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
404 (“the earth (soil)”)	mliykhuɣh	mi ⁵⁵	mi ⁵⁵	mji ⁵⁵ tse ²¹	mi ⁵⁵ kauɣ ⁵⁵	mjik ³¹ tsai ³⁵
2689 (“the peanut”)	mliy ² pai ³	∅	∅	mji ⁵¹ nu ²¹	məi ⁵⁵ nau ²³¹	mjik ³¹ nauk ³¹

48.5 **l:ẓ:ẓ:j:j**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
180 (“white”)	phlū	phẓo ⁵⁵	phzu ⁵⁵	phju ⁵¹	phju ⁵⁵	phju ³¹
2359 (“the arrow”)	m ³ la	ṃẓua ³¹	mẓo ³¹	lai ²¹ mjo ²¹	∅	la ³⁵ mjok ³¹
298 (“the river”)	m ⁴ lac	∅	∅	∅	∅	∅

48.6 **l:ẓ:l:l:l**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
402 (“round”)	∅	∅	∅	liɣ ⁵⁵	laɣ ³⁵	laɣ ⁵⁵
491 (“the hail”)	∅	∅	∅	lik ²¹ vo ⁵¹	lak ³¹ γo ⁵⁵	lak ³¹ γu ³¹
2118 (“easy”)	∅	∅	∅	lui ⁵¹	lui ⁵⁵	loi ³¹
2260 (“rely / lean on (v.)”)	∅	∅	∅	lum ⁵¹	lam ⁵⁵	lam ³¹
2551 (“the forehead”)	∅	∅	∅	ŋə ²¹ laɣ ²¹	ŋə ³¹ l̥j̥ ³¹	ŋa ³⁵ l̥j̥ ³¹
2712 (“the plow”)	∅	∅	∅	li ²¹	li ³¹	li ³¹
148 (“to come”)	lā	ẓə ³⁵	l̥o ⁵⁵	le ⁵⁵	la ⁵⁵	li ⁵⁵

48.7 **l:l:l:l:l**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
430 (“above”)	nhaluṃh ³	ŋa ⁵⁵ lum ³¹	ŋo ²³¹ lum ³¹	nik ⁵⁵ lum ²¹	nak ⁵⁵ lam ³¹	nak ⁵⁵ lam ³⁵
453 (“the head”)	∅	∅	∅	u ²¹ lum ²¹	u ³⁵ lam ³¹	au ³⁵ lam ³⁵
842 (“the snake”)	∅	∅	∅	laɣ ⁵¹ mui ⁵¹	l̥s̥ ⁵⁵ m̥o ⁵⁵	l̥j̥ ³¹ m̥oi ³¹

48.8 **l:-:j:j**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2531 (“the excrement”)	khliy ³	tchi ³¹	khui ³¹	khji ²¹ pham ²¹	khji ³⁵	khjik ⁵⁵
241 (“the tiger”)	klāh ³	∅	∅	∅	∅	∅
338 (“the sea”)	pañlay	∅	∅	∅	∅	∅

48.9 **l:l:l:l:l**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2360 (“the arrow”)	liy ³	∅	xo ³¹ l̥ai ³⁵	lai ²¹	li ³¹	la ³⁵
114 (“the moon”)	laʔ	phă ³¹ l̥ɔʔ ³¹	pau ⁵⁵ l̥ɔ ³¹	∅	∅	∅
232 (“yellow”)	∅	ləŋ ³⁵	l̥uŋ ³⁵	∅	∅	∅

48.10 l:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
682 (“the wolf”)	wam ² pu ¹ luy ²	∅	∅	∅	∅	∅

Old Burmese “**la**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	la	zua	zɔ̄	jo	ɔ̄	jɔk	(2 exx.)
#2	la	ɔ	ɔ	a	ǎ	ǎ	(3 exx.)

49.1 **la:zua:zɔ̄:jo:ɔ̄ ~ :jɔk**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2359 (“the arrow”)	m^la³	m^zua³¹	m^zɔ̄³¹	lai²¹m^jo²¹	∅	la³⁵m^jɔk³¹
532 (“morning”)	∅	∅	∅	nap²¹k^jo⁵⁵	nɛɾ³¹k^{ɔ̄}⁵⁵	∅

49.2 **la:ɔ̄:ɔ̄:a:ǎ:ǎ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
130 (“we [first person plural inclusive]”)	∅	ɲɔ̄⁵⁵tuɾ³¹	ɲɔ̄⁵⁵tu³⁵	ɲa⁵⁵moɾ⁵⁵	ɲǎ⁵⁵maɾ³¹	ɲǎ³¹nauɲ⁵⁵
121 (“the son-in-law”)	∅	∅	∅	∅	tǎ³¹maɾ⁵⁵	tsǎ³⁵moɾ³¹
241 (“the tiger”)	klah³	∅	∅	∅	∅	∅

Old Burmese “*laɰ*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>laɰ</i>	∅	∅	∅	∅	∅	(1 ex.)

50.1 *laɰ:∅:∅:∅:∅:∅*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
338 (“the sea”)	<i>paɰlay</i>	∅	∅	∅	∅	∅

Old Burmese “*lan*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	lanⁱ	zəŋ	uŋ	jiŋ	jaŋ	jaŋ	(3 exx.)

51.1 *lanⁱ:zəŋ:uŋ:jiŋ:jaŋ:jaŋ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
307 (“full”)	plañ?	pzəŋ³⁵	puuŋ³⁵	pjiŋ⁵⁵	pjaŋ³⁵	pjaŋ⁵⁵
521 (“the thunder”)	∅	∅	∅	mau²¹mjiŋ⁵¹	mau³¹	∅
598 (“the wolf”)	∅	∅	∅	∅	mjaŋ⁵⁵ mjaŋ⁵⁵ k^hu³⁵	mjaŋ³¹k^ha³⁵

Old Burmese “**lats**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	lats	∅	∅	∅	∅	∅	(1 ex.)

52.1 **lats:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
298 (“the river”)	mlac⁴	∅	∅	∅	∅	∅

Old Burmese “*lij*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	lij	i	i	ji	i	jik	(1 ex.)
#2	lij	i	u	ji	ji	jik	(1 ex.)
#3	lij	∅	∅	ji	əj	jik	(1 ex.)

53.1 ***lij:i:i:ji:i:jik***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
404 (“the earth (soil)”)	mliykhuɣh	mi ⁵⁵	ṃi ⁵⁵	mji ⁵⁵ tse ²¹	mi ⁵⁵ kaʉ ⁵⁵	mjik ³¹ tsai ³⁵

53.2 ***lij:i:u:ji:ji:jik***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2531 (“the excrement”)	khliy ³	tchi ³¹	khhu ³¹	khji ²¹ pham ²¹	khji ³⁵	khjik ⁵⁵

53.3 ***lij:∅:∅:ji:əj:jik***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
268g (“the peanut”)	mliy ² pai ³	∅	∅	mji ⁵¹ nu ²¹	məi ⁵⁵ nau ³¹	mjik ³¹ nauk ³¹

Old Burmese “**lj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	lj	z_l	z_l	-	j	j (3 exx.)

54.1 **lj:z_l:z_l:-:jj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2042 (“broken, be (bowls) (v.)”)	∅	kzop⁵⁵	kzop⁵⁵	koʔ²¹	kjøʔ³¹	kjøʔ³¹
416 (“to lick”)	lyak⁴	∅	∅	∅	jaʔ³¹	jɔʔ³¹
596 (“the mud”)	∅	∅	∅	kə⁵⁵na²¹	tsə⁵⁵ŋjaʔ⁵⁵	∅

Old Burmese “**lu**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	lu	zɔ	zu	ju	ju	ju	(1 ex.)

55.1 **lu:zɔ:zu:ju:ju:ju**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
180 (“white”)	phlū	phzɔ ⁵⁵	phzu ⁵⁵	phju ⁵¹	phju ⁵⁵	phju ³¹

Old Burmese “l̥”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	l̥	x	x	ʔ	ʔ	ʔ	(1 ex.)
#2	l̥	l̥	l	ʔ	ʔ	ʔ	(12 exx.)
#3	l̥	∅	∅	∅	∅	l	(1 ex.)

56.1 l̥:x:x:ʔl̥:ʔl̥:ʔl̥

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2417 (“the boat”)	lhiy ²	xə ⁵⁵	xɣ ⁵⁵	lai ⁵¹	li ⁵⁵	la ³¹

56.2 l̥:l̥:l̥:ʔl̥:ʔl̥:ʔl̥

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
792 (“roll (v.)”)	lhim ¹	∅	∅	∅	∅	∅
860 (“to lie down”)	tum ³ lum ³	∅	∅	∅	∅	∅
2022 (“beautiful”)	lhai ³ lha ¹	∅	∅	∅	∅	∅
2126 (“exchange (v.)”)	lai ³ lhay ²	∅	∅	∅	∅	∅
3100 (“to winnow”)	lhiy ¹	∅	∅	∅	∅	∅
3109 (“turn over (on bed) (v.)”)	lūh ³ lhim ¹	∅	∅	∅	∅	∅
490 (“the flea”)	lhiyh ³	li ³¹	fu ³¹ lai ³¹	k ^h ɛ ⁵⁵ lai ²¹	k ^h ɛ ³¹ li ³⁵	k ^h ɛ ³¹ la ³⁵
344 (“to fight”)	∅	∅	∅	pat ²¹ lum ²¹	pɛ ^{ʔ31} lam ³⁵	pɛ ^{ʔ31} lam ³¹
573 (“the moon”)	∅	∅	∅	lo ⁵⁵ mo ⁵⁵	lɛ ³⁵ ma ³¹	lo ⁵⁵
191 (“dirty”)	∅	∅	∅	∅	lu ³⁵	lau ³⁵
691 (“exchange (v.)”)	∅	∅	∅	lu ⁵⁵ lum ²¹	lo ^{ʔ55} lam ³⁵	∅
2868 (“the wheel”)	∅	∅	∅	leŋ ⁵¹	∅	leŋ ⁵⁵ khjik ³¹

56.3 l̥:∅:∅:∅:∅:1

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2085 (“cut (meat) (v.)”)	lhi ³ phyat ⁴	∅	∅	∅	∅	lai ³⁵

Old Burmese “**lj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	lj	ɕ	ç	ʃ	ʃ	ʃ	(2 exx.)

57.1 **lj:ɕ:ç:ʃ:ʃ:ʃ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
112 (“the tongue”)	lhyā	ɕ ⁵⁵	ç ⁵⁵	ʃ ⁵¹	ʃa ⁵⁵	ʃɔ ³¹
3082 (“to wash”)	lhyɔ²	∅	∅	∅	∅	∅

Old Burmese “**m**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	m	m	m	m	m	m	(46 exx.)
#2	m	n	ṅ	mj	m	mj	(1 ex.)
#3	m	nj	n	mj	m	m	(1 ex.)
#4	m	nj	n	mj	m	mj	(4 exx.)
#5	m	m	m	m	m	m	(2 exx.)
#6	m	mj	m	ʔmj	ʔm	ʔmj	(3 exx.)

58.1 **m:m:m:m:m:m**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
283 (“thou [second person singular]”)	mañḥ³	∅	∅	∅	∅	∅
347 (“to hunt”)	a¹mai³lok⁴	∅	∅	∅	∅	∅
664 (“hard”)	mā	∅	∅	∅	∅	∅
751 (“the scar”)	a¹mā²ruit⁴	∅	∅	∅	∅	∅
2113 (“drunk”)	mu³	∅	∅	∅	∅	∅
2394 (“the beard”)	mut⁴chit⁴	∅	∅	∅	∅	∅
2465 (“the chin”)	miy³	∅	∅	∅	∅	∅
2482 (“the cooked rice”)	tha³mañḥ³	∅	∅	∅	∅	∅
2505 (“the deer”)	sa¹mañ²	∅	∅	∅	∅	∅
2557 (“the friend”)	mit⁴chuy²	∅	∅	∅	∅	∅
2630 (“the ladle”)	yo₂k⁴ma¹	∅	∅	∅	∅	∅
2735 (“the willow”)	muivḥ³ma¹	∅	∅	∅	∅	∅
2876 (“the widow”)	kha¹ mu¹chui³	∅	∅	∅	∅	∅
2883 (“the willow”)	ma¹ muivḥ³ma¹	∅	∅	∅	∅	∅
2959 (“to hate”)	kha¹ mun³	∅	∅	∅	∅	∅
201 (“the dream”)	ip⁴mak⁴	it⁵⁵mo^ʔ55	in³¹mo^ʔ55	jup⁵⁵mo^ʔ21	jap⁵⁵ma^ʔ55	jap³¹mo^ʔ31
269 (“cloudy, be (sky) / overcast (v.)”)	muivḥ³	mau³¹zau³¹	mau³¹cau³¹	mau²¹mjiṅ⁵¹	mau³¹mjan⁵⁵	muk⁵⁵kum³¹
2773 (“the son-in-law”)	sa³mak⁴	tsɔ³¹mo^ʔ31	tsɔ³¹mo^ʔ55	tso²¹mo^ʔ55	tă³¹ma^ʔ55	tsɔ³⁵mo^ʔ31
69 (“there”)	∅	∅	∅	xje⁵¹ma⁵⁵	thɔⁱ55mɛ⁵⁵	thø⁵⁵mɛ³¹
173 (“tomorrow”)	∅	∅	∅	na^ʔ21ma⁵⁵	nɛ^ʔ31ma³⁵	nɛ^ʔ31mo⁵⁵
2362 (“the ash”)	∅	∅	∅	mji²¹mop⁵⁵	nɛ^ʔ31 mi³¹map³¹	nɛ^ʔ31 nji³⁵map⁵⁵
2498 (“the dance”)	∅	∅	∅	mă²¹khon⁵¹	mă³¹khɔn⁵⁵	mă³¹khɔn⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2604 (“the hat”)	∅	∅	∅	muʔ ²¹ kjup ⁵⁵	mauʔ ³¹	mauk ³¹
2718 (“the poison”)	∅	∅	∅	mui ²¹	kjap ⁵⁵ mi ³¹ naʔ ⁵⁵	kjap ⁵⁵ mui ³⁵
2873 (“the widow”)	mu ¹ chui ³	meʔ ³¹ maiʔ ³¹	∅	tʃhui ²¹ mo ⁵⁵	tʃhu ³⁵ ma ³¹	tʃhuk ⁵⁵ mo ⁵⁵
24 (“the sun”)	∅	ni ³¹ mo ³¹	n ³¹ mo ³¹	∅	mi ³⁵	∅
540 (“to chew”)	∅	mam ³¹	mam ³¹	∅	∅	∅
2524 (“the west”)	∅	ni ³¹ mo ³¹ oŋ ⁵⁵	n ⁵⁵ mo ⁵¹ oŋ ⁵⁵	∅	∅	∅
2906 (“tired”)	∅	pa ³¹ muai ³¹	pa ³¹ moi ³¹	∅	∅	∅
2183 (“hungry”)	∅	∅	mut ⁵⁵	mut ²¹	vɛ ³¹ moʔ ⁵⁵	moʔ ³¹
2484 (“the corpse”)	∅	∅	tʃu ⁵⁵ moŋ ⁵⁵	maŋ ⁵¹	mo ⁵⁵	mo ⁵¹
772 (“old (aged)”)	∅	muaj ³¹	moŋ ³¹	mjaŋ ²¹	mo ³¹	mo ³⁵
158 (“we [first person plural inclusive]”)	∅	∅	∅	nuŋ ⁵⁵ moʔ ⁵⁵	nauŋ ³¹ maʔ ³¹	∅
617 (“the barley (tibetan or highland)”)	∅	∅	∅	mo ⁵⁵ ja ²¹ sat ⁵⁵	me ³¹ ja ⁵¹	∅
755 (“the moon”)	∅	∅	∅	lo ⁵⁵ mo ⁵⁵	lɛ ³⁵ ma ³¹	∅
525 (“the beard”)	∅	∅	∅	∅	no ⁵⁵ mo ³¹	na ⁵⁵ mo ³¹
760 (“the sand”)	∅	∅	∅	∅	me ⁵⁵ ja ⁵⁵	ma ³¹ fo ³¹
2960 (“to hate”)	∅	∅	∅	∅	mai ³¹	mai ³⁵
2674 (“the mushroom”)	∅	mau ⁵⁵	∅	mau ⁵¹ lu ⁵¹	mau ⁵⁵	muk ³¹
531 (“chat (v.)”)	∅	∅	∅	pe ⁵⁵ miŋ ²¹	∅	pa ⁵⁵ moŋ ³¹
640 (“above”)	∅	∅	∅	miŋ ²¹ o ⁵¹ mai ²¹	∅	o ³¹ me ³¹
195 (“the sickle”)	∅	ni ³¹ moʔ ³¹	ni ⁵⁵ mo ³¹	∅	∅	∅
615 (“the wheat”)	∅	meʔ ³¹ tsɿ ⁵⁵	∅	mo ⁵⁵ ja ²¹	me ³¹ ja ⁵¹	∅
2356 (“the elbow”)	lak ⁴ mo ² ŋ ³	∅	∅	ŋjaŋ ²¹ loʔ ²¹ mun ⁵⁵	∅	∅
2490 (“the cow”)	no ¹ ma ¹	∅	no ³¹ mo ³¹	thuŋ ⁵⁵ tshum ⁵¹	∅	∅
468 (“the tiger”)	∅	∅	lɔ ³¹ mo ³¹	lo ²¹ mo ⁵⁵	∅	∅
			mut ³⁵			

58.2 *m:n:ŋ:mj:m:mj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
194 (“the smoke”)	mi ^h ³	ni ³¹ xau ³¹	ŋi ³¹ xau ³¹	mji ²¹ khau ²¹	mi ³¹	mji ²¹ khuk ⁵⁵

58.3 *m:nj:n:mj:m:m*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
365 (“the name”)	amañ	a ³¹ nɪŋ ⁵⁵	a ³¹ nɪŋ ⁵⁵	mjiŋ ⁵¹	maŋ ⁵⁵	maŋ ³¹

58.4 *m:nj:n:mj:m:mj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
210 (“the wife”)	samiḥ ³	nɪ ³¹ mɔʔ ³¹	ni ⁵⁵ mɔ ³¹	mji ²¹ ve ²¹	mi ³¹ γɛ ³¹	mji ³⁵ γɛ ³⁵
2006 (“ask / question (v.)”)	miy ³	nɪ ³¹	ni ³¹	mji ²¹	məi ³¹	mjik ⁵⁵
2169 (“forget (v.)”)	miy ¹	nɪ ³⁵	ni ⁷⁵⁵ ni ³⁵	∅	∅	∅
2999 (“to remember”)	mhat ⁴ mi ¹	∅	∅	∅	∅	mjik ³¹

58.5 *m:m:m:m:m:m*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
321 (“the beard”)	amuyḥ ³	a ³¹ mui ³¹	ɲɔ ⁷⁵⁵ mui ³¹	ʃö ²¹ mau ⁵⁵	a ³¹ mau ³⁵	ʃö ³⁵ muk ⁵⁵
2257 (“raise (chickens) (v.)”)	muy ³	∅	∅	∅	∅	∅

58.6 *m:mj:m:²mj:²m:²mj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
275 (“the mother”)	amiy	∅	mɛ ³¹	∅	∅	a ⁵⁵ mji ⁵⁵
2167 (“forget (v.)”)	∅	∅	∅	tɔ ²¹ mji ⁵⁵	tǎ ³¹ məi ³¹	tɔ ⁵⁵ mjik ⁵⁵
2107 (“divide / share (things) (v.)”)	∅	mian ³⁵	mɛŋ ³⁵	∅	∅	∅

Old Burmese “mj”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	mj	nj	ɲj	mj	mj	mj (15 exx.)

59.1 mj:nj:ɲj:mj:mj:mj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
222 (“the seed”)	myuivḥ ³ ciy [?]	a ³¹ ɲau ³¹	a ³¹ ɲau ⁵¹	a ²¹ mji ²¹	a ³¹ mjuŋ ³¹	mjuk ⁵⁵
263 (“many”)	myāḥ	ɲɔ ³¹	ɲɔ ³¹	mjo ²¹	mja ³¹	mjɔ ³⁵
265 (“the blind person”)	myak ⁴ nhā ²	ɲɔ [?] 55mui ³¹	ɲɔ [?] 55ɲɔ ⁵⁵	mjo [?] 21toŋ ²¹	mja [?] 31tuŋ ³¹	mjɔ [?] 31 khun ³⁵
2670 (“the monkey”)	myo ₂ k ⁴	ɲu [?] 55	ɲu [?] 55	mju [?] 21	mjau [?] 31	mjauk ³¹
105 (“to float”)	∅	ɲə ³¹	ɲu ³¹	∅	∅	∅
209 (“the woman”)	∅	i ³¹ ɲɔ ³¹	ji ³¹ ɲɔ ³¹	∅	∅	∅
519 (“shy”)	∅	ɲɔ [?] 55si [?] 31	ɲɔ [?] 55sai ³⁵	∅	∅	∅
725 (“today”)	∅	xai ⁵⁵ ɲen ³¹	fu ³¹ ɲen ³¹	∅	∅	∅
846 (“soft”)	∅	ɲɔt ⁵⁵	ɲɔt ³¹	∅	∅	∅
87 (“to think (reflect)”)	∅	∅	∅	mjit ²¹	mjɔt ³¹	∅
521 (“the thunder”)	∅	∅	∅	mau ²¹ mjiŋ ⁵¹	mau ³¹	∅
598 (“the wolf”)	∅	∅	∅	∅	mjaŋ ⁵⁵ mjaŋ ⁵⁵ k ^h ui ³⁵	mjaŋ ³¹ k ^h a ³⁵
2904 (“tired”)	∅	∅	∅	∅	mjaun ³¹	mjaun ³⁵
102 (“to float”)	∅	∅	∅	mju ²¹	mjuŋ ³¹	mjuŋ ³⁵
3054 (“to swallow”)	myuiv ²	∅	∅	∅	∅	mjuk ³¹

Old Burmese “*ml*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ml	m̥z̥	mz̥	mj	∅	mj	(1 ex.)
#2	ml	m	m̥	mj	m	mj	(4 exx.)

60.1 *ml:m̥z̥:mz̥:mj:∅:mj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2359 (“the arrow”)	m̥la³	m̥z̥ua³¹	mz̥o³¹	lai²¹m̥jo²¹	∅	la³⁵m̥jok³¹

60.2 *ml:m̥:m̥:mj:m̥:m̥*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
404 (“the earth (soil)”)	m̥liyk̥huy̥h̥	m̥i⁵⁵	m̥i⁵⁵	m̥ji⁵⁵tse²¹	m̥i⁵⁵kaup̥⁵⁵	m̥jik³¹tsai³⁵
2689 (“the peanut”)	m̥liy²pai³	∅	∅	m̥ji⁵¹nu²¹	m̥əi⁵⁵nau²³¹	m̥jik³¹nauk³¹
20 (“the ant”)	∅	tchi⁵⁵man⁵⁵	chan̥³¹man⁵⁵	∅	∅	∅
298 (“the river”)	m̥lac⁴	∅	∅	∅	∅	∅

Old Burmese “*mr*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	mr	mz _L	mz _L	m	m	m	(1 ex.)
#2	mr	m	m	mj	m	mj	(5 exx.)
#3	mr	mz _L	m	mj	mj	mj	(2 exx.)
#4	mr	mz _L	mz _L	mj	mj	mj	(3 exx.)
#5	mr	mz _L	mz _L	[?]mj	[?]mj	mj	(4 exx.)

61.1 *mr:mz:mz:m:m*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
301 (“the snake”)	mr uy	mz ui ⁵⁵	mz ui ⁵⁵	laj ⁵¹ mui ⁵¹	l ⁵⁵ mø ⁵⁵	l ³¹ møi ³¹

61.2 *mr:m:m:mj:m:mj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
39 (“the tail”)	mr ih ³	∅	∅	ʃō ²¹ mji ²¹	ʃā ³⁵ mi ³¹	ʃō ³⁵ mji ³¹
2400 (“the bee”)	a ¹ mr i ³	∅	∅	ʃō ²¹ mji ²¹	ʃā ³⁵ mi ³¹	ʃō ³⁵ mji ³¹
2581 (“the grandson”)	mr iy ³	mi ³¹ tsə ³¹	mi ³¹	∅	məi ³¹ ta ³¹	mji k ³¹
134 (“four”)	∅	mi ³¹	mi ⁵⁵	mji ²¹ ʃun ⁵¹ tap ²¹	məi ³¹	∅
2812 (“the taste (something)”)	mr añh ³	mi ³¹	∅	∅	∅	∅

61.3 *mr:mz:m:mj:mj:mj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
345 (“the horse”)	mr añh ³	mz aŋ ³¹	∅	mja ŋ ²¹	mj ʃ ³¹	mj ʃ ³⁵
2887 (“the winter”)	∅	∅	kzət ⁵⁵ mr ⁵⁵	kjoʔ ²¹ mjo ²¹	kjaʔ ³¹ mja ⁵⁵	kjoʔ ³¹ mjo ³¹

61.4 *mr:mz:mz:mj:mj:mj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
176 (“to see”)	mr añ	en ³¹ mz aŋ ⁵⁵	mz aŋ ⁵⁵	mja ŋ ⁵¹	mj ʃ ⁵⁵	mj ʃ ³¹
2140 (“fast”)	∅	mz aŋ ⁵⁵	mz aŋ ⁵⁵	∅	∅	∅
2629 (“the knife”)	∅	mz au ³¹	mz au ³¹	∅	∅	∅

6i.5 **mr:m̥z:m̥z:²mj:²mj:mj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
51 (“high / tall”)	mrañ¹	m̥zaŋ⁵⁵	m̥zaŋ⁵⁵	mjaŋ⁵¹	mjṣ⁵⁵	mjṣ³¹
419 (“the grass”)	mrak	∅	∅	∅	∅	∅
2141 (“fast”)	mrān²	∅	∅	∅	∅	∅
2685 (“the north”)	mro₂k⁴	∅	∅	∅	∅	∅

Old Burmese “*mrj*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	mrj	mz_ɿ	m	∅	∅	∅	(1 ex.)

62.1 ***mrj:mz_ɿ:m:∅:∅:∅***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
387 (“the root”)	mryat⁴	mzuat⁵⁵	met⁵⁵	∅	∅	∅

Old Burmese “**m̥**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	m̥	ṁ̥	∅	mj	ʔm	ʔm	(9 exx.)
#2	m̥	mz̥	m	m	m	m	(3 exx.)
#3	m̥	∅	∅	∅	∅	∅	(1 ex.)

63.1 **m̥:ṁ̥:∅:mj:ʔm:ʔm**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
251 (“correct (right)”)	mhan	∅	∅	∅	∅	∅
577 (“the mushroom”)	mhuiv²	∅	∅	∅	∅	∅
592 (“dark”)	mho₂ṁ̥	∅	∅	∅	∅	∅
2008 (“assess / estimate (v.)”)	kham̥¹	∅	∅	∅	∅	∅
3000 (“to remember”)	mhat⁴mi¹	∅	∅	∅	∅	∅
3097 (“to wink”)	mhit⁴	∅	∅	∅	∅	∅
2267 (“ripe”)	mhañ¹	ṁ̥ej³⁵	∅	mjiṁ̥⁵⁵	maṁ̥³⁵	maṁ̥⁵⁵
442 (“the grass”)	∅	∅	∅	∅	mḗ³⁵	maṁ̥³⁵
2534 (“the eyebrow”)	∅	∅	∅	∅	mjaṁ̥³¹	mjaṁ̥³¹
					mauṁ̥⁵⁵	mauṁ̥⁵⁵

63.2 **m̥:mz̥:m:m:m:m**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2663 (“the mole”)	mhai¹	∅	tṣap³¹mi³¹	ṁ̥ḗ⁵⁵me⁵⁵xi⁵⁵	mḗ³¹va³¹	∅
179 (“where”)	∅	∅	∅	kha⁵¹ma⁵⁵	∅	mḗ³¹me³¹
812 (“the road”)	∅	xa⁵⁵mz̥ua³¹	cho⁵⁵m̥o³¹	∅	∅	∅

63.3 **m̥:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2172 (“fragrant”)	mhu³	∅	∅	∅	∅	∅

Old Burmese “mj”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	m̥j	∅	∅	∅	∅	∅	(1 ex.)

64.1 **m̥j:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2642 (“the leech”)	mhyo₂¹	∅	∅	∅	∅	∅

Old Burmese “**mr**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	mr	∅	∅	∅	∅	∅	(1 ex.)

65.1 **mr:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2840 (“the valley”)	lhjuiv ² mhro ₂ i ²	∅	∅	∅	∅	∅

Old Burmese “n”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	n	n	n	n	n	n	(35 exx.)
#2	n	nj	n	ɲj	ʔn	ʔn	(1 ex.)
#3	n	nj	n	n	n	n	(1 ex.)
#4	n	n	n	ɲj	ɲj	n	(3 exx.)
#5	n	nj	n	ɲj	ɲj	n	(2 exx.)
#6	n	n	ɳ	n	n	ʔn	(2 exx.)
#7	n	ɳ	n	n	ʔn	ʔn	(2 exx.)
#8	n	ɲj	ɲj	ɲj	ɲj	ɲj	(3 exx.)

66.1 n:n:n:n:n

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
594 (“late”)	no ₂ kkyā	∅	∅	∅	∅	∅
750 (“morning”)	naṃnak	∅	∅	∅	∅	∅
2298 (“shrivel up / wither (v.)”)	nom ³	∅	∅	∅	∅	∅
2381 (“the bat”)	lañ ³ nuiv ¹	∅	∅	∅	∅	∅
2550 (“the forehead”)	na ¹ phūḥ ³	∅	∅	∅	∅	∅
2760 (“the shoe”)	phi ¹ nap ⁴	∅	∅	∅	∅	∅
2784 (“the spirit (evil) / demon”)	nat ⁴ chuiḥ ³	∅	∅	∅	∅	∅
2861 (“the west”)	a ¹ no ₂ k ⁴	∅	∅	∅	∅	∅
3036 (“to sink”)	nac ⁴	∅	∅	∅	∅	∅
3124 (“wake up (v.)”)	nuivḥ ³	∅	∅	∅	∅	∅
88 (“black”)	nak ⁴ prā ²	∅	noʔ ⁵⁵	nik ⁵⁵ noʔ ²¹	mi ³¹ naʔ ⁵⁵	yuk ³¹ noʔ ³¹
2100 (“deep”)	nak ⁴	∅	n ³¹ nuik ⁵⁵	a ²¹ nik ²¹	naʔ ³¹	mə ³¹ noʔ ³¹
328 (“red”)	nī	na ⁵⁵	na ⁵⁵	ne ⁵¹	ne ⁵⁵	ne ³¹
510 (“early”)	∅	noʔ ⁵⁵	noʔ ⁵⁵	noʔ ²¹	naʔ ⁵⁵	noʔ ⁵⁵
2911 (“to be ill”)	∅	no ⁵⁵	no ⁵⁵	no ⁵¹	na ⁵⁵	no ³¹
406 (“near”)	niḥ	ne ³¹	ne ³¹	∅	∅	∅
2153 (“few”)	nañ ³	nəṃ ³¹	nṃṃ ³¹	∅	∅	∅
172 (“tomorrow”)	∅	p ^{hə} na ⁵⁵ na ⁵⁵	∅	naʔ ²¹ ma ⁵⁵	neʔ ³¹ ma ³⁵	neʔ ³¹ mo ⁵⁵
527 (“morning”)	∅	∅	na ⁵⁵ mo ⁵¹	a ²¹ ṃji ⁵⁵ na ²¹	neʔ ³¹ a ³¹ ṃji ³⁵ neʔ ³¹	neʔ ³¹ a ³¹ ṃji ³¹ neʔ ³¹
2729 (“the rib”)	naṃ ² raṃ ²	∅	∅	naṃ ⁵¹ tʃham ²¹	ne ⁵⁵ tʃhə ³⁵	ne ³¹ tʃhə ³⁵ yuk ⁵⁵
459 (“the ear”)	∅	∅	∅	no ²¹ phjo ²¹	nə ³¹ khj ⁵⁵	nə ³¹ khjeʔ ⁵⁵
2388 (“the bean”)	∅	∅	∅	mji ⁵¹ nuʔ ²¹	məi ⁵⁵ nauʔ ³¹	mjik ³¹ nauk ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
122 (“the breast (female)”)	nuiʔ	∅	∅	∅	nau³⁵	nuk⁵⁵
3022 (“to shiver”)	∅	nan³⁵	∅	nan⁵⁵	nɛ³⁵	nəŋ⁵⁵
670 (“outside”)	∅	a³¹nək⁵⁵	a³¹noʔ⁵⁵	∅	∅	∅
2985 (“to love”)	∅	naŋ³¹	nan³¹	∅	∅	∅
383 (“the buffalo”)	∅	∅	nō³¹lui³¹	nō²¹nau⁵⁵	nō³¹nau³⁵	∅
499 (“shake / quake (v.)”)	∅	∅	nun³⁵	nun⁵⁵tui⁵¹	∅	nan⁵⁵
836 (“to smell (perceive odor) [transitive]”)	namḥ³	∅	∅	∅	∅	nɛ³¹
237 (“you [second person plural]”)	∅	∅	nəŋ⁵⁵tu³⁵	∅	∅	nō³¹nauŋ⁵⁵
2570 (“the ghost”)		∅	∅	nat²¹	∅	∅
2766 (“the snail”)	∅	∅	∅	nō⁵⁵pap²¹	nō³¹peʔ³¹	∅
364 (“the name”)	∅	∅	∅	∅	∅	∅
437 (“the buffalo”)	∅	∅	∅	∅	∅	nūŋ³⁵nuk⁵⁵
674 (“left”)	∅	nam³¹ṅə³¹	∅	∅	∅	∅

66.2 **n:nj:n:ŋj:ʔn:ʔn**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
336 (“seven”)	khunac	nit⁵⁵	nit⁵⁵	ŋjit⁵⁵	nət⁵⁵	nat⁵⁵

66.3 **n:nj:n:n:n:n**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2660 (“the milk”)	no¹nuiv¹	ṅo³¹nau³⁵	no³¹nau³¹	nō²¹nau⁵⁵	nō³¹nau³⁵	nūŋ³⁵nuk⁵⁵

66.4 **n:n:n:ŋj:ŋj:n**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
23 (“the day”)	niy	ni³¹mə³¹	nai³⁵tsin³⁵	ŋji⁵⁵khjui⁵⁵	ŋji³⁵kaui³¹	na⁵⁵
524 (“morning”)	niyʔlañ	ni³¹kuŋ⁵⁵	∅	ŋji⁵⁵kuŋ⁵¹	ŋji³⁵kaui³¹	na⁵⁵kaui³⁵
2639 (“the leech”)	∅	nuʔ⁵⁵	nu⁵⁵	tɯ²¹	tɯ⁵⁵	∅

66.5 **n:nj:n:ŋj:ŋj:n**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
161 (“to reside (live)”)	niy	ṇṇ⁵⁵	nai⁵⁵	ηji⁵¹	ηji⁵⁵	na³¹
2925 (“to burn”)	∅	ṇe³⁵	∅	ηje⁵⁵	∅	∅

66.6 *n:n:η:n:n:²n*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
159 (“you [second person plural]”) 227 (“the ear”)	∅	ṇauṇ⁵⁵tuṇ³¹	∅	ṇuṇ⁵⁵moṇ⁵⁵	ṇauṇ³¹maṇ³¹	ṇṇ³¹ṇauṇ⁵⁵
	na³tho₂n²	ni³¹tṣhua³¹	ṇa³¹tṣhṇ³¹	∅	∅	∅

66.7 *n:η:n:n:²n:²n*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
229 (“the lake”) 2489 (“the buffalo”)	∅	ṇṇ³⁵	∅	ṇoṇ⁵⁵	ṇṇ⁵⁵	ṇṇ⁵⁵
	no₁³nuiv¹	ṇo³¹ṇau³⁵	no³¹ṇau³¹	∅	∅	∅

66.8 *n:ηj:ηj:ηj:ηj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2296 (“shrivel up / wither (v.)”) 3126 (“warm”) 2805 (“the summer”)	∅	ṇau³¹	ṇau³¹	ηju²¹	ηju³⁵	∅
	ṇuyḥ³thuy³	∅	∅	ηje²¹	∅	ηje³⁵
	nui²	∅	∅	∅	∅	∅

Old Burmese “**nj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	nj	n	n	n	n	n	(1 ex.)

67.1 **nj:n:n:n:n**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
242 (“thou [second person singular]”)	ñañḥ³	nuan⁵⁵	nɔŋ⁵⁵	nan⁵¹	nṣ⁵⁵	nṣ³¹

Old Burmese “**ṅ**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ṅ	ṅ	ṅ	ʔn	ʔn	ʔn	(2 exx.)
#2	ṅ	ṅj	ṅ	ʔn	ʔn	ʔn	(6 exx.)
#3	ṅ	ṅ̃	ṅ̃	ʔṅ	ʔṅ	ʔṅ	(12 exx.)

68.1 **ṅ:ṅ:ṅ:ʔn:ʔn:ʔn**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2771 (“the snot”)	nhap⁴	ṅap⁵⁵	ṅap⁵⁵	nap⁵⁵	nɛɽ⁵⁵	nɛɽ⁵⁵
219 (“the year”)	nhacchay	ṅək⁵⁵	ṅrk⁵⁵	∅	∅	∅

68.2 **ṅ:ṅj:ṅ:ʔn:ʔn:ʔn**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
551 (“the beard”)	nhut⁴	ṅot⁵³	ṅut⁵⁵ṅ⁵⁵	nut⁵⁵ku^{ṅ⁵⁵}	nɔt⁵⁵	nat⁵⁵
284 (“the heart”)	nhalumḥ³	ṅa⁵⁵lum³¹	ṅa^{ṅ³¹}lum³¹	∅	∅	∅
294 (“the nose”)	nhā	∅	∅	∅	na⁵⁵	nɔ³¹
2217 (“make / cause (v.)”)	∅	∅	ṅaṅ⁵⁵	naṅ⁵¹	nṅ⁵⁵	nṅ³¹
429 (“angry”)	∅	∅	∅	nik⁵⁵no^{ṅ²¹}	nak⁵⁵lam³¹	nak⁵⁵lam³⁵
2538 (“the face”)	myak⁴nhā²	∅	ṅa^{ṅ⁵⁵}ṅ⁵⁵	∅	∅	∅

68.3 **ṅ:ṅ̃:ṅ̃:ʔṅ:ʔṅ:ʔṅ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
75 (“the frost”)	chi³nhaiḥ³	ṅjan⁵⁵	ṅjan⁵⁵	ṅjan⁵¹thuṅ²¹	ṅṅ⁵⁵	ṅjan³¹
355 (“to blow (of wind)”)	nhap⁴nhac⁴	∅	∅	∅	∅	∅
415 (“two”)	nhac	∅	∅	∅	∅	∅
794 (“the brains”)	ṅ³nhok⁴	∅	∅	∅	∅	∅
2300 (“slow”)	nhiy³	∅	∅	∅	∅	∅
2609 (“the horn (woodwind)”)	kha¹rā² [nhai³]	∅	∅	∅	∅	∅
100 (“the needle (for sewing)”)	∅	∅	∅	∅	ṅɛɽ⁵⁵	ṅɛɽ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
488 (“lower (the head) (v.)”)	∅	∅	∅	∅	ṅṅn ³⁵	ṅṅan ³⁵
613 (“the sickle”)	∅	∅	∅	∅	ṅṅ ⁵⁵ ṅṅ ³⁵	ṅṅ ³¹ ṅṅ ³⁵
153 (“to count”)	∅	∅	∅	ṅṅp ⁵⁵	ṅṅṅ ⁵⁵	ṅṅṅ ⁵⁵
2995 (“to read”)	∅	∅	∅	ṅṅp ⁵⁵	ṅṅṅ ⁵⁵	ṅṅṅ ⁵⁵
2078 (“cover (the mouth) (v.)”)	∅	∅	∅	ṅṅp ⁵⁵	ṅṅṅ ⁵⁵	∅

Old Burmese “o”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	o	o	o	a	a	ɔ	(1 ex.)
#2	o	o	o	o	ɔ	u	(9 exx.)
#3	o	ə	∅	∅	∅	∅	(1 ex.)

69.1 o:o:o:a:a:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2849 (“the village”)	rō ²	o ⁵⁵	o ⁵⁵	va ⁵¹	va ⁵⁵	vɔ ³¹

69.2 o:o:o:ɔ:u

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
36 (“to flow”)	to ³ so ³	so ³¹	so ³¹	so ²¹	so ³⁵	su ³⁵
492 (“fall (rain) (v.)”)	ro ₁	mau ³¹ zo ⁵⁵	mau ³¹ zo ⁵⁵	lik ²¹ vo ⁵¹	mau ³¹ ɣɔ ⁵⁵	lak ³¹ ɣu ³¹
2082 (“crawl (of people) (v.)”)	to ³ so ³	to ³¹	to ³¹	to ²¹	to ³¹	tu ³⁵
2489 (“the buffalo”)	no ₁ ³ nui ¹	no ³¹ nau ³⁵	no ³¹ nau ³¹	∅	∅	∅
374 (“the gums”)	so ₁ ³ phu ^h ³	∅	∅	∅	∅	∅
2083 (“the saliva”)	so ₁ ³ riy ²	∅	∅	∅	∅	∅
472 (“to sing”)	∅	∅	∅	tho ⁵¹	tho ⁵⁵	thu ³¹
663 (“the hoof”)	khō ₁	te ^h ₁ ⁵⁵ xo ⁵⁵	∅	∅	∅	∅
2101 (“difficult”)	∅	ko ³¹	n ³¹ ko ³¹	∅	∅	∅

69.3 o:ə:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2132 (“expand / swell (v.)”)	po ¹	pə ³¹	∅	∅	∅	∅

Old Burmese “**oj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	oj	∅	∅	∅	∅	∅	(3 exx.)

70.1 **oj:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
339 (“to pull”)	cho₁y	∅	∅	∅	∅	∅
2043 (“broken, be (bowls) (v.)”)	koi³	∅	∅	∅	∅	∅
2119 (“easy”)	loy²	∅	∅	∅	∅	∅

Old Burmese “**ok**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ok	oʔ	oʔ	oʔ	ɔʔ	uk	(2 exx.)
#2	ok	zoʔ	zoʔ	aʔ	aʔ	ɔʔ	(3 exx.)
#3	ok	∅	∅	∅	∅	∅	(2 exx.)

71.1 **ok:oʔ:oʔ:ɔʔ:uk**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
16 (“the ant”)	puro ₁ kchip	∅	∅	pau ⁵¹ voʔ ⁵⁵	phə ³¹ ɣoʔ ³¹	phə ³¹ ɣuk ³¹
2518 (“the east”)	∅	pui ⁵⁵ thoʔ ⁵⁵ pa ³¹	n ⁵⁵ mo ⁵¹ thoʔ ⁵⁵ pa ³¹	pui ⁵¹ thoʔ ⁵⁵ fut ⁵⁵	pui ⁵⁵ thoʔ ⁵⁵	pa ³¹ thuk ⁵⁵ fat ⁵⁵

71.2 **ok:zoʔ:zoʔ:aʔ:aʔ:ɔʔ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
26 (“the leaf”)	aro ₁ k	a ³¹ xzoʔ ⁵⁵	a ³¹ xzoʔ ⁵⁵	a ²¹ xar ⁵⁵	sak ⁵⁵ far ⁵⁵	fɔʔ ⁵⁵
391 (“to hide (conceal)”)	pho ₁ k ⁴	∅	∅	∅	∅	∅
2292 (“sheet (classifier for paper)”)	rok ⁴	∅	∅	∅	∅	∅

71.3 **ok:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
348 (“to hunt”)	a ¹ mai ³ lok ⁴	∅	∅	∅	∅	∅
2178 (“gnaw / nibble (v.)”)	kok ⁴	∅	∅	∅	∅	∅

Old Burmese “**om**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	om	∅	∅	∅	∅	∅	(2 exx.)

72.1 **om:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
597 (“the mud”)	rho₁m¹	∅	∅	∅	∅	∅
2298 (“shrivel up / wither (v.)”)	nom³	∅	∅	∅	∅	∅

Old Burmese “**on**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	on	un	un	Ø	Ø	Ø	(1 ex.)

73.1 **on:un:un:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
59 (“to push”)	to₁nh̄	tun³¹	tun³¹	Ø	Ø	Ø

Old Burmese “**oŋ**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	oŋ	an	an	an	ɛ̃ ²	əŋ (10 exx.)
#2	oŋ	ɔŋ	oŋ	oŋ	uŋ	uŋ (2 exx.)
#3	oŋ	oŋ	∅	∅	∅	∅ (1 ex.)

74.1 **oŋ:an:an:an:ɛ̃ ~ əŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
220 (“the year”)	∅	∅	∅	tsan ⁵¹	tɛ̃ ⁵⁵	tsəŋ ³¹
2044 (“bunch (of vegetables)”)	∅	∅	∅	khan ²¹	khɛ̃ ³⁵	khəŋ ³⁵
2139 (“fast”)	∅	∅	∅	xan ⁵¹	xɛ̃ ⁵⁵	xəŋ ³¹
2435 (“the bud”)	∅	∅	∅	pan ²¹ tʃup ⁵⁵	pɛ̃ ³¹ tʃam ³⁵	pəŋ ³⁵ tʃam ³¹
2881 (“the willow”)	∅	∅	∅	pan ²¹ tu ²¹	γəi ⁵⁵ pɛ̃ ⁵⁵ tu ³¹	pəŋ ³¹ tau ³⁵
125 (“the flower”)	apo ₁ n̄ [?]	∅	pan ⁵⁵ tam ³¹	pan ²¹	kɛ̃ ⁵⁵ pɛ̃ ³¹ pɔ ³⁵	pəŋ ³⁵
3022 (“to shiver”)	∅	nan ³⁵	∅	nan ⁵⁵	nɛ̃ ³⁵	nəŋ ⁵⁵
2804 (“the summer”)	∅	tsan ⁵⁵	∅	tsan ⁵¹ nam ⁵⁵	∅	tsəŋ ³¹
84 (“to bite”)	∅	∅	∅	∅	pɛ̃ ³¹	pəŋ ³⁵
149 (“here”)	ato ₁ n̄h	∅	∅	∅	∅	∅

74.2 **oŋ:ɔŋ:oŋ:oŋ:uŋ:uŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2978 (“to lift (the lid)”)	pho ₁ n̄ ¹	phoŋ ³⁵	phoŋ ³⁵	phoŋ ⁵⁵	∅	phuy ⁵⁵
2537 (“the face”)	∅	∅	∅	mjo ²¹ toŋ ²¹	mjar ³¹ tuŋ ³¹	∅

74.3 **oŋ:oŋ:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2059 (“chisel / bore (a hole) (v.)”)	tho ₁ n̄ ³	thoŋ ³¹	∅	∅	∅	∅

Old Burmese “p”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	p	p	p	p	p	p	(33 exx.)
#2	p	∅	∅	pj	p	pj	(1 ex.)
#3	p	p ^h	p	?p	p ^h	p ^h j	(3 exx.)
#4	p	p	p	?p	∅	p	(5 exx.)
#5	p	∅	∅	∅	∅	∅	(1 ex.)

75.1 p:p:p:p:p

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
276 (“the mouth”)	pāḥcap	∅	∅	∅	∅	∅
337 (“the sea”)	pañlay	∅	∅	∅	∅	∅
349 (“the wing”)	to ₂ ñpañ	∅	∅	∅	∅	∅
359 (“the tree”)	sacpañ	∅	∅	∅	∅	∅
619 (“the thigh”)	po ₂ ñ	∅	∅	∅	∅	∅
681 (“the wolf”)	wam ² pu ¹ luy ²	∅	∅	∅	∅	∅
781 (“dirty”)	ñacpat	∅	∅	∅	∅	∅
857 (“the snail”)	kha ¹ ru ¹ pak ⁴ kyi ¹	∅	∅	∅	∅	∅
2098 (“deaf, be (v.)”)	na ³ pañ ³	∅	∅	∅	∅	∅
2370 (“the axe”)	pu ¹ chin ²	∅	∅	∅	∅	∅
2389 (“the bean”)	pai ³	∅	∅	∅	∅	∅
2453 (“the cave”)	sa ¹ bo ₂ ³ po ₂ k ⁴	∅	∅	∅	∅	∅
2691 (“the peanut”)	mliy ² pai ³	∅	∅	∅	∅	∅
2830 (“the trunk (of a tree)”)	pañ ² cañ ²	∅	∅	∅	∅	∅
2921 (“to buckle up / fasten (a belt)”)	pat ⁴	∅	∅	∅	∅	∅
35 (“to hunt”)	pac ⁴	∅	pək ⁵⁵	ʃō ²¹ pik ²¹	pak ³¹	pak ³¹
125 (“the flower”)	apo ₁ ñ ²	∅	pan ⁵⁵ tam ³¹	pan ²¹	pɛ ³¹ pɔ ³⁵	pəŋ ³⁵
2614 (“the insect”)	puiv ³	pau ³¹	pau ³¹	pau ²¹	pau ³¹	puk ⁵⁵
27 (“the fire”)	∅	poi ³¹	pu ⁵⁵ mɾ ⁵⁵	pui ⁵¹ vaŋ ⁵¹ ʃut ⁵⁵	pui ⁵⁵ vɔ̃ ⁵⁵	pa ³¹ vɔ̃ ³¹
542 (“the mountain”)	∅	pum ⁵⁵ xui ³¹	pum ⁵⁵ fui ³¹	pum ⁵¹	pam ⁵⁵	pam ³¹
446 (“the thigh”)	∅	∅	lam ⁵⁵ pau ⁵³	taŋ ²¹ pau ⁵⁵	tɔ̃ ³⁵ pau ³¹	tɔ̃ ⁵⁵ puk ⁵⁵
2765 (“the snail”)	∅	∅	tʃho ² pap ⁵⁵	nō ⁵⁵ pap ²¹	nɔ̃ ³¹ pɛ ² ³¹	nūŋ ³⁵ pɛ ² ³¹
2271 (“rot (v.)”)	pup ⁴	∅	∅	pup ²¹ tʃe ² ²¹	pap ³¹	pap ³¹
557 (“the shoulder”)	pakhumḥ	xuŋ ³¹ pau ³¹	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2132 (“expand / swell (v.)”)	po¹	pə³¹	∅	∅	∅	∅
2471 (“the clothes”)	∅	∅	∅	pu²¹	pu³¹	∅
2726 (“the rabbit”)	∅	∅	∅	paŋ⁵⁵taɪ⁵¹	paŋ³¹taɪ⁵⁵	∅
15 (“the ant”)	puro₁kchip	∅	∅	pau⁵¹vo⁷⁵⁵	∅	∅
295 (“the goat”)	∅	pa⁷⁵⁵	pa⁷³¹	pai²¹nam⁵⁵	∅	∅
539 (“hot”)	pū	pu⁵⁵	pu⁵⁵	∅	∅	∅
2596 (“the half”)	∅	∅	pan³¹	pan⁵⁵	∅	pan³⁵
84 (“to bite”)	∅	∅	∅	∅	pə³¹	pəŋ³⁵
434 (“to shoot (an arrow)”)	∅	pək⁵⁵	∅	pik²¹	∅	∅

75.2 **p:∅:∅:pj:p:pj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
250 (“to give”)	piyh³	∅	∅	pji²¹	pi³¹	pjik⁵⁵

75.3 **p:p^h:p:ʔp:p^h:p^hj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
342 (“the cheek”)	pāh³	pha³¹kap³⁵	pʰ³¹zəm³⁵	pə²¹sop⁵⁵	∅	∅
536 (“the spider”)	pañ⁷kū	∅	∅	∅	p^hi³¹k⁵³¹	p^hj⁵³¹k⁵³⁵
754 (“the moon”)	∅	phā³¹lɔ⁷³¹	pau⁵⁵lɔ³¹	∅	∅	∅

75.4 **p:p:p:ʔp:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2513 (“the drum”)	bui²	∅	koŋ³¹poŋ³⁵	∅	∅	tsaj³¹paui³⁵
420 (“the belly”)	puik	∅	∅	∅	∅	∅
3119 (“understand (v.)”)	sa¹bo₂³po₂k⁴	∅	∅	∅	∅	∅
2052 (“chat (v.)”)	∅	pə³¹xua³⁵ kzai⁵⁵	∅	pə⁵⁵miŋ²¹ miŋ²¹	∅	pə⁵⁵məŋ³¹
79 (“what”)	∅	∅	∅	∅	∅	∅

75.5 **p:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2696 (“the pestle”)	kyañ²puy¹	∅	∅	∅	∅	∅

Old Burmese “*pj*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	<i>pj</i>	∅	∅	∅	∅	∅ (3 exx.)

76.1 *pj:∅:∅:∅:∅:∅*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
5 (“to fly (move through air)”)	<i>pyam</i>	∅	∅	∅	∅	∅
426 (“smooth”)	<i>pyo₂ʔ</i>	∅	∅	∅	∅	∅
2089 (“damaged, be (house) / cave in (v.)”)	<i>pyak⁴</i>	∅	∅	∅	∅	∅

Old Burmese “**pl**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	pl	pꜣ	p	pj	pj	pj	(3 exx.)

77.1 **pl:pꜣ:p:pj:pj:pj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
307 (“full”)	plañʔ	pꜣəŋ ³⁵	puŋ ³⁵	pjiŋ ⁵⁵	pjaŋ ³⁵	pjaŋ ⁵⁵
2641 (“the leech”)	∅	∅	∅	∅	təŋ ³¹ pjen ³¹	təŋ ³¹ pjen ³¹
3 (“all”)	∅	pꜣa ⁵⁵ pꜣa ⁵⁵	∅	∅	∅	∅

Old Burmese “**pr**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	pr	pꜣ	p	pj	pj	pj	(7 exx.)

78.1 **pr:pꜣ:p:pj:pj:pj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2721 (“the pus”)	prañ²	pꜣəŋ⁵⁵	puŋ⁵⁵	pjiŋ⁵¹viŋ²¹	pjaŋ⁵⁵ɣaŋ³¹	pjaŋ³¹kjəŋ⁵⁵
463 (“flat (shallow)”)	pra³	∅	∅	∅	∅	∅
742 (“outside”)	aprañ	∅	∅	∅	∅	∅
2071 (“collapse / cave in / fall down (v.)”)	pruiv²	∅	∅	∅	∅	∅
2266 (“repay (a debt) (v.)”)	pran²	∅	∅	∅	∅	∅
2310 (“speak (v.)”)	pro₂³	∅	∅	∅	∅	∅
2364 (“the ghost”)	lip⁴pra²	ɣ⁵⁵pꜣua⁵⁵	∅	∅	∅	∅

Old Burmese “*p^h”*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>p^h</i>	<i>p^h</i>	<i>p^h</i>	<i>p^h</i>	∅	<i>p^h</i>	(1 ex.)
#2	<i>p^h</i>	<i>p^h</i>	<i>p^h</i>	<i>p^h</i>	<i>p^h</i>	<i>p^h</i>	(21 exx.)
#3	<i>p^h</i>	<i>p</i>	<i>p</i>	<i>ʔp</i>	<i>p</i>	<i>p^h</i>	(10 exx.)
#4	<i>p^h</i>	<i>p^h</i>	<i>pʒ</i>	<i>p</i>	<i>ʔp</i>	<i>ʔp</i>	(6 exx.)
#5	<i>p^h</i>	∅	∅	∅	∅	∅	(1 ex.)

79.1 *p^h:p^h:p^h:p^h:∅:p^h*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2978 (“to lift (the lid)”)	<i>pho₁n¹</i>	<i>phoŋ³⁵</i>	<i>phoŋ³⁵</i>	<i>phoŋ⁵⁵</i>	∅	<i>phuŋ⁵⁵</i>

79.2 *p^h:p^h:p^h:p^h:p^h:p^h*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
225 (“the dust”)	<i>phun</i>	∅	∅	∅	∅	∅
391 (“to hide (conceal)”)	<i>pho₁k⁴</i>	∅	∅	∅	∅	∅
635 (“the bud”)	<i>a¹phu³</i>	∅	∅	∅	∅	∅
2376 (“the banana”)	<i>phi³kram³</i>	∅	∅	∅	∅	∅
2553 (“the forehead”)	<i>na¹phū³</i>	∅	∅	∅	∅	∅
2591 (“the gums”)	<i>so₁³phu³</i>	∅	∅	∅	∅	∅
2761 (“the shoe”)	<i>phi¹nap⁴</i>	∅	∅	∅	∅	∅
2927 (“to catch”)	<i>pham³</i>	∅	∅	∅	∅	∅
2947 (“to ferment”)	<i>a¹khyān²</i>	∅	∅	∅	∅	∅
	<i>pho₂k⁴</i>					
2996 (“to read”)	<i>phat⁴</i>	∅	∅	∅	∅	∅
3008 (“to repair”)	<i>phā²</i>	<i>pho⁵⁵</i>	<i>pho⁵⁵</i>	<i>pho⁵¹</i>	<i>pha⁵⁵</i>	∅
863 (“to spit”)	∅	∅	∅	∅	<i>pho³⁵</i>	<i>pho³⁵</i>
2380 (“the bat”)	∅	∅	∅	∅	<i>pha⁷⁵⁵xəi³¹</i>	<i>pho⁷⁵⁵xək⁵⁵</i>
2968 (“to itch”)	∅	∅	∅	∅	<i>pho³⁵</i>	<i>phan³⁵</i>
449 (“the butterfly”)	∅	<i>phā³¹zām³⁵</i> <i>tʃām⁵⁵</i>	∅	<i>phā⁵⁵lām⁵¹</i>	<i>phā³¹l̥⁵⁵</i>	<i>phā³¹l̥³¹</i>
3108 (“turn over (on bed) (v.)”)	∅	∅	<i>phu⁷⁵⁵</i>	<i>kuŋ⁵¹phu⁷⁵⁵</i>	<i>phau⁷⁵⁵</i>	<i>kaŋ³¹</i> <i>phauk⁵⁵</i>
31 (“to vomit”)	∅	<i>phat⁵⁵</i>	<i>phat⁵⁵</i>	<i>phat⁵⁵</i>	∅	∅
320 (“the dust”)	∅	∅	∅	<i>phui²¹lau⁵¹</i>	<i>phā³¹lau⁵⁵</i>	<i>phōi³⁵lūk³¹</i>

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2207 (“line up (v.)”)	∅	phaiʔ³¹	∅	∅	∅	phai³¹
2464 (“the chin”)	∅	pha³¹kəŋ³⁵	phə³¹kəŋ³⁵	∅	∅	∅
118 (“the leaf”)	∅	∅	∅	∅	∅	phə⁷⁵⁵

79.3 $p^h:p:p:ʔp:p:p^h$

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
30 (“hundred”)	∅	pak³⁵	pak³⁵	∅	∅	∅
308 (“what”)	∅	pi³¹si⁵⁵	pɛ³¹	∅	∅	∅
452 (“bunch (of vegetables)”)	∅	pan⁵⁵	pan⁵⁵	∅	∅	∅
2511 (“the door”)	∅	pă³¹tu³⁵	pak³¹tu³⁵	∅	∅	∅
2521 (“the east”)	∅	ni³¹mə³¹ŋ⁵⁵	n⁵⁵mə⁵¹ŋ⁵⁵	∅	∅	∅
3125 (“wake up (v.)”)	∅	pa³¹ pa⁵⁵	pa³¹ pa⁵⁵	∅	∅	∅
310 (“the father”)	aphiy	∅	po³¹	∅	∅	a⁵⁵phə⁵⁵
2447 (“the buttocks”)	phan²	∅	∅	∅	tʃhau⁷⁵⁵ paun⁵⁵	∅
675 (“left”)	∅	lɔ³¹nam³¹	∅	lo⁷³¹pai²¹	∅	∅
2516 (“the duck”)	bhai³	pa³¹ pi³¹	∅	∅	∅	∅

79.4 $p^h:p^h:pz:p:ʔp:ʔp$

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
243 (“the frog”)	phaḥ³	phə³¹	∅	∅	pa³⁵	pɔ³⁵
2881 (“the willow”)	∅	∅	∅	pan²¹tu²¹	γəi⁵⁵pɛ⁵⁵tu³¹	pəŋ³¹tau³⁵
2970 (“to kick”)	∅	∅	∅	pik⁵⁵	kɛ⁵⁵ pak⁵⁵	pak⁵⁵
2029 (“bloated, feel (of the stomach) (v.)”)	∅	∅	pzoŋ³¹	puj²¹	∅	∅
2434 (“the bud”)	∅	∅	a³¹pzum³¹	a²¹pum²¹	∅	∅
168 (“what”)	∅	∅	∅	∅	pɛ⁵⁵tʃuŋ³¹	pɛ⁵⁵

79.5 $p^h:\emptyset:\emptyset:\emptyset:\emptyset$

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2869 (“the wheel”)	bhi³	∅	∅	∅	∅	∅

Old Burmese “**p^hl**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	p ^h l	p ^h z̥	p ^h z̥	p ^h j	p ^h j	p ^h j (2 exx.)

81.1 **p^hl:p^hz̥:p^hz̥:p^hj:p^hj:p^hj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
180 (“white”)	p ^h lū	phz̥o ⁵⁵	phzu ⁵⁵	phju ⁵¹	phju ⁵⁵	phju ³¹
2312 (“spicy”)	∅	∅	∅	phjik ⁵⁵	phjak ⁵⁵	phjak ⁵⁵

Old Burmese “**p^hr**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	p^hr	∅	∅	∅	∅	∅	(3 exx.)

82.1 **p^hr:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
34 (“to fight”)	ran ² phrac ⁴	∅	∅	∅	∅	∅
368 (“straight”)	phro ₂ n̄?	∅	∅	∅	∅	∅
2563 (“the garlic”)	krak ⁴ suin ² phru ²	∅	∅	∅	∅	∅

Old Burmese “r”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	r	z _l	z _l	j	j	j	(40 exx.)
#2	r	z _l	z _l	j	j	j	(2 exx.)
#3	r	z _l	z _l	-	-	-	(2 exx.)
#4	r	z _l	z _l	-	-	-	(1 ex.)
#5	r	z _l	z _l	v	ɣ	v	(1 ex.)
#6	r	z _l	-	j	j	j	(1 ex.)
#7	r	z _l	z _l	v	ɣ	ɣ	(15 exx.)
#8	r	z _l	-	j	j	j	(16 exx.)
#9	r	-	-	j	-	j	(3 exx.)
#10	r	-	-	j	j	j	(6 exx.)
#11	r	z _l	-	-	-	-	(2 exx.)
#12	r	-	-	v	v	v	(2 exx.)
#13	r	∅	∅	∅	∅	-	(2 exx.)
#14	r	∅	∅	∅	-	ɣ	(1 ex.)
#15	r	xz _l	xz _l	x	f	f	(4 exx.)
#16	r	∅	x	x	∅	x	(2 exx.)

83.1 r:z:z:j:j

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
34 (“to fight”)	ran ² phrac ⁴	∅	∅	∅	∅	∅
256 (“to fight”)	ran ² phrac ⁴	∅	∅	∅	∅	∅
368 (“straight”)	phro ₂ ñ [?]	∅	∅	∅	∅	∅
419 (“the grass”)	mrak	∅	∅	∅	∅	∅
463 (“flat (shallow)”)	pra ³	∅	∅	∅	∅	∅
555 (“the horn (woodwind)”)	kha ¹ rā ² [nhai ³]	∅	∅	∅	∅	∅
721 (“to sell”)	ro ₂ ñh ³	∅	∅	∅	∅	∅
742 (“outside”)	aprañ	∅	∅	∅	∅	∅
2071 (“collapse / cave in / fall down (v.)”)	pruiv ²	∅	∅	∅	∅	∅
2141 (“fast”)	mrان ²	∅	∅	∅	∅	∅
2266 (“repay (a debt) (v.)”)	prان ²	∅	∅	∅	∅	∅
2292 (“sheet (classifier for paper)”)	rok ⁴	∅	∅	∅	∅	∅
2310 (“speak (v.)”)	pro ₂ ³	∅	∅	∅	∅	∅
2475 (“the color”)	a ¹ ro ₂ ñ ²	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2563 (“the garlic”)	krak ⁴ suin ² phru ²	∅	∅	∅	∅	∅
2685 (“the north”)	mro ₂ k ⁴	∅	∅	∅	∅	∅
2748 (“the scar”)	a ¹ mā ² ruit ⁴	∅	∅	∅	∅	∅
2755 (“the shadow”)	a ¹ rip ⁴	∅	∅	∅	∅	∅
2768 (“the snail”)	kha ¹ ru ¹ pak ⁴ kyi ¹	∅	∅	∅	∅	∅
2840 (“the valley”)	lhjuiv ² mhro ₂ n̄ ²	∅	∅	∅	∅	∅
2893 (“the wound”)	dan ² ra ²	∅	∅	∅	∅	∅
51 (“high / tall”)	mran ¹	m̄zaj ⁵⁵	m̄zaj ⁵⁵	mjaŋ ⁵¹	mj̄ ⁵⁵	mj̄ ³¹
176 (“to see”)	mrañ	en ³¹ m̄zaj ⁵⁵	m̄zaj ⁵⁵	mjaŋ ⁵¹	mj̄ ⁵⁵	mj̄ ³¹
146 (“cold (of temperature)”)	∅	kzuat ⁵⁵	kzot ⁵⁵	kjoʔ ²¹	kjaʔ ³¹	kjaʔ ³¹
821 (“to scratch”)	∅	khzən ⁵⁵	khzən ⁵⁵	kjin ⁵¹	kjən ⁵⁵	kjin ³¹
345 (“the horse”)	mrañh ³	m̄zaj ³¹	∅	mjaŋ ²¹	mj̄ ³¹	mj̄ ³⁵
164 (“the skin”)	riy	a ³¹ z̄ ⁵⁵	ṅut ⁵⁵ z̄ ⁵⁵	∅	∅	∅
2952 (“to get / acquire”)	ra ¹	zua ³⁵	z̄ ³⁵	∅	∅	∅
94 (“to blow (of wind)”)	∅	xzauʔ ³⁵	∅	khjui ²¹	khju ³⁵	khjuk ⁵⁵
2888 (“the winter”)	∅	∅	kzot ⁵⁵ m̄ ⁵⁵	kjoʔ ²¹ mjo ²¹	kjaʔ ³¹ mja ⁵⁵	kjaʔ ³¹ mjo ³¹
3020 (“to shave”)	∅	khzət ³⁵	khzot ⁵⁵	∅	khjət ⁵⁵	khjat ⁵⁵
14 (“straight”)	∅	∅	∅	ṅjaŋ ⁵¹	∅	ṅj̄ ⁵⁵
2556 (“the friend”)	∅	∅	∅	phji ²¹ tsum ⁵⁵	∅	pjin ³¹ t̄h̄ ³⁵
107 (“the skin”)	ariy	∅	a ³¹ z̄ ⁵⁵	∅	∅	∅
2364 (“the ghost”)	lip ⁴ prā ²	ṅ ⁵⁵ p̄zua ⁵⁵	∅	∅	∅	∅
3 (“all”)	∅	p̄za ⁵⁵ p̄za ⁵⁵	∅	∅	∅	∅
2322 (“splash / sprinkle (v.)”)	∅	kzən ³¹	∅	∅	∅	∅
694 (“damaged, be (house) / cave in (v.)”)	∅	∅	tzoŋ ³¹	∅	∅	∅
733 (“young”)	∅	∅	a ³¹ zam ³¹	∅	∅	∅
116 (“the branch”)	∅	ṣək ⁵⁵ kzaj ⁵⁵	∅	sik ⁵⁵ kjaŋ ⁵¹	∅	∅

83.2 r:z̄:z̄:j:j

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
299 (“to hear”)	krāh ³	kzua ³¹	kz̄ ³¹	kjo ²¹	kja ³¹	kjo ³⁵
494 (“the mosquito”)	khrañ	∅	caŋ ³¹ k ^h zaj ⁵⁵	kjaŋ ⁵¹	kj̄ ⁵⁵	kj̄ ³¹

83.3 r:z̄:z̄:-:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2460 (“the chicken”)	krak ⁴	kzuaŋ ⁵⁵	kzɔŋ ⁵⁵	voŋ ²¹	yaŋ ³¹ pha ³⁵	ɣɔŋ ³¹
4 (“the mouse or rat”)	kro ₁ k	kzɔŋ ⁵⁵	kzɔŋ ⁵⁵	∅	ɣɔŋ ³¹ naŋ ³¹	ɣuk ³¹ noŋ ³¹

83.4 r:z:z:-:-:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
301 (“the snake”)	mruy	mzui ⁵⁵	mzui ⁵⁵	lan ⁵¹ mui ⁵¹	lɔ ⁵⁵ mɔ ⁵⁵	lɔ ³¹ mɔi ³¹

83.5 r:z:z:v:y:v

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
492 (“fall (rain) (v.)”)	ro ₁	mau ³¹ zo ⁵⁵	mau ³¹ zo ⁵⁵	lik ²¹ vo ⁵¹	mau ³¹ ɣɔ ⁵⁵	lak ³¹ ɣu ³¹

83.6 r:z:-:jj:j

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2721 (“the pus”)	prañ ²	pzəŋ ⁵⁵	puŋ ⁵⁵	pjiŋ ⁵¹ viŋ ²¹	pjaŋ ⁵⁵ ɣaŋ ³¹	pjaŋ ³¹ kjɔŋ ⁵⁵

83.7 r:z:z:v:y:y

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
211 (“the woman”)	∅	∅	∅	mji ²¹ ve ²¹	mi ³¹ ɣe ³¹	mji ³⁵ ɣe ³⁵
458 (“to hear”)	∅	∅	∅	vo ⁵⁵ kjo ²¹	ɣə ³¹ kja ³¹	ɣɔ ⁵⁵ kjo ³⁵
569 (“the rainbow”)	∅	∅	∅	voŋ ²¹ kan ²¹	yaŋ ³¹ kɛ ³¹	ɣɔŋ ³¹ kaŋ ³⁵
2103 (“difficult”)	∅	∅	∅	ŋiŋ ⁵⁵ jaŋ ²¹	saŋ ⁵⁵ ŋjuŋ ⁵⁵	saŋ ³¹ ŋjɔ ³¹
2752 (“the shadow”)	∅	∅	∅	vui ²¹	ɣu ³¹	ɣuk ⁵⁵
292 (“to smile”)	ray ²	zɔ ⁵⁵	zui ⁵⁵	vup ²¹ tso ²¹	ɣap ³¹ ta ³¹	ɣap ³¹ tsɔ ³⁵
16 (“the ant”)	puro ₁ kchip	∅	∅	vui ⁵¹	ɣəi ⁵⁵	ɣə ³¹
155 (“the river”)	riy ² ku ³	∅	∅	pau ⁵¹ voŋ ⁵⁵	phə ³¹ ɣɔŋ ³¹	phə ³¹ ɣuk ³¹
2148 (“the saliva”)	riy ² nat ⁴	∅	∅	vui ⁵¹ li ²¹	ɣəi ⁵⁵ xɛ ³¹	ɣək ³¹ xɛ ⁵⁵
2730 (“the rib”)	nam ² ruiv ³	∅	∅	∅	xɛ ³¹	ɣui ⁵⁵
2852 (“the wall”)	nam ² rain ²	∅	∅	∅	∅	ne ³¹ ʃhɛ ³⁵
3019 (“to shave”)	rit ⁴	∅	∅	∅	∅	ɣuk ⁵⁵
572 (“hard”)	∅	∅	∅	tshɛ ⁵⁵ vam ⁵¹	∅	tshə ³¹ ɣɛ ³¹
636 (“the daughter”)	∅	∅	∅	vui ²¹	∅	∅
2722 (“the pus”)	∅	∅	∅	∅	ɣɔ ⁵⁵	ɣɔ ³¹
				mji ²¹ ve ²¹ tso ²¹	∅	mji ³⁵ ɣe ³⁵
						tsɔ ³⁵
				pjiŋ ⁵¹ viŋ ²¹	pjaŋ ⁵⁵ ɣaŋ ³¹	∅

83.8 *r:z:-:j:j*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
403 (“six”)	khro ₂ k	xzɔʔ ⁵⁵	chuʔ ⁵⁵	khjuʔ ⁵⁵	khjauʔ ⁵⁵	khjauk ⁵⁵
2817 (“the tendon (sinew)”)	a ¹ krɔ ₂ ³	a ³¹ krɔ ³¹	ku ³¹	ʃɔ ²¹ kji ²¹	ʃa ³⁵ kji ³¹	ʃɔ ³⁵ kji ³¹
376 (“the rope”)	kruivh ³	∅	∅	∅	∅	∅
709 (“the star”)	kray	∅	∅	∅	∅	∅
721 (“to sell”)	ro ₂ nh ³	∅	∅	∅	∅	∅
2375 (“the banana”)	phi ³ kram ³	∅	∅	∅	∅	∅
2914 (“to belch”)	kruiv ¹ thuivh ³	∅	∅	∅	∅	∅
2291 (“sheet (classifier for paper)”)	∅	∅	tʃap ⁵⁵	khjap ⁵⁵	khjeʔ ⁵⁵	khjeʔ ⁵⁵
2887 (“the winter”)	∅	∅	kzɔt ⁵⁵ mɾ ⁵⁵	kjoʔ ²¹ mjo ²¹	kjaʔ ³¹ mja ⁵⁵	kjoʔ ³¹ mjo ³¹
240 (“today”)	∅	∅	n ³¹ man ³⁵	a ²¹ ŋji ⁵⁵ nap ²¹	a ³¹ ŋji ³⁵ neʔ ³¹	a ³¹ ŋji ³¹ neʔ ³¹
379 (“the star”)	∅	khzɔ ⁵⁵	tshi ⁵⁵ zum ³¹	kji ⁵¹	kji ⁵⁵	kji ³¹
2909 (“to be afraid”)	krɔ ₂ k ⁴	∅	∅	kjuʔ ²¹	kjauʔ ³¹	kjauk ³¹
213 (“dry”)	khro ₂ k	∅	∅	∅	kjauʔ ⁵⁵	∅
2046 (“called, be / named (v.)”)	∅	kzɔ ⁵⁵	xɾ ⁵⁵	vut ²¹ kji ⁵¹ tʃheʔ ⁵⁵	∅	∅
2165 (“flat (shallow)”)	∅	∅	phen ³¹	pjen ⁵⁵	pje ³⁵	∅
812 (“the road”)	∅	xa ⁵⁵ mzua ³¹	cho ⁵⁵ mɔ ³¹	∅	∅	∅

83.9 *r:-:-:j:-:j*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
39 (“the tail”)	mrih ³	∅	∅	ʃɔ ²¹ mji ²¹	ʃa ³⁵ mi ³¹	ʃɔ ³⁵ mji ³¹
2400 (“the bee”)	a ¹ mri ³	∅	∅	ʃɔ ²¹ mji ²¹	ʃa ³⁵ mi ³¹	ʃɔ ³⁵ mji ³¹
2581 (“the grandson”)	mriy ³	mi ³¹ tsɔ ³¹	mi ³¹	∅	məi ³¹ ta ³¹	mjik ³¹

83.10 *r:-:-:j:j*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
160 (“the ant”)	khriy ² tho ₂ k ⁴	te ^h i ⁵⁵ san ⁵⁵	chi ⁵⁵	khji ⁵¹ tsuŋ ²¹	tɔ ³¹ khji ⁵⁵	leŋ ⁵⁵ khjik ³¹
811 (“the road”)	∅	xa ⁵⁵ mzua ³¹	cho ⁵⁵ mɔ ³¹	khjo ⁵¹	khäk ⁵⁵ khja ⁵⁵	khjo ³¹
2607 (“the horn (woodwind)”)	∅	pe ³¹ xe ³¹	∅	pji ²¹ khje ⁵⁵	∅	pji ⁵⁵ khje ³¹
2608 (“the horn (woodwind)”)	∅	pe ³¹ xe ³¹	∅	pji ²¹ khje ⁵⁵	∅	pji ⁵⁵ khje ³¹
3065 (“to tell”)	∅	kzai ⁵⁵ tsi ³¹	∅	tai ²¹ kjo ²¹	tɪ ³⁵ kja ³⁵	tə ⁵⁵ kjo ³⁵
517 (“the ash”)	∅	nä ³¹ zap ³⁵	ŋ ⁵⁵ pui ³¹	∅	∅	nji ³⁵ map ⁵⁵

83.11 **r:z:-:-:-**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
78 (“big”)	kriḥ	tchet ⁵⁵ kzə ³¹	ku ³¹	ko ²¹	kɔ ³⁵	yə ³⁵
3019 (“to shave”)	rit ⁴	∅	∅	vu ²¹	∅	∅

83.12 **r:-:-v:v:v**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2849 (“the village”)	rō ²	o ⁵⁵	o ⁵⁵	va ⁵¹	va ⁵⁵	vɔ ³¹
2812 (“the taste (something)”)	mrañḥ ³	mi ³¹	∅	∅	∅	∅

83.13 **r:Ø:Ø:Ø:Ø:-**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2148 (“the saliva”)	riy ² nat ⁴	∅	∅	∅	∅	yui ⁵⁵
2730 (“the rib”)	nañ ² ruiv ³	∅	∅	∅	∅	ne ³¹ tʃhə ³⁵ yuk ⁵⁵

83.14 **r:Ø:Ø:Ø:-y**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
110 (“the bone”)	ruiwḥ	∅	∅	∅	ʃä ³⁵ u ³¹	ʃö ³⁵ yuk ⁵⁵

83.15 **r:xz:xz:x:f:f**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
26 (“the leaf”)	aroḥk	a ³¹ xzə ²⁵⁵	a ³¹ xzə ²⁵⁵	a ²¹ xar ²⁵⁵	sak ⁵⁵ far ²⁵⁵	fɔ ²⁵⁵
2220 (“marry (v.)”)	∅	∅	∅	mji ²¹ xar ⁵⁵	mi ³¹ fɔ ³⁵	mji ³⁵ fɔ ⁵⁵
93 (“dry”)	∅	∅	∅	xui ⁵⁵	∅	fai ⁵⁵
3017 (“to send (a letter)”)	∅	∅	∅	xun ⁵¹	fən ⁵⁵	∅

83.16 **r:Ø:x:x:Ø:x**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2171 (“fragrant”)	∅	∅	xom ³⁵	xom ⁵⁵	∅	xom ³⁵
2703 (“the pine”)	thañḥ ³ rüh ³	∅	∅	∅	∅	thar ⁵⁵ xu ³¹

Old Burmese “**ra**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ra	꠵ua	꠵	jo	ja	꠵	(1 ex.)
#2	ra	꠵ua	꠵	∅	∅	∅	(3 exx.)

84.1 **ra:꠵ua:꠵꠵:jo:ja:꠵**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
299 (“to hear”)	krāḥ³	k꠵ua³¹	k꠵³¹	kjo²¹	kja³¹	k꠵³⁵

84.2 **ra:꠵ua:꠵:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2364 (“the ghost”)	lip⁴prā²	꠵⁵⁵꠵ua⁵⁵	∅	∅	∅	∅
463 (“flat (shallow)”)	pra³	∅	∅	∅	∅	∅
812 (“the road”)	∅	xa⁵⁵m꠵ua³¹	ch꠵⁵⁵m꠵³¹	∅	∅	∅

Old Burmese “**raj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	raj	∅	∅	∅	∅	∅	(1 ex.)

85.1 **raj:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
709 (“the star”)	kray	∅	∅	∅	∅	∅

Old Burmese “**rak**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rak	zuaʔ	zɔʔ	oʔ	aʔ	ɔʔ	(1 ex.)
#2	rak	∅	∅	∅	∅	∅	(1 ex.)

86.1 **rak:zuaʔ:zɔʔ:oʔ:aʔ:ɔʔ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
246o (“the chicken”)	krak ⁴	kzuaʔ ⁵⁵	kzɔʔ ⁵⁵	voʔ ²¹	yaʔ ³¹ pha ³⁵	ɣɔʔ ³¹

86.2 **rak:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
419 (“the grass”)	mrak	∅	∅	∅	∅	∅

Old Burmese “**ram**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ram	∅	∅	∅	∅	∅	(1 ex.)

87.1 **ram:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2375 (“the banana”)	phi ³ kram ³	∅	∅	∅	∅	∅

Old Burmese “**ran**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ran	∅	∅	∅	∅	∅	(2 exx.)

88.1 **ran:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2141 (“fast”)	mran ²	∅	∅	∅	∅	∅
2266 (“repay (a debt (v.)”)	pran ²	∅	∅	∅	∅	∅

Old Burmese “*ran*”^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	<i>ran</i> ^h	<i>zəŋ</i>	<i>uŋ</i>	<i>jiŋ</i>	<i>jaŋ</i>	<i>jaŋ</i>	(1 ex.)
#2	<i>ran</i> ^h	<i>i</i>	<i>ɔʔ</i>	<i>oʔ</i>	<i>aʔ</i>	<i>ɔʔ</i>	(2 exx.)

89.1 *ran*^h:*zəŋ*:*uŋ*:*jiŋ*:*jaŋ*:*jaŋ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2721 (“the pus”)	<i>prañ</i> ²	<i>pzəŋ</i> ⁵⁵	<i>puŋ</i> ⁵⁵	<i>pjiŋ</i> ⁵¹ <i>viŋ</i> ²¹	<i>pjaŋ</i> ⁵⁵ <i>ɣaŋ</i> ³¹	<i>pjaŋ</i> ³¹ <i>kjəʔ</i> ⁵⁵

89.2 *ran*^h:*i*:*ɔʔ*:*oʔ*:*aʔ*:*ɔʔ*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2676 (“the navel”)	∅	<i>tchi</i> ³¹ <i>tət</i> ⁵⁵	<i>tʃhəʔ</i> ⁵⁵ <i>thoŋ</i> ³¹	<i>tʃhoʔ</i> ⁵⁵	<i>tʃhaʔ</i> ⁵⁵	<i>tʃhəʔ</i> ⁵⁵
2812 (“the taste (something)”)	<i>mrañh</i> ³	<i>mi</i> ³¹	∅	∅	∅	∅

Old Burmese “*rats*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rats	∅	∅	∅	∅	∅	(1 ex.)

90.1 **rats:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
34 (“to fight”)	ran ² phrac ⁴	∅	∅	∅	∅	∅

Old Burmese “*raŋ*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	raŋ	zəŋ	zəŋ	jaŋ	jo ²	jo ²	(8 exx.)
#2	raŋ	aŋ	zəŋ	jaŋ	jo ²	jo ²	(2 exx.)

91.1 *raŋ:zəŋ:zəŋ:jaŋ:jo ~ :jo ~*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
51 (“high / tall”)	mraŋ ¹	ŋzəŋ ⁵⁵	ŋzəŋ ⁵⁵	mjaŋ ⁵¹	mjō ⁵⁵	mjō ³¹
176 (“to see”)	mraŋ	en ³¹ mzəŋ ⁵⁵	mzəŋ ⁵⁵	mjaŋ ⁵¹	mjō ⁵⁵	mjō ³¹
345 (“the horse”)	mraŋh ³	ŋzəŋ ³¹	∅	mjaŋ ²¹	mjō ³¹	mjō ³⁵
485 (“the sparrow”)	∅	∅	∅	tʃo ⁵¹ k ^h jaŋ ⁵⁵	tʃō ³¹ k ^h jō ³⁵	tʃō ³¹ k ^h jō ⁵⁵
14 (“straight”)	∅	∅	∅	ŋjaŋ ⁵¹	∅	ŋjō ⁵⁵
116 (“the branch”)	∅	ʃək ⁵⁵ kzəŋ ⁵⁵	∅	sik ⁵⁵ kjaŋ ⁵¹	∅	∅
742 (“outside”)	apraŋ	∅	∅	∅	∅	∅
847 (“the rabbit”)	∅	pzəŋ ⁵⁵ tai ⁵⁵	pzəŋ ³¹ tai ⁵⁵	∅	∅	∅

91.2 *raŋ:aŋ:zəŋ:jaŋ:jo ~ :jo ~*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
494 (“the mosquito”)	khraŋ	∅	caŋ ³¹ k ^h zəŋ ⁵⁵	kjaŋ ⁵¹	kjō ⁵⁵	kjō ³¹
851 (“the rib”)	∅	luk ³¹ khaŋ ³¹ tʃham ⁵¹	zəu ³¹ khzəŋ ³¹	∅	∅	∅

Old Burmese “*ri*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ri	zə	u	o	ɔ	ə	(1 ex.)
#2	ri	zə	ɾ	ji	i	ji	(3 exx.)

92.1 *ri:zə:w:ɔ:ɔ:ə*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
78 (“big”)	kriḥ	tchet ⁵⁵ kzə ³¹	ku ³¹	ko ²¹	kɔ ³⁵	yə ³⁵

92.2 *ri:zə:ɾ:ji:i:ji*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
39 (“the tail”)	mriḥ ³	∅	∅	ʃö ²¹ mji ²¹	ʃä ³⁵ mi ³¹	ʃɔ ³⁵ mji ³¹
2400 (“the bee”)	a¹mri ³	∅	∅	ʃö ²¹ mji ²¹	ʃä ³⁵ mi ³¹	ʃɔ ³⁵ mji ³¹
2046 (“called, be / named (v.)”)	∅	kzə ⁵⁵	xɾ ⁵⁵	vut ²¹ kji ⁵¹ tʃheʔ ⁵⁵	∅	∅

Old Burmese “*rij*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rij	i	i	ji	ji	jik	(1 ex.)
#2	rij	i	i	ji	əj	jik	(2 exx.)
#3	rij	Ø	Ø	uj	uj	uj	(4 exx.)

93.1 *rij:i:ij:ji:jik*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
160 (“the ant”)	khriy²tho₂k⁴	te^hi⁵⁵san⁵⁵	chi⁵⁵	khji⁵¹tsuŋ²¹	tə³¹khji⁵⁵	leŋ⁵⁵khjik³¹

93.2 *rij:i:ij:əj:jik*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2581 (“the grandson”)	mriy³	mi³¹tsə³¹	mi³¹	Ø	məi³¹ta³¹	mjik³¹
134 (“four”)	Ø	mi³¹	mi⁵⁵	mji²¹tfun⁵¹ tap²¹	məi³¹	Ø

93.3 *rij:Ø:Ø:uj:uj:uj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2919 (“to buckle up / fasten (a belt)”)	Ø	Ø	Ø	Ø	tʃhui³⁵	tʃhui³⁵
3014 (“to ride”)	Ø	Ø	Ø	Ø	tʃui³¹	tʃui³⁵
2148 (“the saliva”)	riy²nat⁴	Ø	Ø	Ø	Ø	yui⁵⁵
234 (“yellow”)	Ø	Ø	Ø	xui⁵¹	Ø	xui³¹

Old Burmese “*rit*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rit	uʔ	juʔ	uʔ	auk	auk	(2 exx.)

94.1 *rit:uʔ:juʔ:uʔ:auk:auk*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2423 (“the brains”)	∅	u ³¹ nuʔ ³¹	u ³¹ juʔ ³⁵	u ²¹ nuʔ ⁵⁵	ũ ³¹ nauk ⁵⁵	au ³⁵ nauk ³¹
3019 (“to shave”)	rit⁴	∅	∅	vuʔ²¹	∅	∅

Old Burmese “**rj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rj	z	j	j	j	j	(1 ex.)
#2	rj	z _l	-	ʃ	j	j	(2 exx.)

95.1 **rj:z:j:j:j**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
291 (“to stand”)	ryap ⁴	zap ⁵⁵	jap ⁵⁵	jap ²¹	jeʔ ⁵⁵	jeʔ ³¹

95.2 **rj:z:-:ʃ:j:j**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
29 (“hundred”)	ryā	∅	∅	ʃo ⁵¹	sak ⁵⁵ ja ⁵⁵	sak ⁵⁵ jo ³¹
387 (“the root”)	mryat ⁴	mzuat ⁵⁵	met ⁵⁵	∅	∅	∅

Old Burmese “*rjat*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rjat	z_ɿuat	ɛt	Ø	Ø	Ø	(1 ex.)

96.1 **rjat:zuat:ɛt:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
387 (“the root”)	mryat⁴	mzuat⁵⁵	met⁵⁵	Ø	Ø	Ø

Old Burmese “**rok**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rok	zɔʔ	zɔʔ	eʔ	ɔʔ	uk	(2 exx.)

97.1 **rok:zɔʔ:zɔʔ:eʔ:ɔʔ:uk**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
4 (“the mouse or rat”)	kro₁k	kzɔʔ⁵⁵	kzɔʔ⁵⁵	∅	ɣɔʔ³¹naʔ³¹	ɣuk³¹nɔʔ³¹
673 (“wet”)	∅	∅	∅	teʔ⁵⁵	tʃɔʔ⁵⁵	tʃuk⁵⁵

Old Burmese “**ru**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ru	∅	∅	∅	∅	∅	(1 ex.)

98.1 **ru:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2563 (“the garlic”)	krak ⁴ suin ² phru ²	∅	∅	∅	∅	∅

Old Burmese “*ruj*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	<i>ruj</i>	<i>zuj</i>	<i>zuj</i>	<i>uj</i>	<i>ø</i>	<i>ɔj</i> (4 exx.)

99.1 *ruj:zuj:zuj:uj:ø:ɔj*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
301 (“the snake”)	<i>mruy</i>	<i>mzui⁵⁵</i>	<i>mzui⁵⁵</i>	<i>laj⁵¹mui⁵¹</i>	<i>lɔ⁵⁵mø⁵⁵</i>	<i>lɔ³¹mɔi³¹</i>
525 (“the beard”)	<i>ø</i>	<i>ø</i>	<i>ø</i>	<i>ø</i>	<i>nɔt⁵⁵mø³¹</i>	<i>nat⁵⁵mɔi³¹</i>
2983 (“to love”)	<i>ø</i>	<i>ø</i>	<i>ø</i>	<i>ø</i>	<i>ŋø⁵⁵</i>	<i>ŋɔi³¹</i>
474 (“to hold”)	<i>ø</i>	<i>ø</i>	<i>ø</i>	<i>tsui²¹</i>	<i>ø</i>	<i>tsɔi³⁵</i>

Old Burmese “**rəw**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rəw	uʔ	u	ě	ǎ	ǎ	(5 exx.)
#2	rəw	∅	∅	∅	∅	uk	(2 exx.)

100.1 **rəw:uʔ:u:ě:ǎ:ǎ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
376 (“the rope”)	kruivḥ³	∅	∅	∅	∅	∅
2914 (“to belch”)	kruiv¹ thuivḥ³	∅	∅	∅	∅	∅
489 (“the flea”)	∅	∅	fu³¹lai³¹	k^hě⁵⁵lai²¹	k^hǎ³¹lui³⁵	k^hǎ³¹la³⁵
157 (“we [first person plural inclusive]”)	∅	nuaj⁵⁵tuʔ³¹	nɔŋ⁵⁵tu³⁵	∅	∅	∅
2853 (“the wall”)	∅	∅	∅	tshě⁵⁵vam⁵¹	∅	tshǎ³¹ŷe³¹

100.2 **rəw:∅:∅:∅:∅:uk**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2730 (“the rib”)	nani²ruiv³	∅	∅	∅	∅	ne³¹ɰhē³⁵ ŷuk⁵⁵
2071 (“collapse / cave in / fall down (v.)”)	pruiv²	∅	∅	∅	∅	∅

Old Burmese “**ro**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ro	zə	u	ji	ji	ji	(1 ex.)
#2	ro	∅	∅	∅	∅	∅	(1 ex.)

101.1 **ro:zə:u:ji:ji:ji**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2817 (“the tendon (sinew)”)	a ¹ krō ₂ ³	a ³¹ kzə ³¹	ku ³¹	ʃø ²¹ kji ²¹	ʃä ³⁵ kji ³¹	ʃō ³⁵ kji ³¹

101.2 **ro:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2310 (“speak (v.)”)	pro ₂ ³	∅	∅	∅	∅	∅

Old Burmese “*rok*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	rok	zɔʔ	uʔ	juʔ	jauʔ	jauk	(3 exx.)
#2	rok	∅	∅	∅	∅	∅	(1 ex.)

102.1 ***rok:zɔʔ:uʔ:juʔ:jauʔ:jauk***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
403 (“six”)	khro₂k	xzɔʔ⁵⁵	chu⁵⁵	khju⁵⁵	khjau⁵⁵	khjauk⁵⁵
2909 (“to be afraid”)	kro₂k⁴	∅	∅	kju²¹	kjau³¹	kjauk³¹
213 (“dry”)	khro₂k	∅	∅	∅	kjau⁵⁵	∅

102.2 ***rok:∅:∅:∅:∅:∅***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2685 (“the north”)	mro₂k⁴	∅	∅	∅	∅	∅

Old Burmese “*roŋ*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	roŋ	∅	∅	∅	∅	∅	(2 exx.)
#2	roŋ	∅	∅	∅	∅	∅	(1 ex.)

103.1 *roŋ:∅:∅:∅:∅:∅*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
368 (“straight”)	phro ₂ n̄ʔ	∅	∅	∅	∅	∅
2840 (“the valley”)	lhjuiv ² mhro ₂ n̄ ²	∅	∅	∅	∅	∅

103.2 *roŋ:∅:∅:∅:∅:∅*

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
721 (“to sell”)	ro ₂ n̄h ³	∅	∅	∅	∅	∅

Old Burmese “r”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	r̥	s	s	x	x	x	(11 exx.)
#2	r̥	s	s	Ø	Ø	ʔf	(2 exx.)
#3	r̥	x	c ^h	k ^h j	k ^h j	k ^h j	(3 exx.)
#4	r̥	ʒ	j	Ø	f	f	(2 exx.)

104.1 ʃ:S:S:X:X:X

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
399 (“long”)	rhañ	səŋ ⁵⁵	səŋ ⁵⁵	xiŋ ⁵¹	xaŋ ⁵⁵	xaŋ ³¹
520 (“shy”)	rhak	nɔŋ ³¹ sɔŋ ⁵⁵	ɲɔŋ ⁵⁵ sɔŋ ⁵⁵	xoŋ ⁵⁵	xaŋ ⁵⁵	xɔŋ ⁵⁵
502 (“the front (front side)”)	rhe ⁵³	nɔŋ ⁵⁵ siŋ ³¹	ɲɔŋ ⁵⁵ sai ³⁵	xi ⁵⁵	xəi ³⁵	Ø
2139 (“fast”)	Ø	Ø	Ø	xan ⁵¹	xɛ̃ ⁵⁵	xəŋ ³¹
2379 (“the bat”)	Ø	Ø	Ø	phe ⁵⁵ xi ⁵⁵	phaŋ ⁵⁵ xəi ³¹	phɔŋ ⁵⁵ xək ⁵⁵
2578 (“the gold”)	Ø	Ø	Ø	xiŋ ⁵¹	xaŋ ⁵⁵	xaŋ ³¹
546 (“to plant (vegetals, rice)”)	Ø	sɔ ³¹	sɔ ³¹	xo ²¹	xa ³⁵	xɔ ³⁵
775 (“the otter”)	Ø	sam ⁵⁵	Ø	xam ⁵¹	xɛ̃ ⁵⁵	xɛ̃ ³¹
234 (“yellow”)	Ø	Ø	Ø	xui ⁵¹	Ø	xui ³¹
597 (“the mud”)	rho ₁ m ¹	Ø	Ø	Ø	Ø	Ø
3057 (“to swim”)	Ø	Ø	Ø	Ø	γəi ⁵⁵ xɛ̃ ³¹	γək ³¹ xɛ̃ ³¹

104.2 ʃ:S:S:Ø:Ø:ʔf

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2579 (“the gold”)	rhuy ²	se ⁵⁵	se ⁵⁵	Ø	Ø	Ø
128 (“two”)	Ø	sək ⁵⁵	sɔk ⁵⁵	Ø	Ø	ʃik ⁵⁵

104.3 ʃ:X:c^h:k^hj:k^hj:k^hj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
811 (“the road”)	Ø	xa ⁵⁵ mzua ³¹	cho ⁵⁵ mɔ ³¹	khjo ⁵¹	khäk ⁵⁵ khja ⁵⁵	khjo ³¹
2193 (“cut (meat) (v.)”)	rha ¹	xa ³¹	Ø	Ø	Ø	Ø
2607 (“the horn (woodwind)”)	Ø	pe ³¹ xɛ ³¹	Ø	pji ²¹ khje ⁵⁵	Ø	pji ⁵⁵ khje ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2186 (“inhale (v.)”)	rhū²	∅	jo³¹	∅	saɪ ⁷⁵⁵ tau ³⁵ ʃɛ ⁵⁵	ʃɛ³¹
730 (“to be afraid”)	∅	zoɪ⁵⁵	ju⁵⁵	∅	∅	∅

Old Burmese “**ṛj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ṛj	ṛ	ṛ	ṛ	ṛ	ṛ	(1 ex.)

105.1 **ṛj·ṛ·ṛ·ṛ·ṛ·ṛ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
249 (“eight”)	rhyat	ṛet ⁵⁵	ṛet ⁵⁵	ṛit ⁵⁵	ṛeṛ ⁵⁵	ṛeṛ ⁵⁵

Old Burmese “s”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	s	ʃ	ʃ	ʃ	ʃ	ʃ	(13 exx.)
#2	s	ʃ	ʃ	s	s	s	(2 exx.)
#3	s	s	s	s	s	s	(30 exx.)
#4	s	s	s	s	ʔs	ʔs	(1 ex.)
#5	s	s	s	s	s	ʔs	(1 ex.)
#6	s	ʃ	ʃ	s	s	ʔs	(3 exx.)
#7	s	x	x	x	x	ʔk	(4 exx.)
#8	s	∅	∅	ʃ	s	s	(2 exx.)
#9	s	z	s	ʔts	ʔts	ts	(2 exx.)
#10	s	∅	∅	∅	∅	∅	(1 ex.)

106.1 s:ʃ:s:ʃ:f:f

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
37 (“the fish”)	asāḥ ³	ʃua ³¹	ʃɔ ³¹ pɔk ⁵⁵	ʃo ²¹	ʃa ³⁵	ʃɔ ³⁵
286 (“bear (fruit) (v.)”)	muivḥ ³ siḥ ³	ʃə ³¹	ʃi ³¹	ʃi ²¹	ʃi ³⁵	ʃi ³⁵
554 (“the louse”)	sanḥ ³	ʃan ³¹ u ^{ʔ31}	ʃan ³¹ u ³¹	ʃin ²¹ u ⁵⁵	ʃɔn ³⁵ u ³⁵	ʃin ³⁵ au ⁵⁵
137 (“the child (young human)”)	∅	∅	∅	tsó ²¹ ʃaŋ ⁵¹	tă ³¹ ʃɔ ⁵⁵	tsɔ ³⁵ ʃɔ ³¹
414 (“the bee”)	∅	∅	∅	ʃö ²¹ pik ²¹	ʃă ³⁵ pak ³¹	ʃɔ ³⁵ pak ³¹
2152 (“few”)	∅	∅	∅	ʃau ²¹	ʃau ³¹	ʃau ³¹
2627 (“the knife”)	∅	∅	∅	ʃam ⁵¹	ʃɛ ⁵⁵	ʃɛ ³¹
177 (“the corpse”)	siy	ʃi ⁵⁵ pɔza ⁵⁵	ʃi ⁵⁵	∅	ʃi ⁵⁵	ʃik ³¹
207 (“to drink”)	so ₂ k ⁴	∅	ʃu ^{ʔ55}	∅	ʃau ^{ʔ55}	ʃauk ⁵⁵
634 (“marry (v.)”)	∅	ʃa ⁵⁵	ʃa ⁵⁵	ʃe ⁵¹	ʃɛ ⁵⁵	ʃɛ ³¹
115 (“the sand”)	∅	∅	∅	∅	mɛ ⁵⁵ ʃa ⁵⁵	ma ³¹ ʃɔ ³¹
2520 (“the east”)	∅	∅	∅	pui ⁵¹ tho ^{ʔ55}	∅	pa ³¹ thuk ⁵⁵
52 (“straight”)	∅	∅	ʃa ³¹	ʃut ⁵⁵	∅	ʃat ⁵⁵

106.2 s:ʃ:s:s:s

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
285 (“the nail (fingernail or claw)”)	lak ⁴ sañḥ ³	lɔ ^{ʔ55} ʃəŋ ³¹	lɔ ^{ʔ55} ʃuŋ ³¹	lɔ ^{ʔ21} siŋ ²¹	la ^{ʔ31} saŋ ³⁵	lɔ ^{ʔ31} saŋ ³⁵
564 (“the liver”)	asañḥ ³	a ³¹ ʃəŋ ³¹	a ³¹ ʃuŋ ³¹	siŋ ²¹	saŋ ³⁵	saŋ ³⁵

106.3 S:S:S:S:S

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
47 (“the daughter”)	samiḥ ³	∅	∅	∅	∅	∅
274 (“the son”)	sa ³ mak ⁴	∅	∅	∅	∅	∅
374 (“the gums”)	so ₁ ³ phum ³	∅	∅	∅	∅	∅
375 (“this”)	sañ	∅	∅	∅	∅	∅
586 (“the rainbow”)	sak ⁴ tam ²	∅	∅	∅	∅	∅
795 (“the bird nest”)	ñhak ⁴ suik ⁴	∅	∅	∅	∅	∅
2083 (“the saliva”)	so ₁ ³ riy ²	∅	∅	∅	∅	∅
2776 (“the song”)	si ² khyañḥ ³	∅	∅	∅	∅	∅
2897 (“thin (object)”)	siy ³	∅	∅	∅	∅	∅
2974 (“to land / descend”)	chanḥ ³ sak ⁴	∅	∅	∅	∅	∅
3105 (“to yawn”)	sanḥ ³	∅	∅	∅	∅	∅
36 (“to flow”)	to ³ so ³	so ³¹	so ³¹	so ²¹	so ³⁵	su ³⁵
97 (“three”)	sumḥ ³	sum ³¹	sum ³¹	sum ²¹	sam ⁵⁵	sam ³¹
2506 (“understand (v.)”)	sa ¹ bo ₂ ³ po ₂ k ⁴	sa ³⁵	sa ³⁵	se ⁵⁵ ʔot ²¹	se ³⁵	se ⁵⁵
2561 (“the garlic”)	krak ⁴ suin ² phru ²	kä ³¹ sun ³⁵	son ³⁵	∅	son ³⁵	son ³⁵
487 (“the shoulder”)	∅	∅	lo ^{ʔ31} san ⁵⁵	ko ^{ʔ21} san ⁵¹	la ^{ʔ31} se ⁵⁵	lo ^{ʔ31} san ³¹
2915 (“to breathe”)	∅	∅	so ^{ʔ55}	so ^{ʔ55}	sa ^{ʔ55}	so ^{ʔ55}
761 (“the sand”)	sai	sä ³¹ le ⁵⁵	sa ³¹ le ³¹	sä ²¹ mui ⁵¹	∅	∅
2410 (“the bird nest”)	∅	mo ^{ʔ55} sut ⁵⁵	ño ^{ʔ55} sut ⁵⁵	ño ^{ʔ55} sut ⁵⁵	ña ^{ʔ55} sot ⁵⁵	ño ^{ʔ55} sat ⁵⁵
132 (“to hide (conceal)”)	∅	sau ⁵⁵	sau ⁵⁵	∅	∅	∅
254 (“twenty”)	∅	tä ³¹ sau ⁵⁵	ta ³¹ sau ⁵⁵	∅	∅	∅
438 (“the grass”)	∅	sa ⁵⁵	sa ⁵⁵	∅	∅	∅
150 (“the fog”)	∅	∅	∅	sai ⁵⁵ von ²¹	sai ³⁵ vun ³¹	∅
649 (“young”)	∅	∅	∅	a ²¹ sak ²¹ ti ^{ʔ55}	a ³¹ sak ³¹ ñai ⁵⁵	∅
671 (“inhale (v.)”)	∅	∅	∅	se ⁵¹	sa ^{ʔ55} tau ³⁵	∅
666 (“the stick”)	∅	∅	∅	ne ²¹ se ²¹	və ⁵⁵ se ³¹	və ⁵⁵ se ³⁵
715 (“light (of weight)”)	∅	∅	∅	som ²¹	sō ³⁵	sum ³⁵
581 (“the sheep”)	suivḥ ³	∅	∅	sau ²¹ mji ⁵⁵	∅	∅
413 (“the arm”)	∅	lo ^{ʔ55} san ⁵⁵	∅	san ²¹	∅	∅
252 (“the tree”)	∅	san ³¹ tseṅ ⁵⁵ tan ³¹	∅	∅	∅	∅

106.4 S:S:S:S:S

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
166 (“to kill”)	sat ⁴	sat ⁵⁵	sat ⁵⁵ phut ⁵⁵	sat ²¹	se ^{ʔ55}	se ^{ʔ55}

106.5 s:s:s:s:s:²s

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
205 (“to wipe”)	sut	sut ⁵⁵	sut ⁵⁵	sut ⁵⁵	sɔt ⁵⁵	sat ⁵⁵

106.6 s:ʂ:s:s:s:²s

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
120 (“the branch”)	sac	ʂək ⁵⁵	ʂuk ⁵⁵ tɕuŋ ⁵⁵	sik ⁵⁵ tum ⁵⁵	sak ⁵⁵ tam ³⁵	sak ⁵⁵ thauŋ ³⁵
325 (“new”)	sac	ʂək ⁵⁵	ʂuk ⁵⁵	a ²¹ sik ⁵⁵	sak ⁵⁵	sak ⁵⁵
2903 (“hungry”)	∅	ʂut ⁵⁵	∅	vui ⁵¹ sit ⁵⁵	∅	∅

106.7 s:x:x:x:x:²k

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3102 (“to yawn”)	∅	a ⁵⁵ xam ³¹	it ⁵⁵ xam ³¹	ä ²¹ xam ²¹	a ³¹ xam ⁵¹	∅
3103 (“to yawn”)	∅	xam ³¹ a ⁵⁵ xam ³¹	xam ³¹ it ⁵⁵ xam ³¹	xam ²¹ ä ²¹ xam ²¹	xam ³¹ a ³¹ xam ⁵¹	∅
331 (“who”)	sū	xam ³¹ xau ⁵⁵	xam ³¹ xau ⁵⁵	xam ²¹ ∅	xam ³¹ ∅	∅
2109 (“do / make (v.)”)	∅	xot ⁵⁵	xut ⁵⁵	∅	∅	kat ⁵⁵

106.8 s:Ø:Ø:ʃ:s:s

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
92 (“the blood”)	suyḥ	∅	∅	∅	sui ³⁵	sa ³⁵
571 (“the rainbow”)	∅	∅	∅	voʔ ²¹ kan ²¹ [iŋ ⁵⁵ jan ²¹]	yaʔ ³¹ kɛ ³¹ saŋ ⁵⁵ ŋjuŋ ⁵⁵	yoʔ ³¹ kaŋ ³⁵ saŋ ³¹ ŋjɔ ³¹

106.9 s:z:s:²ts:²ts:ts

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2201 (“learn (v.)”)	cā ² san ²	zəŋ ³¹	sɔn ³⁵	∅	∅	∅
2661 (“the millet”)	∅	∅	sap ⁵⁵	tsap ⁵⁵	tsɛʔ ⁵⁵	tsɛʔ ⁵⁵

106.10 s:Ø:Ø:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2338 (“tasty / delicious”)	cāḥ ³ luiv ¹ ko ₂ n ³ sañ ²	∅	∅	∅	∅	∅

Old Burmese “t”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	t	t	t	t	t	t	(38 exx.)
#2	t	Ø	Ø	Ø	Ø	Ø	(3 exx.)
#3	t	t ^h	t ^h	?t	?t	t	(6 exx.)
#4	t	Ø	Ø	Ø	Ø	Ø	(1 ex.)

107.1 **t:t:t:t:t**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
81 (“to lie down”)	tui ³ luri ³	Ø	Ø	Ø	Ø	Ø
	lhai ³					
108 (“the sickle”)	tai ² cyān ²	Ø	Ø	Ø	Ø	Ø
149 (“here”)	ato ₁ i ^h	Ø	Ø	Ø	Ø	Ø
163 (“the pit (stone of fruit)”)	u ² tui ²	Ø	Ø	Ø	Ø	Ø
188 (“the stick”)	tut ⁴	Ø	Ø	Ø	Ø	Ø
267 (“the cloud”)	tim	Ø	Ø	Ø	Ø	Ø
353 (“the buttocks”)	tai ² pā ^h ³	Ø	Ø	Ø	Ø	Ø
378 (“short”)	tuiv	Ø	Ø	Ø	Ø	Ø
405 (“one”)	tac ⁴ chiy ²	Ø	Ø	Ø	Ø	Ø
587 (“the rainbow”)	sak ⁴ tam ²	Ø	Ø	Ø	Ø	Ø
621 (“crow (of cocks (v.))”)	tuin ²	Ø	Ø	Ø	Ø	Ø
735 (“punish (v.)”)	daṅtap ⁴	Ø	Ø	Ø	Ø	Ø
814 (“the door”)	tai ² khā ^h ³	Ø	Ø	Ø	Ø	Ø
815 (“the elbow”)	tam ² to ₂ n ²	Ø	Ø	Ø	Ø	Ø
2285 (“shallow”)	tin ²	Ø	Ø	Ø	Ø	Ø
2398 (“the bed”)	ku ¹ tai ²	Ø	Ø	Ø	Ø	Ø
2433 (“the bridge”)	tam ² ta ³	Ø	Ø	Ø	Ø	Ø
3066 (“to tell”)	tui ²	Ø	Ø	Ø	Ø	Ø
203 (“the lip (the lips)”)	to ₂ n ² pa ¹ m	a ³¹ tui ⁵⁵	a ³¹ tui ⁵⁵	tui ⁵¹	tau ⁵⁵	tau ³¹
2082 (“crawl (of people) (v.)”)	to ³ so ³	to ³¹	to ³¹	to ²¹	to ³¹	tu ³⁵
131 (“one”)	ta ¹ vak ⁴	ta ³¹	ta ³¹ sau ⁵⁵	Ø	ta ³¹	ta ³¹
2114 (“dull”)	tui ³	təm ³⁵	tum ³¹	tum ²¹	Ø	tam ³⁵
182 (“to dig”)	tū ^h ³	tu ³¹	tu ³¹	Ø	Ø	tau ³⁵
497 (“the earthworm”)	Ø	ta ⁵⁵	ta ⁵⁵	Ø	va ⁷³¹ tai ⁵⁵	vo ⁷³¹ tai ³¹
2452 (“the buttocks”)	Ø	tənam ³¹ tō ³¹	khu ⁵⁵ tui ³¹	tō ²¹	tui ³¹	tui ³⁵
54 (“twenty”)	tachay	tā ³¹ sau ⁵⁵	Ø	Ø	tā ³¹ thai ⁵⁵	Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2209 (“look like / resemble (v.)”)	tū	tu ⁵⁵	∅	∅	tu ⁵⁵	∅
460 (“the willow”)	∅	∅	∅	pan ²¹ tu ²¹	γəi ⁵⁵ pə ⁵⁵ tu ³¹	pəŋ ³¹ tau ³⁵
590 (“to be alive”)	∅	∅	∅	tui ⁵¹ e ⁵⁵	kɛ ⁵⁵	tɔi ³¹ kau ³⁵
59 (“to push”)	to ₁ nḥ	tun ³¹	tun ³¹	∅	a ³¹ tui ⁵⁵	∅
2282 (“shake / quake (v.)”)	∅	∅	∅	nun ⁵⁵ tui ⁵¹	tui ⁵⁵	∅
2537 (“the face”)	∅	∅	∅	mjo ²¹ toŋ ²¹	mja ²¹ tuŋ ³¹	∅
157 (“we [first person plural inclusive]”)	∅	nuaj ⁵⁵ tu ²¹	nɔŋ ⁵⁵ tu ³⁵	∅	∅	∅
469 (“look like / resemble (v.)”)	∅	∅	tut ⁵⁵	tut ²¹	∅	tø ²¹
2007 (“assess / estimate (v.)”)	∅	tak ⁵⁵	tak ⁵⁵	tak ²¹	∅	∅
2011 (“bald”)	tun ³	∅	∅	∅	∅	tauŋ ³⁵
13 (“straight”)	∅	saŋ ³¹ tseŋ ⁵⁵	∅	∅	tɛ ³⁵	∅
644 (“the bud”)	∅	tan ³¹ kan ³¹ tam ⁵¹ təm ³¹	∅	∅	∅	∅

107.2 t:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2004 (“angry”)	dɔ ³ po ¹	∅	∅	∅	∅	∅
2254 (“punish (v.)”)	dan ² tap ⁴	∅	∅	∅	∅	∅
2894 (“the wound”)	dan ² ra ²	∅	∅	∅	∅	∅

107.3 t:t^h:t^h:?t:?²t:t

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2084 (“crow (of cocks) (v.)”)	∅	thun ⁵⁵	thun ⁵⁵	tun ⁵¹	tɔn ⁵⁵	tun ³¹
445 (“the thigh”)	∅	∅	∅	taŋ ²¹ pau ⁵⁵	tɕ ³⁵ pau ³¹	tɕ ⁵⁵ puk ⁵⁵
2168 (“forget (v.)”)	∅	∅	∅	to ²¹ mji ⁵⁵	tɔ ³¹ mɔi ³¹	tɔ ⁵⁵ mjik ⁵⁵
743 (“the bridge”)	tam ² to ₂ n ²	∅	lo ²¹ thom ³¹	∅	∅	∅
2281 (“shake / quake (v.)”)	tun ²	than ³⁵	∅	∅	∅	∅
2028 (“bloated, feel (of the stomach) (v.)”)	∅	∅	∅	∅	taŋ ³⁵	taŋ ³⁵

107.4 t:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
362 ("to think (reflect)")	tuyḥ	Ø	Ø	Ø	Ø	Ø

Old Burmese “**ts**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ts	ts	ts	tʃ	tʃ	tʃ	(25 exx.)
#2	ts	tɕ	c	ts	t	ts	(8 exx.)
#3	ts	ts	tʃ	ts	t	ts	(5 exx.)
#4	ts	tɕ	c	ts	t	t	(11 exx.)
#5	ts	t	t	ʔt	t	ʔt	(2 exx.)
#6	ts	s	ʃ	s	Ø	Ø	(2 exx.)

108.1 **ts:ts:ts:tʃ:tʃ:tʃ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
272 (“to play”)	ka ¹ cāḥ ³	Ø	Ø	Ø	Ø	Ø
277 (“the mouth”)	pāḥcap	Ø	Ø	Ø	Ø	Ø
401 (“green”)	cimḥ	Ø	Ø	Ø	Ø	Ø
2045 (“bunch (of vegetables)”)	cañ ³	Ø	Ø	Ø	Ø	Ø
2203 (“line up (v.)”)	ci ²	Ø	Ø	Ø	Ø	Ø
2313 (“spicy”)	cap ⁴	Ø	Ø	Ø	Ø	Ø
2326 (“suck (v.)”)	cuiv ¹	Ø	Ø	Ø	Ø	Ø
2347 (“teach (v.)”)	cā ² sañ ²	Ø	Ø	Ø	Ø	Ø
3074 (“to tie”)	cañ ³	Ø	Ø	Ø	Ø	Ø
3079 (“to wait”)	co ₂ ḥ ¹	Ø	Ø	Ø	Ø	Ø
2 (“the pit (stone of fruit)”)	guy ³ ce ¹	ṇi ³¹ tsi ^{ʔ31}	li ⁵³ tsi ³¹	nji ²¹ tʃi ⁵⁵	ṇji ³⁵ tʃi ³⁵	nji ³⁵ tʃik ⁵⁵
3042 (“to soak / steep”)	sim ²	tsin ⁵⁵	tsin ⁵⁵	Ø	tʃam ⁵⁵	tʃam ³¹
435 (“to give”)	Ø	tsi ³¹	tsi ³¹	Ø	Ø	Ø
477 (“to play”)	Ø	tse ^{ʔ55}	tse ^{ʔ55}	Ø	Ø	Ø
2002 (“angry”)	Ø	tsit ⁵⁵	tsit ⁵⁵	Ø	Ø	Ø
2472 (“the clothes”)	Ø	tse ³¹	tsi ³¹	Ø	Ø	Ø
484 (“the sparrow”)	cā ²	Ø	Ø	tʃo ⁵¹ k ^h jaŋ ⁵⁵	tʃə ^{ʔ31} k ^h jə ³⁵	tʃə ³¹ k ^h jə ⁵⁵
2095 (“blind, be (v.)”)	Ø	nɔ ^{ʔ55} tset ⁵⁵	ɲɔ ^{ʔ55} tset ⁵⁵	mjo ^{ʔ21} tʃit ²¹	mja ^{ʔ31} tʃɔt ³¹	mjo ^{ʔ31} tʃik ³¹
3015 (“to ride”)	ciḥ ³	tsi ³¹	tsi ³¹	tʃi ²¹	Ø	Ø
2092 (“damaged, be (house) / cave in (v.)”)	Ø	Ø	Ø	tʃe ^{ʔ21}	tʃak ³¹	Ø
2623 (“the kidney”)	Ø	Ø	Ø	tʃin ⁵⁵ lɔm ²¹	tʃɔn ³⁵ lam ³¹	Ø
2063 (“chop / cut (meat) (v.)”)	Ø	Ø	Ø	tʃap ²¹	tʃe ^{ʔ31}	tʃe ^{ʔ31}
2073 (“compensate (v.)”)	Ø	Ø	phui ⁵¹ tsi ³¹	Ø	tʃai ³⁵	Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3014 (“to ride”)	∅	∅	∅	∅	tʃui ³¹	tʃui ³⁵
601 (“marry (v.)”)	∅	tsaŋ ³¹ zi ³¹	∅	∅	∅	∅

108.2 **ts:tɕ:c:ts:t:ts**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
360 (“the cooked rice”)	a ¹ cā ² im ²	tcɔ ⁵⁵	cɔ ⁵⁵	ŋɔ ²¹ tso ²¹	ŋə ³¹ ta ³¹	ŋə ³¹ tsɔ ³¹
113 (“the gums”)	∅	teoi ⁵⁵	cui ⁵⁵	tsui ⁵¹	tui ⁵⁵	tsɔi ³¹
121 (“the son-in-law”)	∅	∅	∅	∅	tā ³¹ ma ⁷⁵⁵	tsɔ ³⁵ mɔ ⁷³¹
2301 (“slow”)	∅	∅	∅	∅	ta ³⁵	tsɔ ⁵⁵
2802 (“the stone”)	∅	∅	∅	∅	lau ⁷³¹ taŋ ³¹	lauk ³¹ tsaŋ ³¹
239 (“to eat”)	cāh ³	∅	∅	∅	ta ³¹	tsɔ ³⁵
220 (“the year”)	∅	∅	∅	tsan ⁵¹	tɛ ⁵⁵	tsəŋ ³¹
474 (“to hold”)	∅	∅	∅	tsui ²¹	∅	tsɔi ³⁵

108.3 **ts:ts:tɕ:ts:t:ts**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
767 (“the neck”)	paŋ ² cañ ²	saŋ ³¹ tseŋ ⁵⁵	ʃuk ⁵⁵ tɕuŋ ⁵⁵	∅	laŋ ⁵⁵ taŋ ³¹	laŋ ³¹ tsaŋ ³⁵
322 (“the child (young human)”)	∅	tan ³¹ tsā ³¹ oi ³¹	∅	tsɔ ²¹ faŋ ⁵¹	tā ³¹ ʃ ⁵⁵	tsɔ ³⁵ ʃ ³¹
2491 (“the cow”)	∅	ŋo ³¹ tseŋ ³⁵	∅	∅	nɔ ³¹ taŋ ⁵⁵	nüŋ ³⁵ tsaŋ ³¹
2804 (“the summer”)	∅	tsan ⁵⁵	∅	tsan ⁵¹ nam ⁵⁵	∅	tsəŋ ³¹
2879 (“the pine”)	∅	xai ⁷⁵⁵ tseŋ ⁵⁵	tsɛ ³¹ pek ^{35a31} tɕuŋ ⁵⁵	∅	∅	∅

108.4 **ts:tɕ:c:ts:t:t**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
22 (“to vomit”)	∅	∅	∅	∅	tau ⁷³¹	tauk ³¹
77 (“the belly”)	∅	∅	∅	∅	vɛ ³¹ tau ³¹	vɛ ³⁵ tuk ³¹
138 (“to fly (move through air)”)	∅	∅	∅	∅	tɕ ³¹	tɕ ³⁵
358 (“cloudy, be (sky) / overcast (v.)”)	∅	∅	∅	∅	mau ³¹ tap ⁵⁵	muk ⁵⁵ tap ³¹
2640 (“the leech”)	∅	∅	∅	∅	təŋ ³¹ pjen ³¹	təŋ ³¹ pjen ³¹
2746 (“the scar”)	∅	∅	∅	∅	tɛ ⁵⁵ khɔ ⁵⁵	tɛ ³¹ khɔ ³¹
2988 (“to pee”)	∅	∅	∅	∅	tak ⁵⁵	tak ⁵⁵
2407 (“the drum”)	cañ ²	tcɛŋ ⁵⁵	∅	tsiŋ ⁵¹	taŋ ⁵⁵	∅
64 (“wet”)	cuiv	∅	co ⁷⁵⁵	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
140 (“the cloud”)	∅	xan ³¹ tein ³¹	ɕaŋ ⁵⁵ cin ³¹	∅	∅	∅
2111 (“bear (fruit) (v.)”)	∅	∅	∅	tsui ²¹	tui ³¹	∅

108.5 **ts:t:t:²t:t:²t**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2725 (“the rabbit”)	∅	pʒaŋ ⁵⁵ tai ⁵⁵	pʒaŋ ³¹ tai ⁵⁵	paŋ ⁵⁵ tai ⁵¹	paŋ ³¹ tai ⁵⁵	paŋ ³⁵ tai ⁵⁵
3048 (“to startle / disturb”)	lan ¹ ciy ²	∅	∅	loʔ ⁵⁵ tui ⁵¹	∅	∅

108.6 **ts:s:ʃ:s:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2039 (“bright”)	∅	səŋ ³¹	ʃaŋ ³¹	san ²¹ san ²¹	∅	∅
2218 (“make / cause (v.)”)	ciy ²	si ⁵⁵	∅	∅	∅	∅

Old Burmese “*tsj*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	tsj	∅	∅	∅	ʃ	ʃ (2 exx.)

109.1 **tsj:∅:∅:∅:ʃ:ʃ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
466 (“the sickle”)	taṁ²cyan²	∅	∅	∅	ʃṣ ⁵⁵ ṇṇ ³⁵	ʃṣ ³¹ ṇṇ ³⁵
2064 (“chop / cut (meat) (v.)”)	cyan	∅	∅	∅	∅	∅

Old Burmese “**ts^h**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ts ^h	tɕ ^h	c ^h	ts ^h	tʃ ^h	ts ^h	(1 ex.)
#2	ts ^h	tɕ	c	ts	t	ts	(1 ex.)
#3	ts ^h	tɕ ^h	c ^h	ts ^h	t ^h	ts ^h	(18 exx.)
#4	ts ^h	tɕ ^h	t ^h	ts ^h	ts ^h	ts ^h	(3 exx.)
#5	ts ^h	tɕ	c	ts	ts	ts	(3 exx.)
#6	ts ^h	ts ^h	ts ^h	tʃ ^h	tʃ ^h	tʃ ^h	(15 exx.)
#7	ts ^h	tɕ ^h	c ^h	ʔts	ʔts	ʔts	(2 exx.)
#8	ts ^h	tɕ ^h	ts ^h	ts ^h	t ^h	t ^h	(2 exx.)
#9	ts ^h	tɕ ^h	tɕ ^h	ʔts	ʔt	ʔts	(4 exx.)
#10	ts ^h	∅	∅	∅	∅	∅	(1 ex.)

110.1 **ts^h:tɕ^h:c^h:ts^h:tʃ^h:ts^h**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2072 (“compensate (v.)”)	pran ² chap ⁴	tchap ⁵⁵	chap ⁵⁵	tshap ⁵⁵	tʃhɛʔ ⁵⁵	tsheʔ ⁵⁵

110.2 **ts^h:tɕ:c:ts:t:ts**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2825 (“the thorn”)	chuiḥ ³	tɕo ³¹	cu ³¹	tsu ²¹	tu ³¹	tsau ³⁵

110.3 **ts^h:tɕ^h:c^h:ts^h:t^h:ts^h**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
268 (“the ant”)	puro ₁ kchip	∅	∅	∅	∅	∅
304 (“bad”)	chuiḥ	∅	∅	∅	∅	∅
339 (“to pull”)	choy	∅	∅	∅	∅	∅
408 (“to sing”)	chuiḥ	∅	∅	∅	∅	∅
431 (“the snow”)	chi ³ nhaiḥ ³	∅	∅	∅	∅	∅
830 (“the millet”)	chat ⁴	∅	∅	∅	∅	∅
2184 (“hungry”)	chā ²	∅	∅	∅	∅	∅
2210 (“look like / resemble (v.)”)	chan ²	∅	∅	∅	∅	∅
2396 (“the beard”)	mut ⁴ chit ⁴	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2568 (“the ghost”)	tac ⁴ chiy ²	∅	∅	∅	∅	∅
2717 (“the poison”)	a ¹ chip ⁴	∅	∅	∅	∅	∅
2975 (“to land / descend”)	chanh ³ sak ⁴	∅	∅	∅	∅	∅
2992 (“to pick”)	chuit ⁴	∅	∅	∅	∅	∅
421 (“the salt”)	chāh ³	teho ³¹	cho ³¹	tsho ⁵⁵	tha ³⁵	tsho ³⁵
129 (“twenty”)	nhacchay	∅	∅	i ⁵⁵ tshē ⁵¹	i ³⁵ thai ⁵⁵	ʃik ⁵⁵ tshe ³¹
2349 (“the animal oil”)	a ¹ chi ² khai ³	o ⁷⁵⁵ tcho ⁵⁵	∅	∅	∅	∅
2889 (“the winter”)	cho ² n̄h ³	tchōŋ ³¹	∅	∅	∅	∅
2853 (“the wall”)	∅	∅	∅	tshē ⁵⁵ vam ⁵¹	∅	tshā ³¹ ye ³¹

110.4 $ts^h:tç^h:t^h:ts^h:ts^h:ts^h$

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2671 (“the mortar”)	chui ²	tenam ³¹ tōŋ ³¹	kai ⁵⁵ thum ⁵¹	tshum ⁵¹	tʃhō ³¹	tshum ³⁵
287 (“the hair (of the head)”)	cham	∅	∅	u ²¹ tsham ⁵¹	tsham ⁵⁵	thauŋ ³¹
2142 (“the animal oil”)	chū	∅	∅	tshu ⁵¹	tshu ⁵⁵	tshau ³¹

110.5 $ts^h:tç:c:ts:ts:ts$

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2368 (“the axe”)	pu ¹ chin ²	u ³¹ teŋ ³¹	la ³¹ cuŋ ³¹	va ²¹ tsuŋ ²¹	və ³¹ tsauŋ ³¹	və ⁵⁵ tsauŋ ³¹
2432 (“the bridge”)	∅	team ⁵⁵	cam ⁵⁵	tsam ⁵¹	tsē ⁵⁵	tsē ³¹
2783 (“the spirit (evil) / demon”)	chui ³ v̄h ³ chiy ³	∅	sau ³⁵ ce ³¹	∅	∅	∅

110.6 $ts^h:ts^h:ts^h:tf^h:tf^h:tf^h$

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
433 (“the rice plant”)	chan ²	tshen ⁵⁵	tshen ⁵⁵	tʃhin ⁵¹	tʃhōn ⁵⁵	tʃhiŋ ³¹
90 (“this”)	∅	∅	∅	∅	tʃhə ⁵⁵	tʃhe ³¹
462 (“here”)	∅	∅	∅	∅	tʃhə ⁵⁵ mē ⁵⁵	tʃhē ³¹ mē ³¹
672 (“the armpit”)	∅	∅	∅	∅	la ⁷³¹ tʃhē ⁷⁵⁵	lɔ ⁷³¹ tʃhē ⁷⁵⁵
2240 (“piece (of egg)”)	∅	∅	∅	∅	tʃhē ⁷⁵⁵	tʃhē ⁷⁵⁵
2919 (“to buckle up / fasten (a belt)”)	∅	∅	∅	∅	tʃhui ³⁵	tʃhui ³⁵
2656 (“the medicine”)	chui ³ v̄h ³ chiy ³	∅	∅	tʃhi ²¹	mi ³¹ tʃh ³⁵	tʃhik ⁵⁵
3080 (“to wash”)	chiy ³ chiy ³	∅	tshi ³¹	tʃhi ²¹	tʃh ³⁵	tʃhik ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
610 (“the dew”)	∅	tshe ³¹	tshe ³¹	∅	∅	∅
2920 (“to buckle up / fasten (a belt)”)	∅	tshe ³¹	tshi ³¹	∅	∅	∅
3115 (“twist (a towel) (v.)”)	∅	tshit ⁵⁵	tshit ⁵⁵	∅	∅	∅
2180 (“grain (of rice)”)	∅	∅	∅	tjham ²¹	tjhẽ ⁵⁵	∅
2252 (“punish (v.)”)	∅	∅	∅	tjhup ⁵⁵	tjhap ⁵⁵	∅
659 (“the goat”)	chit	∅	∅	∅	∅	tjhat ⁵⁵ pẽ ⁵⁵
2874 (“the widow”)	∅	∅	∅	tjhui ²¹ mo ⁵⁵	tjhu ³⁵ ma ³¹ mi ³⁵	tjhuk ⁵⁵ mo ⁵⁵

110.7 **ts^h:tɕ^h:c^h:[?]ts:[?]ts:[?]ts**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
493 (“the lung”)	achut ⁴	a ³¹ te ^h ot ⁵³	a ³¹ chut ⁵⁵	tsut ⁵⁵	tsɔt ⁵⁵	tsat ⁵⁵
2758 (“the shoe”)	∅	∅	∅	∅	khji ⁵⁵ tsauj ³⁵	khjik ³¹ tsauj ³⁵

110.8 **ts^h:tɕ^h:ts^h:ts^h:t^h:t^h**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
53 (“ten”)	tachay	tehe ⁵⁵	ta ³¹ tshi ⁵⁵	tshe ⁵¹	tã ³¹ thai ⁵⁵	∅
2528 (“the elbow”)	∅	∅	∅	lo [?] 21mun ⁵⁵ thu ⁵⁵ tshum ⁵¹	la [?] 31mɔn ³⁵ tj ^h ɔ ³⁵ thauj ³¹	lɔ [?] 31mat ⁵⁵ thau ³⁵ thɔ ³¹

110.9 **ts^h:tɕ^h:tɕ^h:[?]ts:[?]t:[?]ts**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2938 (“to cough”)	khyo ₂ n ^h ³ chui v ^h ³	khzɔŋ ³¹ tshau ³¹	khzɔŋ ³¹ tshau ³¹	khju ²¹ tsau ²¹ tso ²¹	khjau ³⁵ tau ³¹ tau ³¹ ta ³⁵	khjau ³⁵ tsuk ⁵⁵ tsɔ ³⁵
2256 (“raise (chickens) (v.)”)	∅	∅	∅	∅	∅	∅
2834 (“the urine”)	chih ³	kã ³¹ tshə ³⁵	∅	∅	∅	∅
630 (“the knee”)	puchac	∅	phɔ [?] 31 tshuuk ⁵⁵	∅	∅	∅

110.10 **ts^h:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
549 (“the friend”)	mit ⁴ chuy ²	∅	∅	∅	∅	∅

Old Burmese “t^h”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	t ^h	t ^h	t ^h	t ^h	t ^h	t ^h	(26 exx.)
#2	t ^h	ts	∅	ʔtʃ	tʃ	∅	(1 ex.)
#3	t ^h	∅	∅	∅	∅	∅	(2 exx.)
#4	t ^h	∅	∅	∅	∅	∅	(1 ex.)

111.1 t^h:t^h:t^h:t^h:t^h:t^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
398 (“the hat”)	û ³ thup ⁴	∅	∅	∅	∅	∅
620 (“the foot”)	khriy ² tho ₂ k ⁴	∅	∅	∅	∅	∅
2223 (“marry (v.)”)	lak ⁴ thap ⁴	∅	∅	∅	∅	∅
2481 (“the cooked rice”)	tha ³ mañḥ ³	∅	∅	∅	∅	∅
2713 (“the plow”)	thay ²	∅	∅	∅	∅	∅
2913 (“to belch”)	kruiv ¹	∅	∅	∅	∅	∅
	thuivḥ ³					
2981 (“to listen”)	na ³ tho ₂ ñ ²	∅	∅	∅	∅	∅
3018 (“to send (a letter)”)	thañ ¹	∅	∅	∅	∅	∅
547 (“firewood”)	thañḥ	t ^h uaŋ ³¹	t ^h ɔŋ ³¹	t ^h aŋ ²¹	t ^h ɔ ³⁵	t ^h ɔ ³⁵
2652 (“use or lean on (a walking stic (v.))”)	tho ₂ k ⁴	thu ⁵⁵ zəŋ ³¹	thu [?] 55	thu [?] 55	thau [?] 55	thauk ⁵⁵
74 (“thick”)	thu ²	∅	∅	thu ⁵¹	thu ⁵⁵	thau ³¹
639 (“above”)	athak	∅	∅	t ^h o [?] 55mai ²¹	a ³¹ t ^h a [?] 55	t ^h ɔ [?] 55mɛ ³¹
323 (“sharp”)	thak	tho [?] 55	∅	tho [?] 55	tha [?] 55	tho [?] 55
472 (“to sing”)	∅	∅	∅	tho ⁵¹	tho ⁵⁵	thu ³¹
2127 (“exchange (v.)”)	∅	∅	∅	thai ⁵⁵ lum ²¹	thai ³⁵ lam ³⁵	tha ⁵⁵
2462 (“the chin”)	∅	∅	∅	am ⁵¹ thaŋ ⁵⁵	ɛ̃ ⁵⁵ thɔ ⁵⁵	ɛ̃ ³¹ thɔ ³¹
61 (“that”)	thuiv	the ⁵⁵	the ⁵⁵	∅	∅	tho ³¹
66 (“there”)	∅	the ⁵⁵ tho [?] 55	the ⁵⁵ tho [?] 55	∅	thɔ [?] 55mɛ̃ ⁵⁵	tho ⁵⁵ mɛ ³¹
2518 (“the east”)	∅	pui ⁵⁵ tho [?] 55	n ⁵⁵ mɔ ⁵¹	pui ⁵¹ tho [?] 55	pui ⁵⁵ tho [?] 55	pa ³¹ thuk ⁵⁵
		pa ³¹	tho [?] 55pa ³¹	ʃut ⁵⁵		ʃat ⁵⁵
67 (“here”)	∅	the ⁵⁵ tho [?] 55	the ⁵⁵ tho [?] 55	∅	∅	∅
2692 (“the peanut”)	∅	thu ⁵⁵ lin ⁵⁵	tho ³¹ lin ³¹	∅	∅	∅
2971 (“to kick”)	∅	thep ³⁵	thip ³⁵	∅	∅	∅
2701 (“the pine”)	thañḥ ³ rüh ³	∅	∅	thaŋ ²¹ mo ⁵⁵	∅	thaŋ ⁵⁵ xu ³¹
				kam ⁵¹		
2059 (“chisel / bore (a hole) (v.)”)	tho ₁ ñ ³	thoŋ ³¹	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
575 (“late”)	∅	∅	∅	t ^h aj ⁵¹ kjo ⁵⁵	t ^h ʒ ⁵⁵ kja ³⁵	∅
2716 (“the plow”)	∅	thən ³⁵	∅	∅	∅	∅

III.2 t^h:ts:∅:²tʃ:tʃ:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2789 (“the square or squared”)	liy ³ tho ₂ n ¹	tseŋ ³¹	∅	mji ²¹ tʃun ⁵¹ tap ²¹	tʃon ⁵⁵	∅

III.3 t^h:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
369 (“to spit”)	thuyḥ	∅	∅	∅	∅	∅
3128 (“warm”)	nuyḥ ³ thuy ³	∅	∅	∅	∅	∅

III.4 t^h:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2628 (“the knife”)	dhah ³	∅	∅	∅	∅	∅

Old Burmese “**u**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	u	o	u	u	u	aw	(1 ex.)
#2	u	uʔ	u	u	u	au	(22 exx.)
#3	u	u	u	u	u	au	(7 exx.)
#4	u	au	au	∅	∅	∅	(2 exx.)
#5	u	∅	lu	u	∅	∅	(1 ex.)
#6	u	eʔ	ɔ	ə	ɛ	ɛ	(2 exx.)
#7	u	u	i	u	u	u	(2 exx.)
#8	u	∅	∅	au	au	au	(2 exx.)

112.1 **u:o:u:u:aw**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2825 (“the thorn”)	chūḥ³	tco³¹	cu³¹	tsu²¹	tu³¹	tsau³⁵

112.2 **u:u?:u:u:au**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
162 (“the pit (stone of fruit)”)	u²tuiṅ²	∅	∅	∅	∅	∅
335 (“seven”)	khunac	∅	∅	∅	∅	∅
351 (“the knee”)	dūḥ³	∅	∅	∅	∅	∅
635 (“the bud”)	a¹phu³	∅	∅	∅	∅	∅
681 (“the wolf”)	waiṅ²pu¹ luy²	∅	∅	∅	∅	∅
2113 (“drunk”)	mu³	∅	∅	∅	∅	∅
2370 (“the axe”)	pu¹chin²	∅	∅	∅	∅	∅
2553 (“the forehead”)	na¹phūḥ³	∅	∅	∅	∅	∅
2768 (“the snail”)	kha¹ru¹pak⁴ kyi¹	∅	∅	∅	∅	∅
2876 (“the widow”)	mu¹chuiṅ³ ma¹	∅	∅	∅	∅	∅
3110 (“turn over (on bed) (v.)”)	lūḥ³lhim¹	∅	∅	∅	∅	∅
74 (“thick”)	thu²	∅	∅	thu⁵¹	thu⁵⁵	thau³¹
2616 (“the intestines”)	ū²	∅	∅	u⁵¹	u⁵⁵	au³¹
2940 (“to cross (a river)”)	riy²ku³	∅	∅	ku²¹	ku³¹	kau³⁵
244 (“the nit”)	u	ṣan³¹u^{ʔ31}	ṣan³¹u³¹	ṣin²¹u⁵⁵	ṣon³⁵u³⁵	ṣin³⁵au⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
535 (“noon”)	∅	∅	∅	ŋji ⁵⁵ kuŋ ⁵¹	ŋji ³⁵ kauŋ ³¹	∅
2471 (“the clothes”)	∅	∅	∅	tu ²¹	tu ⁵⁵	∅
2954 (“to get / acquire”)	∅	∅	∅	pu ²¹	pu ³¹	∅
460 (“the willow”)	∅	∅	∅	vo ⁵⁵ ju ⁵¹	mjɔ̃ ³¹ ju ⁵⁵	∅
2355 (“the arm”)	∅	∅	∅	pan ²¹ tu ²¹	γəi ⁵⁵ pɛ̃ ⁵⁵ tu ³¹	pəŋ ³¹ tau ³⁵
2142 (“the animal oil”)	∅	∅	∅	loʔ ²¹ pu ⁵⁵	kɛ̃ ⁵⁵ laʔ ³¹ pu ³⁵	lɔʔ ³¹ pau ³⁵
191 (“dirty”)	chū	∅	∅	tshu ⁵¹	tshu ⁵⁵	tshau ³¹
	∅	∅	∅	∅	lu ³⁵	lau ³⁵

112.3 u:u:u:u:au

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
447 (“the axe”)	û ³ thup ⁴	u ³¹ suŋ ³¹	u ³¹ kɔŋ ³¹	u ²¹ lum ²¹	u ³⁵ lam ³¹	au ³⁵ lam ³⁵
182 (“to dig”)	tūḥ ³	tu ³¹	tu ³¹	∅	∅	tau ³⁵
2397 (“the bed”)	ku ¹ tañ ²	ku ³⁵	ku ³⁵	ku ⁵⁵	∅	∅
2509 (“the door”)	∅	pă ³¹ tu ³⁵	pak ³¹ tu ³⁵	∅	∅	∅
2617 (“the intestines”)	∅	a ³¹ u ⁵⁵	a ³¹ u ⁵⁵	∅	∅	∅
539 (“hot”)	pū	pu ⁵⁵	pu ⁵⁵	∅	∅	∅
2209 (“look like / resemble (v.)”)	tū	tu ⁵⁵	∅	∅	tu ⁵⁵	∅

112.4 u:au:au:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
331 (“who”)	sū	xau ⁵⁵	xau ⁵⁵	∅	∅	∅
561 (“the spider”)	pañ ¹ kū	∅	koŋ ³¹ kau ⁵⁵	∅	∅	∅

112.5 u:∅:lu:u:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2161 (“fight / vie for (v.)”)	lu ¹ yak ⁴	∅	lu ³⁵	lu ⁵⁵ lum ²¹	∅	∅

112.6 u:ɛʔ:ɔ:ə:ɛ:ɛ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2186 (“inhale (v.)”)	rhū ²	∅	jɔ ³¹	∅	saʔ ⁵⁵ tau ³⁵ ʃɛ ⁵⁵	ʃɛ ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
615 (“the wheat”)	Ø	meʔ ³¹ tsɿ ⁵⁵	Ø	mə ⁵⁵ ja ²¹ ŋjaŋ ²¹	mɛ ³¹ ja ⁵¹	Ø

112.7 **u:u:i:u:u:u**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2406 (“the bell”)	Ø	tchu ⁵⁵	thi ³¹ liŋ ³¹	tʃu ⁵¹	tʃu ⁵⁵	tʃu ³¹
2703 (“the pine”)	thanɿ ³ rüh ³	Ø	Ø	Ø	Ø	thaj ⁵⁵ xu ³¹

112.8 **u:Ø:Ø:au:au:au**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
15 (“the ant”)	puro ₁ kchip	Ø	Ø	pau ⁵¹ vo ² ⁵⁵	Ø	Ø
2152 (“few”)	Ø	Ø	Ø	fau ²¹	fau ³¹	fau ³¹

Old Burmese “uj”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	uj	uj	uj	uj	au	uk	(1 ex.)
#2	uj	uj	uj	∅	∅	ɔj	(1 ex.)
#3	uj	uj	uj	uj	uj	a	(15 exx.)
#4	uj	e	ε	je	∅	j∅	(2 exx.)

113.1 **uj:uj:uj:uj:au:uk**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
321 (“the beard”)	amuyḥ ³	a ³¹ mui ³¹	ɲɔ ²⁵⁵ mui ³¹	ʃɔ ²¹ mau ⁵⁵	a ³¹ mau ³⁵	ʃ ³⁵ muk ⁵⁵

113.2 **uj:uj:uj:∅:∅:ɔj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2763 (“the silver”)	ṇuy ²	ṇui ⁵⁵	ṇui ⁵⁵	∅	ṇ∅ ⁵⁵	ṇɔi ³¹

113.3 **uj:uj:uj:uj:a**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
362 (“to think (reflect)”)	tuyḥ	∅	∅	∅	∅	∅
369 (“to spit”)	thuyḥ	∅	∅	∅	∅	∅
549 (“the friend”)	mit ⁴ chuy ²	∅	∅	∅	∅	∅
682 (“the wolf”)	wam ² pu ¹ luy ²	∅	∅	∅	∅	∅
2172 (“fragrant”)	mhuy ³	∅	∅	∅	∅	∅
2257 (“raise (chickens (v.))”)	muy ³	∅	∅	∅	∅	∅
2696 (“the pestle”)	kyañ ² puy ¹	∅	∅	∅	∅	∅
2805 (“the summer”)	nui ²	∅	∅	∅	∅	∅
2823 (“the testicles”)	guy ³ ce ¹	∅	∅	∅	∅	∅
2917 (“to breathe”)	a ¹ ṇuy ¹	∅	∅	∅	∅	∅
3128 (“warm”)	nuyḥ ³ thuy ³	∅	∅	∅	∅	∅
198 (“the dog”)	mliykhuyḥ	pum ⁵⁵ xui ³¹	pum ⁵⁵ fui ³¹	vam ⁵¹ k ^h ui ²¹ mo ⁵⁵	mjaṇ ⁵⁵ k ^h ui ³⁵ sui ³⁵	mjaṇ ³¹ k ^h a ³⁵
92 (“the blood”)	suyḥ	∅	∅	∅	∅	sa ³⁵
211 (“bear (fruit) (v.)”)	∅	∅	∅	tsui ²¹	tui ³¹	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2282 (“shake / quake (v.)”)	∅	∅	∅	nun ⁵⁵ tui ⁵¹	tui ⁵⁵	∅

113.4 **uj:e:ε:je:Ø:jø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2579 (“the gold”)	rhuy ²	se ⁵⁵	se ⁵⁵	∅	∅	∅
3126 (“warm”)	nuyh ³ thuy ³	∅	∅	ηje ²¹	∅	ηjə ³⁵

Old Burmese “*um*”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	um	am	um	um	am	um	(1 ex.)
#2	um	əm	um	um	∅	am	(1 ex.)
#3	um	um	um	um	am	am	(17 exx.)
#4	um	uŋ	oŋ	uŋ	auŋ	auŋ	(3 exx.)
#5	um	uŋ	oŋ	aŋ	ɔʔ	ɔʔ	(2 exx.)
#6	um	∅	um	om	øʔ	um	(2 exx.)

114.1 ***um:am:um:um:am:um***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2671 (“the mortar”)	chuiⁿ2	tənam³¹təŋ³¹	kai⁵⁵thum⁵¹	tshum⁵¹	tʃhɔ̃³¹ tsham⁵⁵	tshum³⁵ thauŋ³¹

114.2 ***um:əm:um:um:∅:am***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2114 (“dull”)	tuiⁿ3	təm³⁵	tum³¹	tum²¹	∅	tam³⁵

114.3 ***um:um:um:um:am:am***

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
97 (“three”)	sumḥ³	sum³¹	sum³¹	sum²¹	sam⁵⁵	sam³¹
430 (“above”)	nhalumḥ³	ŋa⁵⁵lum³¹	ŋɔ³¹lum³¹	nik⁵⁵lum²¹	nak⁵⁵lam³¹	nak⁵⁵lam³⁵
81 (“to lie down”)	tuiⁿ3lum³	∅	∅	∅	∅	∅
82 (“to lie down”)	lhai³ tuiⁿ3luiⁿ3	∅	∅	∅	∅	∅
2068 (“cloudy, be (sky) / overcast (v.)”)	lhai³ muiv³uiⁿ1	∅	∅	∅	∅	∅
2535 (“the eyebrow”)	myak⁴	∅	∅	∅	∅	∅
2591 (“the gums”)	khuiⁿ3muy³ so¹3phuⁿ3	∅	∅	∅	∅	∅
344 (“to fight”)	∅	∅	∅	pat²¹lum²¹	pɛ^{ʔ31}lam³⁵	pɛ^{ʔ31}lam³¹
453 (“the head”)	∅	∅	∅	u²¹lum²¹	u³⁵lam³¹	au³⁵lam³⁵
2260 (“rely / lean on (v.)”)	∅	∅	∅	lum⁵¹	lam⁵⁵	lam³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2508 (“the door”)	∅	∅	∅	khum²¹	kham³⁵	kham³⁵
542 (“the mountain”)	∅	pum⁵⁵xui³¹	pum⁵⁵fui³¹	pum⁵¹	pam⁵⁵	pam³¹
143 (“the cloud”)	∅	∅	∅	∅	tʃam⁵⁵	tʃam³¹thoi³⁵
648 (“the bud”)	∅	∅	∅	∅	pɛ̃³¹tʃam³⁵	pəj³⁵tʃam³¹
216 (“the wood (material)”)	∅	∅	∅	sik⁵⁵tum⁵⁵	sak⁵⁵tam³⁵	∅
3127 (“warm”)	∅	lum⁵⁵	lum⁵⁵	∅	lam⁵⁵	∅
691 (“exchange (v.)”)	∅	∅	∅	lu⁵⁵lum²¹	lɔt⁵⁵lam³⁵	∅

114.4 **um:uŋ:oŋ:uŋ:auŋ:auŋ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
455 (“middle”)	∅	ni³¹kuŋ⁵⁵	a³¹koŋ⁵⁵	ŋji⁵⁵kuŋ⁵¹ tu²¹	və̃³¹kaŋ³¹	və̃³¹kaŋ³⁵
2513 (“the drum”)	bui²	∅	koŋ³¹poŋ³⁵	∅	∅	tsaj³¹paŋ³⁵
2011 (“bald”)	tui³	∅	∅	∅	∅	taŋ³⁵

114.5 **um:uŋ:oŋ:aŋ:ɔ ~ :ɔ ~**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
259 (“the spider”)	∅	kuŋ³¹kai³⁵	koŋ³¹kau⁵⁵	a⁵⁵kaŋ²¹	p^hi³¹kɔ̃³¹	p^hjɔ̃³¹kɔ̃³⁵
611 (“the shoulder”)	pakhuṃḥ	zai⁵⁵ xuŋ³¹pau³¹	∅	∅	∅	∅

114.6 **um:Ø:um:om:ø ~ :um**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2212 (“lower (the head) (v.)”)	ŋum¹	∅	ŋum³⁵	ŋom⁵⁵	∅	∅
715 (“light (of weight)”)	∅	∅	∅	som²¹	sø̃³⁵	sum³⁵

Old Burmese “**un**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	un	an	aŋ	∅	∅	am	(5 exx.)

115.1 **un:an:aŋ:∅:∅:am**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
225 (“the dust”)	phun	∅	∅	∅	∅	∅
2959 (“to hate”)	mun ³	∅	∅	∅	∅	∅
2281 (“shake / quake (v.)”)	tun ²	than ³⁵	∅	∅	∅	∅
139 (“the cloud”)	∅	xan ³¹ zai ⁵⁵	çaŋ ⁵⁵ cin ³¹	∅	∅	∅
388 (“the fog”)	∅	∅	çaŋ ⁵⁵ cin ³¹	∅	∅	tjam ³¹ thoi ³⁵

Old Burmese “**up**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
#1	up	ɔp	up	up	ap	ap (6 exx.)

116.1 **up:ɔp:up:up:ap:ap**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2271 (“rot (v.)”)	pup⁴	∅	∅	pup²¹tʃeɽ²¹	pap³¹	pap³¹
398 (“the hat”)	u³thup⁴	∅	∅	∅	∅	∅
456 (“cover (the mouth) (v.)”)	up⁴	∅	∅	∅	∅	∅
2110 (“do / make (v.)”)	lup⁴	∅	∅	∅	∅	∅
2325 (“suck (v.)”)	∅	tʃɔp⁵⁵	∅	tʃup⁵⁵	tʃap⁵⁵	tʃap⁵⁵
2926 (“to catch”)	∅	tʃhɔp⁵⁵	tʃhup⁵⁵	tʃup⁵⁵	∅	∅

Old Burmese “**ut**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ut	jot	ut	ut	ɔt	at	(1 ex.)
#2	ut	ot	ut	ut	ɔt	at	(2 exx.)
#3	ut	ut	ut	ut	ɔt	at	(8 exx.)

117.1 **ut:jot:ut:ut:ɔt:at**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
551 (“the beard”)	nhut⁴	ṅot⁵³	ṅut⁵⁵zṅ⁵⁵	ṅut⁵⁵ku⁷⁵⁵	ṅɔt⁵⁵	nat⁵⁵

117.2 **ut:ot:ut:ut:ɔt:at**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
493 (“the lung”)	achut⁴	a³¹te^hot⁵³	a³¹chut⁵⁵	tsut⁵⁵	tsɔt⁵⁵	tsat⁵⁵
2109 (“do / make (v.)”)	∅	xot⁵⁵	xut⁵⁵	∅	∅	kat⁵⁵

117.3 **ut:ut:ut:ut:ɔt:at**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
205 (“to wipe”)	sut	sut⁵⁵	sut⁵⁵	sut⁵⁵	sɔt⁵⁵	sat⁵⁵
2410 (“the bird nest”)	∅	ṅɔ⁷⁵⁵sut⁵⁵	ṅɔ⁷⁵⁵sut⁵⁵	ṅɔ⁷⁵⁵sut⁵⁵	ṅa⁷⁵⁵sɔt⁵⁵	ṅɔ⁷⁵⁵sat⁵⁵
188 (“the stick”)	tut⁴	∅	∅	∅	∅	∅
2394 (“the beard”)	mut⁴chit⁴	∅	∅	∅	∅	∅
2428 (“the brick”)	ut⁴khai³	∅	∅	∅	∅	∅
734 (“fight / vie for (v.)”)	∅	∅	∅	∅	lɔt⁵⁵lam³⁵	lat⁵⁵
3093 (“to weave (a basket)”)	∅	∅	∅	∅	kɔt⁵⁵	kat⁵⁵
2520 (“the east”)	∅	∅	∅	pui⁵¹tho⁷⁵⁵ fut⁵⁵	∅	pa³¹thuk⁵⁵ fat⁵⁵

Old Burmese “w”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	w	-	-	v	v	v	(18 exx.)
#2	w	v	v	v	v	v	(1 ex.)

118.1 w:-:-v:v:v

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
50 (“the bamboo”)	vāḥ ³	o ³¹	o ³¹	va ²¹	va ³¹	vɔ ³⁵
127 (“to buy”)	vay	oi ⁵⁵	ui ⁵⁵	vui ⁵¹	vɛ ⁵⁵	vai ³¹
367 (“the animal oil”)	vak ⁴	oi ⁵⁵	oi ⁵⁵	va ²¹	va ²¹	vɔ ²¹
2125 (“enter (a house) (v.)”)	wai ²	ni ³¹ mɔ ³¹ ɔŋ ⁵⁵	n ⁵⁵ mɔ ⁵¹ oŋ ⁵⁵	pui ⁵¹ vaŋ ⁵¹	pui ⁵⁵ vɔ ⁵⁵	pa ³¹ vɔ ³¹
2392 (“the bear”)	vai ²	pa ³¹	pa ³¹	fut ⁵⁵	vɛ ⁵⁵	vɛ ³¹
262 (“yellow”)	vā	∅	∅	∅	∅	∅
394 (“left”)	vai	∅	∅	∅	∅	∅
580 (“round”)	wui ³	∅	∅	∅	∅	∅
2108 (“divide / share (things) (v.)”)	viy ²	∅	∅	∅	∅	∅
2144 (“fat (of person)”)	va ¹	∅	∅	∅	∅	∅
2598 (“the half”)	ta ¹ vak ⁴	∅	∅	∅	∅	∅
76 (“the belly”)	∅	∅	∅	∅	vɛ ³¹ tau ³¹	vɛ ³⁵ tuk ³¹
454 (“outside”)	∅	∅	∅	∅	vɔ ³¹ kaŋ ³¹	vɔ ³¹ kaŋ ³⁵
665 (“the stick”)	∅	∅	∅	∅	vɔ ⁵⁵ sɛ ³¹	vɔ ⁵⁵ sɛ ³⁵
151 (“the fog”)	∅	∅	∅	sai ⁵⁵ von ²¹	sai ³⁵ vun ³¹	∅
309 (“the father”)	∅	∅	∅	a ⁵⁵ va ²¹	a ³¹ va ⁵⁵	∅
680 (“the wolf”)	wai ² pu ¹	∅	∅	vam ⁵¹ k ^h ui ²¹	∅	∅
	luy ²			mo ⁵⁵		
2369 (“the axe”)	∅	∅	∅	va ²¹ tsuŋ ²¹	vɔ ³¹ tsauŋ ³¹	vɔ ⁵⁵ tsauŋ ³¹

118.2 w:v:v:v:v

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
95 (“far”)	viyḥ	vɛ ³¹	vɛ ³¹	vɛ ²¹	vɛ ³¹	va ³⁵

Old Burmese “22”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	22	55	55	51	55	31	(215 exx.)
#2	22	55	55	21	55	31	(2 exx.)
#3	22	31	31	21	31	31	(1 ex.)
#4	22	31	51	51	55	35	(1 ex.)
#5	22	55	55	55	55	31	(3 exx.)
#6	22	55	31	51	55	31	(11 exx.)
#7	22	35	55	55	55	55	(10 exx.)
#8	22	31	55	51	31	35	(2 exx.)
#9	22	31	31	51	55	31	(2 exx.)
#10	22	35	35	55	35	35	(3 exx.)
#11	22	35	31	21	35	55	(4 exx.)
#12	22	55	55	51	53	55	(4 exx.)
#13	22	55	51	33	55	31	(2 exx.)
#14	22	31	35	51	31	31	(4 exx.)
#15	22	55	31	55	55	55	(3 exx.)

119.1 22,55,55,51,55,31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
5 (“to fly (move through air)”)	pyam̄	∅	∅	∅	∅	∅
108 (“the sickle”)	taim̄ ² cyan ²	∅	∅	∅	∅	∅
149 (“here”)	ato ₁ n̄h̄	∅	∅	∅	∅	∅
162 (“the pit (stone of fruit)”)	u ² tuin̄ ²	∅	∅	∅	∅	∅
163 (“the pit (stone of fruit)”)	u ² tuin̄ ²	∅	∅	∅	∅	∅
186 (“the otter”)	phyam̄	∅	∅	∅	∅	∅
225 (“the dust”)	phun	∅	∅	∅	∅	∅
251 (“correct (right)”)	mhan	∅	∅	∅	∅	∅
256 (“to fight”)	ran ² phrac ⁴	∅	∅	∅	∅	∅
258 (“to vomit”)	an	∅	∅	∅	∅	∅
262 (“yellow”)	vā	∅	∅	∅	∅	∅
267 (“the cloud”)	tim	∅	∅	∅	∅	∅
273 (“to hold”)	ko ₂ n̄	∅	∅	∅	∅	∅
279 (“old (aged)”)	uiv ²	∅	∅	∅	∅	∅
296 (“to burn”)	lo ₂ n̄	∅	∅	∅	∅	∅
329 (“the lake”)	kan	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
337 ("the sea")	pañlay	∅	∅	∅	∅	∅
338 ("the sea")	pañlay	∅	∅	∅	∅	∅
349 ("the wing")	to ₂ ñpañ	∅	∅	∅	∅	∅
353 ("the buttocks")	tañ ² pāñ ³	∅	∅	∅	∅	∅
359 ("the tree")	sacpañ	∅	∅	∅	∅	∅
375 ("this")	sañ	∅	∅	∅	∅	∅
378 ("short")	tuiv	∅	∅	∅	∅	∅
408 ("to sing")	chuiv	∅	∅	∅	∅	∅
496 ("prize / pry (v.)")	ko ₂ ²	∅	∅	∅	∅	∅
549 ("the friend")	mit ⁴ chuy ²	∅	∅	∅	∅	∅
555 ("the horn (woodwind)")	kha ¹ rā ² [nhai ³]	∅	∅	∅	∅	∅
577 ("the mushroom")	mhuiv ²	∅	∅	∅	∅	∅
592 ("dark")	mho ₂ ñ	∅	∅	∅	∅	∅
619 ("the thigh")	po ₂ ñ	∅	∅	∅	∅	∅
621 ("crow (of cocks (v.)")	tuin ²	∅	∅	∅	∅	∅
661 ("right")	ñā	∅	∅	∅	∅	∅
664 ("hard")	mā	∅	∅	∅	∅	∅
682 ("the wolf")	wam ² pu ¹ luy ²	∅	∅	∅	∅	∅
709 ("the star")	kray	∅	∅	∅	∅	∅
742 ("outside")	aprañ	∅	∅	∅	∅	∅
750 ("morning")	naṃnak	∅	∅	∅	∅	∅
751 ("the scar")	a ¹ mā ² ruit ⁴	∅	∅	∅	∅	∅
814 ("the door")	tañ ² khāñ ³	∅	∅	∅	∅	∅
815 ("the elbow")	tam ² to ₂ ñ ²	∅	∅	∅	∅	∅
2030 ("bloated, feel (of the stomach) (v.)")	kai ²	∅	∅	∅	∅	∅
2047 ("called, be / named (v.)")	kho ₂ ²	∅	∅	∅	∅	∅
2051 ("chat (v.)")	kan ²	∅	∅	∅	∅	∅
2054 ("chat (v.)")	liy ² kan ²	∅	∅	∅	∅	∅
2071 ("collapse / cave in / fall down (v.)")	pruiv ²	∅	∅	∅	∅	∅
2108 ("divide / share (things) (v.)")	viy ²	∅	∅	∅	∅	∅
2119 ("easy")	loy ²	∅	∅	∅	∅	∅
2126 ("exchange (v.)")	lai ³ lhay ²	∅	∅	∅	∅	∅
2141 ("fast")	mran ²	∅	∅	∅	∅	∅
2184 ("hungry")	chā ²	∅	∅	∅	∅	∅
2203 ("line up (v.)")	ci ²	∅	∅	∅	∅	∅
2210 ("look like / resemble (v.)")	chan ²	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2214 (“make (tea) (v.)”)	phyo ²	∅	∅	∅	∅	∅
2266 (“repay (a debt) (v.)”)	pran ²	∅	∅	∅	∅	∅
2283 (“shake / quake (v.)”)	tun ² khā ²	∅	∅	∅	∅	∅
2285 (“shallow”)	tin ²	∅	∅	∅	∅	∅
2338 (“tasty / delicious”)	cāh ³ luiv ¹ ko ₂ n ³ sañ ²	∅	∅	∅	∅	∅
2347 (“teach (v.)”)	cā ² sañ ²	∅	∅	∅	∅	∅
2398 (“the bed”)	ku ¹ tañ ²	∅	∅	∅	∅	∅
2474 (“the clothes”)	aṅ ³ kyi ²	∅	∅	∅	∅	∅
2475 (“the color”)	a ¹ ro ₂ n ²	∅	∅	∅	∅	∅
2505 (“the deer”)	sa ¹ mañ ²	∅	∅	∅	∅	∅
2563 (“the garlic”)	krak ⁴ suin ² phru ²	∅	∅	∅	∅	∅
2568 (“the ghost”)	tac ⁴ chiy ²	∅	∅	∅	∅	∅
2713 (“the plow”)	thay ²	∅	∅	∅	∅	∅
2727 (“the rabbit”)	yun ²	∅	∅	∅	∅	∅
2776 (“the song”)	si ² khyañh ³	∅	∅	∅	∅	∅
2805 (“the summer”)	nui ²	∅	∅	∅	∅	∅
2830 (“the trunk (of a tree)”)	pañ ² cañ ²	∅	∅	∅	∅	∅
2840 (“the valley”)	lhjuiv ² mhro ₂ n ²	∅	∅	∅	∅	∅
2893 (“the wound”)	dañ ² ra ²	∅	∅	∅	∅	∅
2894 (“the wound”)	dañ ² ra ²	∅	∅	∅	∅	∅
2949 (“to ferment”)	a ¹ khyān ² pho ₂ k ⁴	∅	∅	∅	∅	∅
2981 (“to listen”)	na ³ tho ₂ n ²	∅	∅	∅	∅	∅
3028 (“to shout”)	o ₂ ²	∅	∅	∅	∅	∅
3066 (“to tell”)	tuiṅ ²	∅	∅	∅	∅	∅
3082 (“to wash”)	lhyo ²	∅	∅	∅	∅	∅
112 (“the tongue”)	lhyā	ɕo ⁵⁵	ɕo ⁵⁵	fo ⁵¹	fa ⁵⁵	fo ³¹
127 (“to buy”)	vay	oi ⁵⁵	ui ⁵⁵	vui ⁵¹	ve ⁵⁵	vai ³¹
156 (“I [first person singular]”)	nā	ŋo ⁵⁵	ŋo ⁵⁵	ŋo ⁵¹	ŋa ⁵⁵	ŋo ³¹
161 (“to reside (live)”)	niy	nɔ ⁷⁵⁵	nai ⁵⁵	ŋji ⁵¹	ŋji ⁵⁵	na ³¹
176 (“to see”)	mrañ	en ³¹ mzəṅ ⁵⁵	mzəṅ ⁵⁵	mjaṅ ⁵¹	mjɔ ⁵⁵	mjɔ ³¹
180 (“white”)	phlū	phzɔ ⁵⁵	phzɔ ⁵⁵	phju ⁵¹	phju ⁵⁵	phju ³¹
199 (“the wind”)	liy	li ⁵⁵	lai ⁵⁵	lai ⁵¹	li ⁵⁵	la ³¹
203 (“the lip (the lips)”)	to ₂ n ² pañ	a ³¹ tuṅ ⁵⁵	a ³¹ tuṅ ⁵⁵	tuṅ ⁵¹	tauṅ ⁵⁵	tauṅ ³¹
292 (“to smile”)	ray ²	zɔ ⁵⁵	zɔ ⁵⁵	vui ⁵¹	ɣəi ⁵⁵	ɣə ³¹
301 (“the snake”)	mruiy	mzui ⁵⁵	mzui ⁵⁵	laṅ ⁵¹ mui ⁵¹	lɔ ⁵⁵ mø ⁵⁵	lɔ ³¹ møi ³¹
326 (“right”)	yā	lɔ ⁷³¹ zɔ ⁵⁵ pa ³¹	lɔ ⁷⁵⁵ ɔ ⁵⁵	lɔ ⁷²¹ jo ⁵¹	la ⁷³¹ ja ⁵⁵	lɔ ⁷³¹ jo ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
328 (“red”)	nī	na ⁵⁵	na ⁵⁵	ne ⁵¹	nɛ ⁵⁵	nɛ ³¹
365 (“the name”)	amañ	a ³¹ ni ⁵⁵	a ³¹ ni ⁵⁵	mji ⁵¹	ma ⁵⁵	ma ³¹
399 (“long”)	rhañ	səŋ ⁵⁵	səŋ ⁵⁵	xi ⁵¹	xə ⁵⁵	xə ³¹
427 (“the house”)	a ¹ cā ² im ²	in ⁵⁵ tca ⁵⁵	in ⁵⁵	jum ⁵¹ ku ⁵¹	jam ⁵⁵	jam ³¹
433 (“the rice plant”)	chan ²	tshen ⁵⁵	tshɛn ⁵⁵	tʃhin ⁵¹	khau ⁵⁵	khau ³¹
492 (“fall (rain) (v.)”)	ro ₁	mau ³¹ zo ⁵⁵	mau ³¹ zo ⁵⁵	lik ²¹ vo ⁵¹	mau ³¹ γ ⁵⁵	lak ³¹ γ ³¹
503 (“to cry (weep)”)	ñuiv	ŋau ⁵⁵	ŋau ⁵⁵	ŋau ⁵¹	ŋau ⁵⁵	ŋuk ³¹
2125 (“enter (a house) (v.)”)	wañ ²	ni ³¹ m ³¹ o ³¹ ŋ ⁵⁵	n ⁵⁵ m ⁵¹ o ⁵¹ ŋ ⁵⁵	pui ⁵¹ va ⁵¹ ŋ ⁵¹	pui ⁵⁵ v ⁵⁵	pa ³¹ v ³¹
2392 (“the bear”)	vam ²	pa ³¹	pa ³¹	ʃut ⁵⁵	vɛ ⁵⁵	vɛ ³¹
2417 (“the boat”)	lhiy ²	ɔm ⁵⁵	om ⁵⁵	vam ⁵¹	vɛ ⁵⁵	vɛ ³¹
2721 (“the pus”)	prañ ²	xə ⁵⁵	xɔ ⁵⁵	lai ⁵¹	li ⁵⁵	la ³¹
2826 (“the thread”)	khyañ ²	pzəŋ ⁵⁵	pu ⁵⁵	pji ⁵¹ vi ²¹	pja ⁵⁵ γa ³¹	pja ³¹ kj ³¹
2849 (“the village”)	ro ²	khzəŋ ⁵⁵	khuu ⁵⁵	khji ⁵¹	khja ⁵⁵	kjha ³¹
111 (“to flow”)	∅	o ⁵⁵	o ⁵⁵	va ⁵¹	va ⁵⁵	v ³¹
137 (“the child (young human)”)	∅	∅	∅	jui ⁵¹	ju ⁵⁵	juk ³¹
187 (“horizontal”)	∅	∅	∅	ts ⁵¹ fa ⁵¹	tä ³¹ ʃ ⁵⁵	ts ³⁵ ʃ ³¹
220 (“the year”)	∅	∅	∅	a ²¹ pji ⁵¹	pi ⁵⁵	pji ³¹
226 (“the dust”)	∅	∅	∅	tsan ⁵¹	tɛ ⁵⁵	tsə ³¹
472 (“to sing”)	∅	∅	∅	phui ²¹ lau ⁵¹	phə ³¹ lau ⁵⁵	ph ³¹ l ³⁵ l ³¹
590 (“to be alive”)	∅	∅	∅	tho ⁵¹	th ⁵⁵	thu ³¹
842 (“the snake”)	∅	∅	∅	tui ⁵¹ e ⁵⁵	a ³¹ tui ⁵⁵	t ³¹ k ³¹ k ³⁵
2118 (“easy”)	∅	∅	∅	la ⁵¹ mu ⁵¹	l ⁵⁵ m ⁵⁵	l ³¹ m ³¹
2139 (“fast”)	∅	∅	∅	lui ⁵¹	lui ⁵⁵	l ³¹
2260 (“rely / lean on (v.)”)	∅	∅	∅	xan ⁵¹	xɛ ⁵⁵	xə ³¹
2463 (“the chin”)	∅	∅	∅	lum ⁵¹	lam ⁵⁵	lam ³¹
2578 (“the gold”)	∅	∅	∅	am ⁵¹ tha ⁵⁵	ɛ ⁵⁵ th ⁵⁵	ɛ ³¹ th ³¹
2627 (“the knife”)	∅	∅	∅	xi ⁵¹	xə ⁵⁵	xə ³¹
2930 (“to choose”)	∅	∅	∅	ʃam ⁵¹	ʃɛ ⁵⁵	ʃɛ ³¹
90 (“this”)	∅	∅	∅	kjin ⁵¹ tho ⁵⁵	khj ⁵⁵	khji ³¹
115 (“the sand”)	∅	∅	∅	ju ⁵¹	tʃhə ⁵⁵	tʃhɛ ³¹
143 (“the cloud”)	∅	∅	∅	∅	mɛ ⁵⁵ ʃa ⁵⁵	ma ³¹ ʃ ³¹
197 (“the knee”)	∅	∅	∅	∅	tʃam ⁵⁵	tʃam ³¹ th ³¹
358 (“cloudy, be (sky) / overcast (v.)”)	∅	∅	∅	∅	p ⁵⁵ l ⁵⁵ l ⁵⁵	pat ⁵⁵ lau ³¹
462 (“here”)	∅	∅	∅	∅	mau ³¹ tap ⁵⁵	muk ⁵⁵ tap ³¹
572 (“hard”)	∅	∅	∅	∅	tʃhə ⁵⁵ mɛ ⁵⁵	tʃhɛ ³¹ mɛ ³¹
579 (“hot”)	∅	∅	∅	∅	γ ⁵⁵	γ ³¹
598 (“the wolf”)	∅	∅	∅	∅	lau ⁵⁵	lau ³¹
					mja ⁵⁵	mja ³¹ k ³¹ a ³⁵
					k ³¹ ui ³⁵	

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
760 (“the sand”)	∅	∅	∅	∅	mɛ ⁵⁵ fa ⁵⁵	ma ³¹ fɔ ³¹
2048 (“called, be / named (v.)”)	∅	∅	∅	∅	mjaŋ ⁵⁵ jɔ ⁵⁵	jɔ ³¹
2746 (“the scar”)	∅	∅	∅	∅	tɛ ⁵⁵ khɔ ⁵⁵	tɛ ³¹ khu ³¹
2828 (“the trunk (of a tree)”)	∅	∅	∅	∅	sak ⁵⁵ kɛ ⁵⁵	sak ⁵⁵ kɛ ³¹
2983 (“to love”)	∅	∅	∅	∅	ŋɔ ⁵⁵	ŋɔi ³¹
29 (“hundred”)	ryā	∅	∅	fo ⁵¹	sak ⁵⁵ ja ⁵⁵	sak ⁵⁵ ɔ ³¹
58 (“the husband”)	lañ	∅	∅	laŋ ⁵¹	γəi ⁵⁵ lɔ ⁵⁵	γək ³¹ lɔ ³¹
74 (“thick”)	thu ²	∅	∅	thu ⁵¹	thu ⁵⁵	thau ³¹
129 (“twenty”)	nhacchay	∅	∅	i ⁵⁵ tshe ⁵¹	j ³⁵ thai ⁵⁵	ʃik ⁵⁵ tshe ³¹
155 (“the river”)	riy ² ku ³	∅	∅	vui ⁵¹ li ²¹	γəi ⁵⁵ xɛ ³¹	γək ³¹ xɛ ³¹
287 (“the hair (of the head)”)	cham	∅	∅	u ²¹ tsham ⁵¹	xɛ ³¹ tshɛ ⁵⁵	tshɛ ³¹
618 (“the fly”)	yañ ²	∅	∅	jaŋ ⁵¹ khun ²¹	jɔ ⁵⁵ khaun ³¹	jɔ ³¹ khaun ³⁵
2235 (“pare / peel with a knife (v.)”)	khjuin ²	∅	∅	tʃhun ⁵¹	tʃhɔn ⁵⁵	tshum ³¹
2616 (“the intestines”)	ū ²	∅	∅	u ⁵¹	u ⁵⁵	au ³¹
2689 (“the peanut”)	mliy ² pai ³	∅	∅	mji ⁵¹ nu ²¹	məi ⁵⁵ nau ³¹	mjik ³¹ nauk ³¹
2729 (“the rib”)	nam ² rañ ²	∅	∅	nam ⁵¹	nɛ ⁵⁵ tʃhɛ ³⁵	nɛ ³¹ tʃhɛ ³⁵
113 (“the gums”)	∅	teoi ⁵⁵	cui ⁵⁵	tʃham ²¹	tui ⁵⁵	γuk ⁵⁵
379 (“the star”)	∅	khzə ⁵⁵	tshi ⁵⁵ zum ³¹	tsui ⁵¹	kji ⁵⁵	tsoi ³¹
542 (“the mountain”)	∅	pum ⁵⁵ xui ³¹	pum ⁵⁵ fui ³¹	kji ⁵¹	kji ⁵⁵	kji ³¹
634 (“marry (v.)”)	∅	ʃa ⁵⁵	ʃa ⁵⁵	pum ⁵¹	pam ⁵⁵	pam ³¹
638 (“inside”)	∅	a ³¹ xau ⁵⁵	a ³¹ xau ⁵⁵	ʃe ⁵¹	ʃe ⁵⁵	ʃe ³¹
811 (“the road”)	∅	xa ⁵⁵ mzua ³¹	chɔ ⁵⁵ mɔ ³¹	a ²¹ k ^h au ⁵¹	a ³¹ k ^h au ⁵⁵	a ³¹ k ^h uk ³¹
821 (“to scratch”)	∅	khzəñ ⁵⁵	khzən ⁵⁵	khjo ⁵¹	khāk ⁵⁵ khja ⁵⁵	khjɔ ³¹
2084 (“crow (of cocks) (v.)”)	∅	thun ⁵⁵	thun ⁵⁵	kjin ⁵¹	kjɔn ⁵⁵	kjin ³¹
2146 (“fetch / draw (water) (v.)”)	∅	xam ⁵⁵	ti ⁵⁵ kɾ ⁵⁵	tun ⁵¹	tɔn ⁵⁵	tum ³¹
2432 (“the bridge”)	∅	team ⁵⁵	ti ⁵⁵ kɾ ⁵⁵	ɿ ⁵⁵ tʃam ²¹	γəi ⁵⁵ khɛ ⁵⁵	γək ³¹ khɛ ³¹
2911 (“to be ill”)	∅	nɔ ⁵⁵	cam ⁵⁵	kham ⁵¹	tsɛ ⁵⁵	tsɛ ³¹
177 (“the corpse”)	siy	ɣ ⁵⁵ pzuə ⁵⁵	nɔ ⁵⁵	tsam ⁵¹	na ⁵⁵	nɔ ³¹
2763 (“the silver”)	ñuy ²	ŋui ⁵⁵	ɣ ⁵⁵	no ⁵¹	ɣ ⁵⁵	ʃik ³¹
3042 (“to soak / steep”)	sim ²	tsin ⁵⁵	ŋui ⁵⁵	∅	ŋɔ ⁵⁵	ŋɔi ³¹
494 (“the mosquito”)	khrañ	∅	tsin ⁵⁵	∅	tʃam ⁵⁵	tʃam ³¹
833 (“the roof”)	im ² kho ² ñ ²	∅	caŋ ³¹ k ^h zəŋ ⁵⁵	kjaŋ ⁵¹	kjɔ ⁵⁵	kjɔ ³¹
2306 (“sour”)	muivh ³	∅	fuj ⁵⁵ luŋ ³¹	mau ²¹ khun ⁵¹	mau ³¹	jam ³¹
521 (“the thunder”)	khyan ²	∅	tshen ⁵⁵	mau ²¹ mjin ⁵¹	khauŋ ⁵⁵	khauŋ ³¹
575 (“late”)	∅	∅	∅	mau ²¹ mjin ⁵¹	tʃɔn ⁵⁵	tʃɔŋ ³¹
	∅	∅	∅	∅	mau ³¹	∅
	∅	∅	∅	∅	mjaŋ ⁵⁵	∅
	∅	∅	∅	∅	t ^h ɔ ⁵⁵ kja ³⁵	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
671 (“inhale (v.)”)	∅	∅	∅	se ⁵¹	saʔ ⁵⁵ tau ³⁵	∅
2282 (“shake / quake (v.)”)	∅	∅	∅	nun ⁵⁵ tui ⁵¹	ʃɛ ⁵⁵ tui ⁵⁵	∅
2954 (“to get / acquire”)	∅	∅	∅	vo ⁵⁵ ju ⁵¹	mjɔ̃ ³¹ ju ⁵⁵	∅
3017 (“to send (a letter)”)	∅	∅	∅	xun ⁵¹	fɔn ⁵⁵	∅
53 (“ten”)	tachay	tche ⁵⁵	ta ³¹ tshi ⁵⁵	tshe ⁵¹	tă ³¹ thai ⁵⁵	∅
3008 (“to repair”)	phā ²	phɔ ⁵⁵	phɔ ⁵⁵	pho ⁵¹	pha ⁵⁵	∅
663 (“the hoof”)	khō ₁	te ^h i ⁵⁵ xo ⁵⁵	∅	∅	∅	∅
2218 (“make / cause (v.)”)	ciy ²	si ⁵⁵	∅	∅	∅	∅
2349 (“the animal oil”)	a ¹ chi ² khai ³	oʔ ⁵⁵ tcho ⁵⁵	∅	∅	∅	∅
2364 (“the ghost”)	lip ⁴ pra ²	ʃi ⁵⁵ pzua ⁵⁵	∅	∅	∅	∅
294 (“the nose”)	nhā	∅	∅	∅	na ⁵⁵	nɔ̃ ³¹
385 (“the horn (keratinized skin)”)	khyuiw	∅	∅	∅	khju ⁵⁵	khjuk ³¹
466 (“the sickle”)	tam ² cyan ²	∅	∅	∅	ʃɛ ⁵⁵ ŋɔ̃ ³⁵	ʃɛ ³¹ ŋɔ̃ ³⁵
487 (“the shoulder”)	∅	∅	lɔ̃ ³¹ san ⁵⁵	koʔ ²¹ san ⁵¹	laʔ ³¹ sɛ ⁵⁵	lɔ̃ ³¹ san ³¹
2217 (“make / cause (v.)”)	∅	∅	ɲɔŋ ⁵⁵	naŋ ⁵¹	nɔ̃ ⁵⁵	nɔ̃ ³¹
2484 (“the corpse”)	∅	∅	tʃu ⁵⁵ mɔŋ ⁵⁵	maŋ ⁵¹	mɔ̃ ⁵⁵	mɔ̃ ³¹
444 (“green”)	ñuiv	nau ⁵⁵	pa ⁵⁵	ŋju ⁵¹	ŋju ⁵⁵	ŋjuk ³¹
237 (“you [second person plural]”)	∅	∅	nɔŋ ⁵⁵ tu ³⁵	∅	∅	nɔ̃ ³¹ na ⁵⁵ ju ⁵⁵
388 (“the fog”)	∅	∅	ɕaŋ ⁵⁵ cin ³¹	∅	∅	tʃam ³¹ tho ⁱ ³⁵
566 (“late”)	∅	∅	kum ⁵⁵	∅	∅	kjam ³¹
2493 (“the crow”)	∅	∅	kak ⁵⁵	∅	∅	kəʔ ³¹ nɔ̃ ³¹
64 (“wet”)	cuiv	∅	coʔ ⁵⁵	∅	∅	∅
561 (“the spider”)	paŋʔkū	∅	koŋ ³¹ kau ⁵⁵	∅	∅	∅
2538 (“the face”)	myak ⁴ nhā ²	∅	ɲɔ̃ ⁵⁵ ŋɔ̃ ⁵⁵	∅	∅	∅
331 (“who”)	sū	xau ⁵⁵	xau ⁵⁵	∅	∅	∅
2579 (“the gold”)	rhuy ²	se ⁵⁵	se ⁵⁵	∅	∅	∅
775 (“the otter”)	∅	sam ⁵⁵	∅	xam ⁵¹	xɛ ⁵⁵	xɛ ³¹
2674 (“the mushroom”)	∅	mau ⁵⁵	∅	mau ⁵¹ lu ⁵¹	mau ⁵⁵	muk ³¹
61 (“that”)	thuiv	the ⁵⁵	the ⁵⁵	∅	∅	tho ³¹
497 (“the earthworm”)	∅	ta ⁵⁵	ta ⁵⁵	∅	vaʔ ³¹ tai ⁵⁵	voʔ ³¹ tɔi ³¹
2407 (“the drum”)	cañ ²	teeŋ ⁵⁵	∅	tsiŋ ⁵¹	taŋ ⁵⁵	∅
234 (“yellow”)	∅	∅	∅	xui ⁵¹	∅	xui ³¹
813 (“the root”)	∅	∅	∅	a ²¹ pun ⁵¹	∅	pan ³¹
3111 (“turn over (on bed) (v.)”)	∅	∅	∅	kuŋ ⁵¹ phuʔ ⁵⁵	∅	kaun ³¹
507 (“the rainbow”)	∅	∅	h ⁵⁵ ɲɔ̃ ⁵⁵ laŋ ³¹ kam ⁵⁵	∅	yaʔ ³¹ kɛ ³¹ saŋ ⁵⁵ ŋju ⁵⁵	phauk ⁵⁵ yoʔ ³¹ kaŋ ³⁵ saŋ ³¹ ŋju ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2745 (“the scar”)	∅	∅	a ³¹ z ⁵⁵	∅	tɛ̃ ⁵⁵ khɔ ⁵⁵	tɛ̃ ³¹ khu ³¹
614 (“salty”)	ɲan	∅	∅	∅	ŋɛ̃ ⁵⁵	∅
2447 (“the buttocks”)	phaɲ ²	∅	∅	∅	tʃhau ⁷⁵⁵	∅
680 (“the wolf”)	wam ² pu ¹ luy ²	∅	∅	vam ⁵¹ k ^h ui ²¹ mo ⁵⁵	∅	∅
3048 (“to startle / disturb”)	lan ¹ ciy ²	∅	∅	lo ⁷⁵⁵ tui ⁵¹	∅	∅
2639 (“the leech”)	∅	nu ⁷⁵⁵	nu ⁵⁵	∅	fɛ̃ ⁷⁵⁵ ŋju ⁵⁵	∅
3127 (“warm”)	∅	lum ⁵⁵	lum ⁵⁵	∅	lam ⁵⁵	∅
2142 (“the animal oil”)	chū	∅	∅	tshu ⁵¹	tshu ⁵⁵	tshau ³¹
2852 (“the wall”)	nam ² ram ²	∅	∅	tshɛ̃ ⁵⁵ vam ⁵¹	∅	tshə̃ ³¹ ɣɛ̃ ³¹
539 (“hot”)	pū	pu ⁵⁵	pu ⁵⁵	∅	∅	∅
2046 (“called, be / named (v.)”)	∅	kzə ⁵⁵	xɣ ⁵⁵	vut ²¹ kji ⁵¹ tʃhe ⁷⁵⁵	∅	∅
2209 (“look like / resemble (v.)”)	tū	tu ⁵⁵	∅	∅	tu ⁵⁵	∅
2804 (“the summer”)	∅	tsan ⁵⁵	∅	tsan ⁵¹ nam ⁵⁵	∅	tsəŋ ³¹
3054 (“to swallow”)	myuiv ²	∅	∅	∅	∅	mjuk ³¹
79 (“what”)	∅	∅	∅	∅	∅	∅
364 (“the name”)	∅	∅	∅	∅	∅	∅
116 (“the branch”)	∅	ʃək ⁵⁵ kzəŋ ⁵⁵	∅	sik ⁵⁵ kjaŋ ⁵¹	∅	∅
475 (“to hold”)	∅	∅	tʃshop ⁵⁵	∅	tsap ⁵⁵	∅
2882 (“the willow”)	∅	xai ⁷⁵⁵ tseŋ ⁵⁵	∅	∅	ɣəi ⁵⁵ pɛ̃ ⁵⁵ tu ³¹ kɛ̃ ⁵⁵	∅
3 (“all”)	∅	pza ⁵⁵ pza ⁵⁵	∅	∅	∅	∅

119.2 22.55.55.21.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
360 (“the cooked rice”)	a ¹ cā ² im ²	tɔ ⁵⁵	cɔ ⁵⁵	ŋó ²¹ tso ²¹	ŋə̃ ³¹ ta ³¹	ŋə̃ ³¹ tsɔ ³¹
2332 (“tasty / delicious”)	khjuiv ²	tɕhau ⁵⁵	tʃhau ⁵⁵ ʃɛi ³⁵	tʃhui ²¹	tʃhu ⁵⁵	tʃhuk ³¹

119.3 22.31.31.21.31.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2368 (“the axe”)	pu ¹ chin ²	u ³¹ teɔŋ ³¹	la ³¹ cuŋ ³¹	va ²¹ tsuŋ ²¹	və̃ ³¹ tsauŋ ³¹	və̃ ⁵⁵ tsauŋ ³¹

119.4 22.31.51.51.55.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2671 (“the mortar”)	chum ²	tɛnam ³¹ tɔŋ ³¹	kai ⁵⁵ thum ⁵¹	tshum ⁵¹	tʃhɔ̃ ³¹ tsham ⁵⁵	tshum ³⁵ thauŋ ³¹

119.5 22.55.55.55.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
404 (“the earth (soil)”)	mliykhuɣh	mi ⁵⁵	mi ⁵⁵	mji ⁵⁵ tse ²¹	mi ⁵⁵ kauŋ ⁵⁵	mjik ³¹ tsai ³⁵
130 (“we [first person plural inclusive]”)	∅	ŋɔ ⁵⁵ tu ³¹	ŋɔ ⁵⁵ tu ³⁵	ŋa ⁵⁵ mo ²⁵⁵	ŋa ⁵⁵ ma ²³¹	ŋɔ ³¹ nauŋ ⁵⁵
179 (“where”)	∅	∅	∅	kha ⁵¹ ma ⁵⁵	∅	mhə ³¹ mɛ ³¹

119.6 22.55.31.51.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
702 (“the peanut”)	∅	thu ⁵⁵ lin ⁵⁵	thɔ ³¹ lin ³¹	∅	∅	∅
770 (“the dream”)	∅	it ⁵⁵ mɔ ²⁵⁵	in ³¹ mɔ ²⁵⁵	∅	∅	∅
846 (“soft”)	∅	nɔt ⁵⁵	ɲɔt ³¹	∅	∅	∅
847 (“the rabbit”)	∅	pzaj ⁵⁵ tai ⁵⁵	pzaj ³¹ tai ⁵⁵	∅	∅	∅
2677 (“the navel”)	∅	tchi ³¹ tɔt ⁵⁵	tʃhɔ ²⁵⁵ thoŋ ³¹	∅	∅	∅
2692 (“the peanut”)	∅	thu ⁵⁵ lin ⁵⁵	thɔ ³¹ lin ³¹	∅	∅	∅
2200 (“leak (v.)”)	yuiv ²	zau ⁵⁵	jau ³¹	jui ⁵¹	ju ⁵⁵	juk ³¹
2186 (“inhale (v.)”)	rhū ²	∅	jo ³¹	∅	sar ²⁵⁵ tau ³⁵	ʃɛ ³¹
2406 (“the bell”)	∅	tɛhu ⁵⁵	thi ³¹ liŋ ³¹	tʃu ⁵¹	ʃɛ ⁵⁵ tʃu ⁵⁵	tʃu ³¹
178 (“where”)	∅	∅	xɔ ³¹ lɔ ³¹	kha ⁵¹ ma ⁵⁵	khak ⁵⁵ jau ²³¹	∅
743 (“the bridge”)	tam ² to ² n ²	∅	lɔ ²⁵⁵ thom ³¹	∅	∅	∅

119.7 22.35.55.55.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
148 (“to come”)	lā	zɔ ³⁵	lɔ ⁵⁵	le ⁵⁵	la ⁵⁵	li ⁵⁵
70 (“the ash”)	∅	nä ³¹ zap ³⁵	zɔ ²⁵⁵ phɔ ²⁵⁵	∅	∅	∅
831 (“to sing”)	∅	siaŋ ³⁵ ciaŋ ⁵⁵	ɕaŋ ⁵⁵ ɕaŋ ³⁵	∅	∅	∅
2065 (“chop / cut (meat) (v.)”)	∅	tuak ³⁵	tɔk ⁵⁵	∅	∅	∅
3001 (“to remember”)	∅	tɔŋ ³⁵	toŋ ⁵⁵	∅	∅	∅
2238 (“paste / stick / glue (v.)”)	∅	thap ³⁵	thap ⁵⁵	tap ⁵⁵	tɛ ²⁵⁵	tɛ ²⁵⁵
229 (“the lake”)	∅	ɲɔŋ ³⁵	∅	noŋ ⁵⁵	nɔŋ ⁵⁵	nɔŋ ⁵⁵
3020 (“to shave”)	∅	khzət ³⁵	khzɔt ⁵⁵	∅	khjɔt ⁵⁵	khjat ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2148 (“the saliva”)	riy ² nat ⁴	∅	∅	∅	∅	yui ⁵⁵
2281 (“shake / quake (v.)”)	tun ²	than ³⁵	∅	∅	∅	∅

119.8 22.31.55.51.31.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
767 (“the neck”)	pañ ² cañ ²	saj ³¹ tseŋ ⁵⁵	ʃuk ⁵⁵ tʃuŋ ⁵⁵	∅	laŋ ⁵⁵ taŋ ³¹	laŋ ³¹ tsaŋ ³⁵
2693 (“the pestle”)	∅	tan ³¹ ∅	a ³¹ tam ⁵⁵	thuŋ ⁵¹ kji ³³	tʃhɔ ³¹ kji ⁵⁵	tʃhum ³⁵ thauŋ ³¹ lɔ ³¹

119.9 22.31.31.51.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
27 (“the fire”)	∅	poi ³¹	pu ⁵⁵ mɣ ⁵⁵	pui ⁵¹ vaŋ ⁵¹ fut ⁵⁵	pui ⁵⁵ vɔ ⁵⁵	pa ³¹ vɔ ³¹
235 (“the neck”)	lañ	laŋ ³¹ tsəŋ ³¹	∅	∅	laŋ ⁵⁵ taŋ ³¹	laŋ ³¹ tsaŋ ³⁵

119.10 22.35.35.55.35.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2561 (“the garlic”)	krak ⁴ suin ²	kä ³¹ sun ³⁵	sɔn ³⁵	∅	sɔn ³⁵	sɔn ³⁵
2513 (“the drum”)	phru ² bun ²	∅	koŋ ³¹ poŋ ³⁵	∅	∅	tsaŋ ³¹ paŋ ³⁵
2171 (“fragrant”)	∅	∅	xom ³⁵	xom ⁵⁵	∅	xɔm ³⁵

119.11 22.35.31.21.35.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
275 (“the mother”)	amiy	∅	mɛ ³¹	∅	∅	a ⁵⁵ mji ⁵⁵
310 (“the father”)	aphiy	∅	po ³¹	∅	∅	a ⁵⁵ phɔ ⁵⁵
2268 (“roll (v.)”)	∅	liŋ ³⁵	liŋ ³¹	leŋ ²¹	phau ⁵⁵ laŋ ³⁵	laŋ ⁵⁵ kum ³¹
94 (“to blow (of wind)”)	∅	xzau ³⁵	∅	khjui ²¹	khju ³⁵	khjuk ⁵⁵

119.12 22.55.55.51.53.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
160 (“the ant”)	khriy ² tho ₂ k ⁴	te ^h i ⁵⁵ san ⁵⁵	chi ⁵⁵	khji ⁵¹ tsuŋ ²¹	tɔ ³¹ khji ⁵⁵	leŋ ⁵⁵ khjik ³¹
14 (“straight”)	∅	∅	∅	ŋjaŋ ⁵¹	∅	ŋi ⁵⁵
2868 (“the wheel”)	∅	∅	∅	leŋ ⁵¹	∅	leŋ ⁵⁵ khjik ³¹
2902 (“thirsty”)	∅	∅	∅	vui ⁵¹ sit ⁵⁵	∅	fai ⁵⁵

119.13 22.55.51.33.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
303 (“small”)	ŋay	ni ⁵⁵	pe ⁵¹	∅	a ³¹ sak ³¹ ŋai ⁵⁵	ŋai ³¹
2694 (“the pestle”)	∅	∅	∅	thuŋ ⁵¹ kji ³³	tʃhɔ ³¹ kji ⁵⁵	∅

119.14 22.31.35.51.31.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
484 (“the sparrow”)	cā ²	∅	∅	tʃo ⁵¹ k ^h jaŋ ⁵⁵	tʃɔ ³¹ k ^h ʃɔ ³⁵	tʃɔ ³¹ k ^h ʃɔ ⁵⁵
2329 (“sweat”)	∅	∅	∅	pui ⁵¹ pu ⁵¹	pau ³¹ kjɔ ³⁵	pau ³¹ kjɔ ³⁵
2528 (“the elbow”)	∅	∅	∅	lo ²¹ mun ⁵⁵	la ³¹ mɔn ³⁵	lɔ ³¹ mat ⁵⁵
				thuŋ ⁵⁵	tʃhɔ ³⁵	thauŋ ³⁵ thɔ ³¹
2201 (“learn (v.)”)	cā ² san ²	zəŋ ³¹	sɔn ³⁵	tshum ⁵¹	thauŋ ³¹	∅
				∅	∅	∅

119.15 22.55.31.55.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
196 (“the knee”)	∅	∅	phɔ ³¹	khji ⁵¹ phut ⁵⁵	pɔt ⁵⁵ lau ⁷⁵⁵	pat ⁵⁵ lauk ³¹
			tʃhuuk ⁵⁵			
382 (“the sand”)	∅	să ³¹ le ⁵⁵	să ³¹ le ³¹	∅	∅	∅
339 (“to pull”)	choy	∅	∅	∅	∅	∅

Old Burmese “Ø”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	Ø	Ø	p ^h	p	p	p	(6 exx.)
#2	Ø	am	am	am	am	Ø	(2 exx.)
#3	Ø	55	55	51	31	35	(2 exx.)
#4	Ø	oj	uj	uj	uj	a	(1 ex.)
#5	Ø	ts	ts	ts	t	ts	(1 ex.)
#6	Ø	ɔ	ɔ	o	a	o	(1 ex.)
#7	Ø	zuat	zot	joʔ	jaʔ	joʔ	(1 ex.)
#8	Ø	Ø	-	ɲj	ɲj	ɲj	(1 ex.)
#9	Ø	k ^h z _ɿ	ts ^h	ʔkj	ʔkj	ʔkj	(1 ex.)
#10	Ø	zə	i	ji	ji	ji	(1 ex.)
#11	Ø	Ø	ap	ap	ɛʔ	ɛʔ	(1 ex.)
#12	Ø	-	-	-	-	-	(1 ex.)
#13	Ø	ts	c	tʃ	tʃ	tʃ	(1 ex.)
#14	Ø	55	55	21	-	31	(1 ex.)
#15	Ø	kz _ɿ	kz _ɿ	k	kj	kj	(1 ex.)
#16	Ø	ɲj	ɲj	n	n	n	(1 ex.)
#17	Ø	jɔp	jɔp	op	ap	ɔp	(1 ex.)
#18	Ø	et	ɛt	it	ɔt	ik	(1 ex.)
#19	Ø	55	55	21	31	55	(1 ex.)
#20	Ø	et	ɛt	ut	ɔt	ik	(1 ex.)
#21	Ø	t ^h	t ^h	t	ʔt	ʔt	(1 ex.)
#22	Ø	tɕ ^h	t ^h	ʔtʃ	ʔtʃ	ʔtʃ	(1 ex.)
#23	Ø	n	ɲj	n	n	n	(1 ex.)
#24	Ø	31	35	55	55	31	(1 ex.)
#25	Ø	z _ɿ	l	ʔl	ʔl	ʔl	(1 ex.)
#26	Ø	tɕ ^h	t ^h	ts ^h	tʃ ^h	ts ^h	(1 ex.)
#27	Ø	et	ɛt	at	ɛt	ɛʔ	(1 ex.)
#28	Ø	55	55	55	31	55	(1 ex.)
#29	Ø	aɲ	aɲ	aɲ	ɔɲ	ɔɲ	(1 ex.)
#30	Ø	31	55	55	55	55	(1 ex.)
#31	Ø	k ^h z _ɿ	k ^h z _ɿ	kj	ʔkj	ʔkj	(2 exx.)
#32	Ø	t	t	ʔt	ʔt	ʔt	(15 exx.)
#33	Ø	Ø	ǰ	ǰ	ǰ	ǰ	(2 exx.)
#34	Ø	Ø	ut	ut	øʔ	øʔ	(2 exx.)
#35	Ø	x	x	xj	k ^h	Ø	(1 ex.)
#36	Ø	zauʔ	Ø	juj	ju	juk	(1 ex.)
#37	Ø	Ø	p ^h	p ^h	ʔp	ʔp	(1 ex.)
#38	Ø	Ø	ɲj	ɲj	ɲj	ɲj	(1 ex.)
#39	Ø	Ø	53	55	31	55	(1 ex.)
#40	Ø	Ø	31	55	31	31	(1 ex.)
#41	Ø	Ø	c ^h	ʔtʃ	ʔtʃ	ʔtʃ	(1 ex.)
#42	Ø	ǎ	Ø	ě	ǎ	a	(1 ex.)
#43	Ø	Ø	ɛn	om	auɲ	auɲ	(1 ex.)
#44	Ø	ṃ	Ø	ʔm	ʔm	ʔm	(1 ex.)
#45	Ø	ɔʔ	Ø	oʔ	a	ɔʔ	(1 ex.)
#46	Ø	Ø	kz _ɿ	k	k	k	(1 ex.)
#47	Ø	Ø	35	21	31	31	(1 ex.)

120.1 Ø:Ø:p^h:p:p:p

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
257 (“to fight”)	Ø	Ø	Ø	pat ²¹ lum ²¹	pɛʔ ³¹ lam ³⁵	pɛʔ ³¹ lam ³¹
2329 (“sweat”)	Ø	Ø	Ø	pui ⁵¹ pu ⁵¹	pau ³¹ kjɔ ³⁵	pau ³¹ kjɔ ³⁵
2355 (“the arm”)	Ø	Ø	Ø	loʔ ²¹ pu ⁵⁵	laʔ ³¹ pu ³⁵	lɔʔ ³¹ pu ³⁵
2435 (“the bud”)	Ø	Ø	Ø	pan ²¹ tʃup ⁵⁵	pɛ ³¹ tʃam ³⁵	pəŋ ³⁵ tʃam ³¹
3123 (“wake up (v.)”)	Ø	Ø	Ø	pun ²¹	pɔn ³¹	pum ³⁵
2131 (“expand / swell (v.)”)	Ø	Ø	phen ³⁵	pom ²¹ toʔ ⁵⁵	taŋ ³⁵ pauŋ ³¹	pauŋ ³⁵

120.2 Ø:am:am:am:am:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3102 (“to yawn”)	Ø	a ⁵⁵ xam ³¹	it ⁵⁵ xam ³¹	ä ²¹ xam ²¹	a ³¹ xam ⁵¹	Ø
3103 (“to yawn”)	Ø	xam ³¹ a ⁵⁵ xam ³¹	xam ³¹ it ⁵⁵ xam ³¹	xam ²¹ ä ²¹ xam ²¹	xam ³¹ a ³¹ xam ⁵¹	Ø
		xam ³¹	xam ³¹	xam ²¹	xam ³¹	

120.3 Ø:55:55:51:31:35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
455 (“middle”)	Ø	ni ³¹ kuŋ ⁵⁵	a ³¹ koŋ ⁵⁵	ŋji ⁵⁵ kuŋ ⁵¹	və ³¹ kauŋ ³¹	və ³¹ kauŋ ³⁵
89 (“here”)	Ø	xai ⁵⁵ nɛn ³¹	xai ⁵⁵	tɰ ²¹ xai ⁵¹	a ³¹ k ^h ə ³¹ nɛʔ ³¹	Ø

120.4 Ø:oj:uj:uj:uj:a

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
27 (“the fire”)	Ø	poi ³¹	pu ⁵⁵ mɣ ⁵⁵	pui ⁵¹ vaŋ ⁵¹ fut ⁵⁵	pui ⁵⁵ vɔ ⁵⁵	pa ³¹ vɔ ³¹

120.5 Ø:ts:ts:ts:t:ts

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
135 (“the grandson”)	Ø	tsɔ ³¹ mɔʔ ³¹	tsɔ ³¹ mɔʔ ⁵⁵	tso ²¹ moʔ ⁵⁵	ta ³¹	tso

120.6 Ø:ɔ:ɔ:ɔ:a:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
135 (“the grandson”)	∅	tsɔ ³¹ mɔ ^{ʔ31}	tsɔ ³¹ mɔ ^{ʔ55}	tso ²¹ mo ^{ʔ55}	ta ³¹	tso

120.7 Ø:zuat:zot:joʔ:jaʔ:joʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
146 (“cold (of temperature)”)	∅	kzuat ⁵⁵	kzot ⁵⁵	kjoʔ ²¹	kjaʔ ³¹	kjoʔ ³¹

120.8 Ø:Ø:-:ηj:ηj:ηj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
240 (“today”)	∅	∅	n ³¹ man ³⁵	a ²¹ ηji ⁵⁵ nap ²¹	a ³¹ ηji ³⁵ ne ^{ʔ31}	a ³¹ ηji ³¹ ne ^{ʔ31}

120.9 Ø:k^hz:ts^h:^ʔkj:^ʔkj:^ʔkj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
379 (“the star”)	∅	khzə ⁵⁵	tshi ⁵⁵ zum ³¹	kji ⁵¹	kji ⁵⁵	kji ³¹

120.10 Ø:zə:i:ji:ji:ji

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
379 (“the star”)	∅	khzə ⁵⁵	tshi ⁵⁵ zum ³¹	kji ⁵¹	kji ⁵⁵	kji ³¹

120.11 Ø:Ø:ap:ap:εʔ:εʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
527 (“morning”)	∅	∅	nap ⁵⁵ mɔ ⁵¹	a ²¹ ηji ⁵⁵ nap ²¹	a ³¹ ηji ³⁵ ne ^{ʔ31}	a ³¹ ηji ³¹ ne ^{ʔ31}

120.12 Ø:-:-:-:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
772 (“old (aged)”)	∅	muaj ³¹	mɔj ³¹	mjaɲ ²¹	mɔ ³¹	mɔ ³⁵

120.13 Ø:ts:c:tf:tf:tf

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
800 (“correct (right)”)	Ø	tsɿ ⁵⁵	juɿ ³¹ ce ⁵⁵ tsɔ ³¹	tʃo ²¹	tʃɔ ³¹	tʃɔ ³¹

120.14 Ø:^{55,55,21,-,31}

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2014 (“bark (v.)”)	Ø	kzɿp ⁵⁵	kzɿp ⁵⁵	vap ²¹	ɣeɿ	ɣeɿ ³¹

120.15 Ø:kz:kz:k:kj:kj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2042 (“broken, be (bowls) (v.)”)	Ø	kzɿp ⁵⁵	kzɿp ⁵⁵	koɿ ²¹	kjɿ ³¹	kjɿ ³¹

120.16 Ø:nj:nj:n:n:n

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2070 (“collapse / cave in / fall down (v.)”)	Ø	nɿp ⁵⁵	ɲɿp ⁵⁵	nɿp ²¹	nap ³¹	nɿp ³¹

120.17 Ø:jɿp:jɿp:ɿp:ɿp

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2070 (“collapse / cave in / fall down (v.)”)	Ø	nɿp ⁵⁵	ɲɿp ⁵⁵	nɿp ²¹	nap ³¹	nɿp ³¹

120.18 Ø:et:et:it:ɿt:ik

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2095 (“blind, be (v.)”)	Ø	nɿ ⁵⁵ tset ⁵⁵	ɲɿ ⁵⁵ tset ⁵⁵	mjoɿ ²¹ tʃit ²¹	mjaɿ ³¹ tʃɔt ³¹	mjoɿ ³¹ tʃik ³¹

120.19 Ø:^{55,55,21,31,55}

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2095 (“blind, be (v.)”)	Ø	nɿ ⁵⁵ tset ⁵⁵	ɲɿ ⁵⁵ tset ⁵⁵	mjoɿ ²¹ tʃit ²¹	mjaɿ ³¹ tʃɔt ³¹	mjoɿ ³¹ tʃik ³¹

120.20 Ø:et:et:ut:ət:ik

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2112 (“drunk”)	∅	et ⁵⁵	ɛt ⁵⁵	vut ²¹	jət ³¹	jik ³¹

120.21 Ø:t^h:t^h:t[?]:t[?]:t

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2238 (“paste / stick / glue (v.)”)	∅	thap ³⁵	thap ⁵⁵	tap ⁵⁵	tɛɪ ⁵⁵	tɛɪ ⁵⁵

120.22 Ø:tɕ^h:t^h:[?]tʃ:[?]tʃ:[?]tʃ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2406 (“the bell”)	∅	tchu ⁵⁵	thi ³¹ liŋ ³¹	tʃu ⁵¹	tʃu ⁵⁵	tʃu ³¹

120.23 Ø:n:nj:n:n:n

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2423 (“the brains”)	∅	u ³¹ nu [?] 31	u ³¹ ju [?] 35	u ²¹ nu [?] 55	ũ ³¹ nauk ⁵⁵	au ³⁵ nauk ³¹

120.24 Ø:³¹:³⁵:⁵⁵:⁵⁵:³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2423 (“the brains”)	∅	u ³¹ nu [?] 31	u ³¹ ju [?] 35	u ²¹ nu [?] 55	ũ ³¹ nauk ⁵⁵	au ³⁵ nauk ³¹

120.25 Ø:z:l:[?]l:[?]l:[?]l

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2442 (“the butterfly”)	∅	phă ³¹ zəm ³⁵ tʃəm ⁵⁵	phă ⁵⁵ lam ⁵⁵	phă ⁵⁵ lam ⁵¹	phă ³¹ lɛ ⁵⁵	phă ³¹ lɛ ³¹

120.26 Ø:tɕ^h:t^h:ts^h:tʃ^h:ts^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2504 (“the deer”)	∅	tɕet ⁵⁵ tau [?] 55	thet ⁵⁵	tʃhat ⁵⁵	tʃhet ³¹	tʃhɛ [?] 55

120.27 Ø:et:et:at:et:et?

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2504 (“the deer”)	Ø	t̥et ⁵⁵ tau ²⁵⁵	thet ⁵⁵	tshat ⁵⁵	tʃhet ³¹	tshɛ ⁷⁵⁵

120.28 Ø:55:55:55:31:55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2504 (“the deer”)	Ø	t̥et ⁵⁵ tau ²⁵⁵	thet ⁵⁵	tshat ⁵⁵	tʃhet ³¹	tshɛ ⁷⁵⁵

120.29 Ø:an:an:an:ɔ ~ :ɔ ~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2576 (“the ginger”)	Ø	t̥əhaŋ ³¹	tʃhaŋ ³¹	tʃhaŋ ²¹	tʃhɔ̃ ³⁵	tʃhɔ̃ ³⁵

120.30 Ø:31:55:55:55:55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2676 (“the navel”)	Ø	t̥hi ³¹ t̥t ⁵⁵	tʃhɔ̃ ⁷⁵⁵ thoŋ ³¹	tʃho ⁷⁵⁵	tʃha ⁷⁵⁵	tʃhɔ̃ ⁵⁵

120.31 Ø:k^hz:k^hz:kj:²kj:²kj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
821 (“to scratch”)	Ø	khzən ⁵⁵	khzan ⁵⁵	kjin ⁵¹	kjɔn ⁵⁵	kjin ³¹
2603 (“the hat”)	Ø	Ø	Ø	mu ²¹ kjup ⁵⁵	mau ⁷³¹ kjap ⁵⁵	mauk ³¹ kjap ⁵⁵

120.32 Ø:t:t:²t:²t:²t

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
126 (“the flower”)	Ø	kän ⁵⁵ tam ³¹	pan ⁵⁵ tam ³¹	Ø	Ø	Ø
154 (“the water”)	Ø	ti ⁵⁵	ti ⁵⁵	Ø	Ø	Ø
340 (“to fight”)	Ø	tek ⁵⁵ kɔ ³¹	ta ³⁵ kɔ ³⁵	Ø	Ø	Ø
464 (“the stick”)	Ø	tam ⁵⁵	tam ⁵⁵	Ø	Ø	Ø
2021 (“beautiful”)	Ø	tɔm ³⁵	tom ³⁵	Ø	Ø	Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2065 (“chop / cut (meat) (v.)”)	∅	tuak ³⁵	tək ⁵⁵	∅	∅	∅
2509 (“the door”)	∅	pă ³¹ tu ³⁵	pak ³¹ tu ³⁵	∅	∅	∅
3001 (“to remember”)	∅	təŋ ³⁵	toŋ ⁵⁵	∅	∅	∅
21 (“the rope”)	∅	toi ³¹	tui ³¹	tui ²¹	tui ³⁵	tɔi ³⁵
535 (“noon”)	∅	∅	∅	ŋji ⁵⁵ kuŋ ⁵¹	ŋji ³⁵ kaŋ ³¹	∅
3078 (“to wait”)	∅	∅	∅	tu ²¹ laŋ ⁵⁵ to ²¹	tu ⁵⁵ lɔ ³⁵ ta ³¹	∅
2311 (“speak (v.)”)	∅	∅	∅	∅	tɪ ³⁵ kja ³⁵	ta ⁵⁵ kjɔ ³⁵
2928 (“to catch”)	∅	∅	∅	∅	taŋ ³⁵	taŋ ³⁵
216 (“the wood (material)”)	∅	∅	∅	sik ⁵⁵ tum ⁵⁵	sak ⁵⁵ tam ³⁵	∅
829 (“short”)	∅	∅	tək ⁵⁵	tot ²¹	∅	∅

120.33 Ø:Ø:ɔ̃:ɔ̃:ə̃:ə̃

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
324 (“the fish”)	∅	∅	ŋɔ̃ ³¹ ɔ̃ ³¹	ŋɔ̃ ²¹ tso ²¹	ŋə̃ ³¹ ta ³¹	ŋə̃ ³¹ tso ³¹
459 (“the ear”)	∅	∅	∅	nɔ̃ ²¹ phjo ²¹	nə̃ ³¹ khj ⁵⁵	nə̃ ³¹ khjɛ ⁵⁵

120.34 Ø:Ø:ut:ut:ø?:ø?

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2183 (“hungry”)	∅	∅	mut ⁵⁵	mut ²¹	vɛ̃ ³¹ mø ⁵⁵	mø ³¹
469 (“look like / resemble (v.)”)	∅	∅	tut ⁵⁵	tut ²¹	∅	tø ³¹

120.35 Ø:x:x:xj:k^h:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
89 (“here”)	∅	xai ⁵⁵ nɛn ³¹	xai ⁵⁵	xai ⁵¹	a ³¹ k ^h ə̃ ³¹ nɛɽ ³¹	∅

120.36 Ø:zau?:Ø:juj:ju:juk

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
94 (“to blow (of wind)”)	∅	xzau ³⁵	∅	khju ²¹	khju ³⁵	khjuk ⁵⁵

120.37 Ø:Ø:p^h:p^h:[?]p:[?]p

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
196 (“the knee”)	∅	∅	phɔʔ ³¹ tʃhuuk ⁵⁵	khji ⁵¹ phut ⁵⁵	pɔt ⁵⁵ lauʔ ⁵⁵	pat ⁵⁵ lauk ³¹

120.38 Ø:Ø:ŋ:ŋ:ŋ:ŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
324 (“the fish”)	∅	∅	ŋə ³¹ ʃə ³¹	ŋə ²¹ tso ²¹	ŋə ³¹ ta ³¹	ŋə ³¹ tso ³¹

120.39 Ø:Ø:^{53,55,31,55}

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
446 (“the thigh”)	∅	∅	lam ⁵⁵ pau ⁵³	taŋ ²¹ pau ⁵⁵	tʃ ³⁵ pau ³¹	tʃ ⁵⁵ puk ⁵⁵

120.40 Ø:Ø:^{31,55,31,31}

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
489 (“the flea”)	∅	∅	fu ³¹ lai ³¹	k ^h ə ⁵⁵ lai ²¹	k ^h ə ³¹ lɔi ³⁵	k ^h ə ³¹ la ³⁵

120.41 Ø:Ø:c^h:²tʃ:²tʃ:²tʃ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
766 (“smooth”)	∅	∅	chət ³⁵	tʃut ⁵⁵	tau ⁷³¹ tʃət ⁵⁵	tʃat ⁵⁵

120.42 Ø:ă:Ø:ě:ă:a

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
819 (“the forehead”)	∅	ŋă ³¹ tha ³⁵	∅	ŋé ²¹ laŋ ²¹	ŋă ³¹ lɔ ³¹	ŋa ³⁵ lɔ ³¹

120.43 Ø:Ø:en:om:auŋ:auŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2131 (“expand / swell (v.)”)	∅	∅	phen ³⁵	pom ²¹ to ⁷⁵⁵	taŋ ³⁵ pauŋ ³¹	pauŋ ³⁵

120.44 Ø:m:Ø:²m:²m:²m

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2822 (“the testicles”)	Ø	ṇi ³¹ tsi ⁷³¹	Ø	nji ²¹ tʃi ⁵⁵	ṇji ³⁵ tʃi ³⁵	nji ³⁵ tʃik ⁵⁵

120.52 Ø:Ø:r:jo:ja:jɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2887 (“the winter”)	Ø	Ø	kzɔt ⁵⁵ mɾ ⁵⁵	kjo ²¹ mjo ²¹	kja ⁷³¹ mja ⁵⁵	kjo ⁷³¹ mjo ³¹

120.53 Ø:Ø:zɔt:joʔ:jaʔ:jɔʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2888 (“the winter”)	Ø	Ø	kzɔt ⁵⁵ mɾ ⁵⁵	kjo ²¹ mjo ²¹	kja ⁷³¹ mja ⁵⁵	kjo ⁷³¹ mjo ³¹

120.54 Ø:zap:zap:ap:ɛʔ:ɛʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2014 (“bark (v.)”)	Ø	kzap ⁵⁵	kzap ⁵⁵	vap ²¹	yeʔ	yeʔ ³¹
2140 (“fast”)	Ø	mzap ⁵⁵	mzap ⁵⁵	Ø	Ø	Ø

120.55 Ø:zɔp:zɔp:oʔ:jøʔ:jøʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2042 (“broken, be (bowls) (v.)”)	Ø	kzɔp ⁵⁵	kzɔp ⁵⁵	ko ²¹	kjø ⁷³¹	kjø ⁷³¹
2069 (“collapse / cave in / fall down (v.)”)	Ø	Ø	Ø	Ø	kjø ⁷³¹	kjø ⁷³¹

120.56 Ø:iŋ:iŋ:eŋ:aŋ:aŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2268 (“roll (v.)”)	Ø	liŋ ³⁵	liŋ ³¹	leŋ ²¹	phau ⁷⁵⁵ laŋ ³⁵	laŋ ⁵⁵ kum ³¹
2012 (“bald”)	Ø	liŋ ⁵⁵	liŋ ³⁵	Ø	Ø	Ø

120.57 Ø:-:j:-:-:-

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2423 (“the brains”)	Ø	u ³¹ nu ⁷³¹	u ³¹ ju ⁷³⁵	u ²¹ nu ⁷⁵⁵	ü ³¹ nauk ⁵⁵	au ³⁵ nauk ³¹
2854 (“the wall”)	Ø	tʃhaŋ ³¹	tʃhiaŋ ³¹	Ø	Ø	Ø

120.58 Ø:ηj:ηj:[?]ηj:[?]ηj:[?]ηj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
528 (“he or she [third person singular]”)	∅	ηap ³¹	ηap ³¹	∅	∅	∅
692 (“the dust”)	∅	ηon ⁵⁵ pen ³¹	ηion ⁵⁵	∅	∅	∅
763 (“narrow”)	∅	ηap ⁵⁵	ηiap ⁵⁵	∅	∅	∅
2657 (“the medicine”)	∅	nam ³¹ ηa ³¹	ηa ³¹	∅	∅	∅
2541 (“the finger”)	∅	lo ⁷⁵⁵ ηau ³¹	lo ⁷⁵⁵ ηau ³¹	lo ²¹ ηjui ²¹	la ²¹ ηjui ³⁵	lo ³¹ ηjuk ⁵⁵
471 (“to hide (conceal)”)	∅	∅	∅	∅	ηjam ³⁵	ηjam ³⁵
2213 (“make (tea) (v.)”)	∅	∅	∅	ηjun ²¹	ηjun ³⁵	∅

120.59 Ø:Ø:ap:jap:je?:je?

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2291 (“sheet (classifier for paper)”)	∅	∅	tšap ⁵⁵	khjap ⁵⁵	khje ⁷⁵⁵	khje ⁷⁵⁵
119 (“to throw”)	∅	∅	∅	∅	pje ⁷⁵⁵	pje ⁷⁵⁵
231 (“the ear”)	∅	∅	∅	∅	nə ³¹ khj ⁵⁵	nə ³¹ khje ⁷⁵⁵

120.60 Ø:zən:zan:jin:jən:jin

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
821 (“to scratch”)	∅	khzən ⁵⁵	khzan ⁵⁵	kjin ⁵¹	kjən ⁵⁵	kjin ³¹
2930 (“to choose”)	∅	∅	∅	kjin ⁵¹ tho ⁷⁵⁵	khjən ⁵⁵	khjin ³¹
2322 (“splash / sprinkle (v.)”)	∅	kzən ³¹	∅	ju ⁵¹	∅	∅

120.61 Ø:³¹:³¹:²¹:⁵¹:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3103 (“to yawn”)	∅	a ⁵⁵ xam ³¹	it ⁵⁵ xam ³¹	ä ²¹ xam ²¹	a ³¹ xam ⁵¹	∅
616 (“the barley (tibetan or highland)”)	∅	xam ³¹	xam ³¹	xam ²¹ mə ⁵⁵ ja ²¹ ηjan ²¹	xam ³¹ mə ³¹ ja ⁵¹	∅

120.62 Ø:Ø:p^h:[?]pj:[?]pj:[?]pj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2165 (“flat (shallow)”)	∅	∅	phen ³¹	pjen ⁵⁵	pjɛ ³⁵	∅
2515 (“the duck”)	∅	∅	∅	pjet ⁵⁵	pjet ⁵⁵	pjet ⁵⁵
119 (“to throw”)	∅	∅	∅	∅	pjɛ ⁷⁵⁵	pjɛ ⁷⁵⁵

120.63 **Ø:Ø:Ø:Ø:ø:ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
613 (“the sickle”)	∅	∅	∅	∅	ʃɛ ⁵⁵ ŋø ³⁵	ʃɛ ³¹ ŋø ³⁵
863 (“to spit”)	∅	∅	∅	∅	phø ³⁵	phø ³⁵

120.64 **Ø:it:ut:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
645 (“the sickle”)	∅	ʒit ⁵⁵ mɔ ^{ʔ31}	ʒut ⁵⁵ mɔ ³¹	∅	∅	∅
2682 (“the shadow”)	∅	a ³¹ ʒit ⁵⁵	a ³¹ ʒut ⁵⁵	∅	∅	∅

120.65 **Ø:pz:pz:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
847 (“the rabbit”)	∅	pʒaŋ ⁵⁵ tai ⁵⁵	pʒaŋ ³¹ tai ⁵⁵	∅	∅	∅
2143 (“fat (of person)”)	∅	pʒau ³¹	pʒau ³¹	∅	∅	∅

120.66 **Ø:it:it:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2002 (“angry”)	∅	tsit ⁵⁵	tsit ⁵⁵	∅	∅	∅
3115 (“twist (a towel) (v.)”)	∅	tshit ⁵⁵	tshit ⁵⁵	∅	∅	∅

120.67 **Ø:jak:ek:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2704 (“the pine”)	∅	piak ³¹ tseŋ ⁵⁵	tsɛ ³¹ pek ³⁵ a ³¹	∅	∅	∅
3045 (“to split”)	∅	tiak ³⁵	tɕuŋ ⁵⁵ tɛk ³⁵	∅	∅	∅

120.68 **Ø:Ø:ø:ø:ʒ:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
383 (“the buffalo”)	∅	∅	nō ³¹ lui ³¹	nō ²¹ nau ⁵⁵	nō ³¹ nau ³⁵	∅
2766 (“the snail”)	∅	∅	∅	nō ⁵⁵ pap ²¹	nō ³¹ pε ^{ʔ31}	∅

120.69 Ø:n:-:Ø:Ø:nj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
517 (“the ash”)	∅	nă ³¹ zəp ³⁵	ŋ ⁵⁵ pui ³¹	∅	∅	nji ³⁵ map ⁵⁵
2523 (“the west”)	∅	ni ³¹ mō ³¹ oŋ ⁵⁵ pa ³¹	n ⁵⁵ mō ⁵¹ oŋ ⁵⁵ pa ³¹	∅	∅	∅

120.70 Ø:Ø:tʂ:Ø:t:t

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
124 (“to burn [intransitive]”)	∅	∅	tʂap ³⁵	∅	tε ^{ʔ31}	tε ^{ʔ31}

120.71 Ø:Ø:Ø:^ʔpj:^ʔp:^ʔpj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
187 (“horizontal”)	∅	∅	∅	a ²¹ pji ⁵¹	pi ⁵⁵	pji ³¹

120.72 Ø:Ø:Ø:^ʔl:l:^ʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
226 (“the dust”)	∅	∅	∅	phui ²¹ lau ⁵¹	phə ³¹ lau ⁵⁵	phōi ³⁵ luk ³¹

120.73 Ø:Ø:Ø:^ʔj:j:^ʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
270 (“he or she [third person singular]”)	∅	∅	∅	jaŋ ²¹	jō ³¹	jō ³⁵

120.74 Ø:Ø:Ø:uj:ə:ʒj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
320 (“the dust”)	∅	∅	∅	phui ²¹ lau ⁵¹	phə ³¹ lau ⁵⁵	phōi ³⁵ luk ³¹

120.75 **Ø:le:le:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
382 (“the sand”)	Ø	să ³¹ le ⁵⁵	sa ³¹ le ³¹	Ø	Ø	Ø

120.76 **Ø:Ø:ŋj:Ø:nj:ŋj**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
507 (“the rainbow”)	Ø	Ø	h ⁵⁵ ŋ ³¹ ka ² ⁵⁵ laŋ ³¹ kam ⁵⁵	Ø	ya ² ³¹ kē ³¹ saŋ ⁵⁵ njuŋ ⁵⁵	γ ³¹ kaŋ ³⁵ saŋ ³¹ ŋj ³¹

120.77 **Ø:Ø:jɔ?:Ø:jun:jɔ ~**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
507 (“the rainbow”)	Ø	Ø	h ⁵⁵ ŋ ³¹ ka ² ⁵⁵ laŋ ³¹ kam ⁵⁵	Ø	ya ² ³¹ kē ³¹ saŋ ⁵⁵ njuŋ ⁵⁵	γ ³¹ kaŋ ³⁵ saŋ ³¹ ŋj ³¹

120.78 **Ø:ă:n:Ø:Ø:ji**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
517 (“the ash”)	Ø	nă ³¹ zəp ³⁵	ŋ ⁵⁵ pui ³¹	Ø	Ø	nji ³⁵ map ⁵⁵

120.79 **Ø:Ø:Ø:o:ε ~ :ɔ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
573 (“the moon”)	Ø	Ø	Ø	lo ⁵⁵ mo ⁵⁵	lɛ ³⁵ ma ³¹	lɔ ⁵⁵

120.80 **Ø:Ø:Ø:²ts:²ts:²ts**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
583 (“the earth (soil)”)	Ø	Ø	Ø	mji ⁵⁵ tse ²¹	tsă ⁵⁵ ŋja ² ⁵⁵	mjik ³¹ tsai ³⁵

120.81 **Ø:Ø:Ø:^{21,55,35}**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
583 (“the earth (soil)”)	Ø	Ø	Ø	mji ⁵⁵ tse ²¹	tsă ⁵⁵ ŋja ² ⁵⁵	mjik ³¹ tsai ³⁵

120.82 Ø:Ø:Ø:²t:²tʃ:²tʃ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
673 (“wet”)	∅	∅	∅	teʔ ⁵⁵	tʃɔʔ ⁵⁵	tʃuk ⁵⁵

120.83 Ø:Ø:Ø:²ŋj:n:²n

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
778 (“soft”)	∅	∅	∅	ŋjom ⁵⁵	nɛ ³⁵	nɛ̃ ⁵⁵

120.84 Ø:əŋ:aŋ:an:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2039 (“bright”)	∅	səŋ ³¹	ʃaŋ ³¹	san ²¹ san ²¹	∅	∅

120.85 Ø:tʃ:t:ts:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2067 (“cloudy, be (sky) / overcast (v.)”)	∅	mau ³¹ tʃsau ³⁵	mau ³¹ tau ³¹	mau ²¹ tsau ⁵⁵	∅	∅

120.86 Ø:Ø:en:jen:je:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2165 (“flat (shallow)”)	∅	∅	phen ³¹	pjen ⁵⁵	pje ³⁵	∅

120.87 Ø:Ø:Ø:o:ǎ:ɔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2168 (“forget (v.)”)	∅	∅	∅	tɔ ²¹ mji ⁵⁵	tǎ ³¹ məi ³¹	tɔ ⁵⁵ mjik ⁵⁵

120.88 Ø:Ø:om:om:Ø:ɔm

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2171 (“fragrant”)	∅	∅	xom ³⁵	xom ⁵⁵	∅	xɔm ³⁵

120.89 Ø:Ø:Ø:jik:jak:jak

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2312 (“spicy”)	Ø	Ø	Ø	phjik ⁵⁵	phjak ⁵⁵	phjak ⁵⁵

120.90 Ø:Ø:xz:Ø:f:ʔf

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2315 (“splash / sprinkle (v.)”)	Ø	Ø	xzɔt ⁵⁵	Ø	fɛʔ ⁵⁵	fɛʔ ⁵⁵

120.91 Ø:Ø:Ø:uj:aw:aw

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2329 (“sweat”)	Ø	Ø	Ø	pui ⁵¹ pu ⁵¹	pau ³¹ kjə ³⁵	pau ³¹ kjə ³⁵

120.92 Ø:Ø:Ø:a:ǎ:ǎ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2369 (“the axe”)	Ø	Ø	Ø	va ²¹ tsuŋ ²¹	vǎ ³¹ tsauŋ ³¹	vǎ ⁵⁵ tsauŋ ³¹

120.93 Ø:Ø:Ø:jet:jet:jet

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2515 (“the duck”)	Ø	Ø	Ø	pjet ⁵⁵	pjet ⁵⁵	pjet ⁵⁵

120.94 Ø:Ø:Ø:t^h:t^h:t^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2525 (“the elbow”)	Ø	Ø	Ø	loʔ ²¹ mun ⁵⁵ thuŋ ⁵⁵ tshum ⁵¹	laʔ ³¹ mɔŋ ³⁵ tʃhɔ̃ ³⁵ thauŋ ³¹	lɔʔ ³¹ mat ⁵⁵ thauŋ ³⁵ thɔ̃ ³¹

120.95 Ø:Ø:aʔ:Ø:a:a

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2562 (“the garlic”)	Ø	Ø	laʔ ³¹	Ø	la ³¹	la ³¹

120.96 Ø:p:Ø:²pj:Ø:pj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2608 (“the horn (woodwind)”)	∅	pe ³¹ xe ³¹	∅	pji ²¹ khje ⁵⁵	∅	pji ⁵⁵ khje ³¹

120.97 Ø:e:Ø:ji:Ø:ji

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2608 (“the horn (woodwind)”)	∅	pe ³¹ xe ³¹	∅	pji ²¹ khje ⁵⁵	∅	pji ⁵⁵ khje ³¹

120.98 Ø:Ø:Ø:uj:i:uj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2718 (“the poison”)	∅	∅	∅	mui ²¹	mi ³¹ na ²⁵⁵	mui ³⁵

120.99 Ø:wi?:uj:Ø:aj:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2738 (“the saliva”)	∅	a ³¹ zui ³¹	a ³¹ cui ³¹	∅	kh ³¹ ta ³⁵	∅

120.100 Ø:Ø:z:Ø:k^h:k^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2745 (“the scar”)	∅	∅	a ³¹ z ⁵⁵	∅	tē ⁵⁵ kh ⁵⁵	tē ³¹ kh ³¹

120.101 Ø:Ø:Ø:i:i:ik

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2837 (“the urine”)	∅	∅	∅	i ²¹	i ³⁵	ik ⁵⁵

120.102 Ø:Ø:Ø:^{21,35,21}

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2839 (“the valley”)	∅	∅	∅	vui ⁵¹ khuj ²¹	l ³¹ khauj ³⁵	l ³⁵ khauj ²¹

120.103 Ø:Ø:ʈs:Ø:t:t

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2923 (“to burn”)	Ø	Ø	tʂap ³⁵	Ø	tɛʔ ³¹	tɛʔ ³¹

120.104 Ø:tʂ^h:ʈs^h:ʔtʃ:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2926 (“to catch”)	Ø	tʂhɔp ⁵⁵	tʂhup ⁵⁵	tʃup ⁵⁵	Ø	Ø

120.105 Ø:Ø:Ø:kj:k^hj:k^hj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2930 (“to choose”)	Ø	Ø	Ø	kjin ⁵¹ thoʔ ⁵⁵ ju ⁵¹	khjɔn ⁵⁵	khjin ³¹

120.106 Ø:ǎ:au:ǎ:ǎ:ǎ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
449 (“the butterfly”)	Ø	phǎ ³¹ zam ³⁵ tʂam ⁵⁵	Ø	phǎ ⁵⁵ lam ⁵¹	phǎ ³¹ lǎ ⁵⁵	phǎ ³¹ lǎ ³¹
2498 (“the dance”)	Ø	Ø	Ø	mǎ ²¹ khon ⁵¹	mǎ ³¹ khɔn ⁵⁵	mǎ ³¹ khɔn ⁵⁵
754 (“the moon”)	Ø	phǎ ³¹ lɔʔ ³¹	pau ⁵⁵ lɔʔ ³¹	Ø	Ø	Ø

120.107 Ø:-:z:v:-:v

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
560 (“the armpit”)	Ø	kǎ ³¹ liŋ ³⁵ tʂ ^h uaŋ ⁵⁵	lɔʔ ³¹ san ⁵⁵ k ^h zɔʔ ⁵⁵	Ø	Ø	Ø
652 (“the fly”)	Ø	p ^h ɔp ⁵⁵	phzup ⁵⁵	Ø	Ø	Ø
851 (“the rib”)	Ø	luk ³¹ khaŋ ³¹ tʂham ⁵¹	zau ³¹ khzaŋ ³¹	Ø	Ø	Ø
3084 (“to watch (over somebody)”)	Ø	Ø	zu ³⁵	vu ⁵⁵	u ³⁵	vu ⁵⁵

120.108 Ø:⁵¹:Ø:²¹:³⁵:³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
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	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2728 (“the rib”)	∅	luk ³¹ khaŋ ³¹ tʃham ⁵¹	∅	nam ⁵¹ tʃham ²¹	nɛ̃ ⁵⁵ tʃhɛ̃ ³⁵	nɛ̃ ³¹ tʃhɛ̃ ³⁵ yuk ⁵⁵
644 (“the bud”)	∅	kan ³¹ tam ⁵¹ təm ³¹	∅	∅	∅	∅

120.109 Ø:aj:aj:ji:ə:jiŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
89 (“here”)	∅	xai ⁵⁵ nɛn ³¹	xai ⁵⁵	xai ⁵¹	a ³¹ k ^{hə} ³¹ nɛ ^ʔ ³¹	∅
2556 (“the friend”)	∅	∅	∅	phji ²¹ tsum ⁵⁵	∅	pjiŋ ³¹ tʃhɔ̃ ³⁵

120.110 Ø:zak:zak:ik:ak:ak

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2249 (“prize / pry (v.)”)	∅	∅	kzak ³⁵	kik ²¹	kak ³¹ tɯ ⁵⁵	kak ³¹
522 (“hard”)	∅	kzak ⁵⁵	kzak ⁵⁵	∅	∅	∅

120.111 Ø:t^h:t^h:tʃ^h:tʃ^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2693 (“the pestle”)	∅	∅	a ³¹ tam ⁵⁵	thuŋ ⁵¹ kji ³³	tʃhɔ̃ ³¹ kji ⁵⁵	tʃhum ³⁵ thauŋ ³¹ lɔ ^ʔ ³¹
2552 (“the forehead”)	∅	ŋä ³¹ tha ³⁵	ŋo ³¹ ta ³⁵	∅	∅	∅

120.112 Ø:tʃ^h:ts^h:tʃ^h:tʃ^h:tʃ^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2728 (“the rib”)	∅	luk ³¹ khaŋ ³¹ tʃham ⁵¹	∅	nam ⁵¹ tʃham ²¹	nɛ̃ ⁵⁵ tʃhɛ̃ ³⁵	nɛ̃ ³¹ tʃhɛ̃ ³⁵ yuk ⁵⁵
2854 (“the wall”)	∅	tʃhaj ³¹	tshiaŋ ³¹	∅	∅	∅

120.113 Ø:ap:ɔʔ:oʔ:aʔ:oʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2915 (“to breathe”)	∅	∅	so ^ʔ ⁵⁵	so ^ʔ ⁵⁵	sa ^ʔ ⁵⁵	so ^ʔ ⁵⁵
70 (“the ash”)	∅	nä ³¹ zap ³⁵	zɔ ^ʔ ⁵⁵ phɔ ^ʔ ⁵⁵	∅	∅	∅

120.114 Ø:zət:zət:jit:jət:jat

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3020 (“to shave”)	Ø	khzət ³⁵	khzət ⁵⁵	Ø	khjət ⁵⁵	khjat ⁵⁵
87 (“to think (reflect)”)	Ø	Ø	Ø	mjit ²¹	mjət ³¹	Ø

120.115 Ø:oʔ:u:u:u:u

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3084 (“to watch (over somebody)”)	Ø	Ø	zɯ ³⁵	vu ⁵⁵	u ³⁵	vu ⁵⁵
730 (“to be afraid”)	Ø	zɔʔ ⁵⁵	ju ⁵⁵	Ø	Ø	Ø

120.116 Ø:w:-:-:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2738 (“the saliva”)	Ø	a ³¹ zui ^{ʔ31}	a ³¹ cui ³¹	Ø	khə ³¹ ta ⁱ³⁵	Ø
2333 (“sweet”)	Ø	uai ³¹	oi ³¹	Ø	Ø	Ø
3058 (“to swim”)	Ø	luai ⁵⁵ luai ⁵⁵	Ø	vui ⁵¹ li ²¹	Ø	Ø

120.117 Ø:uʔ:u:ju:jun:jun

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
102 (“to float”)	Ø	Ø	Ø	mju ²¹	mjun ³¹	mjun ³⁵
2639 (“the leech”)	Ø	nu ^{ʔ55}	nu ⁵⁵	Ø	fɛ ^{ʔ55} ŋjun ⁵⁵	Ø

120.118 Ø:aʔ:aʔ:aj:aj:a

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
295 (“the goat”)	Ø	pa ^{ʔ55}	pa ^{ʔ31}	pai ²¹ nam ⁵⁵	Ø	Ø
2127 (“exchange (v.)”)	Ø	Ø	Ø	thai ⁵⁵ lum ²¹	thai ³⁵ lam ³⁵	tha ⁵⁵

120.119 Ø:⁵⁵.³¹.²¹.³⁵.³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
295 (“the goat”)	Ø	pa ^{ʔ55}	pa ^{ʔ31}	pai ²¹ nam ⁵⁵	Ø	Ø
344 (“to fight”)	Ø	Ø	Ø	pat ²¹ lum ²¹	pɛ ^{ʔ31} lam ³⁵	pɛ ^{ʔ31} lam ³¹

120.120 Ø:iaŋ:aŋ:um:auŋ:ɔ ~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2528 (“the elbow”)	Ø	Ø	Ø	loʔ ²¹ mun ⁵⁵ thuŋ ⁵⁵ tshum ⁵¹	laʔ ³¹ mɔŋ ³⁵ tʃhɔ̃ ³⁵ thauŋ ³¹	lɔʔ ³¹ mat ⁵⁵ thauŋ ³⁵ thɔ̃ ³¹
2554 (“the friend”)	Ø	Ø	a ³¹ tʃhaŋ ³¹	phji ²¹ tsum ⁵⁵	Ø	pjiŋ ³¹ tʃhɔ̃ ³⁵
831 (“to sing”)	Ø	siaŋ ³⁵ ciaŋ ⁵⁵	çaiŋ ⁵⁵ çaiŋ ³⁵	Ø	Ø	Ø

120.121 Ø:ai?:Ø:e:ə:aj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
583 (“the earth (soil)”)	Ø	Ø	Ø	mji ⁵⁵ tse ²¹	tsə ⁵⁵ ŋja ^{ʔ55}	mjik ³¹ tsai ³⁵
2207 (“line up (v.)”)	Ø	phaiʔ ³¹	Ø	Ø	Ø	phai ³¹

120.122 Ø:Ø:op:op:ap:ap

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2362 (“the ash”)	Ø	Ø	Ø	mji ²¹ mop ⁵⁵	mi ³¹ map ³¹	nji ³⁵ map ⁵⁵
475 (“to hold”)	Ø	Ø	tʃhop ⁵⁵	Ø	tsap ⁵⁵	Ø

120.123 Ø:Ø:zɔŋ:uŋ:ɔ ~ :auŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2525 (“the elbow”)	Ø	Ø	Ø	loʔ ²¹ mun ⁵⁵ thuŋ ⁵⁵ tshum ⁵¹	laʔ ³¹ mɔŋ ³⁵ tʃhɔ̃ ³⁵ thauŋ ³¹	lɔʔ ³¹ mat ⁵⁵ thauŋ ³⁵ thɔ̃ ³¹
2029 (“bloated, feel (of the stomach) (v.)”)	Ø	Ø	pzɔŋ ³¹	puŋ ²¹	Ø	Ø

120.124 Ø:aŋ:an:an:Ø:an

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2596 (“the half”)	Ø	Ø	pan ³¹	pan ⁵⁵	Ø	pan ³⁵
2985 (“to love”)	Ø	naŋ ³¹	nan ³¹	Ø	Ø	Ø

120.125 Ø:im:zum:um:am:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2620 (“the kidney”)	Ø	nam ³¹ li ^{m55}	Ø	tʃin ⁵⁵ lum ²¹	tʃɔn ³⁵ lam ³¹	Ø
2434 (“the bud”)	Ø	Ø	a ³¹ pzum ³¹	a ²¹ pum ²¹	Ø	Ø

120.126 Ø:waj:Ø:i:i

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2712 (“the plow”)	Ø	Ø	Ø	li ²¹	li ³¹	li ³¹
3058 (“to swim”)	Ø	luai ⁵⁵ luai ⁵⁵	Ø	vui ⁵¹ li ²¹	Ø	Ø

120.127 Ø:z̥w:c:ʔkj:ʔt:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2738 (“the saliva”)	Ø	a ³¹ zui ^{ʔ31}	a ³¹ cui ³¹	Ø	khə ³¹ tai ³⁵	Ø
248 (“the frog”)	Ø	Ø	phə ³¹ cak ³⁵	pö ²¹ kjek ⁵⁵	Ø	Ø

120.128 Ø:u:ɔ:Ø:ɔ:u

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2745 (“the scar”)	Ø	Ø	a ³¹ zɔ ⁵⁵	Ø	tɛ ⁵⁵ khɔ ⁵⁵	tɛ ³¹ khu ³¹
2692 (“the peanut”)	Ø	thu ⁵⁵ lin ⁵⁵	thɔ ³¹ lin ³¹	Ø	Ø	Ø

120.129 Ø:ak:ak:ak:ak:əʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2007 (“assess / estimate (v.)”)	Ø	tak ⁵⁵	tak ⁵⁵	tak ²¹	Ø	Ø
30 (“hundred”)	Ø	pak ³⁵	pak ³⁵	Ø	Ø	Ø
649 (“young”)	Ø	Ø	Ø	a ²¹ sak ²¹ ti ^{ʔ55}	a ³¹ sak ³¹ ɲai ⁵⁵	Ø
2493 (“the crow”)	Ø	Ø	kak ⁵⁵	Ø	Ø	kəʔ ³¹ nɔʔ ³¹

120.130 Ø:tʃ^h:tʃ^h:ts^h:ʔts:ʃ^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2554 (“the friend”)	Ø	Ø	a ³¹ tʃhaŋ ³¹	phji ²¹ tsum ⁵⁵	Ø	pjiŋ ³¹ tʃhɔ ³⁵
228 (“the ear”)	Ø	ni ³¹ tʃhua ³¹	ŋa ³¹ tʃhɔ ³¹	Ø	Ø	Ø
475 (“to hold”)	Ø	Ø	tʃhop ⁵⁵	Ø	tsap ⁵⁵	Ø

120.137 Ø:Ø:Ø:aj:ə:ε

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
90 (“this”)	∅	∅	∅	∅	tʃhə ⁵⁵	tʃhε ³¹
640 (“above”)	∅	∅	∅	o ⁵¹ mai ²¹	∅	ɔ ³¹ me ³¹

120.132 Ø:kz:Ø:ʔkj:k:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
116 (“the branch”)	∅	ʃək ⁵⁵ kzəŋ ⁵⁵	∅	sik ⁵⁵ kjaŋ ⁵¹	∅	∅
532 (“morning”)	∅	∅	∅	nap ²¹ kjo ⁵⁵	neŋ ³¹ kɔ ⁵⁵	∅

120.133 Ø:Ø:Ø:aj:øʔ:aw

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
181 (“to dig”)	∅	∅	∅	khai ²¹	khøŋ ³¹	∅
2308 (“speak (v.)”)	∅	∅	∅	tai ²¹ kjo ²¹	∅	tʃau ³¹

120.134 Ø:ǎ:ak:jek:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
248 (“the frog”)	∅	∅	phǎ ³¹ cak ³⁵	pö ²¹ kjek ⁵⁵	∅	∅
2511 (“the door”)	∅	pǎ ³¹ tu ³⁵	pak ³¹ tu ³⁵	∅	∅	∅

120.135 Ø:si:ç:Ø:Ø:tʃ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
388 (“the fog”)	∅	∅	çəŋ ⁵⁵ cin ³¹	∅	∅	tʃam ³¹ thoi ³⁵
831 (“to sing”)	∅	siaŋ ³⁵ ciaŋ ⁵⁵	çəŋ ⁵⁵ çəŋ ³⁵	∅	∅	∅

120.136 Ø:Ø:um:Ø:jam:jam

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
471 (“to hide (conceal)”)	∅	∅	∅	∅	ŋjam ³⁵	ŋjam ³⁵
566 (“late”)	∅	∅	kum ⁵⁵	∅	∅	kjam ³¹

120.137 Ø:jap:jap:jap:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
763 (“narrow”)	Ø	ɲap ⁵⁵	ɲap ⁵⁵	Ø	Ø	Ø
2204 (“line up (v.)”)	Ø	Ø	jap ⁵⁵	jap ²¹ jan ⁵⁵	Ø	Ø

120.138 Ø:uak:ɔk:ot:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
829 (“short”)	Ø	Ø	tɔk ⁵⁵	tɔt ²¹	Ø	Ø
2065 (“chop / cut (meat) (v.)”)	Ø	tuak ³⁵	tɔk ⁵⁵	Ø	Ø	Ø

120.139 Ø:a:ǎ:ǎ:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2464 (“the chin”)	Ø	pha ³¹ kəŋ ³⁵	phǎ ³¹ kəŋ ³⁵	Ø	Ø	Ø
3104 (“to yawn”)	Ø	a ⁵⁵ xam ³¹ xam ³¹	Ø	ǎ ²¹ xam ²¹ xam ²¹	Ø	Ø

120.140 Ø:Ø:Ø:xj:x:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
60 (“that”)	Ø	Ø	Ø	xje ⁵¹	xu ⁵¹	Ø

120.141 Ø:Ø:Ø:⁵¹:⁵¹:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
60 (“that”)	Ø	Ø	Ø	xje ⁵¹	xu ⁵¹	Ø

120.142 Ø:jə:ju:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
105 (“to float”)	Ø	ɲə ³¹	ɲu ³¹	Ø	Ø	Ø

120.143 Ø:Ø:Ø:on:un:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
151 (“the fog”)	∅	∅	∅	sai ⁵⁵ von ²¹	sai ³⁵ vun ³¹	∅

120.144 Ø:Ø:aʔ:Ø:Ø:εʔ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
167 (“the goat”)	∅	∅	pa ^{ʔ31}	∅	∅	tʃhat ⁵⁵ pe ^{ʔ55}

120.145 Ø:Ø:ɔŋ:Ø:Ø:ɔ̃~

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
237 (“you [second person plural]”)	∅	∅	nɔŋ ⁵⁵ tu ³⁵	∅	∅	nɔ̃ ³¹ nauŋ ⁵⁵

120.146 Ø:Ø:Ø:-:ʔj:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
293 (“twenty”)	∅	∅	∅	i ⁵⁵	i ³⁵	∅

120.147 Ø:ek:a:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
340 (“to fight”)	∅	tek ⁵⁵ kɔ ³¹	ta ³⁵ kɔ ³⁵	∅	∅	∅

120.148 Ø:eʔ:εʔ:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
477 (“to play”)	∅	tse ^{ʔ55}	tse ^{ʔ55}	∅	∅	∅

120.149 Ø:ẓ:c:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
514 (“the thunder”)	∅	mau ³¹ ẓau ³¹	mau ³¹ cau ³¹	∅	∅	∅

120.150 Ø:jaŋ:jaŋ:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
528 (“he or she [third person singular]”)	Ø	ṇaŋ ³¹	jaŋ ³¹	Ø	Ø	Ø

120.151 Ø:Ø:p^h:[?]p:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
552 (“the frog”)	Ø	Ø	pha ³¹ cak ³⁵	pö ²¹ kjek ⁵⁵	Ø	Ø

120.152 Ø:tʂ^h:k^hz:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
560 (“the armpit”)	Ø	kä ³¹ liŋ ³⁵ tʂ ^h uaŋ ⁵⁵	lo ³¹ san ⁵⁵ k ^h zoŋ ⁵⁵	Ø	Ø	Ø

120.153 Ø:ua?:zo?:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
560 (“the armpit”)	Ø	kä ³¹ liŋ ³⁵ tʂ ^h uaŋ ⁵⁵	lo ³¹ san ⁵⁵ k ^h zoŋ ⁵⁵	Ø	Ø	Ø

120.154 Ø:Ø:Ø:[?]n:[?]ŋj:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
596 (“the mud”)	Ø	Ø	Ø	kə ⁵⁵ na ²¹	tsə ⁵⁵ ŋjaŋ ⁵⁵	Ø

120.155 Ø:Ø:Ø:a:ja?:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
596 (“the mud”)	Ø	Ø	Ø	kə ⁵⁵ na ²¹	tsə ⁵⁵ ŋjaŋ ⁵⁵	Ø

120.156 Ø:p^h:p^hz:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
652 (“the fly”)	Ø	p ^h ɔp ⁵⁵	phzup ⁵⁵	Ø	Ø	Ø

120.157 Ø:ɔp:zup:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
652 (“the fly”)	Ø	p ^h ɔp ⁵⁵	phzup ⁵⁵	Ø	Ø	Ø

120.158 Ø:Ø:Ø:e:a?:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
671 (“inhale (v.)”)	Ø	Ø	Ø	se ⁵¹	sai ^{ʔ55} tau ³⁵ ɸ ⁵⁵	Ø

120.159 Ø:jon:jon:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
692 (“the dust”)	Ø	ɲon ⁵⁵ pen ³¹	jɲon ⁵⁵	Ø	Ø	Ø

120.160 Ø:jen:jen:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
725 (“today”)	Ø	xai ⁵⁵ ɲen ³¹	fu ³¹ ɲen ³¹	Ø	Ø	Ø

120.161 Ø:jɔt:jɔt:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
846 (“soft”)	Ø	ɲɔt ⁵⁵	ɲɔt ³¹	Ø	Ø	Ø

120.162 Ø:k^h:k^hz:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
851 (“the rib”)	Ø	luk ³¹ khaŋ ³¹ tʃham ⁵¹	zau ³¹ khzaŋ ³¹	Ø	Ø	Ø

120.163 Ø:zaj:zaj:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2055 (“chat (v.)”)	Ø	kzai ⁵⁵ tsi ³¹	kzai ⁵⁵	Ø	Ø	Ø

120.164 Ø:Ø:Ø:op:ø?:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2078 (“cover (the mouth) (v.)”)	Ø	Ø	Ø	ŋop ⁵⁵	ŋøʔ ⁵⁵	Ø

120.165 Ø:Ø:Ø:eʔ:ak:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2092 (“damaged, be (house) / cave in (v.)”)	Ø	Ø	Ø	tʃeʔ ²¹	tʃak ³¹	Ø

120.166 Ø:jaŋ:ɛŋ:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2107 (“divide / share (things) (v.)”)	Ø	mianj ³⁵	meŋ ³⁵	Ø	Ø	Ø

120.167 Ø:zət:zət:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2177 (“gnaw / nibble (v.)”)	Ø	kzət ⁵⁵	kzət ⁵⁵	Ø	Ø	Ø

120.168 Ø:ts^h:tʃ^h:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2253 (“punish (v.)”)	Ø	tshək ⁵⁵	tʃhuuk ⁵⁵	Ø	Ø	Ø

120.169 Ø:Ø:Ø:t:Ø:²tʃ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2308 (“speak (v.)”)	Ø	Ø	Ø	tai ²¹ kjo ²¹	Ø	tʃau ³¹

120.170 Ø:aj:oj:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2333 (“sweet”)	Ø	uai ³¹	oi ³¹	Ø	Ø	Ø

120.171 Ø:Ø:Ø:Ø:²mj:²mj

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2343 (“tasty / delicious”)	Ø	Ø	Ø	Ø	mjaʔ ⁵⁵	mjaʔ ⁵⁵

120.172 Ø:Ø:Ø:jin:Ø:an

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2589 (“the gums”)	Ø	Ø	Ø	ɲjiŋ ²¹	Ø	ɲan ³¹

120.173 Ø:Ø:Ø:Ø:jen:jen

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2641 (“the leech”)	Ø	Ø	Ø	Ø	tɔŋ ³¹ pjen ³¹	tɔŋ ³¹ pjen ³¹

120.174 Ø:t:t^h:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2677 (“the navel”)	Ø	tɕhi ³¹ tɔt ⁵⁵	tʂhɔʔ ⁵⁵ thoŋ ³¹	Ø	Ø	Ø

120.175 Ø:ɔ:t:oŋ:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2677 (“the navel”)	Ø	tɕhi ³¹ tɔt ⁵⁵	tʂhɔʔ ⁵⁵ thoŋ ³¹	Ø	Ø	Ø

120.176 Ø:Ø:Ø:Ø:t:tʃ^h

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2813 (“the taste (something)”)	Ø	Ø	Ø	Ø	ta ³¹ vu ³⁵	tʃhaŋ ³¹

120.177 Ø:an:jan:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2854 (“the wall”)	Ø	tʂhaŋ ³¹	tʂhiaŋ ³¹	Ø	Ø	Ø

120.178 **Ø:Ø:Ø:ej:Ø:ej**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2868 (“the wheel”)	Ø	Ø	Ø	lej ⁵¹	Ø	lej ⁵⁵ khjik ³¹

120.179 **Ø:x:Ø:Ø:y:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2882 (“the willow”)	Ø	xai ⁷⁵⁵ tsej ⁵⁵	Ø	Ø	yai ⁵⁵ pē ⁵⁵ tu ³¹ kē ⁵⁵	Ø

120.180 **Ø:Ø:Ø:v:Ø:f**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2902 (“thirsty”)	Ø	Ø	Ø	vui ⁵¹ sit ⁵⁵	Ø	fai ⁵⁵

120.181 **Ø:ut:Ø:it:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2903 (“hungry”)	Ø	ʃut ⁵⁵	Ø	vui ⁵¹ sit ⁵⁵	Ø	Ø

120.182 **Ø:uaj:oj:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2906 (“tired”)	Ø	muai ³¹	moi ³¹	Ø	Ø	Ø

120.183 **Ø:ep:ip:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2971 (“to kick”)	Ø	thep ³⁵	thip ³⁵	Ø	Ø	Ø

120.184 **Ø:Ø:Ø:pj:p^hj:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2991 (“to pick”)	Ø	Ø	Ø	pjo ⁷⁵⁵	phja ⁷⁵⁵	Ø

120.185 Ø:tj:t:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3045 (“to split”)	Ø	tiak ³⁵	tæk ³⁵	Ø	Ø	Ø

120.186 Ø:lw:Ø:l:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3058 (“to swim”)	Ø	luai ⁵⁵ luai ⁵⁵	Ø	vui ⁵¹ li ²¹	Ø	Ø

120.187 Ø:uaʔ:ɔʔ:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3091 (“to weave (a basket)”)	Ø	zua ⁵⁵	zɔʔ ⁵⁵	Ø	Ø	Ø

120.188 Ø:Ø:Ø:ap:ap:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3096 (“to wink”)	Ø	Ø	Ø	lap ²¹	lap ³¹	Ø

120.189 Ø:pj:p:ʔp:Ø:ʔp

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
167 (“the goat”)	Ø	Ø	pa ²³¹	Ø	Ø	tʃhat ⁵⁵ pɛʔ ⁵⁵
813 (“the root”)	Ø	Ø	Ø	a ²¹ pun ⁵¹	Ø	pan ³¹
2704 (“the pine”)	Ø	piak ³¹ tseŋ ⁵⁵	tsɛ ³¹ pek ^{35a31} tʃsuŋ ⁵⁵	Ø	Ø	Ø

120.190 Ø:za:Ø:Ø:Ø:Ø

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3 (“all”)	Ø	pza ⁵⁵ pza ⁵⁵	Ø	Ø	Ø	Ø

120.191 Ø:Ø:Ø:Ø:Ø:ǎŋ

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
437 (“the buffalo”)	Ø	Ø	Ø	Ø	Ø	nũŋ ³⁵ nuk ⁵⁵

120.192 **Ø:Ø:tz;Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
694 (“damaged, be (house) / cave in (v.)”)	Ø	Ø	tzøj ³¹	Ø	Ø	Ø

120.193 **Ø:ən:Ø:Ø:Ø:Ø**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2716 (“the plow”)	Ø	thən ³⁵	Ø	Ø	Ø	Ø

Old Burmese “**၇**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	၇	၇	၇	၇	၇	၇	(12 exx.)
#2	၇	၇	၇	∅	၇	၇	(2 exx.)
#3	၇	၇j	၇j	၇j	၇	၇	(3 exx.)

121.1 **၇:၇:၇:၇:၇**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
91 (“five”)	ṇāḥ	၇၁ ³¹	၇၁ ³¹	၇၀ ²¹	၇၁ ³¹	၇၁ ⁵⁵
156 (“I [first person singular]”)	ṇā	၇၁ ⁵⁵	၇၁ ⁵⁵	၇၀ ⁵¹	၇၁ ⁵⁵	၇၁ ³¹
503 (“to cry (weep)”)	ṇuiv	၇၁ ⁵⁵	၇၁ ⁵⁵	၇၁ ⁵¹	၇၁ ⁵⁵	၇ုက ³¹
130 (“we [first person plural inclusive]”)	∅	၇၁ ⁵⁵ tu ³¹	၇၁ ⁵⁵ tu ³⁵	၇၁ ⁵⁵ mo ²⁵⁵	၇ṇ ⁵⁵ ma ²³¹	၇ṇ ³¹ na ^{၅5}
819 (“the forehead”)	∅	၇ṇ ³¹ tha ³⁵	∅	၇ḗ ²¹ la ²¹	၇ṇ ³¹ ṇ ³¹	၇၁ ³⁵ ṇ ³¹
2212 (“lower (the head (v.))”)	၇uṇi ¹	∅	၇um ³⁵	၇om ⁵⁵	∅	∅
278 (“the fish”)	ṇāḥ ³	၇၁ ³¹ ṇ ³¹	∅	∅	∅	∅
523 (“the banana”)	∅	∅	∅	၇၀ ²⁵⁵ mju ²¹	၇၁ ³¹ mju ²³¹	၇၁ ³¹ mju ³¹
614 (“salty”)	ṇan	∅	∅	∅	၇ḗ ⁵⁵	∅
63 (“the husband”)	∅	၇i ³¹ ၇၁ ⁵⁵	la ²³¹ ၇၁ ⁵⁵	∅	∅	∅
2899 (“thirsty”)	riy ² ṇat ⁴	∅	∅	∅	∅	∅
2983 (“to love”)	∅	∅	∅	∅	၇၀ ⁵⁵	၇၁i ³¹

121.2 **၇:၇:၇:∅:၇:၇**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2763 (“the silver”)	ṇuy ²	၇ui ⁵⁵	၇ui ⁵⁵	∅	၇၀ ⁵⁵	၇၁i ³¹
2917 (“to breathe”)	a ¹ ṇuy ¹	∅	∅	∅	∅	∅

121.3 **၇:၇j:၇j:၇j:၇:၇**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
303 (“small”)	ṇay	၇i ⁵⁵	၇ḗ ⁵¹	∅	a ³¹ sak ³¹ ၇ai ⁵⁵	၇ai ³¹
2895 (“thin (object)”)	∅	၇i ⁵⁵	၇ḗ ⁵¹	∅	၇ai ⁵⁵	၇ai ⁵⁵
2589 (“the gums”)	∅	∅	∅	၇ji ²¹	∅	၇an ³¹

Old Burmese “**၇**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	၇	၇	၇	၇	၇	၇	(5 exx.)
#2	၇	∅	∅	∅	∅	∅	(1 ex.)

122.1 **၇:၇:၇:၇:၇:၇**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
444 (“green”)	၇uiv	၇au ⁵⁵	၇au ⁵⁵	၇ju ⁵¹	၇ju ⁵⁵	၇juk ³¹
661 (“right”)	၇ā	∅	∅	∅	∅	∅
780 (“dirty”)	၇acpat	∅	∅	∅	∅	∅
123 (“to burn [intransitive]”)	၇i	၇e ³⁵	∅	၇je ⁵⁵	∅	∅
14 (“straight”)	∅	∅	∅	၇ja ⁵¹	∅	၇i ⁵⁵

122.2 **၇:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2905 (“tired”)	၇o ₂ ၇h ³	∅	∅	∅	∅	∅

Old Burmese “**၇**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	၇	ṃ	၇	ṃ	ṃ	ṃ	(2 exx.)

123.1 **၇:ṃ:၇:ṃ:၇:ṃ:၇**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
80 (“the bird”)	ṇhak ⁴ suik ⁴	ṃṃṃ ⁵⁵ sut ⁵⁵	၇ṃṃ ⁵⁵ sut ⁵⁵	ṃṃṃ ⁵⁵ sut ⁵⁵	ṃṃṃ ⁵⁵ sut ⁵⁵	ṃṃṃ ⁵⁵ sut ⁵⁵
2036 (“borrow (money) (v.)”)	ṇhah ³	ṃṃ ³¹	၇ṃ ³¹	∅	∅	∅

Old Burmese “**ṅj**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ṅj	∅	∅	∅	∅	∅	(1 ex.)
#2	ṅj	∅	∅	∅	∅	∅	(1 ex.)

124.1 **ṅj:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
356 (“to blow (of wind)”) nhap⁴ṅhac⁴		∅	∅	∅	∅	∅

124.2 **ṅj:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3114 (“twist (a towel) (v.)”) ṅhac⁴		∅	∅	∅	∅	∅

Old Burmese “၌”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	၌	∅	∅	∅	∅	∅	(1 ex.)

125.1 **၌:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2004 (“angry”)	သ၌ ³ ပဝ ¹	∅	∅	∅	∅	∅

Old Burmese “ək”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ək	∅	∅	∅	∅	∅	(2 exx.)

126.1 ək:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
247 (“to bite”)	kuik	∅	∅	∅	∅	∅
420 (“the belly”)	puik	∅	∅	∅	∅	∅

Old Burmese “**ən**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ən	un	ɔn	un	ɔn	ɔn	(3 exx.)

127.1 **ən:un:ɔn:un:ɔn:ɔn**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2561 (“the garlic”)	krak ⁴ suin ² phru ²	kä ³¹ sun ³⁵	sɔn ³⁵	∅	sɔn ³⁵	sɔn ³⁵
457 (“to play”)	∅	∅	∅	ɲji ⁵¹ kun ⁵⁵	khɔ̃ ³⁵ kɔn ³¹	∅
3017 (“to send (a letter)”)	∅	∅	∅	xun ⁵¹	fɔn ⁵⁵	∅

Old Burmese “ət”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ət	∅	∅	∅	∅	∅	(2 exx.)

128.1 ət:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2748 (“the scar”)	a ¹ mā ² ruit ⁴	∅	∅	∅	∅	∅
2992 (“to pick”)	chuit ⁴	∅	∅	∅	∅	∅

Old Burmese “əw”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	əw	au	au	au	au	uk	(29 exx.)
#2	əw	au	au	au	i	uk	(1 ex.)
#3	əw	jau	au	au	au	uk	(1 ex.)
#4	əw	au	aw	aw	aw	uk	(1 ex.)
#5	əw	au	au	uj	u	uk	(5 exx.)
#6	əw	e	ε	∅	ǰj	∅	(3 exx.)
#7	əw	ək	oʔ	∅	∅	∅	(2 exx.)

129.1 əw:au:au:au:au:uk

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
279 (“old (aged)”)	uiv ²	∅	∅	∅	∅	∅
304 (“bad”)	chuiṽḥ	∅	∅	∅	∅	∅
378 (“short”)	tuiv	∅	∅	∅	∅	∅
408 (“to sing”)	chuiṽ	∅	∅	∅	∅	∅
577 (“the mushroom”)	mhuiv ²	∅	∅	∅	∅	∅
2262 (“rely / lean on (v.)”)	a ³ kuiv ³	∅	∅	∅	∅	∅
2326 (“suck (v.)”)	cuiv ¹	∅	∅	∅	∅	∅
2340 (“tasty / delicious”)	cāḥ ³ luiv ¹ ko ₂ n ³ sañ ²	∅	∅	∅	∅	∅
2381 (“the bat”)	lan ³ nuiṽ ¹	∅	∅	∅	∅	∅
2735 (“the willow”)	muiṽḥ ³ ma ¹ kha ¹	∅	∅	∅	∅	∅
2913 (“to belch”)	kruiṽ ¹ thuiṽḥ ³	∅	∅	∅	∅	∅
3124 (“wake up (v.)”)	nuiṽḥ ³	∅	∅	∅	∅	∅
269 (“cloudy, be (sky) / overcast (v.)”)	muiṽḥ ³	mau ³¹ zau ³¹	mau ³¹ cau ³¹	mau ²¹ mjiṽ ⁵¹	mau ³¹ mjaṽ ⁵⁵	muk ⁵⁵ kum ³¹
380 (“to steal”)	khuiṽḥ	xau ³¹	xau ³¹	khau ²¹	khau ³¹	khuk ⁵⁵
417 (“nine”)	kuivḥ	kau ³¹	kau ³¹	kau ²¹	kau ³¹	kuk ³¹
503 (“to cry (weep)”)	ṽuiv	ṽau ⁵⁵	ṽau ⁵⁵	ṽau ⁵¹	ṽau ⁵⁵	ṽuk ³¹
2614 (“the insect”)	puiv ³	pau ³¹	pau ³¹	pau ²¹	pau ³¹	puk ⁵⁵
63 (“the husband”)	∅	ṽi ³¹ ṽau ⁵⁵	laṽ ³¹ ṽau ⁵⁵	∅	∅	∅
132 (“to hide (conceal)”)	∅	sau ⁵⁵	sau ⁵⁵	∅	∅	∅
254 (“twenty”)	∅	tā ³¹ sau ⁵⁵	ta ³¹ sau ⁵⁵	∅	∅	∅
514 (“the thunder”)	∅	mau ³¹ zau ³¹	mau ³¹ cau ³¹	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
638 (“inside”)	∅	a ³¹ xau ⁵⁵	a ³¹ xau ⁵⁵	a ²¹ k ^h au ⁵¹	a ³¹ k ^h au ⁵⁵	a ³¹ k ^h uk ³¹
122 (“the breast (female)”)	nuiv [?]	∅	∅	∅	nau ³⁵	nuk ⁵⁵
446 (“the thigh”)	∅	∅	lam ⁵⁵ pau ⁵³	taŋ ²¹ pau ⁵⁵	tɕ ³⁵ pau ³¹	tɕ ⁵⁵ puk ⁵⁵
2674 (“the mushroom”)	∅	mau ⁵⁵	∅	mau ⁵¹ u ⁵¹	mau ⁵⁵	muk ³¹
226 (“the dust”)	∅	∅	∅	phui ²¹ lau ⁵¹	phə ³¹ lau ⁵⁵	phɔ̃ ³⁵ luk ³¹
581 (“the sheep”)	sui ^v h ³	∅	∅	sau ²¹ mji ⁵⁵	∅	∅
2067 (“cloudy, be (sky) / overcast (v.)”)	∅	mau ³¹ tɕau ³⁵	mau ³¹ tau ³¹	mau ²¹ tsau ⁵⁵	∅	∅
77 (“the belly”)	∅	∅	∅	∅	ve ³¹ tau ³¹	ve ³⁵ tuk ³¹

129.2 əw:au:au:au:i:uk

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
343 (“the smoke”)	khui ^v h ³	ni ³¹ xau ³¹	ŋi ³¹ xau ³¹	mji ²¹ khau ²¹	tʃhi ³⁵	mji ²¹ khuk ⁵⁵

129.3 əw:jau:au:au:au:uk

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2660 (“the milk”)	no ¹ ³ nuiv ¹	ŋo ³¹ n ^h au ³⁵	no ³¹ nau ³¹	nō ²¹ nau ⁵⁵	nō ³¹ nau ³⁵	nū ³⁵ nuk ⁵⁵

129.4 əw:au:aw:aw:aw:uk

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2938 (“to cough”)	khyo ² nh ³	khzɔŋ ³¹	khzɔŋ ³¹	khjuŋ ²¹	khjauŋ ³⁵	khjauŋ ³⁵
	chui ^v h ³	tɕhau ³¹	tɕhau ³¹	tsau ²¹	tau ³¹ tau ³¹	tsuk ⁵⁵

129.5 əw:au:au:uj:u:uk

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2200 (“leak (v.)”)	yuiv ²	zau ⁵⁵	jau ³¹	jui ⁵¹	ju ⁵⁵	juk ³¹
111 (“to flow”)	∅	∅	∅	jui ⁵¹	ju ⁵⁵	juk ³¹
2103 (“difficult”)	∅	∅	∅	vui ²¹	yu ³¹	yuk ⁵⁵
2874 (“the widow”)	∅	∅	∅	tʃhui ²¹ mo ⁵⁵	tʃhu ³⁵ ma ³¹	tʃhuk ⁵⁵ mo ⁵⁵
110 (“the bone”)	rui ^v h ³	∅	∅	∅	mi ³⁵ ʃä ³⁵ u ³¹	ʃö ³⁵ yuk ⁵⁵

129.6 əw:e:ə:ə:ə:ə:uk

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
61 (“that”)	thuiv	the⁵⁵	the⁵⁵	∅	∅	thø³¹
66 (“there”)	∅	the⁵⁵thoʔ⁵⁵	the⁵⁵thoʔ⁵⁵	∅	thōi⁵⁵mē⁵⁵	thø⁵⁵mē³¹
2783 (“the spirit (evil) / demon”)	chuivh³ chiy³	∅	sau³⁵ce³¹	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
64 (“wet”)	cuiv	∅	coʔ⁵⁵	∅	∅	∅
670 (“outside”)	∅	a³¹nɔk⁵⁵	a³¹noʔ⁵⁵	∅	∅	∅

Old Burmese “əwk”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	əwk	∅	∅	∅	∅	∅	(1 ex.)

130.1 əwk:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
795 (“the bird nest”)	ṅhak ⁴ suik ⁴	∅	∅	∅	∅	∅

Old Burmese “əwn”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	əwn	∅	∅	∅	∅	∅	(1 ex.)

131.1 əwn:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
621 (“crow (of cocks) (v.)”)	tuin ²	∅	∅	∅	∅	∅

Old Burmese “**əwŋ**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	əwŋ	∅	∅	∅	∅	∅	(1 ex.)

132.1 **əwŋ:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
580 (“round”)	wuiŋ³	∅	∅	∅	∅	∅

Old Burmese “**၁၇**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	၁၇	∅	∅	∅	∅	∅	(2 exx.)

133.1 **၁၇:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
163 (“the pit (stone of fruit)”) u²tuiñ²		∅	∅	∅	∅	∅
3066 (“to tell”) tuiñ²		∅	∅	∅	∅	∅

Old Burmese “**u**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	u	∅	∅	∅	∅	∅	(4 exx.)

134.1 **u:∅:∅:∅:∅:∅**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
496 (“prize / pry (v.)”)	ko ₂ ²	∅	∅	∅	∅	∅
2047 (“called, be / named (v.)”)	kho ₂ ²	∅	∅	∅	∅	∅
3028 (“to shout”)	o ₂ ²	∅	∅	∅	∅	∅
3119 (“understand (v.)”)	sa ¹ bo ₂ ³ po ₂ k ⁴	∅	∅	∅	∅	∅

Old Burmese “**uk**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ok	u	uʔ	uʔ	auʔ	auk	(1 ex.)
#2	ok	i	uʔ	uʔ	auʔ	auk	(16 exx.)
#3	ok	ɿ	ɛ	o	ɔ	ɔ	(2 exx.)

135.1 **ok:u:u?:u?:au?:auk**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2652 (“use or lean on (a walking stic (v.))”)	tho ₂ k ⁴	thu ⁵⁵ zaj ³¹	thuʔ ⁵⁵	thuʔ ⁵⁵	thauʔ ⁵⁵	thauk ⁵⁵

135.2 **ok:i:u?:u?:au?:auk**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
594 (“late”)	no ₂ kkya	∅	∅	∅	∅	∅
620 (“the foot”)	khriy ² tho ₂ k ⁴	∅	∅	∅	∅	∅
794 (“the brains”)	û ³ nho ₂ k ⁴	∅	∅	∅	∅	∅
2453 (“the cave”)	sa ¹ bo ₂ ³ po ₂ k ⁴	∅	∅	∅	∅	∅
2861 (“the west”)	a ¹ no ₂ k ⁴	∅	∅	∅	∅	∅
2947 (“to ferment”)	a ¹ khyan ²	∅	∅	∅	∅	∅
185 (“the man (male human)”) 483 (“the lip (the lips)”) 2388 (“the bean”) 2604 (“the hat”) 2800 (“the stone”) 3108 (“turn over (on bed) (v.)”) 207 (“to drink”) 22 (“to vomit”) 197 (“the knee”) 850 (“the son”)	pho ₂ k ⁴ yo ₂ k ⁴ kyāḥ ³	i ³¹ tci ⁵⁵	juʔ ³¹ ce ⁵⁵	juʔ ²¹ ke ⁵¹	khak ⁵⁵ jauʔ ³¹	khə ³¹ jauk ³¹
	∅	∅	∅	ʃo ²¹ kuʔ ⁵⁵	ʃä ³⁵ kauʔ ⁵⁵	nat ⁵⁵ kauk ⁵⁵
	∅	∅	∅	mji ⁵¹ nuʔ ²¹	məi ⁵⁵ nauʔ ³¹	mjik ³¹ nauk ³¹
	∅	∅	∅	muʔ ²¹ kjup ⁵⁵	mauʔ ³¹	mauk ³¹
	∅	∅	luʔ ⁵⁵ koʔ ⁵⁵	luʔ ²¹ kok ²¹	kjap ⁵⁵	kjap ⁵⁵
	∅	∅	phuʔ ⁵⁵	kuŋ ⁵¹ phuʔ ⁵⁵	lauʔ ³¹ taŋ ³¹	lauk ³¹ tsaŋ ³¹
	so ₂ k ⁴	∅	ʃuʔ ⁵⁵	∅	phauʔ ⁵⁵	kaun ³¹
	∅	∅	∅	∅	∅	phauk ⁵⁵
	∅	∅	∅	∅	ʃauʔ ⁵⁵	ʃauk ⁵⁵
	∅	∅	∅	∅	tauʔ ³¹	tauk ³¹
	∅	∅	∅	∅	pət ⁵⁵ lauʔ ⁵⁵	pat ⁵⁵ lauk ³¹
	∅	∅	juʔ ³¹ ce ⁵⁵ tsɔ ³¹	juʔ ²¹ ke ⁵¹ tso ²¹	∅	∅

135.3 **ok:ɣ:ɛ:o:ɔ:ɔ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
800 (“correct (right)”)	∅	tsɿ ⁵⁵	juɽ ³¹ ce ⁵⁵ tsɔ ³¹	tʃo ²¹	tʃɔ ³¹	tʃɔ ³¹
643 (“below, under”)	o ₂ k	∅	∅	o ⁵¹ mai ²¹	∅	ɔ ³¹ mɛ ³¹

Old Burmese “**ဟ**”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	ဟ	ဟ	ဟ	ဟ	ဟ	ဟ	(15 exx.)
#2	ဟ	ဟ	ဟ	ဟ	ဟ	ဟ	(2 exx.)
#3	ဟ	ဟ	ဟ	ဟ	ဟ	ဟ	(6 exx.)
#4	ဟ	ဟ	ဟ	ဟ	ဟ	ဟ	(3 exx.)
#5	ဟ	ဟ	ဟ	ဟ	ဟ	ဟ	(1 ex.)

136.1 **ဟ:ဟ:ဟ:ဟ:ဟ:ဟ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
296 (“to burn”)	lo ₂ ṅ	∅	∅	∅	∅	∅
357 (“good”)	cāḥ ³ luiv ¹ ko ₂ ṅ ³ sañ ²	∅	∅	∅	∅	∅
592 (“dark”)	mho ₂ ṅ	∅	∅	∅	∅	∅
619 (“the thigh”)	po ₂ ṅ	∅	∅	∅	∅	∅
815 (“the elbow”)	tam ² to ₂ ṅ ²	∅	∅	∅	∅	∅
2475 (“the color”)	a ¹ ro ₂ ṅ ²	∅	∅	∅	∅	∅
2486 (“the corpse”)	lo ₂ ṅḥ ³	∅	∅	∅	∅	∅
2981 (“to listen”)	na ³ tho ₂ ṅ ²	∅	∅	∅	∅	∅
3079 (“to wait”)	co ₂ ṅ ¹	∅	∅	∅	∅	∅
203 (“the lip (the lips)”)	to ₂ ṅpaṁ	a ³¹ tuṅ ⁵⁵	a ³¹ tuṅ ⁵⁵	tuṅ ⁵¹	tauṅ ⁵⁵	tauṅ ³¹
833 (“the roof”)	im ² kho ₂ ṅ ² muivḥ ³	∅	fuṅ ⁵⁵ luṅ ³¹	mau ²¹ khuy ⁵¹	mau ³¹ khauy ⁵⁵	jam ³¹ khauy ³¹
3016 (“to sell”)	∅	uy ³¹	uy ³¹	uy ²¹	auṅ ³⁵	auṅ ³⁵
2548 (“the fly”)	∅	∅	∅	jaṅ ⁵¹ khuy ²¹	jṅ ⁵⁵ khauṅ ³¹	jṅ ³¹ khauṅ ³⁵
2839 (“the valley”)	∅	∅	∅	vui ⁵¹ khuy ²¹	lṅ ³¹ khauṅ ³⁵	lṅ ³⁵ khauṅ ²¹
311 (“turn over (on bed) (v.)”)	∅	∅	∅	kuṅ ⁵¹ phu [?] ⁵⁵	∅	kauy ³¹ phauk ⁵⁵

136.2 **ဟ:ဟ:ဟ:ဟ:ဟ**

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
159 (“you [second person plural]”)	∅	nuay ⁵⁵ tu [?] ³¹	∅	nuṅ ⁵⁵ mo [?] ⁵⁵	nauy ³¹ ma [?] ³¹	nṅ ³¹ nauy ⁵⁵
282 (“the head”)	kho ₂ ṅḥ ³	ni ³¹ kuay ³¹	u ³¹ kəṅ ³¹	∅	∅	∅

136.3 ဟ့:ေ့:un:un:ဘ:an

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2789 (“the square or squared”)	liy ³ tho ₂ n̄ ¹	tseŋ ³¹	∅	mji ²¹ tʃun ⁵¹ tap ²¹	tʃon ⁵⁵	∅
488 (“lower (the head) (v.)”)	∅	∅	∅	∅	ŋɔn ³⁵	ŋan ³⁵
2968 (“to itch”)	∅	∅	∅	∅	phɔn ³⁵	phan ³⁵
499 (“shake / quake (v.)”)	∅	∅	nun ³⁵	nun ⁵⁵ tui ⁵¹	∅	nan ⁵⁵
2356 (“the elbow”)	lak ⁴ mo ₂ ŋ ³	∅	∅	loʔ ²¹ mun ⁵⁵ thuŋ ⁵⁵	∅	∅
813 (“the root”)	∅	∅	∅	tshum ⁵¹ a ²¹ pun ⁵¹	∅	pan ³¹

136.4 ဟ့:ဘ့:∅:တ့:ဘ့:ဘ့

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
229 (“the lake”)	∅	nɔŋ ³⁵	∅	noŋ ⁵⁵	nɔŋ ⁵⁵	nɔŋ ⁵⁵
2889 (“the winter”)	cho ₂ n̄h̄ ³	tɕhɔŋ ³¹	∅	∅	∅	∅
2640 (“the leech”)	∅	∅	∅	∅	tɔŋ ³¹ pjen ³¹	tɔŋ ³¹ pjen ³¹

136.5 ဟ့:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
273 (“to hold”)	ko ₂ n̄	∅	∅	∅	∅	∅

Old Burmese “4”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	4	55	55	55	55	55	(133 exx.)
#2	4	55	55	21	31	31	(63 exx.)
#3	4	31	31	21	31	31	(1 ex.)
#4	4	53	55	55	55	55	(1 ex.)
#5	4	55	55	21	55	55	(2 exx.)
#6	4	55	55	21	55	31	(9 exx.)
#7	4	31	55	21	31	31	(2 exx.)
#8	4	31	55	55	55	31	(12 exx.)
#9	4	31	35	55	31	31	(5 exx.)
#10	4	35	55	51	55	31	(3 exx.)
#11	4	55	31	55	35	31	(3 exx.)

137.1 4.55.55.55.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
34 (“to fight”)	ran ² phrac ⁴	∅	∅	∅	∅	∅
188 (“the stick”)	tut ⁴	∅	∅	∅	∅	∅
247 (“to bite”)	kuik	∅	∅	∅	∅	∅
268 (“the ant”)	puro ₁ kchip	∅	∅	∅	∅	∅
277 (“the mouth”)	pāḥcap	∅	∅	∅	∅	∅
298 (“the river”)	mlac ⁴	∅	∅	∅	∅	∅
348 (“to hunt”)	a ¹ mai ³ lok ⁴	∅	∅	∅	∅	∅
355 (“to blow (of wind)”)	nhap ⁴ ñhac ⁴	∅	∅	∅	∅	∅
356 (“to blow (of wind)”)	nhap ⁴ ñhac ⁴	∅	∅	∅	∅	∅
363 (“paste / stick / glue (v.)”)	kap ⁴	∅	∅	∅	∅	∅
391 (“to hide (conceal)”)	pho ₁ k ⁴	∅	∅	∅	∅	∅
398 (“the hat”)	û ³ thup ⁴	∅	∅	∅	∅	∅
405 (“one”)	tac ⁴ chiy ²	∅	∅	∅	∅	∅
411 (“to scratch”)	a ¹ yāḥ ³ phyo ₂ k ⁴	∅	∅	∅	∅	∅
415 (“two”)	nhac	∅	∅	∅	∅	∅
419 (“the grass”)	mrak	∅	∅	∅	∅	∅
420 (“the belly”)	puik	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
456 (“cover (the mouth) (v.)”)	up ⁴	∅	∅	∅	∅	∅
586 (“the rainbow”)	sak ⁴ tam ²	∅	∅	∅	∅	∅
594 (“late”)	no ₂ kkyā	∅	∅	∅	∅	∅
620 (“the foot”)	khriy ² tho ₂ k ⁴	∅	∅	∅	∅	∅
731 (“fetch / draw (water) (v.)”)	riy ² khap ⁴	∅	∅	∅	∅	∅
735 (“punish (v.)”)	daṅtap ⁴	∅	∅	∅	∅	∅
780 (“dirty”)	ñacpat	∅	∅	∅	∅	∅
781 (“dirty”)	ñacpat	∅	∅	∅	∅	∅
794 (“the brains”)	û ³ nho ₂ k ⁴	∅	∅	∅	∅	∅
795 (“the bird nest”)	ṅhak ⁴ suik ⁴	∅	∅	∅	∅	∅
830 (“the millet”)	chat ⁴	∅	∅	∅	∅	∅
839 (“the navel”)	khyat ⁴	∅	∅	∅	∅	∅
857 (“the snail”)	kha ¹ ru ¹ pak ⁴ kyi ¹	∅	∅	∅	∅	∅
2087 (“cut (meat) (v.)”)	lhi ³ phyat ⁴	∅	∅	∅	∅	∅
2089 (“damaged, be (house) / cave in (v.)”)	pyak ⁴	∅	∅	∅	∅	∅
2102 (“difficult”)	khak ⁴	∅	∅	∅	∅	∅
2110 (“do / make (v.)”)	lup ⁴	∅	∅	∅	∅	∅
2162 (“fight / vie for (v.)”)	yak ⁴	∅	∅	∅	∅	∅
2178 (“gnaw / nibble (v.)”)	kok ⁴	∅	∅	∅	∅	∅
2223 (“marry (v.)”)	lak ⁴ thap ⁴	∅	∅	∅	∅	∅
2292 (“sheet (classifier for paper)”)	rok ⁴	∅	∅	∅	∅	∅
2313 (“spicy”)	cap ⁴	∅	∅	∅	∅	∅
2394 (“the beard”)	mut ⁴ chit ⁴	∅	∅	∅	∅	∅
2396 (“the beard”)	mut ⁴ chit ⁴	∅	∅	∅	∅	∅
2428 (“the brick”)	ut ⁴ khai ³	∅	∅	∅	∅	∅
2444 (“the butterfly”)	lip ⁴ prā ²	∅	∅	∅	∅	∅
2453 (“the cave”)	sa ¹ bo ₂ ³ po ₂ k ⁴	∅	∅	∅	∅	∅
2557 (“the friend”)	mit ⁴ chuy ²	∅	∅	∅	∅	∅
2598 (“the half”)	ta ¹ vak ⁴	∅	∅	∅	∅	∅
2621 (“the kidney”)	kyo ₂ k ⁴ kap ⁴	∅	∅	∅	∅	∅
2631 (“the ladle”)	yo ₂ k ⁴ ma ¹	∅	∅	∅	∅	∅
2685 (“the north”)	mro ₂ k ⁴	∅	∅	∅	∅	∅
2717 (“the poison”)	a ¹ chip ⁴	∅	∅	∅	∅	∅
2748 (“the scar”)	a ¹ mā ² ruit ⁴	∅	∅	∅	∅	∅
2755 (“the shadow”)	a ¹ rip ⁴	∅	∅	∅	∅	∅
2760 (“the shoe”)	phi ¹ nap ⁴	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2784 (“the spirit (evil) / demon”)	nat ⁴ chui ^v h ³	∅	∅	∅	∅	∅
2861 (“the west”)	a ¹ no ₂ k ⁴	∅	∅	∅	∅	∅
2899 (“thirsty”)	riy ² nat ⁴	∅	∅	∅	∅	∅
2921 (“to buckle up / fasten (a belt)”)	pat ⁴	∅	∅	∅	∅	∅
2947 (“to ferment”)	a ¹ khyan ²	∅	∅	∅	∅	∅
2974 (“to land / descend”)	pho ₂ k ⁴ chan ^h h ³ sak ⁴	∅	∅	∅	∅	∅
2984 (“to love”)	khyat ⁴	∅	∅	∅	∅	∅
2992 (“to pick”)	chuit ⁴	∅	∅	∅	∅	∅
2996 (“to read”)	phat ⁴	∅	∅	∅	∅	∅
3000 (“to remember”)	mhat ⁴ mi ¹	∅	∅	∅	∅	∅
3036 (“to sink”)	nac ⁴	∅	∅	∅	∅	∅
3097 (“to wink”)	mhut ⁴	∅	∅	∅	∅	∅
3114 (“twist (a towel) (v.)”)	nhac ⁴	∅	∅	∅	∅	∅
26 (“the leaf”)	aro ₁ k	a ³¹ xzo [?] 55	a ³¹ xzo [?] 55	a ²¹ xa [?] 55	sak ⁵⁵ fa [?] 55	fo [?] 55
80 (“the bird”)	nhak ⁴ suik ⁴	no [?] 55sut ⁵⁵	no [?] 55sut ⁵⁵	no [?] 55sut ⁵⁵	no [?] 55sut ⁵⁵	no [?] 55sut ⁵⁵
120 (“the branch”)	sac	sək ⁵⁵	suk ⁵⁵ təu ⁵⁵	sik ⁵⁵ tum ⁵⁵	sak ⁵⁵ tam ³⁵	sak ⁵⁵ thau ⁵⁵ 35
205 (“to wipe”)	sut	sut ⁵⁵	sut ⁵⁵	sut ⁵⁵	sot ⁵⁵	sat ⁵⁵
249 (“eight”)	rhyat	cet ⁵⁵	çet ⁵⁵	fit ⁵⁵	ʃe [?] 55	ʃe [?] 55
325 (“new”)	sac	sək ⁵⁵	suk ⁵⁵	a ²¹ sik ⁵⁵	sak ⁵⁵	sak ⁵⁵
336 (“seven”)	khunac	nit ⁵⁵	nit ⁵⁵	ɲjit ⁵⁵	no [?] 55	nat ⁵⁵
403 (“six”)	khro ₂ k	xzo [?] 55	chu [?] 55	khju [?] 55	khjau [?] 55	khjau [?] 55
520 (“shy”)	rhak	no [?] 31so [?] 55	no [?] 55so [?] 55	xo [?] 55	xa [?] 55	xo [?] 55
551 (“the beard”)	nhut ⁴	no [?] 55	no [?] 55	no [?] 55	no [?] 55	no [?] 55
2072 (“compensate (v.)”)	pran ² chap ⁴	tchap ⁵⁵	chap ⁵⁵	tshap ⁵⁵	tʃhe [?] 55	tshe [?] 55
2279 (“sew (up) (v.)”)	ap ⁴ khyup ⁴	xzop ⁵⁵	chup ⁵⁵	khjup ⁵⁵	khjap ⁵⁵	khjap ⁵⁵
2652 (“use or lean on (a walking stick (v.)”)	tho ₂ k ⁴	thu ⁵⁵ zəŋ ³¹	thu [?] 55	thu [?] 55	thau [?] 55	thau [?] 55
2771 (“the snout”)	nhap ⁴	nap ⁵⁵	nap ⁵⁵	nap ⁵⁵	ne [?] 55	ne [?] 55
100 (“the needle (for sewing)”)	∅	∅	∅	∅	ne [?] 55	ne [?] 55
119 (“to throw”)	∅	∅	∅	∅	pje [?] 55	pje [?] 55
168 (“what”)	∅	∅	∅	∅	pe ⁵⁵ tʃuŋ ³¹	pe ⁵⁵
231 (“the ear”)	∅	∅	∅	∅	nə ³¹ khj ⁵⁵	nə ³¹ khje [?] 55
665 (“the stick”)	∅	∅	∅	∅	və ⁵⁵ se ³¹	və ⁵⁵ se ³⁵
672 (“the armpit”)	∅	∅	∅	∅	la [?] 31tʃhe [?] 55	lo [?] 31tʃhe [?] 55
734 (“fight / vie for (v.)”)	∅	∅	∅	∅	lot ⁵⁵ lam ³⁵	lat ⁵⁵
2240 (“piece (of egg)”)	∅	∅	∅	∅	tʃhe [?] 55	tʃhe [?] 55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2343 (“tasty / delicious”)	∅	∅	∅	∅	mjaʔ ⁵⁵	mjɔʔ ⁵⁵
2380 (“the bat”)	∅	∅	∅	∅	phaʔ ⁵⁵ xəi ³¹	phɔʔ ⁵⁵ xək ⁵⁵
2534 (“the eyebrow”)	∅	∅	∅	∅	mjaʔ ³¹ mauŋ ⁵⁵	mjɔʔ ³¹ mauŋ ⁵⁵
2988 (“to pee”)	∅	∅	∅	∅	tak ⁵⁵	tak ⁵⁵
3093 (“to weave (a basket)”)	∅	∅	∅	∅	kɔt ⁵⁵	kat ⁵⁵
153 (“to count”)	∅	∅	∅	ŋap ⁵⁵	ŋɛʔ ⁵⁵	ŋɛʔ ⁵⁵
429 (“angry”)	∅	∅	∅	nik ⁵⁵ noʔ ²¹	nak ⁵⁵ lam ³¹	nak ⁵⁵ lam ³⁵
483 (“the lip (the lips)”)	∅	∅	∅	ʃɔ ²¹ kuʔ ⁵⁵	ʃä ³⁵ kauʔ ⁵⁵	nat ⁵⁵ kauk ⁵⁵
673 (“wet”)	∅	∅	∅	teʔ ⁵⁵	tʃɔʔ ⁵⁵	tfuk ⁵⁵
764 (“narrow”)	∅	∅	∅	tʃap ⁵⁵	tʃɛʔ ⁵⁵	tʃɛʔ ⁵⁵
2312 (“spicy”)	∅	∅	∅	phjik ⁵⁵	phjak ⁵⁵	phjak ⁵⁵
2515 (“the duck”)	∅	∅	∅	pjet ⁵⁵	pjet ⁵⁵	pjet ⁵⁵
2603 (“the hat”)	∅	∅	∅	muʔ ²¹ kjup ⁵⁵	mauʔ ³¹ kjap ⁵⁵	mauk ³¹ kjap ⁵⁵
2970 (“to kick”)	∅	∅	∅	pik ⁵⁵	pak ⁵⁵	pak ⁵⁵
2995 (“to read”)	∅	∅	∅	ŋap ⁵⁵	ŋɛʔ ⁵⁵	ŋɛʔ ⁵⁵
2291 (“sheet (classifier for paper)”)	∅	∅	tʃap ⁵⁵	khjap ⁵⁵	khjɛʔ ⁵⁵	khjɛʔ ⁵⁵
2661 (“the millet”)	∅	∅	sap ⁵⁵	tsap ⁵⁵	tʃɛʔ ⁵⁵	tʃɛʔ ⁵⁵
2915 (“to breathe”)	∅	∅	sɔʔ ⁵⁵	soʔ ⁵⁵	saʔ ⁵⁵	soʔ ⁵⁵
3108 (“turn over (on bed) (v.)”)	∅	∅	phuʔ ⁵⁵	kuŋ ⁵¹ phuʔ ⁵⁵	phauʔ ⁵⁵	kaun ³¹ phauk ⁵⁵
117 (“the branch”)	akhak ⁴	∅	ʃuk ⁵⁵ xɔʔ ⁵⁵	∅	sak ⁵⁵ kaʔ ⁵⁵	sak ⁵⁵ kɔʔ ⁵⁵
207 (“to drink”)	so ₂ k ⁴	∅	ʃuʔ ⁵⁵	∅	fauʔ ⁵⁵	fauk ⁵⁵
2410 (“the bird nest”)	∅	ɲɔʔ ⁵⁵ sut ⁵⁵	ŋɔʔ ⁵⁵ sut ⁵⁵	ŋɔʔ ⁵⁵ sut ⁵⁵	ŋaʔ ⁵⁵ sɔt ⁵⁵	ŋɔʔ ⁵⁵ sat ⁵⁵
2518 (“the east”)	∅	pui ⁵⁵ thoʔ ⁵⁵ pa ³¹	n ⁵⁵ mo ⁵¹ thoʔ ⁵⁵ pa ³¹	pui ⁵¹ thoʔ ⁵⁵ ʃut ⁵⁵	pui ⁵⁵ thoʔ ⁵⁵	pa ³¹ thuk ⁵⁵ ʃat ⁵⁵
323 (“sharp”)	thak	thɔʔ ⁵⁵	∅	thoʔ ⁵⁵	thaʔ ⁵⁵	thɔʔ ⁵⁵
532 (“morning”)	∅	∅	∅	nap ²¹ kjo ⁵⁵	neʔ ³¹ kɔ ⁵⁵	∅
2078 (“cover (the mouth) (v.)”)	∅	∅	∅	ŋop ⁵⁵	ŋøʔ ⁵⁵	∅
2252 (“punish (v.)”)	∅	∅	∅	tʃhup ⁵⁵	tʃhap ⁵⁵	∅
2991 (“to pick”)	∅	∅	∅	pjoʔ ⁵⁵	phjaʔ ⁵⁵	∅
219 (“the year”)	nhacchay	ɲək ⁵⁵	ɲək ⁵⁵	∅	∅	∅
387 (“the root”)	mryat ⁴	mzquat ⁵⁵	met ⁵⁵	∅	∅	∅
133 (“the needle (for sewing)”)	ap ⁴	ap ⁵⁵	ap ⁵⁵	ap ⁵⁵	∅	∅
639 (“above”)	athak	∅	∅	thoʔ ⁵⁵ mai ²¹	a ³¹ t ^h aʔ ⁵⁵	thɔʔ ⁵⁵ mɛ ³¹
31 (“to vomit”)	∅	phat ⁵⁵	phat ⁵⁵	phat ⁵⁵	∅	∅
2926 (“to catch”)	∅	tʃhɔp ⁵⁵	tʃhup ⁵⁵	tʃup ⁵⁵	∅	∅
128 (“two”)	∅	sək ⁵⁵	sək ⁵⁵	∅	∅	ʃik ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2109 (“do / make (v.)”)	∅	xot ⁵⁵	xut ⁵⁵	∅	∅	kat ⁵⁵
2325 (“suck (v.)”)	∅	tɕop ⁵⁵	∅	tʃup ⁵⁵	tʃap ⁵⁵	tʃap ⁵⁵
93 (“dry”)	∅	∅	∅	xui ⁵⁵	∅	fai ⁵⁵
2520 (“the east”)	∅	∅	∅	pui ⁵¹ tho ⁷⁵⁵	∅	pa ³¹ thuk ⁵⁵
				fut ⁵⁵		fai ⁵⁵
213 (“dry”)	khro ₂ k	∅	∅	∅	kjau ⁷⁵⁵	∅
659 (“the goat”)	chit	∅	∅	∅	∅	tʃhat ⁵⁵ pe ⁷⁵⁵
2315 (“splash / sprinkle (v.)”)	∅	∅	xzɔt ⁵⁵	∅	fe ⁷⁵⁵	fe ⁷⁵⁵
630 (“the knee”)	puchac	∅	phɔ ⁷³¹	∅	∅	∅
			tʃhuk ⁵⁵			
2903 (“hungry”)	∅	ʃut ⁵⁵	∅	vui ⁵¹ sit ⁵⁵	∅	∅
118 (“the leaf”)	∅	∅	∅	∅	∅	phɔ ⁷⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
20 (“the ant”)	∅	tchi ⁵⁵ man ⁵⁵	chan ³¹ man ⁵⁵	∅	∅	∅
63 (“the husband”)	∅	ni ³¹ ɲau ⁵⁵	la ⁷³¹ ɲau ⁵⁵	∅	∅	∅
67 (“here”)	∅	the ⁵⁵ tho ⁷⁵⁵	the ⁵⁵ tho ⁷⁵⁵	∅	∅	∅
132 (“to hide (conceal)”)	∅	sau ⁵⁵	sau ⁵⁵	∅	∅	∅
154 (“the water”)	∅	ti ⁵⁵	ti ⁵⁵	∅	∅	∅
254 (“twenty”)	∅	tä ³¹ sau ⁵⁵	ta ³¹ sau ⁵⁵	∅	∅	∅
438 (“the grass”)	∅	sa ⁵⁵	sa ⁵⁵	∅	∅	∅
452 (“bunch (of vegetables)”)	∅	pan ⁵⁵	pan ⁵⁵	∅	∅	∅
464 (“the stick”)	∅	tam ⁵⁵	tam ⁵⁵	∅	∅	∅
477 (“to play”)	∅	tse ⁷⁵⁵	tse ⁷⁵⁵	∅	∅	∅
522 (“hard”)	∅	kzak ⁵⁵	kzak ⁵⁵	∅	∅	∅
560 (“the armpit”)	∅	kä ³¹ liŋ ³⁵	lo ⁷³¹ san ⁵⁵	∅	∅	∅
		ʃ ^h ua ⁷⁵⁵	k ^h zo ⁷⁵⁵			
645 (“the sickle”)	∅	zi ⁵⁵ mo ⁷³¹	zui ⁵⁵ mo ³¹	∅	∅	∅
647 (“light (of weight)”)	∅	zaj ⁵⁵	jaj ⁵⁵	∅	∅	∅
652 (“the fly”)	∅	p ^h ɔp ⁵⁵	phzup ⁵⁵	∅	∅	∅
670 (“outside”)	∅	a ³¹ no ^{k55}	a ³¹ no ⁷⁵⁵	∅	∅	∅
692 (“the dust”)	∅	no ⁿ⁵⁵ pen ³¹	jon ⁵⁵	∅	∅	∅
730 (“to be afraid”)	∅	zo ⁷⁵⁵	ju ⁵⁵	∅	∅	∅
763 (“narrow”)	∅	ɲap ⁵⁵	ɲap ⁵⁵	∅	∅	∅
2002 (“angry”)	∅	tsit ⁵⁵	tsit ⁵⁵	∅	∅	∅
2055 (“chat (v.)”)	∅	kzai ⁵⁵ tsi ³¹	kzai ⁵⁵	∅	∅	∅
2140 (“fast”)	∅	mzap ⁵⁵	mzap ⁵⁵	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2177 (“gnaw / nibble (v.)”)	∅	kzət ⁵⁵	kzət ⁵⁵	∅	∅	∅
2253 (“punish (v.)”)	∅	tshək ⁵⁵	tʃhuək ⁵⁵	∅	∅	∅
2617 (“the intestines”)	∅	a ³¹ u ⁵⁵	a ³¹ u ⁵⁵	∅	∅	∅
2682 (“the shadow”)	∅	a ³¹ zīt ⁵⁵	a ³¹ zūt ⁵⁵	∅	∅	∅
2879 (“the pine”)	∅	xai ⁷⁵⁵ tseŋ ⁵⁵	tsɛ ³¹ pək ^{35a31}	∅	∅	∅
3091 (“to weave (a basket)”)	∅	zua ⁷⁵⁵	tʃuŋ ⁵⁵ zɔ ⁷⁵⁵	∅	∅	∅
3115 (“twist (a towel (v.))”)	∅	tshit ⁵⁵	tshit ⁵⁵	∅	∅	∅
3125 (“wake up (v.)”)	∅	pa ⁵⁵	pa ⁵⁵	∅	∅	∅
265 (“the blind person”)	myak ⁴ nhā ²	nɔ ⁷⁵⁵ mui ³¹	ɲɔ ⁷⁵⁵ ŋɔ ⁵⁵	mjo ⁷²¹ toŋ ²¹	mja ⁷³¹ tuŋ ³¹	mjo ⁷³¹ khuŋ ³⁵
367 (“the animal oil”)	vak ⁴	o ⁷⁵⁵	o ⁷⁵⁵	va ⁷²¹	va ⁷³¹	vɔ ⁷³¹
2460 (“the chicken”)	krak ⁴	kzua ⁷⁵⁵	kzɔ ⁷⁵⁵	vo ⁷²¹	ya ⁷³¹ pha ³⁵	ɣɔ ⁷³¹
2670 (“the monkey”)	myo ₂ k ⁴	nu ⁷⁵⁵	ɲu ⁷⁵⁵	mju ⁷²¹	mja ⁷³¹	mja ⁷³¹
146 (“cold (of temperature)”)	∅	kzuat ⁵⁵	kzɔt ⁵⁵	kjo ⁷²¹	kja ⁷³¹	kjo ⁷³¹
800 (“correct (right)”)	∅	tsi ⁵⁵	ju ⁷³¹ ce ⁵⁵ tsɔ ³¹	tfo ²¹	tʃɔ ³¹	tʃɔ ³¹
2042 (“broken, be (bowls) (v.)”)	∅	kzop ⁵⁵	kzop ⁵⁵	ko ⁷²¹	kjo ⁷³¹	kjo ⁷³¹
2070 (“collapse / cave in / fall down (v.)”)	∅	nɔp ⁵⁵	ɲɔp ⁵⁵	nop ²¹	nap ³¹	nɔp ³¹
2112 (“drunk”)	∅	et ⁵⁵	ɛt ⁵⁵	vut ²¹	jɔt ³¹	jik ³¹
35 (“to hunt”)	pac ⁴	∅	pɤk ⁵⁵	ʃɔ ²¹ pik ²¹	pak ³¹	pak ³¹
88 (“black”)	nak ⁴ prā ²	∅	nɔ ⁷⁵⁵	nik ⁵⁵ no ⁷²¹	mi ³¹ na ⁷⁵⁵	ɣuk ³¹ nɔ ⁷³¹
2100 (“deep”)	nak ⁴	∅	n ³¹ nuuk ⁵⁵	a ²¹ nik ²¹	na ⁷³¹	mɔ ³¹ nɔ ⁷³¹
2765 (“the snail”)	∅	∅	tʃhɔ ⁷⁵⁵ pap ⁵⁵	nɔ ⁵⁵ pap ²¹	nɔ ³¹ pɛ ⁷³¹	nūŋ ³⁵ pɛ ⁷³¹
2800 (“the stone”)	∅	∅	lu ⁷⁵⁵ ko ⁷⁵⁵	lu ⁷²¹ kok ²¹	lau ⁷³¹ taŋ ³¹	lauk ³¹ tsaŋ ³¹
2888 (“the winter”)	∅	∅	kzɔt ⁵⁵ mɤ ⁵⁵	kjo ⁷²¹ mjo ²¹	kja ⁷³¹ mja ⁵⁵	kjo ⁷³¹ mjo ³¹
2271 (“rot (v.)”)	pup ⁴	∅	∅	pup ²¹ tʃe ⁷²¹	pap ³¹	pap ³¹
2909 (“to be afraid”)	kro ₂ k ⁴	∅	∅	kju ⁷²¹	kja ⁷³¹	kja ⁷³¹
4 (“the mouse or rat”)	kro ₁ k	kzɔ ⁷⁵⁵	kzɔ ⁷⁵⁵	∅	ɣɔ ⁷³¹ na ⁷³¹	ɣuk ³¹ nɔ ⁷³¹
413 (“the arm”)	∅	lɔ ⁷⁵⁵ san ⁵⁵	∅	san ²¹	∅	∅
434 (“to shoot (an arrow)”)	∅	pək ⁵⁵	∅	pik ²¹	∅	∅
3058 (“to swim”)	∅	luai ⁵⁵ luai ⁵⁵	∅	vui ⁵¹ li ²¹	∅	∅
3104 (“to yawn”)	∅	a ⁵⁵ xam ³¹	∅	ä ²¹ xam ²¹	∅	∅
172 (“tomorrow”)	∅	xam ³¹ p ^h ä ⁵⁵ nap ⁵⁵	∅	xam ²¹ na ⁷²¹ ma ⁵⁵	nɛ ⁷³¹ ma ³⁵	nɛ ⁷³¹ mɔ ⁵⁵
527 (“morning”)	∅	∅	nap ⁵⁵ mɔ ⁵¹	a ²¹ ŋji ⁵⁵ nap ²¹	nɛ ⁷³¹ a ³¹ ŋji ³⁵ nɛ ⁷³¹	nɛ ⁷³¹ a ³¹ ŋji ³¹ nɛ ⁷³¹
2622 (“the stone”)	kyo ₂ k ⁴	laŋ ³¹ ko ⁷⁵⁵	lu ⁷⁵⁵ ko ⁷⁵⁵	lu ⁷²¹ kok ²¹	∅	∅
416 (“to lick”)	lyak ⁴	∅	∅	∅	ja ⁷³¹	jo ⁷³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
829 (“short”)	∅	∅	tɔk ⁵⁵	tot ²¹	∅	∅
2204 (“line up (v.)”)	∅	∅	jap ⁵⁵	jap ²¹ jan ⁵⁵	∅	∅
469 (“look like / resemble (v.)”)	∅	∅	tut ⁵⁵	tut ²¹	∅	tøʔ ³¹
2007 (“assess / estimate (v.)”)	∅	tak ⁵⁵	tak ⁵⁵	tak ²¹	∅	∅
2620 (“the kidney”)	∅	nam ³¹ lim ⁵⁵	∅	tʃin ⁵⁵ lum ²¹	tʃɔn ³⁵ lam ³¹	∅
3019 (“to shave”)	rit ⁴	∅	∅	vu ²¹	∅	∅
2570 (“the ghost”)		∅	∅	nat ²¹	∅	∅

137.3 4.31.31.21.31.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
185 (“the man (male human)”)	yo ₂ k ⁴ kyah ³	i ³¹ tci ⁵⁵	ju ²¹ ʔ ³¹ ce ⁵⁵	ju ²¹ ke ⁵¹	khak ⁵⁵ jau ²¹	khə ³¹ jauk ³¹

137.4 4.53.55.55.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
493 (“the lung”)	achut ⁴	a ³¹ tɕ ^h ot ⁵³	a ³¹ chut ⁵⁵	tsut ⁵⁵	tsɔt ⁵⁵	tsat ⁵⁵

137.5 4.55.55.21.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
166 (“to kill”)	sat ⁴	sat ⁵⁵	sat ⁵⁵ phut ⁵⁵	sat ²¹	sɛɪ ⁵⁵	sɛɪ ⁵⁵
510 (“early”)	∅	no ²¹	no ²¹	no ²¹	na ²¹	no ²¹

137.6 4.55.55.21.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
201 (“the dream”)	ip ⁴ mak ⁴	it ⁵⁵ mo ²¹	in ³¹ mo ²¹	jup ⁵⁵ mo ²¹	jap ⁵⁵ ma ²¹	jap ³¹ mo ²¹
291 (“to stand”)	ryap ⁴	zap ⁵⁵	jap ⁵⁵	jap ²¹	jɛ ²¹	jɛ ²¹
309 (“the father”)	∅	∅	∅	a ⁵⁵ va ²¹	a ³¹ va ⁵⁵	∅
535 (“noon”)	∅	∅	∅	ɲji ⁵⁵ kuŋ ⁵¹	ɲji ³⁵ kaun ³¹	∅
596 (“the mud”)	∅	∅	∅	tɯ ²¹	tɯ ⁵⁵	∅
2180 (“grain (of rice)”)	∅	∅	∅	kə ⁵⁵ na ²¹	tsə ⁵⁵ ɲja ²¹	∅
2183 (“hungry”)	∅	∅	mut ⁵⁵	tʃham ²¹	tʃhɛ ²¹	∅
2887 (“the winter”)	∅	∅	mut ⁵⁵	mut ²¹	vɛ ³¹ mo ²¹	mo ²¹
	∅	∅	kzɔt ⁵⁵ mɾ ⁵⁵	kjo ²¹ mjo ²¹	kja ²¹ mja ⁵⁵	kjo ²¹ mjo ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2881 (“the willow”)	∅	∅	∅	pan ²¹ tu ²¹	γəi ⁵⁵ pɛ̃ ⁵⁵ tu ³¹ kɛ̃ ⁵⁵	pəŋ ³¹ tau ³⁵

137.7 4.31.55.21.31.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
204 (“left”)	lak ⁴ sañḥ ³	lɔʔ ⁵⁵ ɣəŋ ³¹	lɔʔ ⁵⁵ ɣuŋ ³¹	loʔ ²¹ siŋ ²¹	laʔ ³¹ sɛ̃ ⁵⁵	lɔʔ ³¹ saŋ ³¹
134 (“four”)	∅	mi ³¹	mi ⁵⁵	mji ²¹ ʔfun ⁵¹ tap ²¹	məi ³¹	∅

137.8 4.31.55.55.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
370 (“to sleep”)	ip ⁴	e ³¹	it ⁵⁵	jup ⁵⁵	jap ⁵⁵	jap ³¹
2773 (“the son-in-law”)	sa ³ mak ⁴	tsɔ ³¹ mɔʔ ³¹	tsɔ ³¹ mɔʔ ⁵⁵	tso ²¹ moʔ ⁵⁵	tä ³¹ maʔ ⁵⁵	tsɔ ³⁵ mɔʔ ³¹
139 (“the cloud”)	∅	xan ³¹ zai ⁵⁵	ɕaŋ ⁵⁵ cin ³¹	∅	∅	∅
519 (“shy”)	∅	nɔʔ ⁵⁵ siʔ ³¹	ɲɔʔ ⁵⁵ sai ³⁵	∅	∅	∅
754 (“the moon”)	∅	phä ³¹ lɔʔ ³¹	pau ⁵⁵ lɔ ³¹	∅	∅	∅
2523 (“the west”)	∅	ni ³¹ mɔ ³¹ ɔŋ ⁵⁵ pa ³¹	n ⁵⁵ mɔ ⁵¹ ɔŋ ⁵⁵ pa ³¹	∅	∅	∅
69 (“there”)	∅	∅	∅	xje ⁵¹ ma ⁵⁵	thɔ̃ ⁵⁵ mɛ̃ ⁵⁵	thø ⁵⁵ mɛ ³¹
571 (“the rainbow”)	∅	∅	∅	voʔ ²¹ kan ²¹	γa ^{ʔ31} kɛ̃ ³¹	γɔʔ ³¹ kaŋ ³⁵
2462 (“the chin”)	∅	∅	∅	fiŋ ⁵⁵ jaŋ ²¹	saŋ ⁵⁵ ŋjuŋ ⁵⁵	saŋ ³¹ ŋjɔ̃ ³¹
200 (“the dream”)	ip ⁴ mak ⁴	∅	∅	am ⁵¹ than ⁵⁵	ɛ̃ ⁵⁵ thɔ̃ ⁵⁵	ɛ̃ ³¹ thɔ̃ ³¹
2607 (“the horn (woodwind)”)	∅	pe ³¹ xɛ ³¹	∅	jup ⁵⁵ moʔ ²¹	jap ⁵⁵ maʔ ⁵⁵	jap ³¹ mɔʔ ³¹
2853 (“the wall”)	∅	∅	∅	pji ²¹ khje ⁵⁵	∅	pji ⁵⁵ khje ³¹
	∅	∅	∅	tshɛ̃ ⁵⁵ vam ⁵¹	∅	tshä ³¹ γɛ̃ ³¹

137.9 4.31.35.55.31.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
16 (“the ant”)	puro ¹ kchip	∅	∅	pau ⁵¹ voʔ ⁵⁵	phä ³¹ γɔʔ ³¹	phä ³¹ γuk ³¹
124 (“to burn [intransitive]”)	∅	∅	tɕap ³⁵	∅	tɛʔ ³¹	tɛʔ ³¹
2923 (“to burn”)	∅	∅	tɕap ³⁵	∅	tɛʔ ³¹	tɛʔ ³¹
449 (“the butterfly”)	∅	phä ³¹ zam ³⁵ tɕam ⁵⁵	∅	phä ⁵⁵ lam ⁵¹	phä ³¹ lɛ̃ ⁵⁵	phä ³¹ lɛ̃ ³¹
523 (“the banana”)	∅	∅	∅	ŋoʔ ⁵⁵ mjuʔ ²¹	ŋaʔ ³¹ mjauʔ ³¹	ŋɔʔ ³¹ mjauk ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2442 (“the butterfly”)	∅	phă ³¹ z̄am ³⁵ t̄sam ⁵⁵	phă ⁵⁵ lam ⁵⁵	phă ⁵⁵ lam ⁵¹	phă ³¹ l̄ē ⁵⁵	phă ³¹ l̄ē ³¹
643 (“below, under”)	o ₂ k	∅	∅	o ⁵¹ mai ²¹	∅	ɔ ³¹ m̄e ³¹
2491 (“the cow”)	∅	ŋo ³¹ t̄seŋ ³⁵	∅	∅	n̄ɔ ³¹ taŋ ⁵⁵	n̄ŋ ³⁵ tsaŋ ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
240 (“today”)	∅	∅	n ³¹ ŋan ³⁵	a ²¹ ŋji ⁵⁵ nap ²¹	a ³¹ ŋji ³⁵ neŋ ³¹	a ³¹ ŋji ³¹ neŋ ³¹
284 (“the heart”)	nhalum̄h ³	ŋa ⁵⁵ lum ³¹	ŋa ³¹ lum ³¹	∅	∅	∅
648 (“the bud”)	∅	∅	∅	∅	p̄ē ³¹ t̄fam ³⁵	p̄əŋ ³⁵ t̄fam ³¹

Old Burmese “53”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	53	31	31	21	31	31	(64 exx.)
#2	53	35	35	55	35	55	(37 exx.)
#3	53	31	31	55	35	55	(14 exx.)
#4	53	31	31	55	31	55	(14 exx.)
#5	53	∅	55	21	31	35	(1 ex.)
#6	53	55	55	51	55	31	(3 exx.)
#7	53	31	35	55	55	55	(3 exx.)
#8	53	31	∅	51	55	∅	(1 ex.)
#9	53	35	31	55	35	55	(2 exx.)
#10	53	31	35	55	35	55	(6 exx.)

138.1 53, 31, 31, 21, 31, 31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
47 (“the daughter”)	samiḥ ³	∅	∅	∅	∅	∅
245 (“horizontal”)	kanʔlanʔ	∅	∅	∅	∅	∅
246 (“horizontal”)	kanʔlanʔ	∅	∅	∅	∅	∅
271 (“to play”)	ka ¹ cāḥ ³	∅	∅	∅	∅	∅
335 (“seven”)	khunac	∅	∅	∅	∅	∅
346 (“to hunt”)	a ¹ mai ³ lok ⁴	∅	∅	∅	∅	∅
368 (“straight”)	phro ₂ nʔ	∅	∅	∅	∅	∅
409 (“to scratch”)	a ¹ yāḥ ³	∅	∅	∅	∅	∅
	phyo ₂ k ⁴					
426 (“smooth”)	pyo ₂ ʔ	∅	∅	∅	∅	∅
587 (“the rainbow”)	sak ⁴ tam ²	∅	∅	∅	∅	∅
597 (“the mud”)	rho ₁ m ¹	∅	∅	∅	∅	∅
654 (“roll (v.)”)	lim ¹	∅	∅	∅	∅	∅
681 (“the wolf”)	wam ² pu ¹	∅	∅	∅	∅	∅
	luy ²					
792 (“roll (v.)”)	lhim ¹	∅	∅	∅	∅	∅
2009 (“assess / estimate (v.)”)	kham ¹	∅	∅	∅	∅	∅
	mhan ³					
2022 (“beautiful”)	lha ¹	∅	∅	∅	∅	∅
2068 (“cloudy, be (sky) / overcast (v.)”)	muiv ³ uin ¹	∅	∅	∅	∅	∅
2144 (“fat (of person)”)	va ¹	∅	∅	∅	∅	∅
2278 (“the animal oil”)	a ¹ khyan ²	∅	∅	∅	∅	∅
	pho ₂ k ⁴					

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2326 (“suck (v.)”)	cuiv¹	∅	∅	∅	∅	∅
2340 (“tasty / delicious”)	cāḥ³luiv¹ ko₂n³sañ²	∅	∅	∅	∅	∅
2370 (“the axe”)	pu¹chin²	∅	∅	∅	∅	∅
2381 (“the bat”)	lañ³nuiv¹	∅	∅	∅	∅	∅
2550 (“the forehead”)	na¹phūḥ³	∅	∅	∅	∅	∅
2610 (“the horn (woodwind)”)	kha¹ru¹pak⁴ kyi¹	∅	∅	∅	∅	∅
2630 (“the ladle”)	yo₂k⁴ma¹	∅	∅	∅	∅	∅
2642 (“the leech”)	mhyo₂¹	∅	∅	∅	∅	∅
2696 (“the pestle”)	kyañ²puy¹	∅	∅	∅	∅	∅
2761 (“the shoe”)	phi¹nap⁴	∅	∅	∅	∅	∅
2767 (“the snail”)	kha¹ru¹pak⁴ kyi¹	∅	∅	∅	∅	∅
2768 (“the snail”)	kha¹ru¹pak⁴ kyi¹	∅	∅	∅	∅	∅
2876 (“the widow”)	mu¹chui³	∅	∅	∅	∅	∅
2883 (“the willow”)	ma¹ muivḥ³ma¹	∅	∅	∅	∅	∅
2914 (“to belch”)	kha¹ kruiv¹	∅	∅	∅	∅	∅
2917 (“to breathe”)	thui³ a¹ḥuy¹	∅	∅	∅	∅	∅
3018 (“to send (a letter)”)	thañ¹	∅	∅	∅	∅	∅
3049 (“to startle / disturb”)	lan¹ciy²	∅	∅	∅	∅	∅
3079 (“to wait”)	co₂ḡ¹	∅	∅	∅	∅	∅
3100 (“to winnow”)	lhiy¹	∅	∅	∅	∅	∅
3109 (“turn over (on bed) (v.)”)	lūḥ³lhim¹	∅	∅	∅	∅	∅
1 (“below, under”)	amañ	a³¹tuḡ⁵⁵	a³¹zam³¹	a²¹sak²¹tī⁷⁵⁵	a³¹sak³¹ḡai⁵⁵	a³¹ḡji³¹ne⁷³¹
637 (“inside”)	ato₁nḥ	a³¹xau⁵⁵	a³¹xau⁵⁵	a²¹k^hau⁵¹	a³¹k^hau⁵⁵	a³¹k^huk³¹
25 (“middle”)	aro₁k	a³¹kuḡ⁵⁵	a³¹xzō⁷⁵⁵	∅	a³¹kaḡ³¹	a³¹kaḡ³⁵
131 (“one”)	ta¹vak⁴	ta³¹	ta³¹sau⁵⁵	∅	ta³¹	ta³¹
531 (“chat (v.)”)	∅	∅	∅	pe⁵⁵miḡ²¹ miḡ²¹	∅	pə⁵⁵məḡ³¹
640 (“above”)	∅	∅	∅	o⁵¹mai²¹	∅	ɔ³¹me³¹
2308 (“speak (v.)”)	∅	∅	∅	tai²¹kjo²¹	∅	tfa³¹
2556 (“the friend”)	∅	∅	∅	phji²¹tsum⁵⁵	∅	pjiḡ³¹tḥ³⁵
2589 (“the gums”)	∅	∅	∅	ḡjiḡ²¹	∅	ḡan³¹
557 (“the shoulder”)	pakḡumḥ	xuḡ³¹pau³¹	∅	∅	∅	∅
2132 (“expand / swell (v.)”)	po¹	pə³¹	∅	∅	∅	∅
2193 (“cut (meat) (v.)”)	rha¹	xa³¹	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
114 (“the moon”)	laʔ	phä ³¹ lɔʔ ³¹	pau ⁵⁵ lɔ ³¹	∅	∅	∅
324 (“the fish”)	∅	∅	ŋɔ ³¹ ɕɔ ³¹	ŋó ²¹ tso ²¹	ŋä ³¹ ta ³¹	ŋä ³¹ tso ³¹
536 (“the spider”)	pañʔkū	∅	∅	∅	pʰi ³¹ kɔ ³¹	pʰjɔ ³¹ kɔ ³⁵
3102 (“to yawn”)	∅	a ⁵⁵ xam ³¹	it ⁵⁵ xam ³¹	ä ²¹ xam ²¹	a ³¹ xam ⁵¹	∅
195 (“the sickle”)	∅	xam ³¹ ni ³¹ mɔʔ ³¹	xam ³¹ ni ⁵⁵ mɔ ³¹	xam ²¹ ∅	xam ³¹ ∅	∅
383 (“the buffalo”)	∅	∅	nó ³¹ lui ³¹	nó ²¹ nau ⁵⁵	nɔ ³¹ nau ³⁵	∅
2490 (“the cow”)	no ¹ ma ¹	∅	no ³¹ mɔ ³¹	∅	∅	∅
2562 (“the garlic”)	∅	∅	laʔ ³¹	∅	la ³¹	la ³¹
2999 (“to remember”)	mhat ⁴ mi ¹	∅	∅	∅	∅	mjik ³¹
32 (“the bean”)	∅	kä ³¹ tɕhə ³⁵	∅	∅	kä ³¹ na ³¹	∅
42 (“bad”)	∅	∅	n ³¹ ko ³¹	∅	a ³¹ kai ⁵⁵	∅
2207 (“line up (v.)”)	∅	phaiʔ ³¹	∅	∅	∅	phai ³¹

138.2 53.35.35.55.35.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
30 (“hundred”)	∅	pak ³⁵	pak ³⁵	∅	∅	∅
152 (“to count”)	∅	an ³⁵	an ³⁵	∅	∅	∅
189 (“dirty”)	∅	ək ³⁵	ɣk ³⁵	∅	∅	∅
232 (“yellow”)	∅	ləŋ ³⁵	lɔŋ ³⁵	∅	∅	∅
807 (“the chin”)	∅	pha ³¹ kəŋ ³⁵	phä ³¹ kɔŋ ³⁵	∅	∅	∅
2021 (“beautiful”)	∅	təm ³⁵	tom ³⁵	∅	∅	∅
2107 (“divide / share (things) (v.)”)	∅	mian ³⁵	meŋ ³⁵	∅	∅	∅
2509 (“the door”)	∅	pä ³¹ tu ³⁵	pak ³¹ tu ³⁵	∅	∅	∅
2552 (“the forehead”)	∅	ŋä ³¹ tha ³⁵	ŋó ³¹ ta ³⁵	∅	∅	∅
2971 (“to kick”)	∅	thep ³⁵	thip ³⁵	∅	∅	∅
3045 (“to split”)	∅	tiak ³⁵	tək ³⁵	∅	∅	∅
307 (“full”)	plañʔ	pzəŋ ³⁵	puŋ ³⁵	pjiŋ ⁵⁵	pjaŋ ³⁵	pjaŋ ⁵⁵
2506 (“understand (v.)”)	sa ¹ bo ² po ² k ⁴	sa ³⁵	sa ³⁵	se ⁵⁵ ɔt ²¹	sə ³⁵	sə ⁵⁵
2267 (“ripe”)	mhañ ¹	ŋeŋ ³⁵	∅	mjiŋ ⁵⁵	maŋ ³⁵	maŋ ⁵⁵
2978 (“to lift (the lid)”)	pho ¹ n ¹	phəŋ ³⁵	phoŋ ³⁵	phoŋ ⁵⁵	∅	phuŋ ⁵⁵
2161 (“fight / vie for (v.)”)	lu ¹ yak ⁴	∅	lu ³⁵	lu ⁵⁵ lɔm ²¹	∅	∅
2212 (“lower (the head) (v.)”)	ŋuñ ¹	∅	ŋum ³⁵	ŋom ⁵⁵	∅	∅
2169 (“forget (v.)”)	miy ¹	ni ³⁵	ni ⁷⁵⁵ ni ³⁵	∅	∅	∅
2952 (“to get / acquire”)	ra ¹	zua ³⁵	zɔ ³⁵	∅	∅	∅
2202 (“teach (v.)”)	∅	mɔʔ ³⁵	∅	mɔʔ ⁵⁵	ma ³⁵	mɔʔ ⁵⁵
3022 (“to shiver”)	∅	nan ³⁵	∅	nan ⁵⁵	nə ³⁵	nəŋ ⁵⁵
3010 (“to return”)	∅	∅	lɔ ³⁵	lo ⁵⁵	la ³⁵	lɔ ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
3084 (“to watch (over somebody)”)	∅	∅	zu ³⁵	vu ⁵⁵	u ³⁵	vu ⁵⁵
2397 (“the bed”)	ku ¹ tan ²	ku ³⁵	ku ³⁵	ku ⁵⁵	∅	∅
3077 (“to wait”)	∅	luan ³⁵	lon ³⁵	lan ⁵⁵ to ²¹	lɔ ³⁵ ta ³¹	lɔ ⁵⁵
150 (“the fog”)	∅	∅	∅	sai ⁵⁵ von ²¹	sai ³⁵ vun ³¹	∅
293 (“twenty”)	∅	∅	∅	i ⁵⁵	i ³⁵	∅
2623 (“the kidney”)	∅	∅	∅	tfin ⁵⁵ lum ²¹	tʃon ³⁵ lam ³¹	∅
2020 (“beautiful”)	∅	∅	∅	∅	jaun ³⁵	jaun ⁵⁵
2301 (“slow”)	∅	∅	∅	∅	ta ³⁵	tsɔ ⁵⁵
2311 (“speak (v.)”)	∅	∅	∅	∅	tɪ ³⁵ kja ³⁵	ta ⁵⁵ kjɔ ³⁵
122 (“the breast (female)”)	nuiv [?]	∅	∅	∅	nau ³⁵	nuk ⁵⁵
123 (“to burn [intransitive]”)	ñi	ne ³⁵	∅	nje ⁵⁵	∅	∅
499 (“shake / quake (v.)”)	∅	∅	nun ³⁵	nun ⁵⁵ tui ⁵¹	∅	nan ⁵⁵
248 (“the frog”)	∅	∅	phä ³¹ cak ³⁵	pö ²¹ kjek ⁵⁵	∅	∅
2925 (“to burn”)	∅	ne ³⁵	∅	nje ⁵⁵	∅	∅
2716 (“the plow”)	∅	thän ³⁵	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
173 (“tomorrow”)	∅	∅	∅	na [?] 21ma ⁵⁵	ne [?] 31ma ³⁵	ne [?] 31mɔ ⁵⁵
402 (“round”)	∅	∅	∅	li [?] 55	ne [?] 31lan ³⁵	ne [?] 31lan ⁵⁵
485 (“the sparrow”)	∅	∅	∅	tʃo ⁵¹ k ^h jan ⁵⁵	tʃɔ [?] 31k ^h jɔ ³⁵	tʃɔ [?] 31k ^h jɔ ⁵⁵
573 (“the moon”)	∅	∅	∅	lo ⁵⁵ mo ⁵⁵	lɛ ³⁵ ma ³¹	lɔ ⁵⁵
778 (“soft”)	∅	∅	∅	ŋjom ⁵⁵	nɛ ³⁵	nɛ ⁵⁵
2127 (“exchange (v.)”)	∅	∅	∅	thai ⁵⁵ lum ²¹	thai ³⁵ lam ³⁵	tha ⁵⁵
2220 (“marry (v.)”)	∅	∅	∅	mji ²¹ xan ⁵⁵	mi ³¹ fɔ ³⁵	mji ³⁵ fɔ ⁵⁵
2973 (“to land / descend”)	∅	∅	∅	kjo ⁵⁵	kja ³⁵	kjɔ ⁵⁵
2 (“the pit (stone of fruit)”)	guy ³ ce ¹	ɲi ³¹ tsi [?] 31	li ⁵³ tsi ³¹	ɲi [?] 21tʃi ⁵⁵	ɲi [?] 35tʃi ³⁵	ɲi [?] 35tʃik ⁵⁵
244 (“the nit”)	u	ʃan ³¹ u [?] 31	ʃan ³¹ u ³¹	ʃin ²¹ u ⁵⁵	ʃon ³⁵ u ³⁵	ʃin ³⁵ au ⁵⁵
524 (“morning”)	nij [?] lañ	ni ³¹ ku [?] 55	∅	ɲji ⁵⁵ ku [?] 51	ɲji ³⁵ kaun ³¹	na ⁵⁵ kaun ³⁵
2052 (“chat (v.)”)	∅	pə ³¹ xua ³⁵ kzai ⁵⁵	∅	tɪ ²¹ pe ⁵⁵ mi [?] 21	tɪ ⁵⁵ ∅	pə ⁵⁵ mə [?] 31
2165 (“flat (shallow)”)	∅	∅	phen ³¹	pjen ⁵⁵	pje ³⁵	∅
468 (“the tiger”)	∅	∅	lɔ ³¹ mɔ ³¹ mut ³⁵	lo ²¹ mo ⁵⁵	∅	∅

138.4 53.31.31.55.31.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
158 (“we [first person plural inclusive]”)	∅	∅	∅	nun ⁵⁵ mo ⁷⁵⁵	nan ³¹ ma ⁷³¹	∅
457 (“to play”)	∅	∅	∅	ŋji ⁵¹ kun ⁵⁵	kh ³⁵ k ³¹	∅
617 (“the barley (tibetan or highland)”)	∅	∅	∅	mə ⁵⁵ ja ²¹ sat ⁵⁵	m ³¹ ja ⁵¹	∅
755 (“the moon”)	∅	∅	∅	lo ⁵⁵ mo ⁵⁵	l ³⁵ ma ³¹	∅
2726 (“the rabbit”)	∅	∅	∅	paŋ ⁵⁵ tai ⁵¹	paŋ ³¹ tai ⁵⁵	∅
2766 (“the snail”)	∅	∅	∅	n ⁵⁵ pa ²¹	n ³¹ pe ⁷³¹	∅
11 (“above”)	ariy	a ³¹ z ¹ ⁵⁵	a ³¹ z ¹ ⁵⁵	a ²¹ mji ²¹	a ³¹ tui ⁵⁵	a ⁵⁵ mji ⁵⁵
458 (“to hear”)	∅	∅	∅	vo ⁵⁵ kjo ²¹	γ ³¹ kja ³¹	γ ⁵⁵ kjo ³⁵
2167 (“forget (v.)”)	∅	∅	∅	t ²¹ mji ⁵⁵	t ³¹ m ³¹	t ⁵⁵ mjik ⁵⁵
2362 (“the ash”)	∅	∅	∅	mji ²¹ mop ⁵⁵	mi ³¹ map ³¹	ŋji ³⁵ map ⁵⁵
2379 (“the bat”)	∅	∅	∅	phe ⁵⁵ xi ⁵⁵	pha ⁷⁵⁵ xai ³¹	pho ⁷⁵⁵ xək ⁵⁵
2873 (“the widow”)	mu ¹ chui ³	me ⁷³¹ mai ⁷³¹	∅	tʃhui ²¹ mo ⁵⁵	tʃhu ³⁵ ma ³¹	tʃhuk ⁵⁵ mo ⁵⁵
2663 (“the mole”)	ma ¹ mhai ¹	∅	tʃap ³¹ mi ³¹	ŋ ⁵⁵ me ⁵⁵ xi ⁵⁵	mi ³⁵ m ³¹ va ³¹	∅
615 (“the wheat”)	∅	me ⁷³¹ tsi ⁵⁵	∅	mə ⁵⁵ ja ²¹ ŋjaŋ ²¹	m ³¹ ja ⁵¹	∅

138.5 53.∅.55.21.31.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
125 (“the flower”)	apo ¹ n ⁷	∅	pan ⁵⁵ tam ³¹	pan ²¹	p ³¹ po ³⁵	pəŋ ³⁵

138.6 53.55.55.51.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
51 (“high / tall”)	mrai ¹	m ⁷ zaj ⁵⁵	m ⁷ zaj ⁵⁵	mjaŋ ⁵¹	m ⁷ ç ⁵⁵	m ⁷ ç ³¹
2106 (“divide / share (things) (v.)”)	muiv ³ ma ¹ kha ¹	∅	∅	thaŋ ²¹ mo ⁵⁵ kam ⁵¹	γai ⁵⁵ p ³¹ ç ⁵⁵ tu ³¹ k ³¹	k ³¹
15 (“the ant”)	puro ¹ kchip	∅	∅	pau ⁵¹ vo ⁷⁵⁵	∅	∅

138.7 53.31.35.55.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
341 (“to fight”)	a ¹ ka ¹	tek ⁵⁵ ko ³¹	ta ³⁵ ko ³⁵	m ³¹ khon ⁵¹	m ³¹ khon ⁵⁵	m ³¹ khon ⁵⁵
766 (“smooth”)	∅	∅	chot ³⁵	ko ⁵⁵ tʃut ⁵⁵	ka ⁵⁵ tau ⁷³¹ tʃot ⁵⁵	ko ⁵⁵ tʃat ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2448 (“the buttocks”)	∅	tchi ³¹ tuŋ ³¹	∅	tʃhi ⁵⁵ um ⁵¹	tʃhau ⁷⁵⁵ pau ⁵⁵	tʃhau ⁷⁵⁵ pau ³¹

138.8 53.31:∅:51:55:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2789 (“the square or squared”)	liy ³ tho ₂ n ¹	tseŋ ³¹	∅	mji ²¹ tʃun ⁵¹ tap ²¹	tʃɔn ⁵⁵	∅

138.9 53.35.31.55.35.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2660 (“the milk”)	no ₁ ³ nuiv ¹	ŋo ³¹ nau ³⁵	no ³¹ nau ³¹	nö ²¹ nau ⁵⁵	nɔ ³¹ nau ³⁵	nüŋ ³⁵ nuk ⁵⁵
2067 (“cloudy, be (sky) / overcast (v.)”)	∅	mau ³¹ tʃsau ³⁵	mau ³¹ tau ³¹	mau ²¹ tsau ⁵⁵	∅	∅

138.10 53.31.35.55.35.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
23 (“the day”)	niy	ni ³¹ mɔ ³¹	nai ³⁵ tsin ³⁵	ŋji ⁵⁵ khju ⁵⁵	ŋji ³⁵ kaun ³¹	na ⁵⁵
502 (“the front (front side)”)	rhe ⁵³	nɔ ⁷⁵⁵ si ⁷³¹	ɲɔ ⁷⁵⁵ sai ³⁵	xi ⁵⁵	xəi ³⁵	∅
73 (“thick”)	∅	kan ³¹	kan ³⁵	∅	∅	∅
853 (“to spit”)	∅	tcho ³¹	tse ³⁵	∅	∅	∅
2704 (“the pine”)	∅	piak ³¹ tseŋ ⁵⁵	tsɛ ³¹ pək ^{35a31} tʃsuŋ ⁵⁵	∅	∅	∅
157 (“we [first person plural inclusive]”)	∅	nuaj ⁵⁵ tu ⁷³¹	nɔ ⁷⁵⁵ tu ³⁵	∅	∅	∅

Old Burmese “55”

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru	
#1	55	31	31	21	35	35	(174 exx.)
#2	55	31	31	21	31	35	(86 exx.)
#3	55	31	31	21	31	31	(31 exx.)
#4	55	31	31	21	31	55	(16 exx.)
#5	55	31	31	21	35	55	(10 exx.)
#6	55	55	55	51	55	31	(3 exx.)
#7	55	31	31	21	55	31	(1 ex.)
#8	55	31	31	21	35	55	(1 ex.)
#9	55	31	55	21	31	35	(2 exx.)
#10	55	31	31	55	35	35	(8 exx.)
#11	55	31	51	21	31	55	(2 exx.)
#12	55	55	55	51	55	55	(4 exx.)
#13	55	35	31	21	35	35	(3 exx.)
#14	55	55	35	55	31	55	(2 exx.)
#15	55	55	51	51	55	55	(2 exx.)
#16	55	55	35	21	31	35	(4 exx.)
#17	55	∅	∅	∅	∅	∅	(2 exx.)

139.1 55,31,31,21,35,35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
81 (“to lie down”)	tuñ ³ luñ ³	∅	∅	∅	∅	∅
	lhai ³					
82 (“to lie down”)	tuñ ³ luñ ³	∅	∅	∅	∅	∅
	lhai ³					
241 (“the tiger”)	klāḥ ³	∅	∅	∅	∅	∅
253 (“the ice”)	riykhai	∅	∅	∅	∅	∅
274 (“the son”)	sa ³ mak ⁴	∅	∅	∅	∅	∅
276 (“the mouth”)	pāḥcap	∅	∅	∅	∅	∅
283 (“thou [second person singular]”)	mañḥ ³	∅	∅	∅	∅	∅
297 (“smooth”)	khyo ₂ ³	∅	∅	∅	∅	∅
304 (“bad”)	chuiḥ	∅	∅	∅	∅	∅
312 (“narrow”)	kyanḥ	∅	∅	∅	∅	∅
327 (“four”)	liy ³ tho ₂ ñ ¹	∅	∅	∅	∅	∅
347 (“to hunt”)	a ¹ mai ³ lok ⁴	∅	∅	∅	∅	∅
351 (“the knee”)	dūḥ ³	∅	∅	∅	∅	∅
357 (“good”)	cāḥ ³ luiv ¹	∅	∅	∅	∅	∅
	ko ₂ ñ ³ sañ ²					

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
362 (“to think (reflect)”)	tuyh̄	∅	∅	∅	∅	∅
369 (“to spit”)	thuyh̄	∅	∅	∅	∅	∅
374 (“the gums”)	so ₁ ³ phuih̄ ³	∅	∅	∅	∅	∅
376 (“the rope”)	kruivh̄ ³	∅	∅	∅	∅	∅
394 (“left”)	vai	∅	∅	∅	∅	∅
401 (“green”)	cimh̄	∅	∅	∅	∅	∅
412 (“the road”)	lamh̄ ³	∅	∅	∅	∅	∅
418 (“cold (of temperature)”)	iyh̄	∅	∅	∅	∅	∅
431 (“the snow”)	chi ³ nhaih̄ ³	∅	∅	∅	∅	∅
463 (“flat (shallow)”)	pra ³	∅	∅	∅	∅	∅
580 (“round”)	wuih̄ ³	∅	∅	∅	∅	∅
635 (“the bud”)	a ¹ phu ³	∅	∅	∅	∅	∅
684 (“the ginger”)	gya ³	∅	∅	∅	∅	∅
721 (“to sell”)	ro ₂ ³ nh̄ ³	∅	∅	∅	∅	∅
860 (“to lie down”)	tu ³ lu ³	∅	∅	∅	∅	∅
2004 (“angry”)	lhai ³ dɔ ³ po ¹	∅	∅	∅	∅	∅
2008 (“assess / estimate (v.)”)	khan ¹ mhan ³	∅	∅	∅	∅	∅
2043 (“broken, be (bowls) (v.)”)	koi ³	∅	∅	∅	∅	∅
2045 (“bunch (of vegetables)”)	cañ ³	∅	∅	∅	∅	∅
2064 (“chop / cut (meat) (v.)”)	cyan	∅	∅	∅	∅	∅
2083 (“the saliva”)	so ₁ ³ riy ²	∅	∅	∅	∅	∅
2098 (“deaf, be (v.)”)	na ³ pañ ³	∅	∅	∅	∅	∅
2113 (“drunk”)	mu ³	∅	∅	∅	∅	∅
2128 (“exchange (v.)”)	lai ³ lhay ²	∅	∅	∅	∅	∅
2172 (“fragrant”)	mhuy ³	∅	∅	∅	∅	∅
2257 (“raise (chickens) (v.)”)	muy ³	∅	∅	∅	∅	∅
2261 (“rely / lean on (v.)”)	a ³ kuiv ³	∅	∅	∅	∅	∅
2262 (“rely / lean on (v.)”)	a ³ kuiv ³	∅	∅	∅	∅	∅
2298 (“shrivel up / wither (v.)”)	nom ³	∅	∅	∅	∅	∅
2300 (“slow”)	nhiy ³	∅	∅	∅	∅	∅
2310 (“speak (v.)”)	pro ₂ ³	∅	∅	∅	∅	∅
2351 (“the animal oil”)	ut ⁴ khai ³	∅	∅	∅	∅	∅
2375 (“the banana”)	phi ³ kram ³	∅	∅	∅	∅	∅
2376 (“the banana”)	phi ³ kram ³	∅	∅	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2389 (“the bean”)	pai³	∅	∅	∅	∅	∅
2416 (“blind, be (v.)”)	a¹kan³	∅	∅	∅	∅	∅
2433 (“the bridge”)	tam²ta³	∅	∅	∅	∅	∅
2465 (“the chin”)	miy³	∅	∅	∅	∅	∅
2473 (“the clothes”)	aŋ³kyi²	∅	∅	∅	∅	∅
2482 (“the cooked rice”)	tha³mañḥ³	∅	∅	∅	∅	∅
2486 (“the corpse”)	lo₂ñḥ³	∅	∅	∅	∅	∅
2494 (“the crow”)	kyi³kanḥ³	∅	∅	∅	∅	∅
2496 (“the crow”)	kyi³kanḥ³	∅	∅	∅	∅	∅
2510 (“the door”)	tañ²khah³	∅	∅	∅	∅	∅
2535 (“the eyebrow”)	myak⁴	∅	∅	∅	∅	∅
	khuiñ³muy³					
2553 (“the forehead”)	na¹phūḥ³	∅	∅	∅	∅	∅
2591 (“the gums”)	so₁³phuiñ³	∅	∅	∅	∅	∅
2609 (“the horn (woodwind)”)	kha¹rā²	∅	∅	∅	∅	∅
	[ñhai³]					
2628 (“the knife”)	dhah³	∅	∅	∅	∅	∅
2691 (“the peanut”)	mliy²pai³	∅	∅	∅	∅	∅
2735 (“the willow”)	muiḥ³ma¹	∅	∅	∅	∅	∅
	kha¹					
2823 (“the testicles”)	guy³ce¹	∅	∅	∅	∅	∅
2869 (“the wheel”)	bhi³	∅	∅	∅	∅	∅
2897 (“thin (object)”)	siy³	∅	∅	∅	∅	∅
2905 (“tired”)	ño₂ñḥ³	∅	∅	∅	∅	∅
2912 (“to be ill”)	phyāḥ³	∅	∅	∅	∅	∅
2913 (“to belch”)	kruiv¹	∅	∅	∅	∅	∅
	thuiḥ³					
2927 (“to catch”)	pham³	∅	∅	∅	∅	∅
2959 (“to hate”)	mun³	∅	∅	∅	∅	∅
2975 (“to land / descend”)	chāñḥ³sak⁴	∅	∅	∅	∅	∅
3074 (“to tie”)	cañ³	∅	∅	∅	∅	∅
3105 (“to yawn”)	sanḥ³	∅	∅	∅	∅	∅
3110 (“turn over (on bed) (v.)”)	lūḥ³lhim¹	∅	∅	∅	∅	∅
3119 (“understand (v.)”)	sa¹bo₂³po₂k⁴	∅	∅	∅	∅	∅
3124 (“wake up (v.)”)	nuiḥ³	∅	∅	∅	∅	∅
3128 (“warm”)	nuyḥ³thuy³	∅	∅	∅	∅	∅
36 (“to flow”)	to³so³	so³¹	so³¹	so²¹	so³⁵	su³⁵
37 (“the fish”)	asāḥ³	ṣua³¹	ṣo³¹pṛk⁵⁵	fo²¹	fa³⁵	fo³⁵
78 (“big”)	kriḥ	tchet⁵⁵kzə³¹	ku³¹	ko²¹	ko³⁵	ya³⁵
198 (“the dog”)	mliykhuḥ	pum⁵⁵xui³¹	pum⁵⁵fui³¹	vam⁵¹k^hui²¹ mo⁵⁵	mjaṅ⁵⁵ k^hui³⁵	mjaṅ³¹k^ha³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
285 (“the nail (fingernail or claw)”)	lak ⁴ sañh ³	lɔʔ ⁵⁵ ʂəŋ ³¹	lɔʔ ⁵⁵ ʂuŋ ³¹	loʔ ²¹ siŋ ²¹	laʔ ³¹ saŋ ³⁵	lɔʔ ³¹ saŋ ³⁵
286 (“bear (fruit) (v.)”)	muivh ³ sih ³	ʂə ³¹	ʂi ³¹	ʂi ²¹	ʂi ³⁵	ʂi ³⁵
447 (“the axe”)	u ³ thup ⁴	u ³¹ suŋ ³¹	u ³¹ kɔŋ ³¹	u ²¹ lum ²¹	u ³⁵ lam ³¹	au ³⁵ lam ³⁵
490 (“the flea”)	lhiyh ³	li ³¹	fu ³¹ lai ³¹	k ^h ɛ ⁵⁵ lai ²¹	k ^h ɛ ³¹ li ³⁵	k ^h ɛ ³¹ li ³⁵
545 (“bitter”)	kha ³	xɔ ³¹	xɔ ³¹	i ²¹ tʃum ²¹	kha ³⁵	k ^h ɔ ³⁵
547 (“firewood”)	thanh ³	t ^h uaj ³¹	t ^h ɔŋ ³¹	k ^h o ²¹ t ^h aj ²¹	t ^h ɔ ³⁵	t ^h ɔ ³⁵
554 (“the louse”)	sanh ³	ʂan ³¹ u ³¹	ʂan ³¹ u ³¹	ʂin ²¹ u ⁵⁵	ʂɔn ³⁵ u ³⁵	ʂɔn ³⁵ u ⁵⁵
564 (“the liver”)	asañh ³	a ³¹ ʂəŋ ³¹	a ³¹ ʂuŋ ³¹	siŋ ²¹	saŋ ³⁵	saŋ ³⁵
2542 (“to cough”)	khyo ₂ n ^h ³ chuihv ³	khzɔŋ ³¹ tʂhau ³¹	khzɔŋ ³¹ tʂhau ³¹	khjuŋ ²¹ tsau ²¹	khjaŋ ³⁵ tau ³¹ tau ³¹	khjaŋ ³⁵ tsuk ⁵⁵
191 (“dirty”)	∅	∅	∅	∅	lu ³⁵	lau ³⁵
442 (“the grass”)	∅	∅	∅	∅	mɛ ³⁵	maŋ ³⁵
471 (“to hide (conceal)”)	∅	∅	∅	∅	ŋjam ³⁵	ŋjam ³⁵
488 (“lower (the head) (v.)”)	∅	∅	∅	∅	ŋɔn ³⁵	ŋan ³⁵
613 (“the sickle”)	∅	∅	∅	∅	ʃɛ ⁵⁵ ŋɔ ³⁵	ʃɛ ³¹ ŋɔ ³⁵
677 (“left”)	∅	∅	∅	∅	laʔ ³¹ kaŋ ³⁵	lɔʔ ³¹ kaŋ ³⁵
705 (“to lie down”)	∅	∅	∅	∅	lan ³⁵	lan ³⁵
863 (“to spit”)	∅	∅	∅	∅	phø ³⁵	phø ³⁵
2028 (“bloated, feel (of the stomach) (v.)”)	∅	∅	∅	∅	taŋ ³⁵	taŋ ³⁵
2060 (“chisel / bore (a hole) (v.)”)	∅	∅	∅	∅	kjaŋ ³⁵	kjaŋ ³⁵
2758 (“the shoe”)	∅	∅	∅	∅	khji ⁵⁵ tsaŋ ³⁵	khjik ³¹ tsaŋ ³⁵
2919 (“to buckle up / fasten (a belt)”)	∅	∅	∅	∅	tʃhui ³⁵	tʃhui ³⁵
2928 (“to catch”)	∅	∅	∅	∅	taŋ ³⁵	taŋ ³⁵
2968 (“to itch”)	∅	∅	∅	∅	phɔn ³⁵	phan ³⁵
96 (“to push”)	∅	∅	∅	tʃum ²¹	tʃɔn ³⁵	tʃum ³⁵
414 (“the bee”)	∅	∅	∅	ʃö ²¹ pik ²¹	ʃä ³⁵ pak ³¹	ʃö ³⁵ pak ³¹
715 (“light (of weight)”)	∅	∅	∅	som ²¹	sø ³⁵	sum ³⁵
2044 (“bunch (of vegetables)”)	∅	∅	∅	khan ²¹	khɛ ³⁵	khəŋ ³⁵
2176 (“gnaw / nibble (v.)”)	∅	∅	∅	khe ²¹	khai ³⁵	khai ³⁵
2256 (“raise (chickens) (v.)”)	∅	∅	∅	tso ²¹	ta ³⁵	tsɔ ³⁵
2508 (“the door”)	∅	∅	∅	khum ²¹	kham ³⁵	kham ³⁵
59 (“to push”)	to ₁ n ^h	tun ³¹	tun ³¹	∅	∅	∅
227 (“the ear”)	na ³ tho ₂ n ²	ni ³¹ tʂhua ³¹	na ³¹ tʂho ₂ ³¹	∅	∅	∅
282 (“the head”)	kho ₂ n ^h ³	ni ³¹ kuaj ³¹	u ³¹ kɔŋ ³¹	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
406 (“near”)	nīḥ	ne ³¹	ne ³¹	∅	∅	∅
2153 (“few”)	nañ ³	nəŋ ³¹	nŋŋ ³¹	∅	∅	∅
2489 (“the buffalo”)	no ₁ ³ nuiv ¹	ŋo ³¹ ŋau ³⁵	no ³¹ nau ³¹	∅	∅	∅
21 (“the rope”)	∅	toi ³¹	tui ³¹	tui ²¹	tui ³⁵	tɔi ³⁵
546 (“to plant (vegetals, rice)”)	∅	sɔ ³¹	sɔ ³¹	xo ²¹	xa ³⁵	xɔ ³⁵
2576 (“the ginger”)	∅	tchaj ³¹	tʃhaj ³¹	tʃhaj ²¹	tʃhɔ̃ ³⁵	tʃhɔ̃ ³⁵
3016 (“to sell”)	∅	uŋ ³¹	uŋ ³¹	uŋ ²¹	auŋ ³⁵	auŋ ³⁵
552 (“the frog”)	∅	∅	phā ³¹ cak ³⁵	pō ²¹ kjek ⁵⁵	∅	∅
850 (“the son”)	∅	∅	ju ²¹ ʃ ³¹ ce ⁵⁵ tsɔ ³¹	ju ²¹ ke ⁵¹ tso ²¹	∅	∅
2029 (“bloated, feel (of the stomach) (v.)”)	∅	∅	pzɔŋ ³¹	puŋ ²¹	∅	∅
2086 (“cut (meat) (v.)”)	∅	∅	jam ³¹	jam ²¹	∅	∅
2434 (“the bud”)	∅	∅	a ³¹ pzum ³¹	a ²¹ pum ²¹	∅	∅
2437 (“the bud”)	∅	∅	a ³¹ pzum ³¹	a ²¹ pum ²¹	∅	∅
278 (“the fish”)	ñāḥ ³	ŋa ³¹ ʃua ³¹	∅	∅	∅	∅
611 (“the shoulder”)	pakhumḥ	xuŋ ³¹ pau ³¹	∅	∅	∅	∅
2059 (“chisel / bore (a hole) (v.)”)	tho ₁ ñ ³	thoŋ ³¹	∅	∅	∅	∅
2812 (“the taste (something)”)	mrañḥ ³	mi ³¹	∅	∅	∅	∅
2889 (“the winter”)	cho ₂ ñḥ ³	tchɔŋ ³¹	∅	∅	∅	∅
342 (“the cheek”)	pāḥ ³	pha ³¹ kap ³⁵	pʰ ³¹ zam ³⁵	pə ²¹ sop ⁵⁵	∅	∅
761 (“the sand”)	sai	sā ³¹ le ⁵⁵	sa ³¹ lɛ ³¹	sā ²¹ mui ⁵¹	∅	∅
3015 (“to ride”)	cīḥ ³	tsi ³¹	tsi ³¹	tʃi ²¹	∅	∅
581 (“the sheep”)	suiḥ ³	∅	∅	sau ²¹ mji ⁵⁵	∅	∅
612 (“the armpit”)	khyo ₁ ñḥ	∅	∅	kā ²¹ tʃok ⁵⁵	∅	∅
2321 (“splash / sprinkle (v.)”)	phyan ³	∅	∅	k ^h oŋ ²¹ phjun ²¹	∅	∅
2011 (“bald”)	tun ³	∅	∅	∅	∅	tauŋ ³⁵
2085 (“cut (meat) (v.)”)	lhi ³ phyat ⁴	∅	∅	∅	∅	lai ³⁵
2382 (“bright”)	lan ³ nuiv ¹	∅	∅	∅	∅	lej ³⁵
2822 (“the testicles”)	∅	ŋi ³¹ tsi ²³¹	∅	ñj ²¹ tʃi ⁵⁵	ŋji ³⁵ tʃi ³⁵	ñji ³⁵ tʃik ⁵⁵
3065 (“to tell”)	∅	kzai ⁵⁵ tsi ³¹	∅	tai ²¹ kjo ²¹	t ³⁵ kja ³⁵	ta ⁵⁵ kjo ³⁵
182 (“to dig”)	tūḥ ³	tu ³¹	tu ³¹	∅	∅	tau ³⁵
243 (“the frog”)	phāḥ ³	phɔ ³¹	∅	∅	pa ³⁵	pɔ ³⁵
252 (“the tree”)	∅	saj ³¹ tseŋ ⁵⁵	∅	∅	∅	∅
601 (“marry (v.)”)	∅	tan ³¹ tsaj ³¹ zi ³¹	∅	∅	∅	∅
674 (“left”)	∅	nam ³¹ ŋɔ ³¹	∅	∅	∅	∅
2322 (“splash / sprinkle (v.)”)	∅	kzən ³¹	∅	∅	∅	∅
92 (“the blood”)	suyḥ	∅	∅	∅	sui ³⁵	sa ³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2296 (“shriveled up / wither (v.)”)	∅	ṅau ³¹	ḡau ³¹	ṅju ²¹	ṅju ³⁵	∅
3126 (“warm”)	nuyḥ ³ thuy ³	∅	∅	ṅje ²¹	∅	ṅjə ³⁵
52 (“straight”)	∅	∅	ṣa ³¹	∅	∅	∅
694 (“damaged, be (house) / cave in (v.)”)	∅	∅	tzəj ³¹	∅	∅	∅
733 (“young”)	∅	∅	a ³¹ zəm ³¹	∅	∅	∅
474 (“to hold”)	∅	∅	∅	tsui ²¹	∅	tsɔi ³⁵
636 (“the daughter”)	∅	∅	∅	mji ²¹ ve ²¹ tsə ²¹	∅	mji ³⁵ ve ³⁵ tsə ³⁵
558 (“the armpit”)	∅	kā ³¹ liṅ ³⁵ tṣ ^h ua ⁷⁵⁵	∅	kā ²¹ tʃok ⁵⁵ k ^h oṅ ²¹	∅	∅
675 (“left”)	∅	lo ⁷³¹ nam ³¹ pa ³¹	∅	lo ⁷³¹ pai ²¹	∅	∅
691 (“exchange (v.)”)	∅	∅	∅	lu ⁵⁵ lum ²¹	lɔt ⁵⁵ lam ³⁵	∅
2213 (“make (tea) (v.)”)	∅	∅	∅	ṅjun ²¹	ṅjɔn ³⁵	∅
2036 (“borrow (money) (v.)”)	ṅhah ³	mɔ ³¹	ṅɔ ³¹	∅	∅	∅
2039 (“bright”)	∅	səṅ ³¹	ṣəṅ ³¹	san ²¹ san ²¹	∅	∅
2738 (“the saliva”)	∅	a ³¹ zui ³¹	a ³¹ cui ³¹	∅	khə ³¹ tai ³⁵	∅
2783 (“the spirit (evil) / demon”)	chui ³ ḥ ³ chiy ³	∅	sau ³⁵ ce ³¹	∅	∅	∅
13 (“straight”)	∅	saṅ ³¹ tseṅ ⁵⁵ tan ³¹	∅	∅	tṣ ³⁵	∅
83 (“to lie down”)	lai	∅	∅	le ⁷²¹	∅	∅
2073 (“compensate (v.)”)	∅	∅	phui ⁵¹ tsi ³¹	∅	tʃai ³⁵	∅
2516 (“the duck”)	bhai ³	pi ³¹	∅	∅	∅	∅
174 (“one”)	∅	∅	∅	lä ²¹ vui ⁵⁵	∅	∅
437 (“the buffalo”)	∅	∅	∅	∅	∅	nūṅ ³⁵ nuk ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
24 (“the sun”)	∅	ni ³¹ mɔ ³¹	n ³¹ mɔ ³¹	∅	∅	∅
105 (“to float”)	∅	nə ³¹	ju ³¹	∅	∅	∅
126 (“the flower”)	∅	kän ⁵⁵ tam ³¹	pan ⁵⁵ tam ³¹	∅	∅	∅
136 (“the child (young human)”)	∅	tsä ³¹ oi ³¹	tsə ³¹ ui ³¹	∅	∅	∅
140 (“the cloud”)	∅	xan ³¹ tein ³¹	çəṅ ⁵⁵ cin ³¹	∅	∅	∅
208 (“marry (v.)”)	∅	i ³¹ nɔ ³¹	ji ³¹ ɲɔ ³¹	∅	∅	∅
209 (“the woman”)	∅	i ³¹ nɔ ³¹	ji ³¹ ɲɔ ³¹	∅	∅	∅
228 (“the ear”)	∅	ni ³¹ tṣhua ³¹	ṅa ³¹ tṣho ³¹	∅	∅	∅
308 (“what”)	∅	pi ³¹ si ⁵⁵	pɛ ³¹	∅	∅	∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
435 (“to give”)	∅	tsi ³¹	tsi ³¹	∅	∅	∅
514 (“the thunder”)	∅	mau ³¹ zau ³¹	mau ³¹ cau ³¹	∅	∅	∅
528 (“he or she [third person singular]”)	∅	ṅaŋ ³¹	ḡaŋ ³¹	∅	∅	∅
540 (“to chew”)	∅	mam ³¹	mam ³¹	∅	∅	∅
610 (“the dew”)	∅	tshe ³¹	tshe ³¹	∅	∅	∅
723 (“horizontal”)	∅	xaŋ ³¹	a ³¹ faŋ ³¹	∅	∅	∅
725 (“today”)	∅	xai ⁵⁵ nɛn ³¹	fu ³¹ ŋɛn ³¹	∅	∅	∅
812 (“the road”)	∅	xa ⁵⁵ mzua ³¹	chɔ ⁵⁵ mɔ ³¹	∅	∅	∅
851 (“the rib”)	∅	luk ³¹ khaŋ ³¹	zau ³¹ khzaŋ ³¹	∅	∅	∅
		tʃham ⁵¹				
2097 (“deaf, be (v.)”)	∅	kəŋ ³¹	kəŋ ³¹	∅	∅	∅
2101 (“difficult”)	∅	ko ³¹	n ³¹ ko ³¹	∅	∅	∅
2143 (“fat (of person)”)	∅	pzau ³¹	pzau ³¹	∅	∅	∅
2258 (“raise (chickens) (v.)”)	∅	leŋ ³¹	liŋ ³¹	∅	∅	∅
2333 (“sweet”)	∅	uai ³¹	oi ³¹	∅	∅	∅
2464 (“the chin”)	∅	pha ³¹ kəŋ ³⁵	phə ³¹ kəŋ ³⁵	∅	∅	∅
2472 (“the clothes”)	∅	tse ³¹	tsi ³¹	∅	∅	∅
2511 (“the door”)	∅	pă ³¹ tu ³⁵	pak ³¹ tu ³⁵	∅	∅	∅
2521 (“the east”)	∅	ni ³¹ mɔ ³¹ ɔŋ ⁵⁵	n ⁵⁵ mɔ ⁵¹ ɔŋ ⁵⁵	∅	∅	∅
		pa ³¹	pa ³¹			
2618 (“the intestines”)	∅	a ³¹ zɪt ⁵⁵	a ³¹ zɪt ⁵⁵	∅	∅	∅
2629 (“the knife”)	∅	mzau ³¹	mzau ³¹	∅	∅	∅
2657 (“the medicine”)	∅	nam ³¹ ṅɔ ³¹	ḡɔ ³¹	∅	∅	∅
2854 (“the wall”)	∅	tʃhaŋ ³¹	tshiaŋ ³¹	∅	∅	∅
2906 (“tired”)	∅	muai ³¹	moi ³¹	∅	∅	∅
2920 (“to buckle up / fasten (a belt)”)	∅	tshe ³¹	tshi ³¹	∅	∅	∅
2985 (“to love”)	∅	naŋ ³¹	nan ³¹	∅	∅	∅
50 (“the bamboo”)	vāḥ ³	o ³¹	o ³¹	va ²¹	va ³¹	vɔ ³⁵
95 (“far”)	viyḥ	ve ³¹	ve ³¹	ve ²¹	ve ³¹	va ³⁵
194 (“the smoke”)	miḥ ³	ni ³¹ xau ³¹	ṅi ³¹ xau ³¹	mji ²¹ khau ²¹	mi ³¹	mji ²¹ khuk ⁵⁵
263 (“many”)	myāḥ	ṅɔ ³¹	ṅɔ ³¹	mjo ²¹	mja ³¹	mjo ³⁵
299 (“to hear”)	krāḥ ³	kzua ³¹	kzɔ ³¹	kjo ²¹	kja ³¹	kjo ³⁵
428 (“heavy”)	liyḥ	li ³¹	lai ³¹	lai ²¹	li ³¹	la ³⁵
430 (“above”)	nhalumḥ ³	ṅa ⁵⁵ lum ³¹	ṅɔ ³¹ lum ³¹	nik ⁵⁵ lum ²¹	nak ⁵⁵ lam ³¹	nak ⁵⁵ lam ³⁵
2082 (“crawl (of people) (v.)”)	to ³ so ³	to ³¹	to ³¹	to ²¹	tɔ ³¹	tu ³⁵
2825 (“the thorn”)	chūḥ ³	tɕo ³¹	cu ³¹	tsu ²¹	tu ³¹	tsau ³⁵
102 (“to float”)	∅	∅	∅	mju ²¹	mjuŋ ³¹	mjuŋ ³⁵
211 (“the woman”)	∅	∅	∅	mji ²¹ ve ²¹	mi ³¹ ʃe ³¹	mji ³⁵ ʃe ³⁵
270 (“he or she [third person singular]”)	∅	∅	∅	jaŋ ²¹	jɔ ³¹	jɔ ³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
320 (“the dust”)	∅	∅	∅	phui ²¹ lau ⁵¹	phə ³¹ lau ⁵⁵	phɔ̃ ³⁵ lɔk ³¹
453 (“the head”)	∅	∅	∅	u ²¹ lum ²¹	u ³⁵ lam ³¹	au ³⁵ lam ³⁵
460 (“the willow”)	∅	∅	∅	pan ²¹ tu ²¹	ɣəi ⁵⁵ pə̃ ⁵⁵ tu ³¹	pəŋ ³¹ tau ³⁵
570 (“the rainbow”)	∅	∅	∅	vo ²¹ kan ²¹	kɛ̃ ⁵⁵ ɣa ²¹ kɛ̃ ³¹	ɣa ²¹ kaŋ ³⁵
666 (“the stick”)	∅	∅	∅	fiŋ ⁵⁵ jaŋ ²¹	saŋ ⁵⁵ njuŋ ⁵⁵	saŋ ³¹ ŋjɔ̃ ³¹
2435 (“the bud”)	∅	∅	∅	nə ²¹ se ²¹	və̃ ⁵⁵ se ³¹	və̃ ⁵⁵ se ³⁵
2548 (“the fly”)	∅	∅	∅	pan ²¹ tɕup ⁵⁵	pɛ̃ ³¹ tɕam ³⁵	pəŋ ³⁵ tɕam ³¹
2718 (“the poison”)	∅	∅	∅	jaŋ ⁵¹ khuy ²¹	jɔ̃ ⁵⁵ khauŋ ³¹	jɔ̃ ³¹ khauŋ ³⁵
3123 (“wake up (v.)”)	∅	∅	∅	mui ²¹	mi ³¹ na ²¹	mui ³⁵
87 (“to think (reflect)”)	∅	∅	∅	pun ²¹	pɔn ³¹	pum ³⁵
151 (“the fog”)	∅	∅	∅	mjit ²¹	mjɔt ³¹	∅
181 (“to dig”)	∅	∅	∅	sai ⁵⁵ von ²¹	sai ³⁵ vun ³¹	∅
649 (“young”)	∅	∅	∅	khai ²¹	khə ²¹	∅
2092 (“damaged, be (house) / cave in (v.)”)	∅	∅	∅	a ²¹ sak ²¹ tɕi ²¹	a ³¹ sak ³¹ ŋai ⁵⁵	∅
2111 (“bear (fruit) (v.)”)	∅	∅	∅	tɕe ²¹	tɕak ³¹	∅
2471 (“the clothes”)	∅	∅	∅	tsui ²¹	tui ³¹	∅
2537 (“the face”)	∅	∅	∅	pu ²¹	pu ³¹	∅
2722 (“the pus”)	∅	∅	∅	mjo ²¹ toŋ ²¹	mja ²¹ tuŋ ³¹	∅
3078 (“to wait”)	∅	∅	∅	pjiŋ ⁵¹ viŋ ²¹	pjaŋ ⁵⁵ ɣaŋ ³¹	∅
3096 (“to wink”)	∅	∅	∅	laŋ ⁵⁵ to ²¹	lɔ̃ ³⁵ tə ³¹	∅
76 (“the belly”)	∅	∅	∅	lap ²¹	lap ³¹	∅
84 (“to bite”)	∅	∅	∅	∅	və ³¹ tau ³¹	və̃ ³⁵ tuk ³¹
121 (“the son-in-law”)	∅	∅	∅	∅	pɛ̃ ³¹	pəŋ ³⁵
138 (“to fly (move through air)”)	∅	∅	∅	∅	tə ³¹ ma ²¹	tsɔ̃ ³⁵ mə ²¹
2841 (“the valley”)	∅	∅	∅	∅	tə ³¹	tɔ̃ ³⁵
2904 (“tired”)	∅	∅	∅	∅	lɔ̃ ³¹ khauŋ ³⁵	lɔ̃ ³⁵ khauŋ ²¹
2960 (“to hate”)	∅	∅	∅	∅	mjaŋ ³¹	mjaŋ ³⁵
3014 (“to ride”)	∅	∅	∅	∅	mai ³¹	mai ³⁵
135 (“the grandson”)	∅	tsə ³¹ mə ²¹	tsə ³¹ mə ²¹	tso ²¹ mə ²¹	tɕui ³¹	tɕui ³⁵
259 (“the spider”)	∅	kuj ³¹ kai ³⁵	koŋ ³¹ kau ⁵⁵	a ⁵⁵ kaŋ ²¹	ta ³¹	tso
467 (“the tiger”)	∅	zai ⁵⁵ lɔ ³¹	lɔ̃ ³¹ mə ³¹	lo ²¹ mə ⁵⁵	ph ³¹ kɔ̃ ³¹	ph ³¹ kɔ̃ ³¹
772 (“old (aged)”)	∅	mut ³⁵ muaj ³¹	mut ³⁵ mɔŋ ³¹	mjaŋ ²¹	la ³¹	lɔ ³⁵
2452 (“the buttocks”)	∅	tɕenam ³¹ tɔŋ ³¹	khu ⁵⁵ tuŋ ³¹	ton ²¹	mɔ̃ ³¹	mɔ̃ ³⁵
345 (“the horse”)	mraŋ ³	mɕaj ³¹	∅	mjaŋ ²¹	tuŋ ³¹	tuŋ ³⁵
322 (“the child (young human)”)	∅	tsə ³¹ oi ³¹	∅	tsə ²¹ faŋ ⁵¹	mjɔ̃ ³¹	mjɔ̃ ³⁵
819 (“the forehead”)	∅	tsə ³¹ oi ³¹	∅	∅	tə ³¹ ɔ̃ ⁵⁵	tsə ³⁵ ɔ̃ ³¹
2940 (“to cross (a river)”)	riy ² ku ³	ŋə ³¹ tha ³⁵	∅	ŋə ²¹ laŋ ²¹	ŋə ³¹ lɔ̃ ³¹	ŋə ³⁵ lɔ̃ ³¹
		∅	∅	ku ²¹	ku ³¹	kau ³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
239 (“to eat”)	cāḥ ³	∅	∅	∅	ta ³¹	tsɔ ³⁵
2439 (“the buffalo”)	∅	∅	nō ³¹ lui ³¹	nō ²¹ lui ²¹	nō ³¹ lui ³¹	nūj ³⁵ lɔi ³⁵
54 (“twenty”)	tachay	tā ³¹ sau ⁵⁵	∅	∅	tā ³¹ thai ⁵⁵	∅

139.3 55.31.31.21.31.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
257 (“to fight”)	∅	∅	∅	pat ²¹ lum ²¹	pɛʔ ³¹ lam ³⁵	pɛʔ ³¹ lam ³¹
459 (“the ear”)	∅	∅	∅	nō ²¹ phjo ²¹	nə ³¹ khj ⁵⁵	nə ³¹ khjɛ ⁷⁵⁵
491 (“the hail”)	∅	∅	∅	lik ²¹ vo ⁵¹	lak ³¹ γɔ ⁵⁵	lak ³¹ γu ³¹
569 (“the rainbow”)	∅	∅	∅	voʔ ²¹ kan ²¹	γa ^{ʔ31} kɛ ³¹	γa ^{ʔ31} kaŋ ³⁵
2063 (“chop / cut (meat) (v.)”)	∅	∅	∅	ʃiŋ ⁵⁵ jaŋ ²¹ tʃap ²¹	saŋ ⁵⁵ njuŋ ⁵⁵ tʃɛʔ ³¹	saŋ ³¹ ŋjɔ ³¹ tʃɛʔ ³¹
2152 (“few”)	∅	∅	∅	ʃau ²¹	ʃau ³¹	ʃau ³¹
2388 (“the bean”)	∅	∅	∅	mji ⁵¹ nu ^{ʔ21}	məi ⁵⁵ nau ^{ʔ31}	mjik ³¹ nauk ³¹
2498 (“the dance”)	∅	∅	∅	mə ²¹ khon ⁵¹	mə ³¹ khon ⁵⁵	mə ³¹ khon ⁵⁵
2551 (“the forehead”)	∅	∅	∅	ŋɛ ²¹ laŋ ²¹	ŋə ³¹ lɔ ³¹	ŋa ³⁵ lɔ ³¹
2604 (“the hat”)	∅	∅	∅	mu ^{ʔ21} kjup ⁵⁵	mau ^{ʔ31} kjap ⁵⁵	mauk ³¹ kjap ⁵⁵
2712 (“the plow”)	∅	∅	∅	li ²¹	li ³¹	li ³¹
2752 (“the shadow”)	∅	∅	∅	vup ²¹ tso ²¹	γap ³¹ ta ³¹	γap ³¹ tsɔ ³⁵
3044 (“to split”)	∅	∅	∅	ko ^{ʔ21}	ka ^{ʔ31}	ka ^{ʔ31}
22 (“to vomit”)	∅	∅	∅	∅	tau ^{ʔ31}	tau ³¹
77 (“the belly”)	∅	∅	∅	∅	vɛ ³¹ tau ³¹	vɛ ³⁵ tuk ³¹
454 (“outside”)	∅	∅	∅	∅	və ³¹ kau ^{ʔ31}	və ³¹ kau ^{ʔ35}
525 (“the beard”)	∅	∅	∅	∅	nɔ ^{ʔ55} mə ³¹	nat ⁵⁵ mɔi ³¹
2069 (“collapse / cave in / fall down (v.)”)	∅	∅	∅	∅	kjə ^{ʔ31}	kjə ^{ʔ31}
2640 (“the leech”)	∅	∅	∅	∅	təŋ ³¹ pjen ³¹	təŋ ³¹ pjen ³¹
2641 (“the leech”)	∅	∅	∅	∅	təŋ ³¹ pjen ³¹	təŋ ³¹ pjen ³¹
2802 (“the stone”)	∅	∅	∅	∅	lau ^{ʔ31} taŋ ³¹	lau ³¹ tsaŋ ³¹
2813 (“the taste (something)”)	∅	∅	∅	∅	ta ³¹ vu ³⁵	tʃhaŋ ³¹
417 (“nine”)	kuivḥ	kau ³¹	kau ³¹	kau ²¹	kau ³¹	kuk ³¹
2276 (“to itch”)	a ¹ γāḥ ³ phyo ₂ k ⁴ a ¹ kro ₂ ³	jo ³¹	jo ³¹	jo ²¹	nak ⁵⁵ tʃam ³¹ ja ³¹	nak ⁵⁵ jo ³¹
2817 (“the tendon (sinew)”)		a ³¹ kzə ³¹	ku ³¹	ʃə ²¹ kji ²¹	ʃa ³⁵ kji ³¹	ʃə ³⁵ kji ³¹
39 (“the tail”)	mriḥ ³	∅	∅	ʃə ²¹ mji ²¹	ʃa ³⁵ mi ³¹	ʃə ³⁵ mji ³¹
2400 (“the bee”)	a ¹ mri ³	∅	∅	ʃə ²¹ mji ²¹	ʃa ³⁵ mi ³¹	ʃə ³⁵ mji ³¹
2359 (“the arrow”)	m ¹ la ³	m ^ʔ zua ³¹	mzɔ ³¹	lai ²¹ mjo ²¹	∅	la ³⁵ mjɔk ³¹
2581 (“the grandson”)	mriy ³	mi ³¹ tsɔ ³¹	mi ³¹	∅	məi ³¹ ta ³¹	mjik ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
836 (“to smell (perceive odor) [transitive]”)	namh ³	∅	∅	∅	∅	nɛ ³¹
2703 (“the pine”)	thanh ³ rüh ³	∅	∅	∅	∅	thaj ⁵⁵ xu ³¹

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
91 (“five”)	nāh	ŋɔ ³¹	ŋɔ ³¹	ŋo ²¹	ŋa ³¹	ŋɔ ⁵⁵
269 (“cloudy, be (sky) / overcast (v.)”)	muivh ³	mau ³¹ zau ³¹	mau ³¹ cau ³¹	mau ²¹ mjiŋ ⁵¹	mau ³¹ mjaŋ ⁵⁵	muk ⁵⁵ kum ³¹
380 (“to steal”)	khuiwḥ	xau ³¹	xau ³¹	khau ²¹	khau ³¹	khuk ⁵⁵
2006 (“ask / question (v.)”)	miy ³	ni ³¹	ni ³¹	mji ²¹	məi ³¹	mjik ⁵⁵
2614 (“the insect”)	puiv ³	pau ³¹	pau ³¹	pau ²¹	pau ³¹	puk ⁵⁵
2938 (“to cough”)	khyo ₂ nḥ ³	khzɔŋ ³¹	khzɔŋ ³¹	khjuŋ ²¹	khjaun ³⁵	khjaun ³⁵
	chuiwḥ ³	tʂhau ³¹	tʂhau ³¹	tsau ²¹	tau ³¹ tau ³¹	tsuk ⁵⁵
2103 (“difficult”)	∅	∅	∅	vui ²¹	yu ³¹	yuk ⁵⁵
2168 (“forget (v.)”)	∅	∅	∅	to ²¹ mji ⁵⁵	tǎ ³¹ məi ³¹	to ⁵⁵ mjik ⁵⁵
2369 (“the axe”)	∅	∅	∅	va ²¹ tsuŋ ²¹	vǎ ³¹ tsauŋ ³¹	vǎ ⁵⁵ tsauŋ ³¹
250 (“to give”)	piyh ³	∅	∅	pji ²¹	pi ³¹	pjik ⁵⁵
110 (“the bone”)	ruiwḥ	∅	∅	∅	ǰǎ ³⁵ u ³¹	ǰǎ ³⁵ yuk ⁵⁵
2701 (“the pine”)	thanh ³ rüh ³	∅	∅	thaj ²¹ mo ⁵⁵	∅	thaj ⁵⁵ xu ³¹
2608 (“the horn (woodwind)”)	∅	pe ³¹ xe ³¹	∅	kam ⁵¹ pji ²¹ khje ⁵⁵	∅	pji ⁵⁵ khje ³¹
2730 (“the rib”)	nam ² ruiv ³	∅	∅	∅	∅	ne ³¹ tʃhǎ ³⁵ yuk ⁵⁵
167 (“the goat”)	∅	∅	pa ² ³¹	∅	∅	tʃhat ⁵⁵ pe ² ⁵⁵
3057 (“to swim”)	∅	∅	∅	∅	γəi ⁵⁵ xɛ ² ³¹ xɛ ² ³¹	γək ³¹ xɛ ² ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
321 (“the beard”)	amuyh ³	a ³¹ mui ³¹	ɲɔ ² ⁵⁵ mui ³¹	ʃɔ ²¹ mau ⁵⁵	a ³¹ mau ³⁵	ʃɔ ³⁵ muk ⁵⁵
343 (“the smoke”)	khuiwḥ ³	ni ³¹ xau ³¹	ni ³¹ xau ³¹	mji ²¹ khau ²¹	tʃhi ³⁵	mji ²¹ khuk ⁵⁵
2304 (“snap / break (a stick) (v.)”)	khyuiv ³	khzau ³¹	khzau ³¹	khjui ²¹	khju ³⁵	khjuk ⁵⁵
2035 (“borrow (money) (v.)”)	khyiy ³	∅	∅	tʃi ²¹	tʃi ³⁵	tʃik ⁵⁵
2656 (“the medicine”)	chuiwḥ ³ chiy ³	∅	∅	tʃhi ²¹	mi ³¹ tʃhn ³⁵	tʃhik ⁵⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
445 ("the thigh")	∅	∅	∅	taŋ ²¹ pau ⁵⁵	tɕ ³⁵ pau ³¹	tɕ ⁵⁵ puk ⁵⁵
2837 ("the urine")	∅	∅	∅	i ²¹	i ³⁵	ik ⁵⁵
2874 ("the widow")	∅	∅	∅	tʃhui ²¹ mo ⁵⁵	tʃhu ³⁵ ma ³¹	tʃhuk ⁵⁵ mo ⁵⁵
2541 ("the finger")	∅	lɔ ⁷⁵⁵ ŋau ³¹	lɔ ⁷⁵⁵ ŋiau ³¹	lo ⁷²¹ ŋjui ²¹	mi ³⁵ la ⁷³¹ ŋjuŋ ³⁵	lɔ ⁷³¹ ŋjuk ⁵⁵
3080 ("to wash")	chiyḥ	∅	tshi ³¹	tʃhi ²¹	tʃhi ³⁵	tʃhik ⁵⁵

139.6 55.55.55.51.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
75 ("the frost")	chi ³ nhañḥ ³	ŋan ⁵⁵	ŋan ⁵⁵	ŋan ⁵¹ thuŋ ²¹	ŋɕ ⁵⁵	ŋaŋ ³¹
319 ("good")	yo ² k ⁴ kyāḥ ³	i ³¹ tci ⁵⁵	ju ⁷³¹ ce ⁵⁵	ju ⁷²¹ ke ⁵¹ tso ²¹	jau ⁷³¹ kai ⁵⁵	jauk ³¹ kai ³¹
242 ("thou [second person singular]")	ñañḥ ³	nuaŋ ⁵⁵	nɔŋ ⁵⁵	naŋ ⁵¹	nɔ ⁵⁵	nɔ ³¹

139.7 55.31.31.21.55.31

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
97 ("three")	sumḥ ³	sum ³¹	sum ³¹	sum ²¹	sam ⁵⁵	sam ³¹

139.8 55.31.31.21.35.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2531 ("the excrement")	khliy ³	tchi ³¹	khu ³¹	khji ²¹ pham ²¹	khji ³⁵	khjik ⁵⁵

139.9 55.31.55.21.31.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
210 ("the wife")	samiḥ ³	ni ³¹ mo ⁷³¹	ni ⁵⁵ mo ³¹	mji ²¹ ve ²¹	mi ³¹ ye ³¹	mji ³⁵ ye ³⁵
517 ("the ash")	∅	nā ³¹ zap ³⁵	ŋ ⁵⁵ pui ³¹	∅	∅	nji ³⁵ map ⁵⁵

139.10 55.31.31.55.35.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
421 ("the salt")	chāḥ ³	tcho ³¹	cho ³¹	tsho ⁵⁵	tha ³⁵	tsho ³⁵
65 ("near")	∅	∅	∅	tjaŋ ⁵⁵	tʃɕ ³⁵	tʃɕ ³⁵
2355 ("the arm")	∅	∅	∅	lo ⁷²¹ pu ⁵⁵	la ⁷³¹ pu ³⁵	lɔ ⁷³¹ pau ³⁵

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2525 (“the elbow”)	∅	∅	∅	loʔ ²¹ mun ⁵⁵ thuɿ ⁵⁵ tshum ⁵¹	laʔ ³¹ mɔŋ ³⁵ tʃhɔ̃ ³⁵ thauŋ ³¹	lɔʔ ³¹ mat ⁵⁵ thauŋ ³⁵ thɔ̃ ³¹
2554 (“the friend”)	∅	∅	a ³¹ tʃhaŋ ³¹	phji ²¹ tsum ⁵⁵	∅	pjiŋ ³¹ tʃhɔ̃ ³⁵
2596 (“the half”)	∅	∅	pan ³¹	pan ⁵⁵	∅	pan ³⁵
216 (“the wood (material)”)	∅	∅	∅	sik ⁵⁵ tum ⁵⁵	sak ⁵⁵ tam ³⁵	∅
2356 (“the elbow”)	lak ⁴ mo ₂ ŋ ³	∅	∅	loʔ ²¹ mun ⁵⁵ thuɿ ⁵⁵ tshum ⁵¹	∅	∅

139.11 55.31.51.21.31.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
222 (“the seed”)	myuivh ³ ciyʔ	a ³¹ nau ³¹	a ³¹ ɲau ⁵¹	a ²¹ mji ²¹	a ³¹ mjuŋ ³¹	mjuk ⁵⁵
2524 (“the west”)	∅	ni ³¹ mo ³¹ ŋ ⁵⁵ pa ³¹	n ⁵⁵ mo ⁵¹ ŋ ⁵⁵ pa ³¹	∅	∅	∅

139.12 55.55.55.51.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
66 (“there”)	∅	the ⁵⁵ thoʔ ⁵⁵	the ⁵⁵ thoʔ ⁵⁵	∅	thɔ̃ ⁵⁵ mɛ ⁵⁵	tho ⁵⁵ mɛ ³¹
2725 (“the rabbit”)	∅	pzaŋ ⁵⁵ tai ⁵⁵	pzaŋ ³¹ tai ⁵⁵	paŋ ⁵⁵ tai ⁵¹	paŋ ³¹ tai ⁵⁵	paŋ ³⁵ tai ⁵⁵
164 (“the skin”)	riy	a ³¹ zɪ ⁵⁵	ɲut ⁵⁵ zɪ ⁵⁵	∅	∅	∅
107 (“the skin”)	ariy	∅	a ³¹ zɪ ⁵⁵	∅	∅	∅

139.13 55.35.31.21.35.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2114 (“dull”)	tum ³	təm ³⁵	tum ³¹	tum ²¹	∅	tam ³⁵
2328 (“sweat”)	khyuy ³	a ³¹ xə ³⁵	∅	∅	pau ³¹ kjə ³⁵	pau ³¹ kjə ³⁵
2834 (“the urine”)	chiŋ ³	kä ³¹ tʃhə ³⁵	∅	∅	∅	∅

139.14 55.55.35.55.31.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2503 (“the day”)	niy ¹ khañh ³	∅	nai ³⁵ tsin ³⁵	ŋji ⁵⁵ khjuj ⁵⁵	ŋji ³⁵ kaun ³¹	∅
159 (“you [second person plural]”)	∅	nuaj ⁵⁵ tu ³¹	∅	nuŋ ⁵⁵ mo ⁷⁵⁵	naun ³¹ ma ⁷³¹	nɔ̃ ³¹ naun ⁵⁵

139.15 55.55.51.51.55.55

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2774 ("the dance")	si ² khyañḥ ³	∅	∅	mǎ ²¹ khon ⁵¹	mǎ ³¹ khon ⁵⁵	mǎ ³¹ khon ⁵⁵
2895 ("thin (object)")	∅	ni ⁵⁵	ɲe ⁵¹	∅	ɲai ⁵⁵	ɲai ⁵⁵

139.16 55.55.35.21.31.35

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
2360 ("the arrow")	liy ³	∅	xo ³¹ lai ³⁵	lai ²¹	li ³¹	la ³⁵
2131 ("expand / swell (v.)")	∅	∅	phen ³⁵	pom ²¹ to ⁷⁵⁵	taŋ ³⁵ paun ³¹	paun ³⁵
340 ("to fight")	∅	tek ⁵⁵ ko ³¹	ta ³⁵ ko ³⁵	∅	∅	∅
2012 ("bald")	∅	liŋ ⁵⁵	liŋ ³⁵	∅	∅	∅

139.17 55:∅:∅:∅:∅:∅

	OBurm	Acha-LC	Xdao	Atsi	Bola	Maru
272 ("to play")	ka ¹ cāḥ ³	∅	∅	∅	∅	∅
2481 ("the cooked rice")	tha ³ manḥ ³	∅	∅	∅	∅	∅