

## Initial Correspondence

*Initial: -:l:l*

	Maru	OBurm	Bola
warm	–	<b>lum</b> *lum	<b>lam</b> <sup>55</sup>

*Initial: -:ph:ph*

	Maru	OBurm	Bola
patch (clothing)	–	<b>pha</b> *pa, *ʔpa, *ʔpa	<b>pha</b> <sup>55</sup> *pa

*Initial: -:ŋ:ŋ*

	Maru	OBurm	Bola
salty	–	<b>nan</b> *ŋan	<b>ne</b> <sup>55</sup> *ŋam, *ŋan

*Initial: -:p:ʔj*

	Maru	OBurm	Bola
shrivel up / wither	–	<b>nhuiwɰ</b> *ʔpuH, *ʔpuH	<b>ɲju</b> <sup>35</sup>

*Initial: k:-:k*

	Maru	OBurm	Bola
stupid	<b>kɔ</b> <sup>31</sup> *ga	–	<b>ka</b> <sup>55</sup> *ga
cover / hide from view	<b>kɔ</b> <sup>31</sup> *ga	–	<b>ka</b> <sup>55</sup> *ga
persimmon	<b>kɔ</b> <sup>31</sup> *ga	–	<b>ka</b> <sup>55</sup> *ga
true	<b>kai</b> <sup>31</sup>	–	<b>kai</b> <sup>55</sup>

	Maru	OBurm	Bola
crack / rift / fissure	*gai <b>kɔʔ<sup>31</sup></b>	–	*gai <b>kaʔ<sup>31</sup></b>
trunk	*gak <b>kɛ<sup>31</sup></b>	–	*gak <b>kɛ̃<sup>55</sup></b>
divide family property and live apart (offspring)	*gam <b>kɛ<sup>31</sup></b>	–	*gam, *gan <b>kɛ̃<sup>55</sup></b>
midnight	*gam <b>kɛ<sup>31</sup></b>	–	*gam, *gan <b>kɛ̃<sup>55</sup></b>
classifier for trees	*gam <b>kɛ<sup>31</sup></b>	–	*gam, *gan <b>kɛ̃<sup>55</sup></b>
loom	*gam <b>kaŋ<sup>35</sup></b>	–	*gam, *gan <b>kɛ̃<sup>31</sup></b>
warm oneself by (a fire)	*ganH, *giŋH <b>kɔ̃<sup>31</sup></b>	–	*gamH, *ganH <b>kɔ̃<sup>55</sup></b>
life span	*gaŋ <b>kɔ̃<sup>31</sup></b>	–	*gaŋ <b>kɔ̃<sup>55</sup></b>
chest	*gaŋ <b>kɔ̃<sup>31</sup></b>	–	*gaŋ <b>kɔ̃<sup>55</sup></b>
solid	*gaŋ <b>kaŋ<sup>35</sup></b>	–	*gaŋ <b>kaŋ<sup>31</sup></b>
pick up	*ganH, *giŋH <b>kauk<sup>31</sup></b>	–	*giŋH <b>kauʔ<sup>31</sup></b>
	*guk		

*Initial: k:k:k*

	Maru	OBurm	Bola
spider	<b>kɔ̃<sup>35</sup></b>	<b>ku</b>	<b>kɔ̃<sup>31</sup></b>
prize / pry	*gaŋH <b>kak<sup>31</sup></b>	*gu <b>kanʔ</b>	*gaŋH <b>kak<sup>31</sup></b>
nine	*gik <b>kuk<sup>31</sup></b>	*ganX <b>kuiwḥ</b>	*gik <b>kau<sup>31</sup></b>
rice (paddy)	*gu, *guH, *guX <b>kauk<sup>31</sup></b>	*guH <b>ko<sub>2</sub>k</b>	*guH <b>kauʔ<sup>31</sup></b>
	*guk	*guk	

*Initial: k:t:k*

	Maru	OBurm	Bola
rainbow	<b>kaŋ<sup>35</sup></b>	<b>tam</b>	<b>kɛ̃<sup>31</sup></b>
	*ganH, *giŋH	*dam	*gamH, *ganH

*Initial: kh:-:kh*

	Maru	OBurm	Bola
cut / rip open	<b>khɔʔ</b> <sup>55</sup> *kak	–	<b>khaʔ</b> <sup>55</sup> *kak
blade (of grass)	<b>kheʔ</b> <sup>55</sup> *kap, *kat	–	<b>kheʔ</b> <sup>55</sup> *kap, *kat
chase after	<b>kheʔ</b> <sup>55</sup> *kap, *kat	–	<b>kheʔ</b> <sup>55</sup> *kap, *kat
respective / individual / each	<b>khak</b> <sup>55</sup> *kik	–	<b>khak</b> <sup>55</sup> *kik
cucumber	<b>khɯ</b> <sup>35</sup> *koH	–	<b>khɔ</b> <sup>31</sup>
emperor	<b>khɔ</b> <sup>35</sup> *kaH	–	<b>khɔ</b> <sup>35</sup>
inside	<b>khuk</b> <sup>31</sup>	–	<b>khau</b> <sup>55</sup> *ku

*Initial: kh:kh:kh*

	Maru	OBurm	Bola
fetch / draw (water)	<b>khẽ</b> <sup>31</sup> *kam	<b>khap</b> *ʔkap, *ʔkap, *kap	<b>khẽ</b> <sup>55</sup> *kam, *kan
bitter	<b>khɔ</b> <sup>35</sup> *kaH	<b>khaḥ</b> *ʔkaH, *ʔkaH, *kaH	<b>kha</b> <sup>35</sup> *kaX
gnaw / nibble	<b>khai</b> <sup>35</sup> *kaiH	<b>khayḥ</b> *ʔkaiH, *ʔkaiH, *kaiH	<b>khai</b> <sup>35</sup> *kaiX
steal	<b>khuk</b> <sup>55</sup> *ku, *kuH, *kuX	<b>khuiwḥ</b> *ʔkuH, *ʔkuH, *kuH	<b>khau</b> <sup>31</sup> *kuH
dog	<b>kha</b> <sup>35</sup>	<b>khuyḥ</b> *ʔkuiH, *ʔkuiH, *kuiH	<b>khui</b> <sup>35</sup> *kuiX

*Initial: khj:-:khj*

	Maru	OBurm	Bola
classifier for bowls	<b>khjeʔ</b> <sup>55</sup> *kjap, *kjat, *krap, *krat, *klap, *klat	–	<b>khjeʔ</b> <sup>55</sup> *kjap, *kjat, *krap, *krat, *klap, *klat
classifier for rope	<b>khjeʔ</b> <sup>55</sup> *kjap, *kjat, *krap, *krat, *klap, *klat	–	<b>khjeʔ</b> <sup>55</sup> *kjap, *kjat, *krap, *krat, *klap, *klat
ear	<b>khjeʔ</b> <sup>55</sup>	–	<b>khj</b> <sup>55</sup>

	Maru	OBurm	Bola
page	*kjap, *kjat, *krap, *krat, *klap, *klat <b>khjeʔ</b> <sup>55</sup>	–	<b>khjeʔ</b> <sup>55</sup>
sheet (of paper)	*kjap, *kjat, *krap, *krat, *klap, *klat <b>khjeʔ</b> <sup>55</sup>	–	*kjap, *kjat, *krap, *krat, *klap, *klat <b>khjeʔ</b> <sup>55</sup>
rafter (of building)	*kjap, *kjat, *krap, *krat, *klap, *klat <b>khj̃</b> <sup>31</sup>	–	*kjap, *kjat, *krap, *krat, *klap, *klat <b>khj̃</b> <sup>55</sup>
puttee	*kjaŋ, *kraŋ, *klaŋ <b>khjik</b> <sup>31</sup>	–	*kjaŋ, *kraŋ, *klaŋ <b>khji</b> <sup>55</sup>
hoof (note: +even <sub>t</sub> oed)	<b>khjik</b> <sup>31</sup>	–	*kji, *kje, *kri, *kre, *kli, *kle <b>khji</b> <sup>55</sup>
rescue / save	<b>khji</b> <sup>31</sup> *kje, *kre, *kle	–	*kji, *kje, *kri, *kre, *kli, *kle <b>khji</b> <sup>55</sup>
locust	<b>khjak</b> <sup>55</sup>	–	*kli, *kle <b>khjak</b> <sup>55</sup>
lay (eggs)	*kjik, *krik, *klik <b>khj̃</b> <sup>55</sup>	–	*kjik, *krik, *klik <b>khja</b> <sup>35</sup>
garden (plot)	*kjaX, *kraX, *klaX <b>khjē</b> <sup>31</sup>	–	*kjaX, *kraX, *klaX <b>khjē</b> <sup>55</sup>
that side / there	*kjam, *kram, *klam <b>khj̃</b> <sup>31</sup>	–	*kjam, *kjan, *kram, *kran, *klam, *klan <b>khja</b> <sup>55</sup>
road	*kja, *kra, *kla <b>khj̃</b> <sup>31</sup>	–	*kja, *kra, *kla <b>khja</b> <sup>55</sup>
goose	*kja, *kra, *kla <b>khj̃</b> <sup>55</sup>	–	*kja, *kra, *kla <b>khj̃</b> <sup>35</sup>
blow (one's nose)	*kjaŋX, *kraŋX, *klaŋX <b>khjuk</b> <sup>55</sup>	–	*kjaŋX, *kraŋX, *klaŋX <b>khju</b> <sup>35</sup>
buckwheat	*kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX <b>khjau</b> <sup>31</sup>	–	<b>khjau</b> <sup>31</sup> *kjuH, *kruH, *kluH

Initial: khj:-:p

	Maru	OBurm	Bola
onion / scallion	<b>khjaun</b> <sup>35</sup> *kjuŋH, *kruŋH, *kluŋH	–	<b>paun</b> <sup>31</sup>

Initial: *khj:khj:khj*

	Maru	OBurm	Bola
snap / break (a stick)	<b><i>khjuk</i></b> <sup>55</sup> *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	<b><i>khyuiwḥ</i></b> *ʔkjuH, *ʔkjuH, *kjuH	<b><i>khju</i></b> <sup>35</sup>
horn	<b><i>khjuk</i></b> <sup>31</sup>	<b><i>khyuiw</i></b> *ʔkju, *ʔkju, *kju	<b><i>khju</i></b> <sup>55</sup>
cough	<b><i>khjaun</i></b> <sup>35</sup> *kjuŋH, *kruŋH, *klunH	<b><i>khyo<sub>2</sub>nḥ</i></b> *ʔkjuŋH, *ʔkjuŋH, *kjuŋH	<b><i>khjaun</i></b> <sup>35</sup>

Initial: *khj:khj:khj*

	Maru	OBurm	Bola
excrement	<b><i>khjik</i></b> <sup>55</sup> *kji, *kjiH, *kjiX, *kri, *kriH, *kriX, *kli, *kliH, *kliX	<b><i>khliyḥ</i></b> *ʔkliH, *ʔkliH, *kliH	<b><i>khji</i></b> <sup>35</sup> *kjiX, *kjeX, *kriX, *kreX, *kliX, *kleX
sew (up)	<b><i>khjap</i></b> <sup>55</sup> *kjup, *kjip, *krup, *krip, *klup, *klip	<b><i>khilup</i></b> *ʔklup, *ʔklup, *klup	<b><i>khjap</i></b> <sup>55</sup>

Initial: *khj:khj:khj*

	Maru	OBurm	Bola
six	<b><i>khjauk</i></b> <sup>55</sup> *kjuk, *kruk, *kluk	<b><i>khro<sub>2</sub>k</i></b> *ʔkruk, *ʔkruk, *kruk	<b><i>khjau?</i></b> <sup>55</sup>

Initial: *kj:-:kj*

	Maru	OBurm	Bola
downstairs	<b><i>kjē</i></b> <sup>35</sup> *gjamH, *gramH, *glamH	–	<b><i>kjē</i></b> <sup>31</sup> *gjamH, *gjanH, *gramH, *granH, *glamH, *glanH
monk	<b><i>kji</i></b> <sup>31</sup> *gje, *gre, *gle	–	<b><i>kji</i></b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
soldier	<b><i>kje</i></b> <sup>31</sup>	–	<b><i>kje</i></b> <sup>55</sup>

	Maru	OBurm	Bola
team (of oxen)	*gje, *gre, *gle <b>kja</b> <sup>35</sup>	–	*gje, *gre, *gle <b>kja</b> <sup>35</sup>
cold (weather, water)	<b>kjaʔ</b> <sup>31</sup>	–	*gjaX, *graX, *glaX <b>kjaʔ</b> <sup>31</sup>
thinner, get (body)	*gjak, *grak, *glak <b>kji</b> <sup>55</sup>	–	*gjak, *grak, *glak <b>kji</b> <sup>35</sup>
copper (note:+red)	*gjeX, *greX, *gleX <b>kjik</b> <sup>55</sup>	–	*gjiX, *gjeX, *griX, *greX, *gliX, *gleX <b>kji</b> <sup>31</sup>
eaten one's fill, have	<b>kji</b> <sup>35</sup>	–	*gjiH, *gjeH, *griH, *greH, *gliH, *gleH <b>kji</b> <sup>31</sup>
rust	*gjeH, *greH, *gleH <b>kjik</b> <sup>55</sup>	–	*gjiH, *gjeH, *griH, *greH, *gliH, *gleH <b>kji</b> <sup>31</sup>
clear (water)	<b>kjaŋ</b> <sup>35</sup>	–	*gjiH, *gjeH, *griH, *greH, *gliH, *gleH <b>kjaŋ</b> <sup>31</sup>
	*gjinH, *grinH, *glinH		*gjinH, *grinH, *glinH

*Initial: kj:-pj*

	Maru	OBurm	Bola
fall down (a house) / collapse	<b>kjəʔ</b> <sup>31</sup>	–	<b>pjaʔ</b> <sup>31</sup> *bjak, *brak, *blak

*Initial: kj:kj:kj*

	Maru	OBurm	Bola
drop	<b>kja</b> <sup>55</sup>	<b>kyaʔ</b>	<b>kja</b> <sup>35</sup>
	*gjaX, *graX, *glaX	*gjaX	*gjaX, *graX, *glaX

*Initial: kj:kr:kj*

	Maru	OBurm	Bola
hear	<b>kja</b> <sup>35</sup>	<b>kraḥ</b>	<b>kja</b> <sup>31</sup>
tendon / sinew	*gjaH, *graH, *glaH <b>kji</b> <sup>31</sup>	*graH <b>kro₂ḥ</b>	*gjaH, *graH, *glaH <b>kji</b> <sup>31</sup>
afraid, be	*gje, *gre, *gle <b>kjauk</b> <sup>31</sup>	<b>kro₂k</b>	*gjiH, *gjeH, *griH, *greH, *gliH, *gleH <b>kjauʔ</b> <sup>31</sup>

	Maru	OBurm	Bola
	*gjuk, *gruk, *gluk	*gruk	

*Initial: kjh:khr:khj*

	Maru	OBurm	Bola
thread	<b><i>kjhaŋ</i></b> <sup>31</sup>	<b><i>khrañ</i></b>	<b><i>khjaŋ</i></b> <sup>55</sup>
		*ʔkriŋ, *ʔkriŋ, *kriŋ	*kjiŋ, *kriŋ, *kliŋ

*Initial: l:-l*

	Maru	OBurm	Bola
donkey	<b><i>lɔ</i></b> <sup>31</sup>	–	<b><i>lɔ</i></b> <sup>31</sup>
	*la		
leopard / panther	<b><i>lɔ</i></b> <sup>35</sup>	–	<b><i>la</i></b> <sup>31</sup>
	*laH		*laH
stallion	<b><i>lɔ</i></b> <sup>35</sup>	–	<b><i>la</i></b> <sup>31</sup>
	*laH		*laH
cat	<b><i>lɔ̃</i></b> <sup>31</sup>	–	<b><i>lɔ̃</i></b> <sup>31</sup>
return	<b><i>lɔ</i></b> <sup>55</sup>	–	<b><i>la</i></b> <sup>35</sup>
	*laX		*laX
spacious / commodious	<b><i>lɛ</i></b> <sup>31</sup>	–	<b><i>lɛ</i></b> <sup>55</sup>
	*lam		*lam, *lan
fathom	<b><i>lɛ</i></b> <sup>31</sup>	–	<b><i>lɛ</i></b> <sup>55</sup>
	*lam		*lam, *lan
snake	<b><i>lɔ̃</i></b> <sup>31</sup>	–	<b><i>lɔ̃</i></b> <sup>55</sup>
	*laŋ		*laŋ
river	<b><i>lɔ̃</i></b> <sup>31</sup>	–	<b><i>lɔ̃</i></b> <sup>55</sup>
	*laŋ		*laŋ
pull / tug	<b><i>lɔ̃</i></b> <sup>35</sup>	–	<b><i>lɔ̃</i></b> <sup>31</sup>
	*laŋH		*laŋH
well	<b><i>lɔ̃</i></b> <sup>35</sup>	–	<b><i>lɔ̃</i></b> <sup>31</sup>
	*laŋH		*laŋH
hail	<b><i>lak</i></b> <sup>31</sup>	–	<b><i>lak</i></b> <sup>31</sup>
	*lik		*lik
rely / lean on	<b><i>lam</i></b> <sup>31</sup>	–	<b><i>lam</i></b> <sup>55</sup>
	*lum, *lim		
fall over / down	<b><i>laŋ</i></b> <sup>35</sup>	–	<b><i>laŋ</i></b> <sup>31</sup>
	*liŋH		*liŋH
classifier for brooms	<b><i>lam</i></b> <sup>35</sup>	–	<b><i>lam</i></b> <sup>31</sup>
	*lumH, *limH		
head	<b><i>lam</i></b> <sup>35</sup>	–	<b><i>lam</i></b> <sup>31</sup>

	Maru	OBurm	Bola
	*lumH, *limH		

*Initial: l:kl:l*

	Maru	OBurm	Bola
tiger	<b>lɔ</b> <sup>35</sup> *laH	<b>klah</b> *glaH	<b>la</b> <sup>31</sup> *laH

*Initial: l:l:l*

	Maru	OBurm	Bola
come	<b>lɔ</b> <sup>31</sup> *la	<b>la</b> *la	<b>la</b> <sup>55</sup> *la
finger	<b>lɔʔ</b> <sup>31</sup> *lak	<b>lak</b> *lak	<b>laʔ</b> <sup>31</sup> *lak
husband	<b>lɔ</b> <sup>31</sup> *laŋ	<b>lañ</b> *laŋ	<b>lɔ</b> <sup>55</sup> *laŋ
wait	<b>lɔ</b> <sup>55</sup> *laŋX	<b>lañ?</b> *laŋX	<b>lɔ</b> <sup>35</sup> *laŋX
wind	<b>la</b> <sup>31</sup> *li	<b>liy</b> *li	<b>li</b> <sup>55</sup> *li, *le
bow (for arrow)	<b>la</b> <sup>35</sup> *liH	<b>liyḥ</b> *liH	<b>li</b> <sup>31</sup> *liH, *leH
heavy	<b>la</b> <sup>35</sup> *liH	<b>liyḥ</b> *liH	<b>li</b> <sup>31</sup> *liH, *leH
neck	<b>laŋ</b> <sup>31</sup> *liŋ	<b>lañ</b> *liŋ	<b>laŋ</b> <sup>55</sup> *liŋ
lie down	<b>laŋ</b> <sup>35</sup> *liŋH	<b>lañḥ</b> *liŋH	<b>laŋ</b> <sup>35</sup> *liŋX
roll	<b>laŋ</b> <sup>55</sup> *liŋX	<b>lim?</b> *limX	<b>laŋ</b> <sup>35</sup> *liŋX
heart	<b>lam</b> <sup>35</sup> *lumH, *limH	<b>lumḥ</b> *lumH	<b>lam</b> <sup>31</sup>

*Initial: lu:-:l*

	Maru	OBurm	Bola
grind (flour)	<b>lui</b> <sup>35</sup> *luiH	–	<b>lui</b> <sup>35</sup> *luiX
millstones	<b>lui</b> <sup>35</sup> *luiH	–	<b>lui</b> <sup>35</sup> *luiX



*Initial: m:-m*

	Maru	OBurm	Bola
thumb	<b>mɔ̃</b> <sup>55</sup> *maX	—	<b>ma</b> <sup>35</sup> *maX
we all	<b>mɔʔ</b> <sup>55</sup>	—	<b>maʔ</b> <sup>31</sup> *mak
accustomed to, be / habit of, haveve	<b>məŋ</b> <sup>55</sup> *manX	—	<b>mɛ̃</b> <sup>35</sup> *mamX, *manX
coal	<b>mɛʔ</b> <sup>31</sup> *map, *mat	—	<b>mɛʔ</b> <sup>31</sup> *map, *mat
ink (Chinese)	<b>mɛʔ</b> <sup>31</sup> *map, *mat	—	<b>mɛʔ</b> <sup>31</sup> *map, *mat
corpse	<b>mɔ̃</b> <sup>31</sup> *maŋ	—	<b>mɔ̃</b> <sup>55</sup> *maŋ
dragon	<b>mɔ̃</b> <sup>31</sup> *maŋ	—	<b>mɔ̃</b> <sup>55</sup> *maŋ
gong	<b>mɔ̃</b> <sup>55</sup> *maŋX	—	<b>mɔ̃</b> <sup>35</sup> *maŋX
tangerine	<b>mak</b> <sup>31</sup> *mik	—	<b>mak</b> <sup>31</sup> *mik
paper	<b>muk</b> <sup>31</sup> *mu, *muH, *muX	—	<b>mau</b> <sup>31</sup> *muH

*Initial: m:m:m*

	Maru	OBurm	Bola
widow	<b>mɔ̃</b> <sup>55</sup> *maX	<b>maʔ</b> *maX	<b>ma</b> <sup>31</sup> *maH
son-in-law	<b>mɔʔ</b> <sup>31</sup> *mak	<b>mak</b> *mak	<b>maʔ</b> <sup>55</sup>
dream	<b>mɔʔ</b> <sup>31</sup> *mak	<b>mak</b> *mak	<b>maʔ</b> <sup>55</sup>
old / elderly	<b>mɔ̃</b> <sup>35</sup> *maŋH	<b>mañh</b> *maŋH	<b>mɔ̃</b> <sup>31</sup> *maŋH
hate	<b>mai</b> <sup>35</sup> *maiH	<b>munh</b>	<b>mai</b> <sup>31</sup> *maiH
name	<b>maŋ</b> <sup>31</sup> *miŋ	<b>mañ</b> *miŋ	<b>maŋ</b> <sup>55</sup> *miŋ
thunder	<b>muk</b> <sup>55</sup>	<b>muiwḥ</b> *muH	<b>mau</b> <sup>31</sup> *muH
feather / plume	<b>muk</b> <sup>55</sup>	<b>muyḥ</b> *muiH	<b>mau</b> <sup>35</sup> *muX

*Initial: m:m:m*

	Maru	OBurm	Bola
mushroom	<b><i>muk</i></b> <sup>31</sup> *mu, *muH, *muX	<b><i>mhuiw</i></b> *ʔmu, *ʔmu	<b><i>mau</i></b> <sup>55</sup> *mu

*Initial: mj:-:m*

	Maru	OBurm	Bola
marry	<b><i>mji</i></b> <sup>35</sup> *mjeH, *mreH, *mleH	–	<b><i>mi</i></b> <sup>31</sup> *miH, *meH

*Initial: mj:-:mj*

	Maru	OBurm	Bola
mirror	<b><i>mjoʔ</i></b> <sup>31</sup>	–	<b><i>mjaʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak
winter	<b><i>mjo</i></b> <sup>31</sup> *mja, *mra, *mla	–	<b><i>mja</i></b> <sup>55</sup> *mja, *mra, *mla
meow	<b><i>mjaŋ</i></b> <sup>31</sup> *mjiŋ, *mriŋ, *mliŋ	–	<b><i>mjaŋ</i></b> <sup>55</sup> *mjiŋ, *mriŋ, *mliŋ

*Initial: mj:m:m*

	Maru	OBurm	Bola
ask / question	<b><i>mjik</i></b> <sup>55</sup>	<b><i>miyḥ</i></b> *miH	<b><i>mæi</i></b> <sup>31</sup>
fire	<b><i>mji</i></b> <sup>35</sup>	<b><i>miḥ</i></b> *meH, *mɛH	<b><i>mi</i></b> <sup>31</sup> *miH, *meH

*Initial: mj:mj:mj*

	Maru	OBurm	Bola
eye	<b><i>mjoʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak	<b><i>myak</i></b> *mjak	<b><i>mjaʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak
swallow	<b><i>mjuk</i></b> <sup>31</sup> *mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX	<b><i>myuiw</i></b> *mju	<b><i>mjuŋ</i></b> <sup>55</sup> *mjuŋ, *mruŋ, *mluŋ
monkey	<b><i>mjauk</i></b> <sup>31</sup>	<b><i>myo<sub>2</sub>k</i></b>	<b><i>mjaʔ</i></b> <sup>31</sup>

	Maru	OBurm	Bola
many / much	*mjuk, *mruk, *mluk <b>mjo</b> <sup>35</sup> *mjaH, *mraH, *mlaH	*mjuk <b>myaḥ</b> *mjaH	<b>mja</b> <sup>31</sup> *mjaH, *mraH, *mlaH

*Initial: mj:ml:m*

	Maru	OBurm	Bola
peanut	<b>mjik</b> <sup>31</sup> *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	<b>mliy</b> *mli	<b>məi</b> <sup>55</sup>
grandson	<b>mjik</b> <sup>31</sup> *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	<b>mliyḥ</b> *mliH	<b>məi</b> <sup>31</sup>

*Initial: mj:mr:mj*

	Maru	OBurm	Bola
see	<b>mjō</b> <sup>31</sup> *mjaŋ, *mraŋ, *mlaŋ	<b>mrañ</b> *mraŋ	<b>mjō</b> <sup>55</sup> *mjaŋ, *mraŋ, *mlaŋ
horse	<b>mjō</b> <sup>35</sup> *mjaŋH, *mraŋH, *mlaŋH	<b>mrañḥ</b> *mraŋH	<b>mjō</b> <sup>31</sup> *mjaŋH, *mraŋH, *mlaŋH

*Initial: mj:m̥:mj*

	Maru	OBurm	Bola
face	<b>mjoʔ</b> <sup>31</sup> *mjak, *mrak, *mlak	<b>mho<sub>2</sub>k</b> *ʔmuk, *ʔmuk	<b>mjaʔ</b> <sup>31</sup> *mjak, *mrak, *mlak

*Initial: n:-:n*

	Maru	OBurm	Bola
chick	<b>nau</b> <sup>55</sup>	—	<b>nɔ</b> <sup>35</sup>
patient	<b>nɔ</b> <sup>31</sup> *na	—	<b>na</b> <sup>55</sup> *na
plowshare	<b>nə</b> <sup>31</sup>	—	<b>na</b> <sup>55</sup> *na

	Maru	OBurm	Bola
rest	<b>nɔ</b> <sup>35</sup>	–	<b>na</b> <sup>31</sup>
	*naH		*naH
aunt (father's sister)	<b>na</b> <sup>31</sup>	–	<b>nai</b> <sup>55</sup>
	*ni		*nai
early	<b>nɔʔ</b> <sup>55</sup>	–	<b>naʔ</b> <sup>55</sup>
shiver / tremble	<b>nəŋ</b> <sup>55</sup>	–	<b>nɛ̃</b> <sup>35</sup>
	*nanX		*namX, *nanX
tomorrow	<b>nɛʔ</b> <sup>31</sup>	–	<b>nɛʔ</b> <sup>31</sup>
	*nap, *nat		*nap, *nat
stamp (one's foot)	<b>nɔ̃</b> <sup>35</sup>	–	<b>nɔ̃</b> <sup>31</sup>
	*naŋH		*naŋH
plait	<b>nak</b> <sup>31</sup>	–	<b>nak</b> <sup>31</sup>
	*nik		*nik
agree / consent	<b>nuk</b> <sup>31</sup>	–	<b>nau</b> <sup>55</sup>
	*nu, *nuH, *nuX		*nu
joke / jest	<b>nuk</b> <sup>31</sup>	–	<b>nau</b> <sup>55</sup>
	*nu, *nuH, *nuX		*nu
baby	<b>nau</b> <sup>55</sup>	–	<b>nɔ</b> <sup>35</sup>

*Initial: n:-:ŋj*

	Maru	OBurm	Bola
be (in the house)	<b>na</b> <sup>31</sup>	–	<b>ŋji</b> <sup>55</sup>
	*ni		*ŋji, *ŋje, *ŋri, *ŋre, *ŋli, *ŋle

*Initial: n:-:ʔn*

	Maru	OBurm	Bola
ear / spike	<b>nɛ̃</b> <sup>31</sup>	–	<b>nɛ̃</b> <sup>55</sup>
	*nam		*ʔnam, *ʔnan

*Initial: n:n:n*

	Maru	OBurm	Bola
ill, to be	<b>nɔ</b> <sup>31</sup>	<b>na</b>	<b>na</b> <sup>55</sup>
	*na	*na	*na
black	<b>nɔʔ</b> <sup>31</sup>	<b>nak</b>	<b>naʔ</b> <sup>31</sup>
	*nak	*nak	*nak

	Maru	OBurm	Bola
deep	<b>nɔʔ<sup>31</sup></b> *nak	<b>nak</b> *nak	<b>naʔ<sup>31</sup></b> *nak
smell	<b>nɛ<sup>31</sup></b> *nam	<b>namḥ</b> *namH	<b>nɛ<sup>31</sup></b> *namH, *nanH
you	<b>nɔ̃<sup>31</sup></b> *naŋ	<b>nañ</b> *naŋ	<b>nɔ̃<sup>55</sup></b> *naŋ
milk	<b>nuk<sup>55</sup></b>	<b>nuiwʔ</b> *nuX	<b>nau<sup>35</sup></b> *nuX
red	<b>nɛ<sup>31</sup></b> *nɛ	<b>ni</b> *ne, *nɛ	<b>nɛ<sup>55</sup></b> *nɛ

*Initial: n:n:ŋj*

	Maru	OBurm	Bola
day (time)	<b>na<sup>55</sup></b> *niX	<b>niyʔ</b> *niX	<b>ŋji<sup>35</sup></b> *ŋjiX, *ŋjeX, *ŋriX, *ŋreX, *ŋliX, *ŋleX

*Initial: n:ŋ:ʔn*

	Maru	OBurm	Bola
ring in cow's nose used to lead it about	<b>nũŋ<sup>35</sup></b>	<b>nha</b> *ʔna, *ʔna	<b>na<sup>55</sup></b> *ʔna

*Initial: p:-:p*

	Maru	OBurm	Bola
year after next	<b>pə<sup>31</sup></b>	–	<b>pa<sup>55</sup></b> *ba
there is (water in the bowl)	<b>pɔ<sup>31</sup></b> *ba	–	<b>pa<sup>55</sup></b> *ba
fan (winnowing)	<b>pɔ<sup>55</sup></b> *baX	–	<b>pa<sup>35</sup></b> *baX
rake (the fields)	<b>pa<sup>35</sup></b>	–	<b>pa<sup>35</sup></b> *baX
accomplish / succeed	<b>pəŋ<sup>31</sup></b> *ban	–	<b>pɛ<sup>55</sup></b> *bam, *ban
all / whole, the	<b>pəŋ<sup>31</sup></b> *ban	–	<b>pɛ<sup>55</sup></b> *bam, *ban
bite	<b>pəŋ<sup>35</sup></b>	–	<b>pɛ<sup>31</sup></b>

	Maru	OBurm	Bola
strike (the table)	*banH <b>peɽ<sup>31</sup></b>	–	*bamH, *banH <b>peɽ<sup>31</sup></b>
beat / thump	*bap, *bat <b>peɽ<sup>31</sup></b>	–	*bap, *bat <b>peɽ<sup>31</sup></b>
fall over / down	*bap, *bat <b>peɽ<sup>31</sup></b>	–	*bap, *bat <b>peɽ<sup>31</sup></b>
fight	*bap, *bat <b>peɽ<sup>31</sup></b>	–	*bap, *bat <b>peɽ<sup>31</sup></b>
tears	*bap, *bat <b>pik<sup>31</sup></b>	–	*bap, *bat <b>pi<sup>55</sup></b>
come loose (shoelace)	*bi, *biH, *biX <b>pak<sup>31</sup></b>	–	*bi, *be <b>pai<sup>55</sup></b>
guest	*bik <b>paŋ<sup>55</sup></b>	–	<b>paŋ<sup>35</sup></b>
sister-in-law (elder brother's)	*biŋX <b>pai<sup>35</sup></b>	–	*biŋX <b>pai<sup>31</sup></b>
fabric (silk)	*baiH <b>puk<sup>55</sup></b>	–	*baiH <b>pau<sup>31</sup></b>
sweat	<b>pau<sup>31</sup></b>	–	*buH <b>pau<sup>31</sup></b>
date (time)	<b>pa<sup>31</sup></b>	–	*buH <b>pui<sup>55</sup></b>
hill / mountain	<b>pam<sup>31</sup></b>	–	*bui <b>pam<sup>55</sup></b>
steamer (of bamboo, for food)	*bum, *bim <b>pauŋ<sup>35</sup></b>	–	<b>pauŋ<sup>31</sup></b>
monk	*buŋH <b>puŋ<sup>31</sup></b>	–	<b>puŋ<sup>31</sup></b>
rice (glutinous)	<b>pauŋ<sup>35</sup></b> *buŋH	–	*buŋH <b>pauŋ<sup>31</sup></b>

*Initial: p:p:p*

	Maru	OBurm	Bola
flower	<b>pəŋ<sup>35</sup></b>	<b>panḥ</b>	<b>pē<sup>31</sup></b>
snail	*banH <b>peɽ<sup>31</sup></b>	*banH <b>pak</b>	*bamH, *banH <b>peɽ<sup>31</sup></b>
war, go to / battle	*bap, *bat <b>pak<sup>31</sup></b>	*bak <b>pac</b>	*bap, *bat <b>pak<sup>31</sup></b>
insect / worm	*bik <b>puk<sup>55</sup></b>	*bik <b>puiwḥ</b>	*bik <b>pau<sup>31</sup></b>
		*buH	*buH

## Initial Correspondence

	Maru	OBurm	Bola
rot	<b><i>pap</i></b> <sup>31</sup> *bup, *bip	<b><i>pup</i></b> *bup	<b><i>pap</i></b> <sup>31</sup>

Initial: *ph:-:ph*

	Maru	OBurm	Bola
cock	<b><i>phɔ</i></b> <sup>55</sup> *paX	–	<b><i>pha</i></b> <sup>35</sup> *paX
bat	<b><i>phɔʔ</i></b> <sup>55</sup> *pak	–	<b><i>phaʔ</i></b> <sup>55</sup> *pak
escape / run away	<b><i>phɔ̃</i></b> <sup>31</sup> *paŋ	–	<b><i>phɔ̃</i></b> <sup>55</sup> *paŋ
untie / undo	<b><i>phak</i></b> <sup>55</sup> *pik	–	<b><i>phəi</i></b> <sup>55</sup>
expensive	<b><i>phuk</i></b> <sup>55</sup> *pu, *puH, *puX	–	<b><i>phau</i></b> <sup>35</sup> *puX
ancestors / forebears	<b><i>phuk</i></b> <sup>55</sup> *pu, *puH, *puX	–	<b><i>phau</i></b> <sup>35</sup> *puX
plough / till	<b><i>phauk</i></b> <sup>55</sup> *puk	–	<b><i>phauʔ</i></b> <sup>55</sup>

Initial: *ph:ph:ph*

	Maru	OBurm	Bola
father-in-law	<b><i>phɔ</i></b> <sup>55</sup> *paX	<b><i>phaʔ</i></b> *paX, *ʔpaX, *ʔpaX	<b><i>pha</i></b> <sup>35</sup> *paX

Initial: *ph:pr:ph*

	Maru	OBurm	Bola
butterfly	<b><i>phə</i></b> <sup>31</sup>	<b><i>pra</i></b> *bra	<b><i>phə</i></b> <sup>31</sup>

Initial: *phj:-:phj*

	Maru	OBurm	Bola
hot / spicy	<b><i>phjak</i></b> <sup>55</sup> *pjik, *prik, *plik	–	<b><i>phjak</i></b> <sup>55</sup> *pjik, *prik, *plik
consult / discuss	<b><i>phje</i></b> <sup>55</sup>	–	<b><i>phje</i></b> <sup>35</sup>

	Maru	OBurm	Bola
unseam (clothing)	*pjeX, *preX, *pleX <b>phjɔʔ<sup>55</sup></b>	–	*pjeX, *preX, *pleX <b>phjaʔ<sup>55</sup></b>
split up (bamboo strips)	*pjak, *prak, *plak <b>phjɔ<sup>31</sup></b> *pja, *pra, *pla	–	*pjak, *prak, *plak <b>phja<sup>55</sup></b> *pja, *pra, *pla

*Initial: phj:phl:phj*

	Maru	OBurm	Bola
white	<b>phju<sup>31</sup></b> *pjo, *pro, *plo	<b>phlu</b> *plu, *ʔplu, *ʔplu	<b>phju<sup>55</sup></b>

*Initial: pj:-:p*

	Maru	OBurm	Bola
offer / dedicate	<b>pjik<sup>55</sup></b>	–	<b>pi<sup>31</sup></b> *biH, *beH

*Initial: pj:-:pj*

	Maru	OBurm	Bola
drop	<b>pjik<sup>31</sup></b> *bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX	–	<b>pjɔt<sup>31</sup></b>
stingy	<b>pjak<sup>31</sup></b> *bjik, *brik, *blik	–	<b>pjak<sup>31</sup></b> *bjik, *brik, *blik
break up (meeting) / end	<b>pjɔ<sup>31</sup></b> *bja, *bra, *bla	–	<b>pja<sup>55</sup></b> *bja, *bra, *bla
make a row, racket	<b>pjɔʔ<sup>55</sup></b>	–	<b>pjaʔ<sup>31</sup></b> *bjak, *brak, *blak
cliff	<b>pjɔʔ<sup>31</sup></b> *bjak, *brak, *blak	–	<b>pjaʔ<sup>31</sup></b> *bjak, *brak, *blak
jump	<b>pjẽ<sup>31</sup></b> *bjam, *bram, *blam	–	<b>pjẽ<sup>55</sup></b> *bjam, *bjan, *bram, *bran, *blam, *blan
step / stride	<b>pje<sup>31</sup></b> *bje, *bre, *ble	–	<b>pje<sup>55</sup></b> *bje, *bre, *ble



*Initial: pj:p:p*

	Maru	OBurm	Bola
give	<b><i>pjik</i></b> <sup>55</sup>	<b><i>piyh</i></b> *biH	<b><i>pi</i></b> <sup>31</sup> *biH, *beH

*Initial: pj:pl:pj*

	Maru	OBurm	Bola
full	<b><i>pjaŋ</i></b> <sup>55</sup> *bjiŋX, *briŋX, *bliŋX	<b><i>plañ?</i></b> *bliŋX	<b><i>pjaŋ</i></b> <sup>35</sup> *bjiŋX, *briŋX, *bliŋX

*Initial: pj:pr:pj*

	Maru	OBurm	Bola
sheath / scabbard	<b><i>pjɔ̃</i></b> <sup>31</sup> *bjaŋ, *braŋ, *blaŋ	<b><i>prañ</i></b> *braŋ	<b><i>pjɔ̃</i></b> <sup>55</sup> *bjaŋ, *braŋ, *blaŋ
pus	<b><i>pjaŋ</i></b> <sup>31</sup> *bjiŋ, *briŋ, *bliŋ	<b><i>prañ</i></b> *briŋ	<b><i>pjaŋ</i></b> <sup>55</sup> *bjiŋ, *briŋ, *bliŋ

*Initial: s:-:s*

	Maru	OBurm	Bola
steam	<b><i>soʔ</i></b> <sup>55</sup>	–	<b><i>saʔ</i></b> <sup>55</sup> *sak
next year	<b><i>sɔ̃</i></b> <sup>31</sup> *saŋ	–	<b><i>sɔ̃</i></b> <sup>55</sup> *saŋ
host / master	<b><i>saŋ</i></b> <sup>31</sup> *siŋ	–	<b><i>saŋ</i></b> <sup>55</sup> *siŋ
manage / control	<b><i>saŋ</i></b> <sup>31</sup> *siŋ	–	<b><i>saŋ</i></b> <sup>55</sup> *siŋ
oneself	<b><i>saŋ</i></b> <sup>31</sup> *siŋ	–	<b><i>saŋ</i></b> <sup>55</sup> *siŋ
walk	<b><i>su</i></b> <sup>35</sup> *soH	–	<b><i>sɔ̃</i></b> <sup>35</sup>
character / word	<b><i>suk</i></b> <sup>55</sup> *su, *suH, *suX	–	<b><i>sau</i></b> <sup>31</sup> *suH
know	<b><i>sɛ</i></b> <sup>55</sup> *sɛX	–	<b><i>sɛ</i></b> <sup>35</sup> *sɛX
plank / board	<b><i>sak</i></b> <sup>55</sup> *sik	–	<b><i>sak</i></b> <sup>55</sup> *sik

	Maru	OBurm	Bola
rod / stick	<b>se</b> <sup>35</sup> *seH	–	<b>se</b> <sup>31</sup> *seH

*Initial: s:-f*

	Maru	OBurm	Bola
mat	<b>sai</b> <sup>35</sup> *saiH	–	<b>fi</b> <sup>31</sup>

*Initial: s:r:s*

	Maru	OBurm	Bola
scatter (seeds)	<b>saŋ</b> <sup>35</sup> *sanH	<b>ro<sub>1</sub> t</b>	<b>sē</b> <sup>35</sup> *samX, *sanX

*Initial: s:s:s*

	Maru	OBurm	Bola
nail	<b>saŋ</b> <sup>35</sup> *siŋH	<b>sañḥ</b> *ʔsiŋH, *siŋH, *ʃiŋH	<b>saŋ</b> <sup>35</sup> *siŋX
liver	<b>saŋ</b> <sup>35</sup> *siŋH	<b>sañḥ</b> *ʔsiŋH, *siŋH, *ʃiŋH	<b>saŋ</b> <sup>35</sup> *siŋX
blood	<b>sa</b> <sup>35</sup>	<b>suyḥ</b> *ʔsuiH, *suiH, *ʃuiH	<b>sui</b> <sup>35</sup> *suiX
three	<b>sam</b> <sup>31</sup> *sum, *sim	<b>sumḥ</b> *ʔsumH, *sumH, *ʃumH	<b>sam</b> <sup>55</sup>
wood / log	<b>sak</b> <sup>55</sup> *sik	<b>sac</b> *ʔsik, *sik, *ʃik	<b>sak</b> <sup>55</sup> *sik
nest (bird)	<b>sat</b> <sup>55</sup> *sut, *sit	<b>suik</b>	<b>sot</b> <sup>55</sup>

*Initial: t:-t*

	Maru	OBurm	Bola
go upstairs	<b>tɔʔ</b> <sup>31</sup> *dak	–	<b>taʔ</b> <sup>31</sup> *dak, *dzak
level / flat	<b>tē</b> <sup>31</sup> *dam	–	<b>tē</b> <sup>55</sup> *dam, *dan, *dzam,
scar	<b>tē</b> <sup>31</sup>	–	*dzan <b>tē</b> <sup>55</sup>

Initial Correspondence

	Maru	OBurm	Bola
	*dam		*dam, *dan, *dzam,
catch (fire) / be (on fire)	<i>teɽ</i> <sup>31</sup>	–	*dzan <i>teɽ</i> <sup>31</sup>
owe (money)	*dap, *dat <i>teɽ</i> <sup>31</sup>	–	*dap, *dat, *dzap, *dzat <i>teɽ</i> <sup>31</sup>
speech / words	*dap, *dat <i>tɕ</i> <sup>35</sup>	–	*dap, *dat, *dzap, *dzat <i>tɕ</i> <sup>31</sup>
joke / jest	*daŋH <i>tɕ</i> <sup>35</sup>	–	*daŋH, *dzaŋH <i>tɕ</i> <sup>31</sup>
bean (broad)	*daŋH <i>tu</i> <sup>35</sup>	–	*daŋH, *dzaŋH <i>tu</i> <sup>31</sup>
belly	*doH <i>tuk</i> <sup>31</sup>	–	<i>tau</i> <sup>31</sup>
load on an animal's back	*du, *duH, *duX <i>tɕ</i> <sup>35</sup>	–	*duH, *dzuH <i>tɕ</i> <sup>35</sup>
bundle / sheaf	*daH <i>taŋ</i> <sup>35</sup>	–	<i>taŋ</i> <sup>31</sup>
body	*diŋH <i>tau</i> <sup>35</sup>	–	*diŋH, *dziŋH <i>tɕ</i> <sup>31</sup>
classifier for birds	<i>tau</i> <sup>35</sup>	–	<i>tɕ</i> <sup>31</sup>
cotton	<i>tɕ</i> <sup>31</sup>	–	<i>tɕ</i> <sup>31</sup>

Initial: t:-:ʃ

	Maru	OBurm	Bola
dragonfly	<i>təŋ</i> <sup>31</sup>	–	<i>ʃu</i> <sup>31</sup>
	*dan		

Initial: t:-:ʔt

	Maru	OBurm	Bola
back	<i>tɕ</i> <sup>55</sup>	–	<i>tɕ</i> <sup>35</sup>
bottle (of wine)	*daŋX <i>tau</i> <sup>35</sup>	–	*ʔtaŋX <i>təu</i> <sup>35</sup> *ʔtuX

Initial: t:t:t

	Maru	OBurm	Bola
crawl (of people)	<b>tu</b> <sup>35</sup> *doH	<b>to<sub>1</sub>h</b> *doH	<b>tɔ</b> <sup>31</sup>
wing	<b>tauj</b> <sup>31</sup> *duŋ	<b>to<sub>2</sub>n</b> *duŋ	<b>tauj</b> <sup>55</sup>
look like / resemble	<b>tø?</b> <sup>31</sup>	<b>tu</b> *dɔ	<b>tu</b> <sup>55</sup>

*Initial: th:-mj*

	Maru	OBurm	Bola
manger	<b>thauj</b> <sup>35</sup> *tuŋH	–	<b>mjɔ</b> <sup>31</sup> *mjaŋH, *mraŋH, *mlaŋH

*Initial: th:-th*

	Maru	OBurm	Bola
compare	<b>thɔ?</b> <sup>55</sup> *tak	–	<b>tha?</b> <sup>55</sup> *tak, *tsak
chin	<b>thɔ̃</b> <sup>31</sup> *taŋ	–	<b>thɔ̃</b> <sup>55</sup> *taŋ, *tsaŋ
flight of steps	<b>thɔ̃</b> <sup>31</sup> *taŋ	–	<b>thɔ̃</b> <sup>55</sup> *taŋ, *tsaŋ
finger (little)	<b>thɔ̃</b> <sup>55</sup> *taŋX	–	<b>thɔ̃</b> <sup>35</sup> *taŋX, *tsaŋX
prison	<b>thɔŋ</b> <sup>35</sup>	–	<b>thɔŋ</b> <sup>35</sup>
span (thumb to middle finger)	<b>thu</b> <sup>31</sup> *to	–	<b>thɔ</b> <sup>55</sup>
open (an umbrella)	<b>thauk</b> <sup>55</sup> *tuk	–	<b>thau?</b> <sup>55</sup>
withdraw / take out	<b>thuk</b> <sup>55</sup> *tu, *tuH, *tuX	–	<b>thɔ?</b> <sup>55</sup>
embroider	<b>thuk</b> <sup>55</sup> *tu, *tuH, *tuX	–	<b>thau</b> <sup>35</sup> *tuX, *tsuX
hurt by stinging	<b>thuk</b> <sup>55</sup> *tu, *tuH, *tuX	–	<b>thauj</b> <sup>31</sup>
pricked, be (on a thorn)	<b>thuk</b> <sup>55</sup> *tu, *tuH, *tuX	–	<b>thau</b> <sup>35</sup> *tuX, *tsuX
stamp (one's foot)	<b>thaŋ</b> <sup>55</sup> *tiŋX	–	<b>thaŋ</b> <sup>35</sup> *tiŋX, *tsiŋX
paddy fields	<b>thauj</b> <sup>35</sup>	–	<b>thauj</b> <sup>35</sup>

	Maru	OBurm	Bola
pestle / pound	*tuŋH <b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>thauŋ</b> <sup>35</sup>

*Initial: th:-:ʔt*

	Maru	OBurm	Bola
wood / log	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>tam</b> <sup>35</sup>

*Initial: th:th:th*

	Maru	OBurm	Bola
over / above	<b>thɔʔ</b> <sup>55</sup> *tak	<b>thak</b> *ʔtak, *ʔtak, *tak	<b>thaʔ</b> <sup>55</sup> *tak, *tsak
sharp	<b>thɔʔ</b> <sup>55</sup> *tak	<b>thak</b> *ʔtak, *ʔtak, *tak	<b>thaʔ</b> <sup>55</sup> *tak, *tsak
firewood	<b>thɔ̃</b> <sup>35</sup> *taŋH	<b>thaŋh</b> *ʔtaŋH, *ʔtaŋH, *taŋH	<b>thɔ̃</b> <sup>35</sup> *taŋX, *tsaŋX
use or lean on (a walking stick)	<b>thauk</b> <sup>55</sup> *tuk	<b>tho<sub>2</sub>k</b> *ʔtuk, *ʔtuk, *tuk	<b>thauʔ</b> <sup>55</sup>

*Initial: ts:-:s*

	Maru	OBurm	Bola
silkworm	<b>tsɔ</b> <sup>35</sup> *dzaH	–	<b>sɔ</b> <sup>31</sup>

*Initial: ts:-:t*

	Maru	OBurm	Bola
New Year's Day	<b>tsəŋ</b> <sup>31</sup> *dzan	–	<b>tẽ</b> <sup>55</sup> *dam, *dan, *dzam, *dzan
leader in a (stockaded) village	<b>tsuk</b> <sup>55</sup>	–	<b>tau</b> <sup>31</sup> *duH, *dzuH
work / labor	<b>tsɔi</b> <sup>31</sup>	–	<b>tui</b> <sup>31</sup> *duiH, *dzuiH
put one's hand on (sthg.) for	<b>tsɔi</b> <sup>35</sup>	–	<b>tui</b> <sup>31</sup> *duiH, *dzuiH

	Maru	OBurm	Bola
feed (pig) / pigwash	<b>tsɔ</b> <sup>31</sup> *dza	–	<b>ta</b> <sup>55</sup> *da, *dza
rice (glutinous)	<b>tsɔ</b> <sup>31</sup>	–	<b>ta</b> <sup>55</sup> *da, *dza
rust	<b>tsɔ</b> <sup>35</sup>	–	<b>tui</b> <sup>31</sup> *duiH, *dzuiH
fabric (silk)	<b>tsɔ</b> <sup>31</sup> *dza	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
baby	<b>tsɔ</b> <sup>35</sup>	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
old lady	<b>tsɔ</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
old man	<b>tsɔ</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
orphan	<b>tsɔ</b> <sup>31</sup> *dza	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
shadow	<b>tsɔ</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
slow	<b>tsɔ</b> <sup>55</sup> *dzaX	–	<b>ta</b> <sup>35</sup> *daX, *dzaX
chop / hew	<b>tsəŋ</b> <sup>35</sup> *dzanH	–	<b>tẽ</b> <sup>31</sup> *damH, *danH, *dzamH, *dzanH
sow	<b>tsaŋ</b> <sup>31</sup> *dziŋ	–	<b>taŋ</b> <sup>55</sup> *diŋ, *dziŋ
mare	<b>tsaŋ</b> <sup>31</sup> *dziŋ	–	<b>taŋ</b> <sup>55</sup> *diŋ, *dziŋ
pillar / column	<b>tsaŋ</b> <sup>31</sup> *dziŋ	–	<b>taŋ</b> <sup>55</sup> *diŋ, *dziŋ
neck	<b>tsaŋ</b> <sup>35</sup> *dziŋH	–	<b>taŋ</b> <sup>31</sup> *diŋH, *dziŋH

*Initial: ts:-:ts*

	Maru	OBurm	Bola
get together, all / assemble	<b>tsaŋ</b> <sup>35</sup> *dziŋH	–	<b>tsaŋ</b> <sup>31</sup>
Tibetan	<b>tsaŋ</b> <sup>35</sup> *dziŋH	–	<b>tsaŋ</b> <sup>35</sup>

*Initial: ts:-:tʃh*

Initial Correspondence

	Maru	OBurm	Bola
window	<b>tsɔ</b> <sup>55</sup> *dzaX	–	<b>tʃhɔŋ</b> <sup>35</sup>

Initial: ts:-:ʔk

	Maru	OBurm	Bola
open up wasteland	<b>tsəŋ</b> <sup>35</sup> *dzanH	–	<b>kɔt</b> <sup>55</sup>

Initial: ts:s:t

	Maru	OBurm	Bola
son	<b>tso</b>	<b>sah</b> *ʔsaH, *saH, *ʃaH	<b>ta</b> <sup>31</sup> *daH, *dzaH

Initial: ts:th:t

	Maru	OBurm	Bola
rice (cooked)	<b>tsɔ</b> <sup>31</sup> *dza	<b>thaʔ</b> *ʔtaX, *ʔtaX, *taX	<b>ta</b> <sup>55</sup> *da, *dza

Initial: ts:tɕ:t

	Maru	OBurm	Bola
eat	<b>tsɔ</b> <sup>35</sup> *dzaH	<b>caḥ</b> *dzaH, *dʒaH	<b>ta</b> <sup>31</sup> *daH, *dzaH
drum	<b>tsaŋ</b> <sup>31</sup> *dziŋ	<b>cañ</b> *dziŋ, *dʒiŋ	<b>taŋ</b> <sup>55</sup> *diŋ, *dziŋ

Initial: tsh:-:khj

	Maru	OBurm	Bola
repay	<b>tsheʔ</b> <sup>55</sup> *tsap, *tsat	–	<b>khjeʔ</b> <sup>55</sup> *kjaʔ, *kjaʔ, *krap, *krat, *klap, *klat

Initial: tsh:-:s

	Maru	OBurm	Bola
fifty	<b><i>tshɛ</i></b> <sup>31</sup> *tse	–	<b><i>san</i></b> <sup>55</sup>

*Initial: tsh:-:t*

	Maru	OBurm	Bola
roll up (cloth)	<b><i>tshaŋ</i></b> <sup>31</sup> *tsiŋ	–	<b><i>taŋ</i></b> <sup>31</sup> *diŋH, *dziŋH
awn of wheat	<b><i>tshẽ</i></b> <sup>31</sup> *tsam	–	<b><i>tu</i></b> <sup>31</sup>

*Initial: tsh:-:tsh*

	Maru	OBurm	Bola
connect / join	<b><i>tshɔʔ</i></b> <sup>55</sup> *tsak	–	<b><i>tshaʔ</i></b> <sup>31</sup>
elephant	<b><i>tshẽ</i></b> <sup>31</sup> *tsam	–	<b><i>tshɔ̃</i></b> <sup>55</sup>

*Initial: tsh:-:tʃh*

	Maru	OBurm	Bola
deer	<b><i>tshɛʔ</i></b> <sup>55</sup> *tsap, *tsat	–	<b><i>tʃhet</i></b> <sup>31</sup>
pal / partner	<b><i>tshɔ̃</i></b> <sup>35</sup>	–	<b><i>tʃhɔ̃</i></b> <sup>35</sup> *tʃaŋX

*Initial: tsh:tɕh:th*

	Maru	OBurm	Bola
salt	<b><i>tshɔ̃</i></b> <sup>35</sup> *tsaH	<b><i>chaḥ</i></b> *ʔtsaH, *ʔtʃaH, *ʔtsaH, *ʔtʃaH, *tsaH, *tʃaH, *tsaH, *tʃaH	<b><i>tha</i></b> <sup>35</sup> *taX, *tsaX
twenty	<b><i>tshɛ</i></b> <sup>31</sup> *tse	<b><i>chay</i></b> *ʔtsai, *ʔtʃai, *ʔtsai, *ʔtʃai, *tsai, *tʃai, *tsai, *tʃai	<b><i>thai</i></b> <sup>55</sup> *tai, *tsai



Initial: *tsh:tɕh:tsh*

	Maru	OBurm	Bola
hair	<b><i>tshẽ</i></b> <sup>31</sup> *tsam	<b><i>cham</i></b> *ʔtsam, *ʔtʃam, *ʔtsam, *ʔtʃam, *tsam, *tʃam, *tsam, *tʃam	<b><i>tshẽ</i></b> <sup>55</sup>
oil (animal)	<b><i>tshau</i></b> <sup>31</sup>	<b><i>chi</i></b> *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *tse, *tse, *tʃe, *tʃe, *tse, *tse, *tʃe, *tʃe	<b><i>tshu</i></b> <sup>55</sup>

Initial: *tsh:tɕh:tʃh*

	Maru	OBurm	Bola
repay (a debt)	<b><i>tshẽ</i></b> <sup>55</sup> *tsap, *tsat	<b><i>chap</i></b> *ʔtsap, *ʔtʃap, *ʔtsap, *ʔtʃap, *tsap, *tʃap, *tsap, *tʃap	<b><i>tʃhẽ</i></b> <sup>55</sup> *tʃap, *tʃat

Initial: *tʃ:-:tʃ*

	Maru	OBurm	Bola
right / correct	<b><i>tʃɔ</i></b> <sup>31</sup> *dʒa	–	<b><i>tʃɔ</i></b> <sup>31</sup>
there are (trees on the mountain)	<b><i>tʃɔʔ</i></b> <sup>31</sup> *dʒak	–	<b><i>tʃaʔ</i></b> <sup>31</sup> *dʒak
break to pieces (grain)	<b><i>tʃeʔ</i></b> <sup>31</sup> *dʒap, *dʒat	–	<b><i>tʃeʔ</i></b> <sup>31</sup> *dʒap, *dʒat
believe / trust	<b><i>tʃaŋ</i></b> <sup>55</sup> *dʒiŋX	–	<b><i>tʃaŋ</i></b> <sup>35</sup> *dʒiŋX
dragon	<b><i>tʃauŋ</i></b> <sup>35</sup> *dʒuŋH	–	<b><i>tʃauŋ</i></b> <sup>31</sup>

Initial: *tʃ:tɕ:tʃ*

	Maru	OBurm	Bola
soak / steep	<b><i>tʃam</i></b> <sup>31</sup> *dʒum, *dʒim	<b><i>cim</i></b> *dzim, *dʒim	<b><i>tʃam</i></b> <sup>55</sup>

*Initial: tʃh:-:tʃh*

	Maru	OBurm	Bola
buttocks	<b>tʃhau?</b> <sup>55</sup>	–	<b>tʃhau?</b> <sup>55</sup>
chisel	<b>tʃhɔ?</b> <sup>55</sup> *tʃak	–	<b>tʃha?</b> <sup>55</sup> *tʃak
grain (of rice)	<b>tʃhe?</b> <sup>55</sup> *tʃap, *tʃat	–	<b>tʃhe?</b> <sup>55</sup> *tʃap, *tʃat
cymbals	<b>tʃhe?</b> <sup>31</sup>	–	<b>tʃhe?</b> <sup>55</sup> *tʃap, *tʃat
ankle	<b>tʃhe?</b> <sup>55</sup> *tʃap, *tʃat	–	<b>tʃhe?</b> <sup>55</sup> *tʃap, *tʃat
armpit	<b>tʃhe?</b> <sup>55</sup> *tʃap, *tʃat	–	<b>tʃhe?</b> <sup>55</sup> *tʃap, *tʃat
follow	<b>tʃhɔ̃</b> <sup>55</sup> *tʃaŋX	–	<b>tʃhɔ̃</b> <sup>35</sup> *tʃaŋX
this	<b>tʃhe</b> <sup>31</sup> *tʃe	–	<b>tʃhə</b> <sup>55</sup>
cigarette / tobacco	<b>tʃhik</b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	–	<b>tʃhɿ</b> <sup>35</sup>
muntjac / deer (barking)	<b>tʃhik</b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	–	<b>tʃhi</b> <sup>55</sup> *tʃi, *tʃe

*Initial: tʃh:khj:tʃh*

	Maru	OBurm	Bola
navel	<b>tʃhɔ?</b> <sup>55</sup> *tʃak	<b>khyak</b> *ʔkjak, *ʔkjak, *kjak	<b>tʃha?</b> <sup>55</sup> *tʃak

*Initial: tʃh:tʃh:tʃh*

	Maru	OBurm	Bola
widow	<b>tʃhuk</b> <sup>55</sup> *tʃu, *tʃuH, *tʃuX	<b>chuiwḥ</b> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<b>tʃhu</b> <sup>35</sup>
wash (clothes)	<b>tʃhik</b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	<b>chiyḥ</b> *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	<b>tʃhɿ</b> <sup>35</sup>
medicine	<b>tʃhik</b> <sup>55</sup>	<b>chiyḥ</b>	<b>tʃhɿ</b> <sup>35</sup>

	Maru	OBurm	Bola
	*tʃi, *tʃiH, *tʃiX	*ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	

*Initial: tʃu:-:tʃ*

	Maru	OBurm	Bola
rinse (the mouth)	<b>tʃui</b> <sup>35</sup> *dʒuiH	–	<b>tʃui</b> <sup>31</sup> *dʒuiH

*Initial: tʃu:tɕ:tʃ*

	Maru	OBurm	Bola
ride (a horse)	<b>tʃui</b> <sup>35</sup> *dʒuiH	<b>cih</b> *dzeH, *dzeH, *dʒeH, *dʒeH	<b>tʃui</b> <sup>31</sup> *dʒuiH

*Initial: v:-:v*

	Maru	OBurm	Bola
sow	<b>vɔʔ</b> <sup>31</sup> *wak	–	<b>vaʔ</b> <sup>31</sup> *wak
chaff / bran	<b>vɔʔ</b> <sup>31</sup> *wak	–	<b>vaʔ</b> <sup>31</sup> *wak
carry (sthg.) with a pole on t	<b>vɔʔ</b> <sup>31</sup> *wak	–	<b>vaʔ</b> <sup>31</sup> *wak
shoulder	<b>vɔʔ</b> <sup>31</sup> *wak	–	<b>vaʔ</b> <sup>31</sup> *wak
crops	<b>vɔ</b> <sup>31</sup> *wa	–	<b>vɔ</b> <sup>51</sup>
village	<b>vɔ</b> <sup>31</sup> *wa	–	<b>va</b> <sup>55</sup> *wa
sock / stocking	<b>va</b> <sup>31</sup>	–	<b>va</b> <sup>31</sup> *waH
tile	<b>va</b> <sup>31</sup>	–	<b>va</b> <sup>31</sup> *waH
dare	<b>vɛ</b> <sup>55</sup> *wamX	–	<b>vɛ</b> <sup>35</sup> *wamX, *wanX
wear / bear	<b>vəŋ</b> <sup>31</sup> *wan	–	<b>vɔn</b> <sup>55</sup>
uncle (father's sister's husband)nd	<b>vɔ</b> <sup>31</sup>	–	<b>vɔ</b> <sup>55</sup>

	Maru	OBurm	Bola
	*waŋ		*waŋ

*Initial: v:r:y*

	Maru	OBurm	Bola
fall (rain)	<b>vu</b> <sup>31</sup> *wo	<b>ro</b> <sub>1</sub> *ro	<b>ɣɔ</b> <sup>55</sup>

*Initial: v:w:v*

	Maru	OBurm	Bola
pig	<b>vɔʔ</b> <sup>31</sup> *wak	<b>wak</b> *wak	<b>vaʔ</b> <sup>31</sup> *wak
chew	<b>vɔ</b> <sup>35</sup> *waH	<b>waḥ</b> *waH	<b>va</b> <sup>31</sup> *waH
bamboo	<b>vɔ</b> <sup>35</sup> *waH	<b>waḥ</b> *waH	<b>va</b> <sup>31</sup> *waH
buy	<b>vai</b> <sup>31</sup> *wai	<b>way</b> *wai	<b>vɛ</b> <sup>55</sup> *wɛ
pregnant, be	<b>vɛ</b> <sup>35</sup>	<b>wamḥ</b> *wamH	<b>vɛ</b> <sup>31</sup> *wamH, *wanH
bear	<b>vɛ</b> <sup>31</sup> *wam	<b>wam</b> *wam	<b>vɛ</b> <sup>55</sup> *wam, *wan
wear (a bracelet)	<b>vɛʔ</b> <sup>31</sup> *wap, *wat	<b>wat</b> *wat	<b>vɛʔ</b> <sup>31</sup> *wap, *wat
enter (a house)	<b>vɔ</b> <sup>31</sup> *waŋ	<b>wan</b> *waŋ	<b>vɔ</b> <sup>55</sup> *waŋ

*Initial: x:-:x*

	Maru	OBurm	Bola
shy, be / bashful	<b>xɔʔ</b> <sup>55</sup> *ʔrak	—	<b>xaʔ</b> <sup>55</sup>
otter	<b>xɛ</b> <sup>31</sup> *ʔram	—	<b>xɛ</b> <sup>55</sup>
plant (trees)	<b>xɔ</b> <sup>35</sup> *ʔraH	—	<b>xa</b> <sup>35</sup>
gold	<b>xaŋ</b> <sup>31</sup> *ʔriŋ	—	<b>xaŋ</b> <sup>55</sup>
day before yesterday	<b>xək</b> <sup>55</sup>	—	<b>xəi</b> <sup>55</sup>

*Initial: x:r:x*

	Maru	OBurm	Bola
long	<b>xəŋ</b> <sup>31</sup> *ʔriŋ	<b>rhañ</b> *ʔriŋ, *ʔriŋ	<b>xəŋ</b> <sup>55</sup>

*Initial: ŋ:-:k*

	Maru	OBurm	Bola
fool / blockhead	<b>ŋək</b> <sup>31</sup>	–	<b>ka</b> <sup>55</sup> *ga

*Initial: ŋ:-:ʔt*

	Maru	OBurm	Bola
set on fire	<b>ŋa</b> <sup>55</sup>	–	<b>tɛɽ</b> <sup>55</sup> *ʔtap, *ʔtat

*Initial: ŋ:-:ʔŋ*

	Maru	OBurm	Bola
doze / nod off	<b>ŋøʔ</b> <sup>31</sup>	–	<b>ŋø</b> <sup>35</sup>

*Initial: ŋ:ŋ:ŋ*

	Maru	OBurm	Bola
I	<b>ŋɔ̃</b> <sup>31</sup>	<b>ña</b> *ŋa	<b>ŋǎ</b> <sup>55</sup>
five	<b>ŋɔ̃</b> <sup>55</sup> *ŋaX	<b>ñaḥ</b> *ŋaH	<b>ŋa</b> <sup>31</sup> *ŋaH
small	<b>ŋai</b> <sup>31</sup> *ŋai	<b>ñay</b> *ŋai	<b>ŋai</b> <sup>55</sup> *ŋai
cry	<b>ŋuk</b> <sup>31</sup> *ŋu, *ŋuH, *ŋuX	<b>ñuiw</b> *ŋu	<b>ŋau</b> <sup>55</sup> *ŋu
silver	<b>ŋø</b> <sup>31</sup>	<b>ñuy</b> *ŋui	<b>ŋø</b> <sup>55</sup>

*Initial: ɲ:ŋ:ɲ*

	Maru	OBurm	Bola
banana (plantain)	<b>ɲɔʔ<sup>31</sup></b> *ɲak	<b>ṇhak</b> *ʔɲak, *ʔɲak	<b>ɲaʔ<sup>31</sup></b> *ɲak

*Initial: ɲj:-ɲj*

	Maru	OBurm	Bola
cooked, be (rice) / done	<b>ɲjɔʔ<sup>31</sup></b> *ɲjak, *ɲrak, *ɲlak	–	<b>ɲjaʔ<sup>31</sup></b> *ɲjak, *ɲrak, *ɲlak
tongs (fire)	<b>ɲjeʔ<sup>31</sup></b> *ɲjap, *ɲjat, *ɲrap, *ɲrat, *ɲlap, *ɲlat	–	<b>ɲjeʔ<sup>31</sup></b> *ɲjap, *ɲjat, *ɲrap, *ɲrat, *ɲlap, *ɲlat

*Initial: ɲj:p:ɲj*

	Maru	OBurm	Bola
green	<b>ɲjuk<sup>31</sup></b> *ɲju, *ɲjuH, *ɲjuX, *ɲru, *ɲruH, *ɲruX, *ɲlu, *ɲluH, *ɲluX	<b>ṇuiw</b> *ɲu	<b>ɲjuŋ<sup>55</sup></b> *ɲjuŋ, *ɲruŋ, *ɲluŋ

*Initial: ɣ:-:ɣ*

	Maru	OBurm	Bola
pheasant	<b>ɣɔʔ<sup>31</sup></b> *rak	–	<b>ɣaʔ<sup>31</sup></b>
soup	<b>ɣaŋ<sup>35</sup></b> *riŋH	–	<b>ɣaŋ<sup>31</sup></b>
shave (the head)	<b>ɣauk<sup>31</sup></b> *ruk	–	<b>ɣau<sup>31</sup></b>

*Initial: ɣ:khj:ɣ*

	Maru	OBurm	Bola
chicken	<b>ɣɔʔ<sup>31</sup></b> *rak	<b>khyak</b> *ʔkjak, *ʔkjak, *kjak	<b>ɣaʔ<sup>31</sup></b>

*Initial: y:kr:y*

	Maru	OBurm	Bola
mouse	<b>yuk</b> <sup>31</sup> *ru, *ruH, *ruX	<b>kro<sub>1</sub>k</b> *grok	<b>yɔʔ</b> <sup>31</sup>

*Initial: y:kr:ʔk*

	Maru	OBurm	Bola
big / large	<b>yə</b> <sup>35</sup>	<b>kriḥ</b> *greH, *greH	<b>kɔ</b> <sup>35</sup>

*Initial: y:r:y*

	Maru	OBurm	Bola
loom	<b>yɔʔ</b> <sup>31</sup> *rak	<b>rak</b> *rak	<b>yaʔ</b> <sup>31</sup>

*Initial: ʃ:-ʃ*

	Maru	OBurm	Bola
all / whole, the	<b>ʃɔʔ</b> <sup>55</sup> *ʔrjak, *ʃak	–	<b>ʃaʔ</b> <sup>55</sup> *ʃak
person w / pockmarked face	<b>ʃɔʔ</b> <sup>55</sup> *ʔrjak, *ʃak	–	<b>ʃaʔ</b> <sup>55</sup> *ʃak
few / little	<b>ʃau</b> <sup>31</sup>	–	<b>ʃau</b> <sup>31</sup> *ʃuH
tongue	<b>ʃɔ</b> <sup>31</sup> *ʔrja, *ʃa	–	<b>ʃa</b> <sup>55</sup> *ʃa
sheath / scabbard	<b>ʃɛ</b> <sup>31</sup> *ʔrjam, *ʃam	–	<b>ʃɛ</b> <sup>55</sup> *ʃam, *ʃan
child	<b>ʃɔ</b> <sup>31</sup> *ʔrjan, *ʃan	–	<b>ʃɔ</b> <sup>55</sup> *ʃan
seed of Chinese prickly ash	<b>ʃi</b> <sup>35</sup> *ʔrjeH, *ʃeH	–	<b>ʃi</b> <sup>35</sup> *ʃiX, *ʃeX
pull / drag (a log)	<b>ʃɛ</b> <sup>31</sup> *ʔrje, *ʃɛ	–	<b>ʃɛ</b> <sup>55</sup> *ʃɛ
musk	<b>ʃɛ</b> <sup>31</sup> *ʔrje, *ʃɛ	–	<b>ʃə</b> <sup>31</sup>
pull / lead (a cow) along	<b>ʃɛ</b> <sup>31</sup> *ʔrje, *ʃɛ	–	<b>ʃɛ</b> <sup>55</sup> *ʃɛ

*Initial: ʃ:rj:ʃ*

	Maru	OBurm	Bola
eight	<b>ʃeɽ<sup>55</sup></b> *ʔrjap, *ʔrjat, *ʃap, *ʃat	<b>rhyat</b> *ʔrjat, *ʔrjat	<b>ʃeɽ<sup>55</sup></b> *ʃap, *ʃat

*Initial: ʃ:s:t*

	Maru	OBurm	Bola
bear (fruit)	<b>ʃi<sup>35</sup></b> *ʔrjeH, *ʃeH	<b>siḥ</b> *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	<b>tui<sup>31</sup></b> *duiH, *dzuiH

*Initial: ʃ:s:ʃ*

	Maru	OBurm	Bola
flesh / muscle	<b>ʃɔ<sup>35</sup></b> *ʔrjaH, *ʃaH	<b>saḥ</b> *ʔsaH, *saH, *ʃaH	<b>ʃa<sup>35</sup></b> *ʃaX
meat	<b>ʃɔ<sup>35</sup></b> *ʔrjaH, *ʃaH	<b>saḥ</b> *ʔsaH, *saH, *ʃaH	<b>ʃa<sup>35</sup></b> *ʃaX
sand	<b>ʃɔ<sup>31</sup></b> *ʔrja, *ʃa	<b>sayḥ</b> *ʔsaiH, *saiH, *ʃaiH	<b>ʃa<sup>55</sup></b> *ʃa
louse	<b>ʃiŋ<sup>35</sup></b>	<b>sanḥ</b> *ʔsanH, *sanH, *ʃanH	<b>ʃɔn<sup>35</sup></b>
fruit	<b>ʃi<sup>35</sup></b> *ʔrjeH, *ʃeH	<b>siḥ</b> *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	<b>ʃi<sup>35</sup></b> *ʃiX, *ʃeX
drink	<b>ʃauk<sup>55</sup></b> *ʔrjuk, *ʃuk	<b>so<sub>2</sub>k</b> *ʔsuk, *suk, *ʃuk	<b>ʃauɽ<sup>55</sup></b>
die	<b>ʃik<sup>31</sup></b>	<b>siy</b> *ʔsi, *si, *ʃi	<b>ʃi<sup>55</sup></b> *ʃi, *ʃe

*Initial: ʔ:-:ʔ*

	Maru	OBurm	Bola
cotton	<b>au<sup>31</sup></b>	–	<b>u<sup>55</sup></b>
grandfather	<b>a<sup>31</sup></b>	–	<b>a<sup>55</sup></b> *ʔa
below / under	<b>ɔ<sup>31</sup></b> *ʔa	–	<b>a<sup>55</sup></b> *ʔa



*Initial Correspondence*

	Maru	OBurm	Bola
elder sister	<b>a</b> <sup>55</sup>	–	<b>a</b> <sup>55</sup>
aunt (wife of father's younger brother)	<b>a</b> <sup>31</sup>	–	<b>a</b> <sup>55</sup>
lower part of / lower reaches	<b>ɔ</b> <sup>31</sup>	–	<b>a</b> <sup>55</sup>
chin	<b>ɛ</b> <sup>31</sup>	–	<b>ɛ</b> <sup>55</sup>
	*ʔam		*ʔam, *ʔan

*Initial: ʔ:r:ʔ*

	Maru	OBurm	Bola
sell	<b>auŋ</b> <sup>35</sup>	<b>ro<sub>2</sub>ŋh</b>	<b>auŋ</b> <sup>35</sup>
	*ʔuŋH	*ruŋH	

*Initial: ʔ:ʔ:ʔ*

	Maru	OBurm	Bola
intestine	<b>a</b>	<b>u</b>	<b>u</b> <sup>55</sup>
head	<b>au</b> <sup>35</sup>	<b>u</b> <sup>h</sup>	<b>u</b> <sup>35</sup>
		*ʔuH	

*Initial: ʔj:-ʔ*

	Maru	OBurm	Bola
turn one's head to the back	<b>jak</b> <sup>55</sup>	–	<b>u</b> <sup>35</sup>
	*ʔjik		

*Initial: ʔj:-ʔj*

	Maru	OBurm	Bola
called, be / named	<b>jɔ</b> <sup>31</sup>	–	<b>jɔ</b> <sup>55</sup>
	*jaŋ		*jaŋ
ask s.b. to come here / fetch	<b>jɔ</b> <sup>31</sup>	–	<b>jɔ</b> <sup>55</sup>
	*jaŋ		*jaŋ
open up wasteland	<b>jɔ</b> <sup>31</sup>	–	<b>ja</b> <sup>55</sup>
	*ja		*ja
forest	<b>jɔ</b> <sup>31</sup>	–	<b>ja</b> <sup>55</sup>
	*ja		*ja

	Maru	OBurm	Bola
lick / lap	<b>jɔʔ<sup>31</sup></b> *jak	–	<b>jaʔ<sup>31</sup></b> *jak
edge / rim / margin	<b>jẽ<sup>31</sup></b> *jam	–	<b>jẽ<sup>55</sup></b> *jam, *jan
pot / jar / tin	<b>jẽ<sup>35</sup></b> *jamH	–	<b>jẽ<sup>31</sup></b> *jamH, *janH
they	<b>jɔ̃<sup>35</sup></b> *jaŋH	–	<b>jɔ̃<sup>31</sup></b> *jaŋH
gather / assemble	<b>jɔ̃<sup>35</sup></b> *jaŋH	–	<b>jɔ̃<sup>31</sup></b> *jaŋH
he	<b>jɔ̃<sup>35</sup></b> *jaŋH	–	<b>jɔ̃<sup>31</sup></b> *jaŋH
grow (a boil)	<b>jauk<sup>31</sup></b> *juk	–	<b>jauʔ<sup>55</sup></b> *juk
askew / awry / slanting	<b>jak<sup>55</sup></b> *ʔjik	–	<b>jak<sup>55</sup></b> *ʔjik
oneself	<b>jam<sup>31</sup></b> *ʔjum, *ʔjim	–	<b>jam<sup>55</sup></b>

*Initial: ʔj:j:ʔj*

	Maru	OBurm	Bola
right	<b>jɔ̃<sup>31</sup></b> *ja	<b>ya</b> *ʔja, *ja	<b>ja<sup>55</sup></b> *ja
angry, be / take offense	<b>jo<sup>31</sup></b>	<b>yaḥ</b> *ʔjaH, *jaH	<b>ja<sup>31</sup></b> *jaH
leak	<b>juk<sup>31</sup></b> *ju, *juH, *juX	<b>yuiw</b> *ʔju, *ju	<b>ju<sup>55</sup></b>
man	<b>jauk<sup>31</sup></b> *juk	<b>yo<sub>2</sub>k</b> *ʔjuk, *juk	<b>jauʔ<sup>31</sup></b>

*Initial: ʔj:pj:ʔj*

	Maru	OBurm	Bola
fly	<b>jɔ̃<sup>31</sup></b> *jaŋ	<b>pyam</b> *bjam	<b>jɔ̃<sup>55</sup></b> *jaŋ

*Initial: ʔj:rj:ʔj*

	Maru	OBurm	Bola
stand	Maru <b>jɛʔ<sup>31</sup></b> *jap, *jat	OBurm <b>ryap</b>	Bola <b>jɛʔ<sup>55</sup></b>

Initial: ʔj:ʔ:ʔj

	Maru	OBurm	Bola
dream	Maru <b>jap<sup>31</sup></b> *jup, *jip	OBurm <b>ip</b> *ʔip, *ʔjip, *jip	Bola <b>jap<sup>55</sup></b>
house	Maru <b>jam<sup>31</sup></b> *ʔjum, *ʔjim	OBurm <b>im</b> *ʔim, *ʔjim, *jim	Bola <b>jam<sup>55</sup></b>

Initial: ʔk:-:ʔk

	Maru	OBurm	Bola
fill (a bowl with rice)	Maru <b>kɛʔ<sup>55</sup></b> *ʔkap, *ʔkat	OBurm –	Bola <b>kɛʔ<sup>55</sup></b> *ʔkap, *ʔkat
parcel / sack (of things)	Maru <b>kak<sup>55</sup></b> *ʔkik	OBurm –	Bola <b>kak<sup>55</sup></b> *ʔkik

Initial: ʔk:kh:ʔk

	Maru	OBurm	Bola
branch / twig	Maru <b>kɔʔ<sup>55</sup></b> *ʔkak	OBurm <b>khak</b> *ʔkak, *ʔkak, *kak	Bola <b>kaʔ<sup>55</sup></b> *ʔkak

Initial: ʔkj:-:ʔkj

	Maru	OBurm	Bola
scale	Maru <b>kjɛʔ<sup>55</sup></b> *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat	OBurm –	Bola <b>kjɛʔ<sup>55</sup></b> *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat
trivet	Maru <b>kjɔ<sup>31</sup></b> *ʔkja, *ʔkra, *ʔkla	OBurm –	Bola <b>kja<sup>55</sup></b> *ʔkja, *ʔkra, *ʔkla
on the other side (of a riv	Maru <b>kjɔ<sup>31</sup></b> *ʔkja, *ʔkra, *ʔkla	OBurm –	Bola <b>kja<sup>55</sup></b> *ʔkja, *ʔkra, *ʔkla
turtledove	Maru <b>kju<sup>55</sup></b>	OBurm –	Bola <b>kju<sup>55</sup></b>

	Maru	OBurm	Bola
comb	*ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX <b>kjəʔ<sup>55</sup></b>	–	<b>kjaʔ<sup>55</sup></b>
frighten / scare	*ʔkjak, *ʔkrak, *ʔklak <b>kjauk<sup>55</sup></b>	–	*ʔkjak, *ʔkrak, *ʔklak <b>kjaʊʔ<sup>55</sup></b>
chisel / bore (a hole)	*ʔkjuk, *ʔkruk, *ʔkluk <b>kjaʊŋ<sup>35</sup></b> *ʔkjuŋH, *ʔkruŋH, *ʔkluŋH	–	<b>kjaʊŋ<sup>35</sup></b>

*Initial: ʔkj:KHR:ʔkj*

	Maru	OBurm	Bola
mosquito	<b>kjə̃<sup>31</sup></b>	<b>khrañ</b>	<b>kjə̃<sup>55</sup></b>
dry	*ʔkjaŋ, *ʔkraŋ, *ʔklaŋ <b>kjauk<sup>55</sup></b> *ʔkjuk, *ʔkruk, *ʔkluk	*ʔkraŋ, *ʔkraŋ, *kraŋ <b>khro<sub>2</sub>k</b> *ʔkruk, *ʔkruk, *kruk	*ʔkjaŋ, *ʔkraŋ, *ʔklaŋ <b>kjaʊʔ<sup>55</sup></b>

*Initial: ʔkj:KR:ʔkj*

	Maru	OBurm	Bola
star	<b>kji<sup>31</sup></b> *ʔkje, *ʔkre, *ʔkle	<b>kray</b> *grai	<b>kji<sup>55</sup></b> *ʔkji, *ʔkje, *ʔkri, *ʔkre, *ʔkli, *ʔkle

*Initial: ʔl:-:ʔl*

	Maru	OBurm	Bola
pants / trousers	<b>lə<sup>35</sup></b> *ʔlaH	–	<b>la<sup>35</sup></b> *ʔlaX
month	<b>lə<sup>55</sup></b> *ʔlaX	–	<b>lē<sup>35</sup></b> *ʔlamX, *ʔlanX
stir-fry	<b>lai<sup>31</sup></b> *ʔlai	–	<b>lai<sup>55</sup></b> *ʔlai
sever (a rope)	<b>lai<sup>55</sup></b> *ʔlaiX	–	<b>lai<sup>35</sup></b> *ʔlaiX
damage / spoil	<b>ləʔ<sup>55</sup></b> *ʔlak	–	<b>laʔ<sup>55</sup></b> *ʔlak
mess up	<b>ləʔ<sup>55</sup></b> *ʔlak	–	<b>laʔ<sup>55</sup></b> *ʔlak

	Maru	OBurm	Bola
lose / mislay	<b>lɔʔ</b> <sup>55</sup> *ʔlak	–	<b>laʔ</b> <sup>55</sup> *ʔlak
bend	<b>lɔʔ</b> <sup>55</sup> *ʔlak	–	<b>laʔ</b> <sup>55</sup> *ʔlak
dry (clothes) in the air	<b>lɛʔ</b> <sup>55</sup> *ʔlap, *ʔlat	–	<b>lɛʔ</b> <sup>55</sup> *ʔlap, *ʔlat
lightning	<b>lɛʔ</b> <sup>55</sup> *ʔlap, *ʔlat	–	<b>lep</b> <sup>55</sup>
circle / hover / wheel	<b>laŋ</b> <sup>31</sup> *ʔliŋ	–	<b>laŋ</b> <sup>55</sup> *ʔliŋ
overthrow / down with	<b>laŋ</b> <sup>31</sup> *ʔliŋ	–	<b>laŋ</b> <sup>35</sup> *ʔliŋX

Initial: ʔl:l:ʔl

	Maru	OBurm	Bola
fight / vie for	<b>lat</b> <sup>55</sup> *ʔlut, *ʔlit	<b>luʔ</b> *luX	<b>lɔt</b> <sup>55</sup>

Initial: ʔl:ɿ:ʔl

	Maru	OBurm	Bola
flea	<b>la</b> <sup>35</sup> *ʔliH	<b>lhiyh</b> *ʔliH, *ʔliH	<b>lui</b> <sup>35</sup> *ʔluiX

Initial: ʔm:-:ʔm

	Maru	OBurm	Bola
smoke / fumigate	<b>mai</b> <sup>31</sup> *ʔmai	–	<b>mai</b> <sup>55</sup> *ʔmai
deceive / cheat	<b>muk</b> <sup>55</sup> *ʔmu, *ʔmuH, *ʔmuX	–	<b>mɔu</b> <sup>35</sup> *ʔmuX

Initial: ʔm:m:ʔm

	Maru	OBurm	Bola
ripe, be (fruit)	<b>maŋ</b> <sup>55</sup> *ʔmiŋX	<b>mhañʔ</b> *ʔmiŋX, *ʔmiŋX	<b>maŋ</b> <sup>35</sup> *ʔmiŋX

*Initial: ʔmj:-ʔmj*

	Maru	OBurm	Bola
tasty / delicious	<b>mjɔʔ</b> <sup>55</sup> *ʔmjak, *ʔmrak, *ʔmlak	–	<b>mjaʔ</b> <sup>55</sup> *ʔmjak, *ʔmrak, *ʔmlak

*Initial: ʔmj:m:ʔm*

	Maru	OBurm	Bola
forget	<b>mjik</b> <sup>55</sup> *ʔmji, *ʔmjiH, *ʔmjiX, *ʔmri, *ʔmriH, *ʔmriX, *ʔmli, *ʔmliH, *ʔmliX	<b>miyʔ</b> *miX	<b>məi</b> <sup>31</sup>

*Initial: ʔn:-ʔn*

	Maru	OBurm	Bola
scold	<b>nak</b> <sup>55</sup> *ʔnik	–	<b>nak</b> <sup>55</sup>

*Initial: ʔn:-ʔn*

	Maru	OBurm	Bola
press / push down	<b>nai</b> <sup>55</sup> *ʔnaiX	–	<b>nai</b> <sup>35</sup> *ʔnaiX
make / cause	<b>nɔ̃</b> <sup>31</sup> *ʔnaŋ	–	<b>nɔ̃</b> <sup>55</sup> *ʔnaŋ
seventeen	<b>nat</b> <sup>55</sup> *ʔnut, *ʔnit	–	<b>nat</b> <sup>55</sup>

*Initial: ʔn:ŋ:ʔn*

	Maru	OBurm	Bola
mucus (nasal)	<b>neʔ</b> <sup>55</sup> *ʔnap, *ʔnat	<b>nhap</b> *ʔnap, *ʔnap	<b>neʔ</b> <sup>55</sup> *ʔnap, *ʔnat
we (two)	<b>nek</b> <sup>55</sup> *ʔnik	<b>nhac</b> *ʔnik, *ʔnik	<b>ne</b> <sup>55</sup> *ʔne
last year	<b>nak</b> <sup>55</sup> *ʔnik	<b>nhac</b> *ʔnik, *ʔnik	<b>nak</b> <sup>55</sup> *ʔnik
heart	<b>nek</b> <sup>55</sup>	<b>nhac</b>	<b>nek</b> <sup>55</sup>

	Maru	OBurm	Bola
lip	*ʔnik <b>nat</b> <sup>55</sup> *ʔnut, *ʔnit	*ʔnik, *ʔnik <b>nhut</b> *ʔnut, *ʔnut	*ʔnik <b>nɔt</b> <sup>55</sup>

*Initial: ʔp:-:ʔp*

	Maru	OBurm	Bola
sheep (general)	<b>pɛʔ</b> <sup>55</sup> *ʔpap, *ʔpat	–	<b>pɛʔ</b> <sup>55</sup>

*Initial: ʔp:-:ʔp*

	Maru	OBurm	Bola
calf	<b>pau</b> <sup>55</sup>	–	<b>pɯ</b> <sup>31</sup>
smoke (a cigarette)	<b>pauk</b> <sup>55</sup> *ʔpuk	–	<b>pauʔ</b> <sup>55</sup>
cuddle / embrace	<b>pɔ</b> <sup>31</sup> *ʔpa	–	<b>pa</b> <sup>55</sup> *ʔpa
willow	<b>pɛŋ</b> <sup>31</sup> *ʔpan	–	<b>pɛ̃</b> <sup>55</sup> *ʔpam, *ʔpan
astringent	<b>pɛŋ</b> <sup>31</sup> *ʔpan	–	<b>pɛ̃</b> <sup>55</sup> *ʔpam, *ʔpan
sting (of wasps)	<b>pɛʔ</b> <sup>55</sup> *ʔpap, *ʔpat	–	<b>pɛʔ</b> <sup>55</sup> *ʔpap, *ʔpat
dregs / sediment	<b>pɔʔ</b> <sup>55</sup>	–	<b>pɛʔ</b> <sup>55</sup> *ʔpap, *ʔpat
kick	<b>pak</b> <sup>55</sup> *ʔpik	–	<b>pak</b> <sup>55</sup> *ʔpik

*Initial: ʔp:ph:ʔp*

	Maru	OBurm	Bola
frog	<b>pɔ</b> <sup>35</sup> *ʔpaH	<b>phaḥ</b> *paH, *ʔpaH, *ʔpaH	<b>pa</b> <sup>35</sup> *ʔpaX

*Initial: ʔpj:-:ʔpj*

	Maru	OBurm	Bola
	Maru	OBurm	Bola
porcupine	<b><i>pju</i></b> <sup>31</sup> *ʔpjo, *ʔpro, *ʔplo	–	<b><i>pju</i></b> <sup>55</sup>
throw / hurl	<b><i>pjeʔ</i></b> <sup>55</sup> *ʔpjap, *ʔpjat, *ʔprap, *ʔprat, *ʔplap, *ʔplat	–	<b><i>pjeʔ</i></b> <sup>55</sup> *ʔpjap, *ʔpjat, *ʔprap, *ʔprat, *ʔplap, *ʔplat
comb	<b><i>pje</i></b> <sup>35</sup> *ʔpjeH, *ʔpreH, *ʔpleH	–	<b><i>pje</i></b> <sup>35</sup> *ʔpjeX, *ʔpreX, *ʔpleX

*Initial: ʔpj:ph:ʔp*

	Maru	OBurm	Bola
horizontal	<b><i>pji</i></b> <sup>31</sup> *ʔpje, *ʔpre, *ʔple	<b><i>phi</i></b> *pe, *pe, *ʔpe, *ʔpe, *ʔpe, *ʔpe	<b><i>pi</i></b> <sup>55</sup> *ʔpi, *ʔpe

*Initial: ʔs:-:s*

	Maru	OBurm	Bola
stroke / touch	<b><i>sø</i></b> <sup>55</sup>	–	<b><i>søʔ</i></b> <sup>55</sup>
mess up	<b><i>sat</i></b> <sup>55</sup> *ʔsut, *ʔsit	–	<b><i>sot</i></b> <sup>55</sup>

*Initial: ʔs:s:s*

	Maru	OBurm	Bola
tree	<b><i>sak</i></b> <sup>55</sup> *ʔsik	<b><i>sac</i></b> *ʔsik, *sik, *ʃik	<b><i>sak</i></b> <sup>55</sup> *sik
new	<b><i>sak</i></b> <sup>55</sup> *ʔsik	<b><i>sac</i></b> *ʔsik, *sik, *ʃik	<b><i>sak</i></b> <sup>55</sup> *sik
wipe (the table)	<b><i>sat</i></b> <sup>55</sup> *ʔsut, *ʔsit	<b><i>sut</i></b> *ʔsut, *sut, *ʃut	<b><i>sot</i></b> <sup>55</sup>

*Initial: ʔs:s:ʔs*

	Maru	OBurm	Bola
kill	<b><i>sɛʔ</i></b> <sup>55</sup> *ʔsap, *ʔsat	<b><i>sat</i></b> *ʔsat, *sat, *ʃat	<b><i>sɛʔ</i></b> <sup>55</sup> *ʔsap, *ʔsat



Initial: <sup>?</sup>t:-<sup>?</sup>t

	Maru	OBurm	Bola
put in order / arrange	<b>t̥</b> <sup>35</sup> *ʔtaH	–	<b>t̥a</b> <sup>31</sup> *ʔtaH
rise / stand up	<b>t̥</b> <sup>55</sup> *ʔtaX	–	<b>t̥a</b> <sup>55</sup> *ʔtak
light (a fire)	<b>t̥ɛ</b> <sup>55</sup> *ʔtap, *ʔtat	–	<b>t̥ɛ</b> <sup>55</sup> *ʔtap, *ʔtat
infect	<b>t̥ɛ</b> <sup>55</sup> *ʔtap, *ʔtat	–	<b>t̥ɛ</b> <sup>55</sup> *ʔtap, *ʔtat
piece of cloth with straps for carrying a toddler	<b>t̥a</b> <sup>55</sup> *ʔtiX	–	<b>t̥i</b> <sup>35</sup> *ʔtiX, *ʔteX
piss / pee	<b>t̥ak</b> <sup>55</sup> *ʔtik	–	<b>t̥ak</b> <sup>55</sup> *ʔtik
gather (of water) / build up	<b>t̥aŋ</b> <sup>55</sup> *ʔtiŋX	–	<b>t̥aŋ</b> <sup>35</sup> *ʔtiŋX
reverse	<b>t̥uk</b> <sup>55</sup> *ʔtu, *ʔtuH, *ʔtuX	–	<b>t̥au</b> <sup>35</sup> *ʔtuX
catch / capture	<b>t̥auŋ</b> <sup>35</sup> *ʔtuŋH	–	<b>t̥auŋ</b> <sup>35</sup>
welcome, bid s.b. / greet	<b>t̥i</b> <sup>31</sup>	–	<b>t̥ai</b> <sup>55</sup> *ʔtai

Initial: <sup>?</sup>t:k:<sup>?</sup>t

	Maru	OBurm	Bola
paste / stick / glue	<b>t̥ɛ</b> <sup>55</sup> *ʔtap, *ʔtat	<b>kap</b> *gap	<b>t̥ɛ</b> <sup>55</sup> *ʔtap, *ʔtat

Initial: <sup>?</sup>t:t:<sup>?</sup>t

	Maru	OBurm	Bola
tell	<b>t̥</b> <sup>55</sup> *ʔtiX	<b>t̥uiŋ</b>	<b>t̥i</b> <sup>35</sup> *ʔtiX, *ʔteX

Initial: <sup>?</sup>ts:t̥h:n

	Maru	OBurm	Bola
millet	<b>t̥ɛ</b> <sup>55</sup>	<b>chat</b>	<b>n̥</b> <sup>31</sup>

	Maru	OBurm	Bola
	*ʔtsap, *ʔtsat	*ʔtsat, *ʔtʃat, *ʔtsat, *ʔtʃat, *tsat, *tʃat, *tsat, *tʃat	

*Initial: ʔts:tɕh:ʔt*

	Maru	OBurm	Bola
cough	<b>tsuk</b> <sup>55</sup> *ʔtsu, *ʔtsuH, *ʔtsuX	<b>chuiwḥ</b> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<b>təu</b> <sup>31</sup> *ʔtuH

*Initial: ʔts:tɕh:ʔts*

	Maru	OBurm	Bola
lung	<b>tsat</b> <sup>55</sup> *ʔtsut, *ʔtsit	<b>chut</b> *ʔtsut, *ʔtʃut, *ʔtsut, *ʔtʃut, *tsut, *tʃut, *tsut, *tʃut	<b>tsət</b> <sup>55</sup>

*Initial: ʔtʃ:-:tsh*

	Maru	OBurm	Bola
block up / plug	<b>tʃik</b> <sup>55</sup> *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	<b>tshau</b> <sup>35</sup>

*Initial: ʔtʃ:-:tʃ*

	Maru	OBurm	Bola
cook / boil	<b>tʃɔʔ</b> <sup>55</sup> *ʔtʃak	–	<b>tʃaʔ</b> <sup>55</sup>
testicle	<b>tʃik</b> <sup>55</sup> *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	<b>tʃi</b> <sup>35</sup>
borrow (money)	<b>tʃik</b> <sup>55</sup> *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	<b>tʃi</b> <sup>35</sup>

*Initial: ʔtʃ:-:ʔtʃ*

	Maru	OBurm	Bola
decoct (herbal medicine)	<b>tʃɔʔ<sup>55</sup></b> *ʔtʃak	–	<b>tʃaʔ<sup>55</sup></b> *ʔtʃak
kitchen	<b>tʃɔʔ<sup>55</sup></b> *ʔtʃak	–	<b>tʃaʔ<sup>55</sup></b> *ʔtʃak
wet	<b>tʃuk<sup>55</sup></b> *ʔtʃu, *ʔtʃuH, *ʔtʃuX	–	<b>tʃɔʔ<sup>55</sup></b>
narrow	<b>tʃɛʔ<sup>55</sup></b> *ʔtʃap, *ʔtʃat	–	<b>tʃɛʔ<sup>55</sup></b> *ʔtʃap, *ʔtʃat

Initial: ʔɲ:-:ʔɲ

	Maru	OBurm	Bola
want / need	<b>ɲɔ<sup>31</sup></b> *ʔɲa	–	<b>ɲa<sup>55</sup></b> *ʔɲa
count (numbers)	<b>ɲɛʔ<sup>55</sup></b> *ʔɲap, *ʔɲat	–	<b>ɲɛʔ<sup>55</sup></b> *ʔɲap, *ʔɲat

Initial: ʔɲ:ɲ:ʔɲ

	Maru	OBurm	Bola
frost	<b>ɲaɲ<sup>31</sup></b> *ʔɲan, *ʔɲiɲ	<b>nhaɲh</b> *ʔnaɲH, *ʔnaɲH	<b>ɲẽ<sup>55</sup></b> *ʔɲam, *ʔɲan

Initial: ʔɲ:ɲ:ʔɲ

	Maru	OBurm	Bola
bird	<b>ɲɔʔ<sup>55</sup></b> *ʔɲak	<b>ɲhak</b> *ʔɲak, *ʔɲak	<b>ɲaʔ<sup>55</sup></b> *ʔɲak

Initial: ʔɲ:ʔ:ʔɲ

	Maru	OBurm	Bola
needle	<b>ɲɛʔ<sup>55</sup></b> *ʔɲap, *ʔɲat	<b>ap</b> *ʔap	<b>ɲɛʔ<sup>55</sup></b> *ʔɲap, *ʔɲat

## Medial Correspondence

*Medial: j:-:j*

	Maru	OBurm	Bola
drop	<b><i>pjik</i></b> <sup>31</sup> *bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX	—	<b><i>pjɔt</i></b> <sup>31</sup>
stingy	<b><i>pjak</i></b> <sup>31</sup> *bjik, *brik, *blik	—	<b><i>pjak</i></b> <sup>31</sup> *bjik, *brik, *blik
break up (meeting) / end	<b><i>pjɔ</i></b> <sup>31</sup> *bja, *bra, *bla	—	<b><i>pja</i></b> <sup>55</sup> *bja, *bra, *bla
fall down (a house) / collapse	<b><i>kjɔʔ</i></b> <sup>31</sup>	—	<b><i>pjaʔ</i></b> <sup>31</sup> *bjak, *brak, *blak
make a row, racket	<b><i>pjɔʔ</i></b> <sup>55</sup>	—	<b><i>pjaʔ</i></b> <sup>31</sup> *bjak, *brak, *blak
cliff	<b><i>pjɔʔ</i></b> <sup>31</sup> *bjak, *brak, *blak	—	<b><i>pjaʔ</i></b> <sup>31</sup> *bjak, *brak, *blak
jump	<b><i>pjẽ</i></b> <sup>31</sup> *bjam, *bram, *blam	—	<b><i>pjẽ</i></b> <sup>55</sup> *bjam, *bjan, *bram, *bran, *blam, *blan
step / stride	<b><i>pjẽ</i></b> <sup>31</sup> *bjẽ, *brẽ, *blẽ	—	<b><i>pjẽ</i></b> <sup>55</sup> *bjẽ, *brẽ, *blẽ
called, be / named	<b><i>jɔ̃</i></b> <sup>31</sup> *jaŋ	—	<b><i>jɔ̃</i></b> <sup>55</sup> *jaŋ
ask s.b. to come here / fetch	<b><i>jɔ̃</i></b> <sup>31</sup> *jaŋ	—	<b><i>jɔ̃</i></b> <sup>55</sup> *jaŋ
downstairs	<b><i>kjẽ</i></b> <sup>35</sup> *gjamH, *gramH, *glamH	—	<b><i>kjẽ</i></b> <sup>31</sup> *gjamH, *gjanH, *gramH, *granH, *glamH, *glanH
monk	<b><i>kji</i></b> <sup>31</sup> *gje, *gre, *gle	—	<b><i>kji</i></b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
soldier	<b><i>kjẽ</i></b> <sup>31</sup> *gje, *gre, *gle	—	<b><i>kjẽ</i></b> <sup>55</sup> *gje, *gre, *gle
team (of oxen)	<b><i>kja</i></b> <sup>35</sup>	—	<b><i>kja</i></b> <sup>35</sup> *gjaX, *graX, *glaX
cold (weather, water)	<b><i>kjɔʔ</i></b> <sup>31</sup> *gjak, *grak, *glak	—	<b><i>kjaʔ</i></b> <sup>31</sup> *gjak, *grak, *glak

	Maru	OBurm	Bola
thinner, get (body)	<b>kji</b> <sup>55</sup> *gjeX, *greX, *gleX	–	<b>kji</b> <sup>35</sup> *gjiX, *gjeX, *griX, *greX, *gliX, *gleX
copper (note:+red)	<b>kjik</b> <sup>55</sup>	–	<b>kji</b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
eaten one's fill, have	<b>kji</b> <sup>35</sup> *gjeH, *greH, *gleH	–	<b>kji</b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
rust	<b>kjik</b> <sup>55</sup>	–	<b>kji</b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
clear (water)	<b>kjaŋ</b> <sup>35</sup> *gjinH, *grinH, *glinH	–	<b>kjaŋ</b> <sup>31</sup> *gjinH, *grinH, *glinH
open up wasteland	<b>jɔ</b> <sup>31</sup> *ja	–	<b>ja</b> <sup>55</sup> *ja
right	<b>jɔ</b> <sup>31</sup> *ja	–	<b>ja</b> <sup>55</sup> *ja
forest	<b>jɔ</b> <sup>31</sup> *ja	–	<b>ja</b> <sup>55</sup> *ja
angry, be / take offense	<b>jo</b> <sup>31</sup>	–	<b>ja</b> <sup>31</sup> *jaH
lick / lap	<b>jɔʔ</b> <sup>31</sup> *jak	–	<b>jaʔ</b> <sup>31</sup> *jak
edge / rim / margin	<b>jẽ</b> <sup>31</sup> *jam	–	<b>jẽ</b> <sup>55</sup> *jam, *jan
pot / jar / tin	<b>jẽ</b> <sup>35</sup> *jamH	–	<b>jẽ</b> <sup>31</sup> *jamH, *janH
stand	<b>jeʔ</b> <sup>31</sup> *jap, *jat	–	<b>jeʔ</b> <sup>55</sup>
they	<b>jɔ</b> <sup>35</sup> *jaŋH	–	<b>jɔ</b> <sup>31</sup> *jaŋH
gather / assemble	<b>jɔ</b> <sup>35</sup> *jaŋH	–	<b>jɔ</b> <sup>31</sup> *jaŋH
he	<b>jɔ</b> <sup>35</sup> *jaŋH	–	<b>jɔ</b> <sup>31</sup> *jaŋH
dream	<b>jap</b> <sup>31</sup> *jup, *jip	–	<b>jap</b> <sup>55</sup>
flow (of water)	<b>juk</b> <sup>31</sup> *ju, *juH, *juX	–	<b>ju</b> <sup>55</sup>
each / every	<b>jauk</b> <sup>31</sup> *juk	–	<b>jauʔ</b> <sup>31</sup>
grow (a boil)	<b>jauk</b> <sup>31</sup> *juk	–	<b>jauʔ</b> <sup>55</sup>

	Maru	OBurm	Bola
scale	<i>kjeʔ</i> <sup>55</sup> *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat	—	<i>kjeʔ</i> <sup>55</sup> *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat
trivet	<i>kjə</i> <sup>31</sup> *ʔkja, *ʔkra, *ʔkla	—	<i>kja</i> <sup>55</sup> *ʔkja, *ʔkra, *ʔkla
on the other side (of a riv	<i>kjə</i> <sup>31</sup> *ʔkja, *ʔkra, *ʔkla	—	<i>kja</i> <sup>55</sup> *ʔkja, *ʔkra, *ʔkla
turtledove	<i>kju</i> <sup>55</sup> *ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX	—	<i>kju</i> <sup>35</sup>
face	<i>mjaʔ</i> <sup>31</sup> *mjak, *mrak, *mlak	—	<i>mjaʔ</i> <sup>31</sup> *mjak, *mrak, *mlak
mirror	<i>mjoʔ</i> <sup>31</sup>	—	<i>mjaʔ</i> <sup>31</sup> *mjak, *mrak, *mlak
winter	<i>mja</i> <sup>31</sup> *mja, *mra, *mla	—	<i>mja</i> <sup>55</sup> *mja, *mra, *mla
meow	<i>mjaŋ</i> <sup>31</sup> *mjij, *mriŋ, *mliŋ	—	<i>mjaŋ</i> <sup>55</sup> *mjij, *mriŋ, *mliŋ
hot / spicy	<i>phjak</i> <sup>55</sup> *pjik, *prik, *plik	—	<i>phjak</i> <sup>55</sup> *pjik, *prik, *plik
consult / discuss	<i>phje</i> <sup>55</sup> *pjeX, *preX, *pleX	—	<i>phje</i> <sup>35</sup> *pjeX, *preX, *pleX
unseam (clothing)	<i>phjaʔ</i> <sup>55</sup> *pjak, *prak, *plak	—	<i>phjaʔ</i> <sup>55</sup> *pjak, *prak, *plak
split up (bamboo strips)	<i>phja</i> <sup>31</sup> *pja, *pra, *pla	—	<i>phja</i> <sup>55</sup> *pja, *pra, *pla
cooked, be (rice) / done	<i>ŋjaʔ</i> <sup>31</sup> *ŋjak, *ŋrak, *ŋlak	—	<i>ŋjaʔ</i> <sup>31</sup> *ŋjak, *ŋrak, *ŋlak
tongs (fire)	<i>ŋjeʔ</i> <sup>31</sup> *ŋjap, *ŋjat, *ŋrap, *ŋrat, *ŋlap, *ŋlat	—	<i>ŋjeʔ</i> <sup>31</sup> *ŋjap, *ŋjat, *ŋrap, *ŋrat, *ŋlap, *ŋlat
blue	<i>ŋjuk</i> <sup>31</sup> *ŋju, *ŋjuH, *ŋjuX, *ŋru, *ŋruH, *ŋruX, *ŋlu, *ŋluH, *ŋluX	—	<i>ŋjuŋ</i> <sup>55</sup> *ŋjuŋ, *ŋruŋ, *ŋluŋ
askew / awry / slanting	<i>ja</i> <sup>55</sup> *ʔjik	—	<i>ja</i> <sup>55</sup> *ʔjik
divide family property and live apart (offspring)	<i>jam</i> <sup>31</sup> *ʔjum, *ʔjim	—	<i>jam</i> <sup>55</sup>
oneself	<i>jam</i> <sup>31</sup> *ʔjum, *ʔjim	—	<i>jam</i> <sup>55</sup>
comb	<i>kjaʔ</i> <sup>55</sup>	—	<i>kjaʔ</i> <sup>55</sup>

	Maru	OBurm	Bola
frighten / scare	*ʔkjak, *ʔkrak, *ʔklak <b>kjauk</b> <sup>55</sup>	–	*ʔkjak, *ʔkrak, *ʔklak <b>kjauʔ</b> <sup>55</sup>
chisel / bore (a hole)	*ʔkjuk, *ʔkruk, *ʔkluk <b>kjaun</b> <sup>35</sup>	–	<b>kjaun</b> <sup>35</sup>
tasty / delicious	*ʔkjuŋH, *ʔkruŋH, *ʔkluŋH <b>mjaʔ</b> <sup>55</sup>	–	<b>mjaʔ</b> <sup>55</sup>
porcupine	*ʔmjak, *ʔmrak, *ʔmlak <b>pju</b> <sup>31</sup>	–	*ʔmjak, *ʔmrak, *ʔmlak <b>pju</b> <sup>55</sup>
throw / hurl	*ʔpjo, *ʔpro, *ʔplo <b>pjeʔ</b> <sup>55</sup>	–	<b>pjeʔ</b> <sup>55</sup>
comb	*ʔpjap, *ʔpjat, *ʔprap, *ʔprat, *ʔplap, *ʔplat <b>pje</b> <sup>35</sup>	–	*ʔpjap, *ʔpjat, *ʔprap, *ʔprat, *ʔplap, *ʔplat <b>pje</b> <sup>35</sup>
	*ʔpjeH, *ʔpreH, *ʔpleH		*ʔpjeX, *ʔpreX, *ʔpleX

*Medial: j:j:j*

	Maru	OBurm	Bola
fly	<b>jɔ̃</b> <sup>31</sup>	<b>pyam</b>	<b>jɔ̃</b> <sup>55</sup>
drop	*jaŋ <b>kja</b> <sup>55</sup>	*bjam <b>kyaʔ</b>	*jaŋ <b>kja</b> <sup>35</sup>
eye	*gjaX, *graX, *glaX <b>mjaʔ</b> <sup>31</sup>	*gjaX <b>myak</b>	*gjaX, *graX, *glaX <b>mjaʔ</b> <sup>31</sup>
swallow	*mjak, *mrak, *mlak <b>mjuk</b> <sup>31</sup>	*mjak <b>myuiw</b>	*mjak, *mrak, *mlak <b>mjuŋ</b> <sup>55</sup>
	*mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX <b>mjauk</b> <sup>31</sup>	*mju	*mjuŋ, *mruiŋ, *mluiŋ
monkey	*mjuk, *mruk, *mluk <b>mja</b> <sup>35</sup>	<b>myo<sub>2</sub>k</b> *mjuk <b>myah</b>	<b>mjaʔ</b> <sup>31</sup>
many / much	*mjaH, *mraH, *mlaH	*mjaH	<b>mja</b> <sup>31</sup> *mjaH, *mraH, *mlaH

*Medial: j:l:j*

	Maru	OBurm	Bola
full	<b>pjaŋ</b> <sup>55</sup>	<b>plañʔ</b>	<b>pjaŋ</b> <sup>35</sup>
white	*bjinX, *brinX, *blinX <b>phju</b> <sup>31</sup>	*blinX <b>phlu</b>	*bjinX, *brinX, *blinX <b>phju</b> <sup>55</sup>
	*pjo, *pro, *plo	*plu, *ʔplu, *ʔplo	

*Medial: j:r:j*

	Maru	OBurm	Bola
sheath / scabbard	<b><i>pj̃<sup>31</sup></i></b> *bjaŋ, *braŋ, *blaŋ	<b><i>prañ</i></b> *braŋ	<b><i>pj̃<sup>55</sup></i></b> *bjaŋ, *braŋ, *blaŋ
pus	<b><i>pjaŋ<sup>31</sup></i></b> *bjiŋ, *briŋ, *bliŋ	<b><i>prañ</i></b> *briŋ	<b><i>pjaŋ<sup>55</sup></i></b> *bjiŋ, *briŋ, *bliŋ
hear	<b><i>kj̃<sup>35</sup></i></b> *gjaH, *graH, *glaH	<b><i>kraḥ</i></b> *graH	<b><i>kja<sup>31</sup></i></b> *gjaH, *graH, *glaH
tendon / sinew	<b><i>kji<sup>31</sup></i></b> *gje, *gre, *gle	<b><i>kro<sub>2</sub>ḥ</i></b>	<b><i>kji<sup>31</sup></i></b> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
afraid, be	<b><i>kjauk<sup>31</sup></i></b> *gjuk, *gruk, *gluk	<b><i>kro<sub>2</sub>k</i></b> *gruk	<b><i>kjau<sup>31</sup></i></b>
star	<b><i>kji<sup>31</sup></i></b> *ʔkje, *ʔkre, *ʔkle	<b><i>kray</i></b> *grai	<b><i>kji<sup>55</sup></i></b> *ʔkji, *ʔkje, *ʔkri, *ʔkre, *ʔkli, *ʔkle
see	<b><i>mj̃<sup>31</sup></i></b> *mjaŋ, *mraŋ, *mlaŋ	<b><i>mrañ</i></b> *mraŋ	<b><i>mj̃<sup>55</sup></i></b> *mjaŋ, *mraŋ, *mlaŋ
horse	<b><i>mj̃<sup>35</sup></i></b> *mjaŋH, *mraŋH, *mlaŋH	<b><i>mrañḥ</i></b> *mraŋH	<b><i>mj̃<sup>31</sup></i></b> *mjaŋH, *mraŋH, *mlaŋH
mosquito	<b><i>kj̃<sup>31</sup></i></b> *ʔkjaŋ, *ʔkraŋ, *ʔklaŋ	<b><i>khrañ</i></b> *ʔkraŋ, *ʔkraŋ, *kraŋ	<b><i>kj̃<sup>55</sup></i></b> *ʔkjaŋ, *ʔkraŋ, *ʔklaŋ
dry	<b><i>kjauk<sup>55</sup></i></b> *ʔkjuk, *ʔkruk, *ʔkluk	<b><i>khro<sub>2</sub>k</i></b> *ʔkruk, *ʔkruk, *kruk	<b><i>kjau<sup>55</sup></i></b>



## Rime Correspondence

*Rime: -:a:a*

	Maru	OBurm	Bola
patch (clothing)	–	<b><i>pha</i></b> *pa, *ʔpa, *ʔpa	<b><i>pha</i></b> <sup>55</sup> *pa

*Rime: -:an:ẽ ~*

	Maru	OBurm	Bola
salty	–	<b><i>ñan</i></b> *ɲan	<b><i>ɲẽ</i></b> <sup>55</sup> *ɲam, *ɲan

*Rime: -:um:am*

	Maru	OBurm	Bola
warm	–	<b><i>lum</i></b> *lum	<b><i>lam</i></b> <sup>55</sup>

*Rime: -:əw:ju*

	Maru	OBurm	Bola
shrivel up / wither	–	<b><i>ñhuiwḥ</i></b> *ʔpuH, *ʔpuH	<b><i>ɲju</i></b> <sup>35</sup>

*Rime: a:-:a*

	Maru	OBurm	Bola
rake (the fields)	<b><i>pa</i></b> <sup>35</sup>	–	<b><i>pa</i></b> <sup>35</sup> *baX
sock / stocking	<b><i>va</i></b> <sup>31</sup>	–	<b><i>va</i></b> <sup>31</sup> *waH
tile	<b><i>va</i></b> <sup>31</sup>	–	<b><i>va</i></b> <sup>31</sup> *waH
grandfather	<b><i>a</i></b> <sup>31</sup>	–	<b><i>a</i></b> <sup>55</sup> *ʔa

	Maru	OBurm	Bola
elder sister	<b>a</b> <sup>55</sup>	–	<b>a</b> <sup>55</sup> *ʔa
aunt (wife of father's younger brother)	<b>a</b> <sup>31</sup>	–	<b>a</b> <sup>55</sup> *ʔa

*Rime: a:-:ai*

	Maru	OBurm	Bola
aunt (father's sister)	<b>na</b> <sup>31</sup> *ni	–	<b>nai</b> <sup>55</sup> *nai

*Rime: a:-:i*

	Maru	OBurm	Bola
piece of cloth with straps for carrying a toddler	<b>ta</b> <sup>55</sup> *ʔtiX	–	<b>ti</b> <sup>35</sup> *ʔtiX, *ʔteX

*Rime: a:-:ji*

	Maru	OBurm	Bola
be (in the house)	<b>na</b> <sup>31</sup> *ni	–	<b>ŋji</b> <sup>55</sup> *ŋji, *ŋje, *ŋri, *ŋre, *ŋli, *ŋle

*Rime: a:-:ui*

	Maru	OBurm	Bola
date (time)	<b>pa</b> <sup>31</sup>	–	<b>pui</b> <sup>55</sup> *bui

*Rime: a:-:ε?*

	Maru	OBurm	Bola
set on fire	<b>ŋa</b> <sup>55</sup>	–	<b>tεɿ</b> <sup>55</sup> *ʔtap, *ʔtat

*Rime: a:u:u*

Rime Correspondence

	Maru	OBurm	Bola
intestine	<b>a</b>	<b>u</b> *ʔu	<b>u</b> <sup>55</sup>

Rime: a:uj:ui

	Maru	OBurm	Bola
blood	<b>sa</b> <sup>35</sup>	<b>suyḥ</b> *ʔsuiH, *suiH, *ʃuiH	<b>sui</b> <sup>35</sup> *suiX
dog	<b>kha</b> <sup>35</sup>	<b>khuyḥ</b> *ʔkuiH, *ʔkuiH, *kuiH	<b>khui</b> <sup>35</sup> *kuiX

Rime: a:əj:i

	Maru	OBurm	Bola
catch cold	<b>la</b> <sup>31</sup> *li	<b>liy</b> *li	<b>li</b> <sup>55</sup> *li, *le
bow (for arrow)	<b>la</b> <sup>35</sup> *liH	<b>liyḥ</b> *liH	<b>li</b> <sup>31</sup> *liH, *leH
heavy	<b>la</b> <sup>35</sup> *liH	<b>liyḥ</b> *liH	<b>li</b> <sup>31</sup> *liH, *leH

Rime: a:əj:ji

	Maru	OBurm	Bola
day (time)	<b>na</b> <sup>55</sup> *niX	<b>niyʔ</b> *niX	<b>ṇji</b> <sup>35</sup> *ṇjiX, *ṇjeX, *ṇriX, *ṇreX, *ṇliX, *ṇleX

Rime: a:əj:ui

	Maru	OBurm	Bola
flea	<b>la</b> <sup>35</sup> *ʔliH	<b>lhiyḥ</b> *ʔliH, *ʔliH	<b>lui</b> <sup>35</sup> *ʔluiX

Rime: a:əŋ:i

	Maru	OBurm	Bola
tell	<b>ta</b> <sup>55</sup>	<b>tuin</b>	<b>tj</b> <sup>35</sup>

	Maru	OBurm	Bola
	*ʔtiX		*ʔtiX, *ʔteX

*Rime: ai:-ai*

	Maru	OBurm	Bola
sister-in-law (elder brother's)	<b>pai</b> <sup>35</sup> *baiH	–	<b>pai</b> <sup>31</sup> *baiH
true	<b>kai</b> <sup>31</sup> *gai	–	<b>kai</b> <sup>55</sup> *gai
stir-fry	<b>lai</b> <sup>31</sup> *ʔlai	–	<b>lai</b> <sup>55</sup> *ʔlai
sever (a rope)	<b>lai</b> <sup>55</sup> *ʔlaiX	–	<b>lai</b> <sup>35</sup> *ʔlaiX
smoke / fumigate	<b>mai</b> <sup>31</sup> *ʔmai	–	<b>mai</b> <sup>55</sup> *ʔmai
press / push down	<b>nai</b> <sup>55</sup> *ʔnaiX	–	<b>nai</b> <sup>35</sup> *ʔnaiX

*Rime: ai:-i*

	Maru	OBurm	Bola
mat	<b>sai</b> <sup>35</sup> *saiH	–	<b>ʃi</b> <sup>31</sup>

*Rime: ai:aj:ai*

	Maru	OBurm	Bola
small	<b>ɲai</b> <sup>31</sup> *ɲai	<b>ṇay</b> *ɲai	<b>ɲai</b> <sup>55</sup> *ɲai
gnaw / nibble	<b>khai</b> <sup>35</sup> *kaiH	<b>khayḥ</b> *ʔkaiH, *ʔkaiH, *kaiH	<b>khai</b> <sup>35</sup> *kaiX

*Rime: ai:aj:ɛ*

	Maru	OBurm	Bola
buy	<b>vai</b> <sup>31</sup> *wai	<b>way</b> *wai	<b>vɛ</b> <sup>55</sup> *wɛ

*Rime: ai:un:ai*

	Maru	OBurm	Bola
hate	<b>mai</b> <sup>35</sup> *maiH	<b>munḥ</b>	<b>mai</b> <sup>31</sup> *maiH

*Rime: ak:-:ak*

	Maru	OBurm	Bola
respective / individual / each	<b>khak</b> <sup>55</sup> *kik	–	<b>khak</b> <sup>55</sup> *kik
hail	<b>lak</b> <sup>31</sup> *lik	–	<b>lak</b> <sup>31</sup> *lik
tangerine	<b>mak</b> <sup>31</sup> *mik	–	<b>mak</b> <sup>31</sup> *mik
plait	<b>nak</b> <sup>31</sup> *nik	–	<b>nak</b> <sup>31</sup> *nik
plank / board	<b>sak</b> <sup>55</sup> *sik	–	<b>sak</b> <sup>55</sup> *sik
parcel / sack (of things)	<b>kak</b> <sup>55</sup> *ʔkik	–	<b>kak</b> <sup>55</sup> *ʔkik
scold	<b>nak</b> <sup>55</sup> *ʔnik	–	<b>nak</b> <sup>55</sup>
kick	<b>pak</b> <sup>55</sup> *ʔpik	–	<b>pak</b> <sup>55</sup> *ʔpik
piss / pee	<b>tak</b> <sup>55</sup> *ʔtik	–	<b>tak</b> <sup>55</sup> *ʔtik

*Rime: ak:-:əi*

	Maru	OBurm	Bola
come loose (shoelace)	<b>pak</b> <sup>31</sup> *bik	–	<b>pəi</b> <sup>55</sup>
untie / undo	<b>phak</b> <sup>55</sup> *pik	–	<b>phəi</b> <sup>55</sup>

*Rime: ak:ac:ak*

	Maru	OBurm	Bola
war, go to / battle	<b>pak</b> <sup>31</sup> *bik	<b>pac</b> *bik	<b>pak</b> <sup>31</sup> *bik

	Maru	OBurm	Bola
tree	<b>sak</b> <sup>55</sup> *ʔsik	<b>sac</b> *ʔsik, *sik, *ʃik	<b>sak</b> <sup>55</sup> *sik
wood / log	<b>sak</b> <sup>55</sup> *sik	<b>sac</b> *ʔsik, *sik, *ʃik	<b>sak</b> <sup>55</sup> *sik
new	<b>sak</b> <sup>55</sup> *ʔsik	<b>sac</b> *ʔsik, *sik, *ʃik	<b>sak</b> <sup>55</sup> *sik
last year	<b>nak</b> <sup>55</sup> *ʔnik	<b>nhac</b> *ʔnik, *ʔnik	<b>nak</b> <sup>55</sup> *ʔnik
heart	<b>nak</b> <sup>55</sup> *ʔnik	<b>nhac</b> *ʔnik, *ʔnik	<b>nak</b> <sup>55</sup> *ʔnik

*Rime: ak:ac:ε*

	Maru	OBurm	Bola
we (two)	<b>nak</b> <sup>55</sup> *ʔnik	<b>nhac</b> *ʔnik, *ʔnik	<b>ne</b> <sup>55</sup> *ʔne

*Rime: ak:an:ak*

	Maru	OBurm	Bola
prize / pry	<b>kak</b> <sup>31</sup> *gik	<b>kan?</b> *ganX	<b>kak</b> <sup>31</sup> *gik

*Rime: am:-:am*

	Maru	OBurm	Bola
hill / mountain	<b>pam</b> <sup>31</sup> *bum, *bim	–	<b>pam</b> <sup>55</sup>
rely / lean on	<b>lam</b> <sup>31</sup> *lum, *lim	–	<b>lam</b> <sup>55</sup>
classifier for brooms	<b>lam</b> <sup>35</sup> *lumH, *limH	–	<b>lam</b> <sup>31</sup>
head	<b>lam</b> <sup>35</sup> *lumH, *limH	–	<b>lam</b> <sup>31</sup>

*Rime: am:im:am*

	Maru	OBurm	Bola
soak / steep	<b>tjam</b> <sup>31</sup> *dzum, *dzim	<b>cim</b> *dzim, *dzim	<b>tjam</b> <sup>55</sup>

*Rime: am:um:am*

	Maru	OBurm	Bola
heart	<b>lam</b> <sup>35</sup> *lumH, *limH	<b>lumḥ</b> *lumH	<b>lam</b> <sup>31</sup>
three	<b>sam</b> <sup>31</sup> *sum, *sim	<b>sumḥ</b> *ʔsumH, *sumH, *ʃumH	<b>sam</b> <sup>55</sup>

*Rime: ap:up:ap*

	Maru	OBurm	Bola
rot	<b>pap</b> <sup>31</sup> *bup, *bip	<b>pup</b> *bup	<b>pap</b> <sup>31</sup>

*Rime: at:-:ɔt*

	Maru	OBurm	Bola
seventeen	<b>nat</b> <sup>55</sup> *ʔnut, *ʔnit	–	<b>nɔt</b> <sup>55</sup>
mess up	<b>sət</b> <sup>55</sup> *ʔsut, *ʔsit	–	<b>sɔt</b> <sup>55</sup>

*Rime: at:u:ɔt*

	Maru	OBurm	Bola
fight / vie for	<b>lat</b> <sup>55</sup> *ʔlut, *ʔlit	<b>luʔ</b> *lɔX	<b>lɔt</b> <sup>55</sup>

*Rime: at:ut:ɔt*

	Maru	OBurm	Bola
lip	<b>nat</b> <sup>55</sup> *ʔnut, *ʔnit	<b>nhut</b> *ʔnut, *ʔnut	<b>nɔt</b> <sup>55</sup>
wipe (the table)	<b>sət</b> <sup>55</sup> *ʔsut, *ʔsit	<b>sut</b> *ʔsut, *sut, *ʃut	<b>sɔt</b> <sup>55</sup>
lung	<b>tsət</b> <sup>55</sup> *ʔtsut, *ʔtsit	<b>chut</b> *ʔtsut, *ʔtʃut, *ʔtsut, *ʔtʃut, *tsut, *tʃut, *tsut, *tʃut	<b>tsɔt</b> <sup>55</sup>

*Rime: at:ək:ɔt*

	Maru	OBurm	Bola
nest (bird)	<b>sat</b> <sup>55</sup> *sut, *sit	<b>suik</b>	<b>sɔt</b> <sup>55</sup>

*Rime: au:-:au*

	Maru	OBurm	Bola
sweat	<b>pau</b> <sup>31</sup>	–	<b>pau</b> <sup>31</sup> *buH
few / little	<b>ʃau</b> <sup>31</sup>	–	<b>ʃau</b> <sup>31</sup> *ʃuH
bottle (of wine)	<b>tau</b> <sup>35</sup>	–	<b>təu</b> <sup>35</sup> *ʔtuX

*Rime: au:-:u*

	Maru	OBurm	Bola
calf	<b>pau</b> <sup>55</sup>	–	<b>pɯ</b> <sup>31</sup>
cotton	<b>əu</b> <sup>31</sup>	–	<b>u</b> <sup>55</sup>

*Rime: au:-:ɔ*

	Maru	OBurm	Bola
chick	<b>nau</b> <sup>55</sup>	–	<b>nɔ</b> <sup>35</sup>
classifier for birds	<b>tau</b> <sup>35</sup>	–	<b>tɔ</b> <sup>31</sup>
baby	<b>nau</b> <sup>55</sup>	–	<b>nɔ</b> <sup>35</sup>

*Rime: au:-:ɔʔ*

	Maru	OBurm	Bola
body	<b>tau</b> <sup>35</sup>	–	<b>tɔʔ</b> <sup>31</sup>



*Rime: au:i:u*

	Maru	OBurm	Bola
oil (animal)	<b>tshau</b> <sup>31</sup>	<b>chi</b> *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *tse, *tse, *tʃe, *tʃe, *tse, *tse, *tʃe, *tʃe	<b>tshu</b> <sup>55</sup>

*Rime: au:u:ũ*

	Maru	OBurm	Bola
brains	<b>au</b> <sup>35</sup>	<b>uḥ</b> *ʔuH	<b>ũ</b> <sup>35</sup>

*Rime: auk:-:au?*

	Maru	OBurm	Bola
pick up	<b>kauk</b> <sup>31</sup> *guk	–	<b>kau?</b> <sup>31</sup>
smoke (a cigarette)	<b>pauk</b> <sup>55</sup> *ʔpuk	–	<b>pau?</b> <sup>55</sup>
plough / till	<b>phauk</b> <sup>55</sup> *puk	–	<b>phau?</b> <sup>55</sup>
shave (the head)	<b>yauk</b> <sup>31</sup> *ruk	–	<b>yau?</b> <sup>31</sup>
open (an umbrella)	<b>thauk</b> <sup>55</sup> *tuk	–	<b>thau?</b> <sup>55</sup>

*Rime: auk:uk:au?*

	Maru	OBurm	Bola
rice (paddy)	<b>kauk</b> <sup>31</sup> *guk	<b>ko<sub>2</sub>k</b> *guk	<b>kau?</b> <sup>31</sup>
use or lean on (a walking stick)	<b>thauk</b> <sup>55</sup> *tuk	<b>tho<sub>2</sub>k</b> *ʔtuk, *ʔtuk, *tuk	<b>thau?</b> <sup>55</sup>
drink	<b>ʃauk</b> <sup>55</sup> *ʔrjuk, *ʃuk	<b>so<sub>2</sub>k</b> *ʔsuk, *suk, *ʃuk	<b>ʃau?</b> <sup>55</sup>

*Rime: auŋ:-:am*

	Maru	OBurm	Bola
wood / log	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>tam</b> <sup>35</sup>

*Rime: auŋ:-:auŋ*

	Maru	OBurm	Bola
steamer (of bamboo, for food)	<b>pauŋ</b> <sup>35</sup> *buŋH	–	<b>pauŋ</b> <sup>31</sup>
rice (glutinous)	<b>pauŋ</b> <sup>35</sup> *buŋH	–	<b>pauŋ</b> <sup>31</sup>
dragon	<b>tʃauŋ</b> <sup>35</sup> *dʒuŋH	–	<b>tʃauŋ</b> <sup>31</sup>
catch / capture	<b>təuŋ</b> <sup>35</sup> *ʔtuŋH	–	<b>təuŋ</b> <sup>35</sup>
paddy fields	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>thauŋ</b> <sup>35</sup>
pestle / pound	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>thauŋ</b> <sup>35</sup>

*Rime: auŋ:-:jĩ ~*

	Maru	OBurm	Bola
manger	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>mjĩ</b> <sup>31</sup> *mjaŋH, *mraŋH, *mlaŋH

*Rime: auŋ:uŋ:auŋ*

	Maru	OBurm	Bola
wing	<b>tauŋ</b> <sup>31</sup> *duŋ	<b>to<sub>2</sub>ñ</b> *duŋ	<b>tauŋ</b> <sup>55</sup>
sell	<b>auŋ</b> <sup>35</sup> *ʔuŋH	<b>ro<sub>2</sub>ñh</b> *ruŋH	<b>auŋ</b> <sup>35</sup>

*Rime: auʔ:-:auʔ*

	Maru	OBurm	Bola
buttocks	<b>tʃhauʔ</b> <sup>55</sup>	–	<b>tʃhauʔ</b> <sup>55</sup>

Rime: aŋ:-:aŋ

	Maru	OBurm	Bola
guest	<b>paŋ</b> <sup>55</sup> *biŋX	—	<b>paŋ</b> <sup>35</sup> *biŋX
sow	<b>tsaŋ</b> <sup>31</sup> *dziŋ	—	<b>taŋ</b> <sup>55</sup> *dziŋ, *dziŋ
mare	<b>tsaŋ</b> <sup>31</sup> *dziŋ	—	<b>taŋ</b> <sup>55</sup> *dziŋ, *dziŋ
pillar / column	<b>tsaŋ</b> <sup>31</sup> *dziŋ	—	<b>taŋ</b> <sup>55</sup> *dziŋ, *dziŋ
bundle / sheaf	<b>taŋ</b> <sup>35</sup> *diŋH	—	<b>taŋ</b> <sup>31</sup> *diŋH, *dziŋH
neck	<b>tsaŋ</b> <sup>35</sup> *dziŋH	—	<b>taŋ</b> <sup>31</sup> *dziŋH, *dziŋH
get together, all / assemble	<b>tsaŋ</b> <sup>35</sup> *dziŋH	—	<b>tsaŋ</b> <sup>31</sup>
Tibetan	<b>tsaŋ</b> <sup>35</sup> *dziŋH	—	<b>tsaŋ</b> <sup>35</sup>
roll up (cloth)	<b>tshaŋ</b> <sup>31</sup> *tsiŋ	—	<b>taŋ</b> <sup>31</sup> *diŋH, *dziŋH
believe / trust	<b>tfaŋ</b> <sup>55</sup> *dʒiŋX	—	<b>tfaŋ</b> <sup>35</sup> *dʒiŋX
solid	<b>kaŋ</b> <sup>35</sup> *ganH, *giŋH	—	<b>kaŋ</b> <sup>31</sup> *giŋH
fall over / down	<b>laŋ</b> <sup>35</sup> *liŋH	—	<b>laŋ</b> <sup>31</sup> *liŋH
soup	<b>yaŋ</b> <sup>35</sup> *riŋH	—	<b>yaŋ</b> <sup>31</sup>
host / master	<b>saŋ</b> <sup>31</sup> *siŋ	—	<b>saŋ</b> <sup>55</sup> *siŋ
manage / control	<b>saŋ</b> <sup>31</sup> *siŋ	—	<b>saŋ</b> <sup>55</sup> *siŋ
oneself	<b>saŋ</b> <sup>31</sup> *siŋ	—	<b>saŋ</b> <sup>55</sup> *siŋ
circle / hover / wheel	<b>laŋ</b> <sup>31</sup> *ʔliŋ	—	<b>laŋ</b> <sup>55</sup> *ʔliŋ
overthrow / down with	<b>laŋ</b> <sup>31</sup> *ʔliŋ	—	<b>laŋ</b> <sup>35</sup> *ʔliŋX
gold	<b>xaŋ</b> <sup>31</sup> *ʔriŋ	—	<b>xaŋ</b> <sup>55</sup>
stamp (one's foot)	<b>thaŋ</b> <sup>55</sup> *tiŋX	—	<b>thaŋ</b> <sup>35</sup> *tiŋX, *tsiŋX
gather (of water) / build up	<b>taŋ</b> <sup>55</sup>	—	<b>taŋ</b> <sup>35</sup>

	Maru	OBurm	Bola
	*ʔtiŋX		*ʔtiŋX

*Rime: aŋ:-:ẽ ~*

	Maru	OBurm	Bola
loom	<b><i>kaŋ</i></b> <sup>35</sup> *ganH, *giŋH	–	<b><i>kẽ</i></b> <sup>31</sup> *gamH, *ganH

*Rime: aŋ:am:ẽ ~*

	Maru	OBurm	Bola
rainbow	<b><i>kaŋ</i></b> <sup>35</sup> *ganH, *giŋH	<b><i>tam</i></b> *dam	<b><i>kẽ</i></b> <sup>31</sup> *gamH, *ganH

*Rime: aŋ:aŋ:ẽ ~*

	Maru	OBurm	Bola
frost	<b><i>ŋaŋ</i></b> <sup>31</sup> *ʔŋan, *ʔŋiŋ	<b><i>nhañh</i></b> *ʔnaŋH, *ʔnaŋH	<b><i>ŋẽ</i></b> <sup>55</sup> *ʔŋam, *ʔŋan

*Rime: aŋ:aŋ:aŋ*

	Maru	OBurm	Bola
drum	<b><i>tsaŋ</i></b> <sup>31</sup> *dziŋ	<b><i>cañ</i></b> *dziŋ, *dʒiŋ	<b><i>taŋ</i></b> <sup>55</sup> *diŋ, *dziŋ
neck	<b><i>laŋ</i></b> <sup>31</sup> *liŋ	<b><i>lañ</i></b> *liŋ	<b><i>laŋ</i></b> <sup>55</sup> *liŋ
lie down	<b><i>laŋ</i></b> <sup>35</sup> *liŋH	<b><i>lañh</i></b> *liŋH	<b><i>laŋ</i></b> <sup>35</sup> *liŋX
name	<b><i>maŋ</i></b> <sup>31</sup> *miŋ	<b><i>mañ</i></b> *miŋ	<b><i>maŋ</i></b> <sup>55</sup> *miŋ
nail	<b><i>saŋ</i></b> <sup>35</sup> *siŋH	<b><i>sañh</i></b> *ʔsiŋH, *siŋH, *ʃiŋH	<b><i>saŋ</i></b> <sup>35</sup> *siŋX
liver	<b><i>saŋ</i></b> <sup>35</sup> *siŋH	<b><i>sañh</i></b> *ʔsiŋH, *siŋH, *ʃiŋH	<b><i>saŋ</i></b> <sup>35</sup> *siŋX
ripe, be (fruit)	<b><i>maŋ</i></b> <sup>55</sup> *ʔmiŋX	<b><i>mhañ?</i></b> *ʔmiŋX, *ʔmiŋX	<b><i>maŋ</i></b> <sup>35</sup> *ʔmiŋX
long	<b><i>xaŋ</i></b> <sup>31</sup> *ʔriŋ	<b><i>rhañ</i></b> *ʔriŋ, *ʔriŋ	<b><i>xaŋ</i></b> <sup>55</sup>

*Rime: aŋ:im:aŋ*

	Maru	OBurm	Bola
roll	<b>laŋ</b> <sup>55</sup> *liŋX	<b>lim?</b> *limX	<b>laŋ</b> <sup>35</sup> *liŋX

*Rime: i:-ŋ*

	Maru	OBurm	Bola
seed of Chinese prickly ash	<b>ʃi</b> <sup>35</sup> *ʔrjeH, *ʃeH	–	<b>ʃ</b> <sup>35</sup> *ʃiX, *ʃeX

*Rime: i:i:ui*

	Maru	OBurm	Bola
bear (fruit)	<b>ʃi</b> <sup>35</sup> *ʔrjeH, *ʃeH	<b>sih</b> *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	<b>tui</b> <sup>31</sup> *duiH, *dzuiH

*Rime: i:i:ŋ*

	Maru	OBurm	Bola
fruit	<b>ʃi</b> <sup>35</sup> *ʔrjeH, *ʃeH	<b>sih</b> *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	<b>ʃ</b> <sup>35</sup> *ʃiX, *ʃeX

*Rime: ik:-:au*

	Maru	OBurm	Bola
block up / plug	<b>tʃik</b> <sup>55</sup> *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	<b>tshau</b> <sup>35</sup>

*Rime: ik:-:i*

	Maru	OBurm	Bola
tears	<b>pik</b> <sup>31</sup> *bi, *biH, *biX	–	<b>pi</b> <sup>55</sup> *bi, *be
muntjac / deer (barking)	<b>tʃhik</b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	–	<b>tʃhi</b> <sup>55</sup> *tʃi, *tʃe

*Rime: ik:-:ŋ*

	Maru	OBurm	Bola
testicle	<b><i>tfik</i></b> <sup>55</sup> *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	<b><i>tfŋ</i></b> <sup>35</sup>
cigarette / tobacco	<b><i>tfhik</i></b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	–	<b><i>tfhŋ</i></b> <sup>35</sup>

*Rime: ik:-:ŋ̄*

	Maru	OBurm	Bola
borrow (money)	<b><i>tfik</i></b> <sup>55</sup> *ʔtʃi, *ʔtʃiH, *ʔtʃiX	–	<b><i>tfŋ</i></b> <sup>35</sup>

*Rime: ik:əj:ŋ*

	Maru	OBurm	Bola
die	<b><i>fik</i></b> <sup>31</sup>	<b><i>siy</i></b> *ʔsi, *si, *ʃi	<b><i>ŋ</i></b> <sup>55</sup> *ʃi, *ʃe
wash (clothes)	<b><i>tfhik</i></b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	<b><i>chiyh</i></b> *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	<b><i>tfhŋ</i></b> <sup>35</sup>
medicine	<b><i>tfhik</i></b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	<b><i>chiyh</i></b> *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	<b><i>tfhŋ</i></b> <sup>35</sup>

*Rime: iŋ:an:ɔn*

	Maru	OBurm	Bola
louse	<b><i>ŋiŋ</i></b> <sup>35</sup>	<b><i>sanh</i></b> *ʔsanH, *sanH, *ʃanH	<b><i>ʃɔn</i></b> <sup>35</sup>

*Rime: ja:-:ja*

	Maru	OBurm	Bola
team (of oxen)	<b><i>kja</i></b> <sup>35</sup>	–	<b><i>kja</i></b> <sup>35</sup> *gjaX, *graX, *glaX

*Rime: jak:-:ak*

	Maru	OBurn	Bola
locust	<b>khjak</b> <sup>55</sup> *kjik, *krik, *klik	–	<b>khjak</b> <sup>55</sup> *kjik, *krik, *klik

*Rime: jak:-:jak*

	Maru	OBurn	Bola
stingy	<b>pjak</b> <sup>31</sup> *bjik, *brik, *blik	–	<b>pjak</b> <sup>31</sup> *bjik, *brik, *blik
hot / spicy	<b>phjak</b> <sup>55</sup> *pjik, *prik, *plik	–	<b>phjak</b> <sup>55</sup> *pjik, *prik, *plik
askew / awry / slanting	<b>jak</b> <sup>55</sup> *ʔjik	–	<b>jak</b> <sup>55</sup> *ʔjik

*Rime: jak:-:ũ*

	Maru	OBurn	Bola
turn one's head to the back	<b>jak</b> <sup>55</sup> *ʔjik	–	<b>ũ</b> <sup>35</sup>

*Rime: jam:-:jam*

	Maru	OBurn	Bola
oneself	<b>jām</b> <sup>31</sup> *ʔjum, *ʔjim	–	<b>jām</b> <sup>55</sup>

*Rime: jam:im:jam*

	Maru	OBurn	Bola
house	<b>jām</b> <sup>31</sup> *ʔjum, *ʔjim	<b>im</b> *ʔim, *ʔjim, *jim	<b>jām</b> <sup>55</sup>

*Rime: jap:ip:jap*

	Maru	OBurn	Bola
dream	<b>jap</b> <sup>31</sup>	<b>ip</b>	<b>jap</b> <sup>55</sup>

	Maru	OBurm	Bola
	*jup, *jip	*ʔip, *ʔjip, *jip	

*Rime: jap:lup:ap*

	Maru	OBurm	Bola
sew (up)	<b>khjap</b> <sup>55</sup> *kjup, *kjip, *krup, *krip, *klup, *klip	<b>khlap</b> *ʔklup, *ʔklup, *klup	<b>khjap</b> <sup>55</sup>

*Rime: jau:-:au*

	Maru	OBurm	Bola
buckwheat	<b>khjau</b> <sup>31</sup>	–	<b>khjau</b> <sup>31</sup> *kjuH, *kruH, *kluH

*Rime: jauk:-:jau?*

	Maru	OBurm	Bola
grow (a boil)	<b>jauk</b> <sup>31</sup> *juk	–	<b>jau?</b> <sup>55</sup>
frighten / scare	<b>kjauk</b> <sup>55</sup> *ʔkjuk, *ʔkruk, *ʔkluk	–	<b>kjau?</b> <sup>55</sup>

*Rime: jauk:jok:jau?*

	Maru	OBurm	Bola
monkey	<b>mjauk</b> <sup>31</sup> *mjuk, *mrjuk, *mluk	<b>myo<sub>2</sub>k</b> *mjuk	<b>mjau?</b> <sup>31</sup>

*Rime: jauk:rok:au?*

	Maru	OBurm	Bola
six	<b>khjauk</b> <sup>55</sup> *kjuk, *kruk, *kluk	<b>khro<sub>2</sub>k</b> *ʔkruk, *ʔkruk, *kruk	<b>khjau?</b> <sup>55</sup>

*Rime: jauk:rok:jau?*



	Maru	OBurm	Bola
afraid, be	<b><i>kjauk</i></b> <sup>31</sup>	<b><i>kro<sub>2</sub>k</i></b>	<b><i>kjau?</i></b> <sup>31</sup>
	*gjuk, *gruk, *gluk	*gruk	
dry	<b><i>kjauk</i></b> <sup>55</sup>	<b><i>khro<sub>2</sub>k</i></b>	<b><i>kjaü?</i></b> <sup>55</sup>
	*ʔkjuk, *ʔkruk, *ʔkluk	*ʔkruk, *ʔkruk, *kruk	

*Rime: jauk:uk:jau?*

	Maru	OBurm	Bola
man	<b><i>jauk</i></b> <sup>31</sup>	<b><i>yo<sub>2</sub>k</i></b>	<b><i>jau?</i></b> <sup>31</sup>
	*juk	*ʔjuk, *juk	

*Rime: jauŋ:-:auŋ*

	Maru	OBurm	Bola
onion / scallion	<b><i>khjaun</i></b> <sup>35</sup>	–	<b><i>paun</i></b> <sup>31</sup>
	*kjuŋH, *kruŋH, *klunH		

*Rime: jauŋ:-:jaun*

	Maru	OBurm	Bola
chisel / bore (a hole)	<b><i>kjaun</i></b> <sup>35</sup>	–	<b><i>kjaun</i></b> <sup>35</sup>
	*ʔkjuŋH, *ʔkruŋH, *ʔklunH		

*Rime: jauŋ:juŋ:auŋ*

	Maru	OBurm	Bola
cough	<b><i>khjaun</i></b> <sup>35</sup>	<b><i>khyo<sub>2</sub>nḥ</i></b>	<b><i>khjaun</i></b> <sup>35</sup>
	*kjuŋH, *kruŋH, *klunH	*ʔkjuŋH, *ʔkjuŋH, *kjuŋH	

*Rime: jaŋ:-:jaŋ*

	Maru	OBurm	Bola
clear (water)	<b><i>kjaŋ</i></b> <sup>35</sup>	–	<b><i>kjaŋ</i></b> <sup>31</sup>
	*gjinH, *grinH, *glinH		*gjinH, *grinH, *glinH
meow	<b><i>mjaŋ</i></b> <sup>31</sup>	–	<b><i>mjaŋ</i></b> <sup>55</sup>
	*mjij, *mrin, *mlin		*mjij, *mrin, *mlin

*Rime: jaŋ:laŋ:jaŋ*

	Maru	OBurm	Bola
full	<b>pjaŋ</b> <sup>55</sup> *bjiŋX, *briŋX, *bliŋX	<b>plañ?</b> *bliŋX	<b>pjaŋ</b> <sup>35</sup> *bjiŋX, *briŋX, *bliŋX

*Rime: jaŋ:raŋ:jaŋ*

	Maru	OBurm	Bola
pus	<b>pjaŋ</b> <sup>31</sup> *bjiŋ, *briŋ, *bliŋ	<b>prañ</b> *briŋ	<b>pjaŋ</b> <sup>55</sup> *bjiŋ, *briŋ, *bliŋ

*Rime: jhaŋ:raŋ:aŋ*

	Maru	OBurm	Bola
thread	<b>kjhaŋ</b> <sup>31</sup>	<b>khrañ</b> *ʔkriŋ, *ʔkriŋ, *kriŋ	<b>khjaŋ</b> <sup>55</sup> *kjiŋ, *kriŋ, *kliŋ

*Rime: ji:-:i*

	Maru	OBurm	Bola
rescue / save	<b>khji</b> <sup>31</sup> *kje, *kre, *kle	–	<b>khji</b> <sup>55</sup> *kji, *kje, *kri, *kre, *kli, *kle
marry	<b>mji</b> <sup>35</sup> *mjeH, *mreH, *mleH	–	<b>mi</b> <sup>31</sup> *miH, *meH

*Rime: ji:-:ji*

	Maru	OBurm	Bola
monk	<b>kji</b> <sup>31</sup> *gje, *gre, *gle	–	<b>kji</b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
thinner, get (body)	<b>kji</b> <sup>55</sup> *gjeX, *greX, *gleX	–	<b>kji</b> <sup>35</sup> *gjiX, *gjeX, *griX, *greX, *gliX, *gleX
eaten one's fill, have	<b>kji</b> <sup>35</sup> *gjeH, *greH, *gleH	–	<b>kji</b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH

*Rime: ji:i:i*

	Maru	OBurm	Bola
horizontal	<b><i>pji</i></b> <sup>31</sup> *ʔpje, *ʔpre, *ʔple	<b><i>phi</i></b> *pe, *pɛ, *ʔpe, *ʔpɛ, *ʔpe, *ʔpɛ	<b><i>pi</i></b> <sup>55</sup> *ʔpi, *ʔpe

*Rime: ji:raj:ji*

	Maru	OBurm	Bola
star	<b><i>kji</i></b> <sup>31</sup> *ʔkje, *ʔkre, *ʔkle	<b><i>kray</i></b> *grai	<b><i>kji</i></b> <sup>55</sup> *ʔkji, *ʔkje, *ʔkri, *ʔkre, *ʔkli, *ʔkle

*Rime: ji:ru:ji*

	Maru	OBurm	Bola
tendon / sinew	<b><i>kji</i></b> <sup>31</sup> *gje, *gre, *gle	<b><i>kro<sub>2</sub>h</i></b>	<b><i>kji</i></b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH

*Rime: jik:-:i*

	Maru	OBurm	Bola
offer / dedicate	<b><i>pjik</i></b> <sup>55</sup>	–	<b><i>pi</i></b> <sup>31</sup> *biH, *beH
puttee	<b><i>khjik</i></b> <sup>31</sup>	–	<b><i>khji</i></b> <sup>55</sup> *kji, *kje, *kri, *kre, *kli, *kle
ankle	<b><i>khjik</i></b> <sup>31</sup>	–	<b><i>khji</i></b> <sup>55</sup> *kji, *kje, *kri, *kre, *kli, *kle

*Rime: jik:-:ji*

	Maru	OBurm	Bola
copper (note:+red)	<b><i>kjik</i></b> <sup>55</sup>	–	<b><i>kji</i></b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
rust	<b><i>kjik</i></b> <sup>55</sup>	–	<b><i>kji</i></b> <sup>31</sup>

	Maru	OBurm	Bola
			*gjiH, *gjeH, *griH, *greH, *gliH, *gleH

*Rime: jik:-:jɔt*

	Maru	OBurm	Bola
drop	<b><i>pjik</i></b> <sup>31</sup> *bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX	–	<b><i>pjɔt</i></b> <sup>31</sup>

*Rime: jik:ləj:i*

	Maru	OBurm	Bola
excrement	<b><i>khjik</i></b> <sup>55</sup> *kji, *kjiH, *kjiX, *kri, *kriH, *kriX, *kli, *kliH, *kliX	<b><i>khliyh</i></b> *ʔkliH, *ʔkliH, *kliH	<b><i>khji</i></b> <sup>35</sup> *kjiX, *kjeX, *kriX, *kreX, *kliX, *kleX

*Rime: jik:ləj:əi*

	Maru	OBurm	Bola
peanut	<b><i>mjik</i></b> <sup>31</sup> *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	<b><i>mliy</i></b> *mli	<b><i>məi</i></b> <sup>55</sup>
grandson	<b><i>mjik</i></b> <sup>31</sup> *mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	<b><i>mliyh</i></b> *mliH	<b><i>məi</i></b> <sup>31</sup>

*Rime: jik:əj:i*

	Maru	OBurm	Bola
give	<b><i>pjik</i></b> <sup>55</sup>	<b><i>piyh</i></b> *biH	<b><i>pi</i></b> <sup>31</sup> *biH, *beH

*Rime: jik:əj:əi*

	Maru	OBurm	Bola
ask / question	<b><i>mjik</i></b> <sup>55</sup>	<b><i>miyḥ</i></b> *miH	<b><i>məi</i></b> <sup>31</sup>
forget	<b><i>mjik</i></b> <sup>55</sup> *ʔmji, *ʔmjiH, *ʔmjiX, *ʔmri, *ʔmriH, *ʔmriX, *ʔmli, *ʔmliH, *ʔmliX	<b><i>miyʔ</i></b> *miX	<b><i>məi</i></b> <sup>31</sup>

*Rime: jo:a:ja*

	Maru	OBurm	Bola
angry, be / take offense	<b><i>jo</i></b> <sup>31</sup>	<b><i>yaḥ</i></b> *ʔjaH, *jaH	<b><i>ja</i></b> <sup>31</sup> *jaH

*Rime: joʔ:-jaʔ*

	Maru	OBurm	Bola
mirror	<b><i>mjoʔ</i></b> <sup>31</sup>	–	<b><i>mjaʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak

*Rime: ju:-:ju*

	Maru	OBurm	Bola
porcupine	<b><i>pju</i></b> <sup>31</sup> *ʔpjo, *ʔpro, *ʔplo	–	<b><i>pju</i></b> <sup>55</sup>

*Rime: ju:lu:ju*

	Maru	OBurm	Bola
white	<b><i>phju</i></b> <sup>31</sup> *pjo, *pro, *plo	<b><i>phlu</i></b> *plu, *ʔplu, *ʔplu	<b><i>phju</i></b> <sup>55</sup>

*Rime: juk:-:ju*

	Maru	OBurm	Bola
turtledove	<b><i>kjuk</i></b> <sup>55</sup> *ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX	–	<b><i>kju</i></b> <sup>35</sup>

*Rime: juk:-:u*

	Maru	OBurm	Bola
blow (one's nose)	<b>khjuk</b> <sup>55</sup> *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	–	<b>khju</b> <sup>35</sup>

*Rime: juk:jəw:juŋ*

	Maru	OBurm	Bola
swallow	<b>mjuk</b> <sup>31</sup> *mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX	<b>myuiw</b> *mju	<b>mjuŋ</b> <sup>55</sup> *mjuŋ, *mruŋ, *mluŋ

*Rime: juk:jəw:u*

	Maru	OBurm	Bola
snap / break (a stick)	<b>khjuk</b> <sup>55</sup> *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	<b>khyuiwḥ</b> *ʔkjuH, *ʔkjuH, *kjuH	<b>khju</b> <sup>35</sup>
horn	<b>khjuk</b> <sup>31</sup>	<b>khyuiw</b> *ʔkju, *ʔkju, *kju	<b>khju</b> <sup>55</sup>

*Rime: juk:əw:ju*

	Maru	OBurm	Bola
leak	<b>juk</b> <sup>31</sup> *ju, *juH, *juX	<b>yuiw</b> *ʔju, *ju	<b>ju</b> <sup>55</sup>

*Rime: juk:əw:juŋ*

	Maru	OBurm	Bola
green	<b>ŋjuk</b> <sup>31</sup> *ŋju, *ŋjuH, *ŋjuX, *ŋru, *ŋruH, *ŋruX, *ŋlu, *ŋluH, *ŋluX	<b>ñuiw</b> *ŋu	<b>ŋjuŋ</b> <sup>55</sup> *ŋjuŋ, *ŋruŋ, *ŋluŋ

*Rime: jøʔ:-jaʔ*

	Maru	OBurm	Bola
fall down (a house) / collapse	<b><i>kjøʔ</i></b> <sup>31</sup>	–	<b><i>pjaʔ</i></b> <sup>31</sup> *bjak, *brak, *blak

*Rime: jĩ:i:i*

	Maru	OBurm	Bola
plant ash	<b><i>mji</i></b> <sup>35</sup>	<b><i>miḥ</i></b> *meH, *meH	<b><i>mi</i></b> <sup>31</sup> *miH, *meH

*Rime: jɔ:-a*

	Maru	OBurm	Bola
lay (eggs)	<b><i>khjɔ</i></b> <sup>55</sup> *kjaX, *kraX, *klaX	–	<b><i>khja</i></b> <sup>35</sup> *kjaX, *kraX, *klaX
that side / there	<b><i>khjɔ</i></b> <sup>31</sup> *kja, *kra, *kla	–	<b><i>khja</i></b> <sup>55</sup> *kja, *kra, *kla
road	<b><i>khjɔ</i></b> <sup>31</sup> *kja, *kra, *kla	–	<b><i>khja</i></b> <sup>55</sup> *kja, *kra, *kla

*Rime: jɔ:-ja*

	Maru	OBurm	Bola
break up (meeting) / end	<b><i>pjɔ</i></b> <sup>31</sup> *bja, *bra, *bla	–	<b><i>pja</i></b> <sup>55</sup> *bja, *bra, *bla
open up wasteland	<b><i>jɔ</i></b> <sup>31</sup> *ja	–	<b><i>ja</i></b> <sup>55</sup> *ja
forest	<b><i>jɔ</i></b> <sup>31</sup> *ja	–	<b><i>ja</i></b> <sup>55</sup> *ja
trivet	<b><i>kjɔ</i></b> <sup>31</sup> *ʔkja, *ʔkra, *ʔkla	–	<b><i>kja</i></b> <sup>55</sup> *ʔkja, *ʔkra, *ʔkla
on the other side (of a riv	<b><i>kjɔ</i></b> <sup>31</sup> *ʔkja, *ʔkra, *ʔkla	–	<b><i>kja</i></b> <sup>55</sup> *ʔkja, *ʔkra, *ʔkla
winter	<b><i>mjɔ</i></b> <sup>31</sup> *mja, *mra, *mla	–	<b><i>mja</i></b> <sup>55</sup> *mja, *mra, *mla
split up (bamboo strips)	<b><i>phjɔ</i></b> <sup>31</sup> *pja, *pra, *pla	–	<b><i>phja</i></b> <sup>55</sup> *pja, *pra, *pla

*Rime: jɔ:a:ja*

	Maru	OBurm	Bola
right	<b>jɔ</b> <sup>31</sup> *ja	<b>ya</b> *ɭja, *ja	<b>ja</b> <sup>55</sup> *ja

*Rime: jɔ:ja:ja*

	Maru	OBurm	Bola
drop	<b>kjɔ</b> <sup>55</sup> *gjaX, *graX, *glaX	<b>kya?</b> *gjaX	<b>kja</b> <sup>35</sup> *gjaX, *graX, *glaX
many / much	<b>mjɔ</b> <sup>35</sup> *mjaH, *mraH, *mlaH	<b>myaɰ</b> *mjaH	<b>mja</b> <sup>31</sup> *mjaH, *mraH, *mlaH

*Rime: jɔ:ra:ja*

	Maru	OBurm	Bola
hear	<b>kjɔ</b> <sup>35</sup> *gjaH, *graH, *glaH	<b>kraɰ</b> *graH	<b>kja</b> <sup>31</sup> *gjaH, *graH, *glaH

*Rime: jɔ?:-ja?*

	Maru	OBurm	Bola
make a row, racket	<b>pjɔ?</b> <sup>55</sup>	–	<b>pja?</b> <sup>31</sup> *bjak, *brak, *blak
cliff	<b>pjɔ?</b> <sup>31</sup> *bjak, *brak, *blak	–	<b>pja?</b> <sup>31</sup> *bjak, *brak, *blak
cold (weather, water)	<b>kjɔ?</b> <sup>31</sup> *gjak, *grak, *glak	–	<b>kja?</b> <sup>31</sup> *gjak, *grak, *glak
lick / lap	<b>jɔ?</b> <sup>31</sup> *jak	–	<b>ja?</b> <sup>31</sup> *jak
unseam (clothing)	<b>phjɔ?</b> <sup>55</sup> *pjak, *prak, *plak	–	<b>phja?</b> <sup>55</sup> *pjak, *prak, *plak
cooked, be (rice) / done	<b>ɲjɔ?</b> <sup>31</sup> *ɲjak, *ɲrak, *ɲlak	–	<b>ɲja?</b> <sup>31</sup> *ɲjak, *ɲrak, *ɲlak
comb	<b>kjɔ?</b> <sup>55</sup> *ʔkjak, *ʔkrak, *ʔklak	–	<b>kja?</b> <sup>55</sup> *ʔkjak, *ʔkrak, *ʔklak
tasty / delicious	<b>mjɔ?</b> <sup>55</sup> *ʔmjak, *ʔmrak, *ʔmlak	–	<b>mja?</b> <sup>55</sup> *ʔmjak, *ʔmrak, *ʔmlak



Rime: *jɔʔ:jak:jaʔ*

	Maru	OBurm	Bola
eye	<b><i>mjɔʔ<sup>31</sup></i></b> *mjak, *mrak, *mlak	<b><i>myak</i></b> *mjak	<b><i>mjaʔ<sup>31</sup></i></b> *mjak, *mrak, *mlak

Rime: *jɔʔ:uk:jaʔ*

	Maru	OBurm	Bola
face	<b><i>mjɔʔ<sup>31</sup></i></b> *mjak, *mrak, *mlak	<b><i>mho<sub>2</sub>k</i></b> *ʔmuk, *ʔmuk	<b><i>mjaʔ<sup>31</sup></i></b> *mjak, *mrak, *mlak

Rime: *jɔ̃ ~ -:jɔ̃ ~*

	Maru	OBurm	Bola
called, be / named	<b><i>jɔ̃<sup>31</sup></i></b> *jaŋ	–	<b><i>jɔ̃<sup>55</sup></i></b> *jaŋ
ask s.b. to come here / fetch	<b><i>jɔ̃<sup>31</sup></i></b> *jaŋ	–	<b><i>jɔ̃<sup>55</sup></i></b> *jaŋ
they	<b><i>jɔ̃<sup>35</sup></i></b> *jaŋH	–	<b><i>jɔ̃<sup>31</sup></i></b> *jaŋH
gather / assemble	<b><i>jɔ̃<sup>35</sup></i></b> *jaŋH	–	<b><i>jɔ̃<sup>31</sup></i></b> *jaŋH
he	<b><i>jɔ̃<sup>35</sup></i></b> *jaŋH	–	<b><i>jɔ̃<sup>31</sup></i></b> *jaŋH

Rime: *jɔ̃ ~ -:ɔ̃ ~*

	Maru	OBurm	Bola
rafter (of building)	<b><i>khjɔ̃<sup>31</sup></i></b> *kjaŋ, *kraŋ, *klaŋ	–	<b><i>khjɔ̃<sup>55</sup></i></b> *kjaŋ, *kraŋ, *klaŋ
goose	<b><i>khjɔ̃<sup>55</sup></i></b> *kjaŋX, *kraŋX, *klaŋX	–	<b><i>khjɔ̃<sup>35</sup></i></b> *kjaŋX, *kraŋX, *klaŋX

Rime: *jɔ̃ ~ :jam:jɔ̃ ~*

	Maru	OBurm	Bola
fly	<b><i>jɔ̃<sup>31</sup></i></b> *jaŋ	<b><i>pyam</i></b> *bjam	<b><i>jɔ̃<sup>55</sup></i></b> *jaŋ

## Rime: jō ~ :raŋ:jō ~

	Maru	OBurm	Bola
sheath / scabbard	<b>pjō<sup>31</sup></b> *bjaŋ, *braŋ, *blaŋ	<b>prañ</b> *braŋ	<b>pjō<sup>55</sup></b> *bjaŋ, *braŋ, *blaŋ
see	<b>mjō<sup>31</sup></b> *mjaŋ, *mraŋ, *mlaŋ	<b>mrañ</b> *mraŋ	<b>mjō<sup>55</sup></b> *mjaŋ, *mraŋ, *mlaŋ
horse	<b>mjō<sup>35</sup></b> *mjaŋH, *mraŋH, *mlaŋH	<b>mrañh</b> *mraŋH	<b>mjō<sup>31</sup></b> *mjaŋH, *mraŋH, *mlaŋH
mosquito	<b>kjō<sup>31</sup></b> *ʔkjaŋ, *ʔkraŋ, *ʔklaŋ	<b>khrañ</b> *ʔkraŋ, *ʔkraŋ, *kraŋ	<b>kjō<sup>55</sup></b> *ʔkjaŋ, *ʔkraŋ, *ʔklaŋ

## Rime: jε:-:jε

	Maru	OBurm	Bola
step / stride	<b>pjε<sup>31</sup></b> *bjε, *brε, *blε	–	<b>pjε<sup>55</sup></b> *bjε, *brε, *blε
soldier	<b>kjε<sup>31</sup></b> *gjε, *grε, *glε	–	<b>kjε<sup>55</sup></b> *gjε, *grε, *glε
consult / discuss	<b>phjε<sup>55</sup></b> *pjeX, *preX, *pleX	–	<b>phjε<sup>35</sup></b> *pjeX, *preX, *pleX
comb	<b>pjε<sup>35</sup></b> *ʔpjeH, *ʔpreH, *ʔpleH	–	<b>pjε<sup>35</sup></b> *ʔpjeX, *ʔpreX, *ʔpleX

## Rime: jεʔ:-:jεʔ

	Maru	OBurm	Bola
scale	<b>kjεʔ<sup>55</sup></b> *ʔkjaŋ, *ʔkjaŋ, *ʔkrap, *ʔkrat, *ʔklaŋ, *ʔklat	–	<b>kjεʔ<sup>55</sup></b> *ʔkjaŋ, *ʔkjaŋ, *ʔkrap, *ʔkrat, *ʔklaŋ, *ʔklat
tongs (fire)	<b>ŋjεʔ<sup>31</sup></b> *ŋjaŋ, *ŋjaŋ, *ŋrap, *ŋrat, *ŋlap, *ŋlat	–	<b>ŋjεʔ<sup>31</sup></b> *ŋjaŋ, *ŋjaŋ, *ŋrap, *ŋrat, *ŋlap, *ŋlat
throw / hurl	<b>pjεʔ<sup>55</sup></b> *ʔpjaŋ, *ʔpjaŋ, *ʔprap, *ʔprat, *ʔplap, *ʔplat	–	<b>pjεʔ<sup>55</sup></b> *ʔpjaŋ, *ʔpjaŋ, *ʔprap, *ʔprat, *ʔplap, *ʔplat

## Rime: jεʔ:-:εʔ

	Maru	OBurm	Bola
	Maru	OBurm	Bola
classifier for bowls	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat	–	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat
classifier for rope	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat	–	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat
page	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat	–	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat
sheet (of paper)	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat	–	<b>khjeʔ<sup>55</sup></b> *kjap, *kjat, *krap, *krat, *klap, *klat

*Rime: jεʔ:ap:jεʔ*

	Maru	OBurm	Bola
stand	<b>jεʔ<sup>31</sup></b> *jap, *jat	<b>ryap</b>	<b>jεʔ<sup>55</sup></b>

*Rime: jẽ ~ -:jẽ ~*

	Maru	OBurm	Bola
jump	<b>pjẽ<sup>31</sup></b> *bjam, *bram, *blam	–	<b>pjẽ<sup>55</sup></b> *bjam, *bjan, *bram, *bran, *blam, *blan
downstairs	<b>kjẽ<sup>35</sup></b> *gjamH, *gramH, *glamH	–	<b>kjẽ<sup>31</sup></b> *gjamH, *gjanH, *gramH, *granH, *glamH, *glanH
edge / rim / margin	<b>jẽ<sup>31</sup></b> *jam	–	<b>jẽ<sup>55</sup></b> *jam, *jan
pot / jar / tin	<b>jẽ<sup>35</sup></b> *jamH	–	<b>jẽ<sup>31</sup></b> *jamH, *janH

*Rime: jẽ ~ -:ẽ ~*

	Maru	OBurm	Bola
garden (plot)	<b>khjẽ<sup>31</sup></b> *kjam, *kram, *klam	–	<b>khjẽ<sup>55</sup></b> *kjam, *kjan, *kram, *kran, *klam, *klan

*Rime: o:a:a*

	Maru	OBurm	Bola
son	<b>tso</b>	<b>saḥ</b> *ʔsaH, *saH, *ʃaH	<b>ta</b> <sup>31</sup> *daH, *dzaH

*Rime: oʔ:-:aʔ*

	Maru	OBurm	Bola
steam	<b>soʔ</b> <sup>55</sup>	–	<b>saʔ</b> <sup>55</sup> *sak

*Rime: u:-:u*

	Maru	OBurm	Bola
bean (broad)	<b>tu</b> <sup>35</sup> *doH	–	<b>tu</b> <sup>31</sup>

*Rime: u:-:ɔ*

	Maru	OBurm	Bola
cucumber	<b>khu</b> <sup>35</sup> *koH	–	<b>khɔ</b> <sup>31</sup>
walk	<b>su</b> <sup>35</sup> *soH	–	<b>sɔ</b> <sup>35</sup>
span (thumb to middle finger)	<b>thu</b> <sup>31</sup> *to	–	<b>thɔ</b> <sup>55</sup>

*Rime: u:o:ɔ*

	Maru	OBurm	Bola
crawl (of people)	<b>tu</b> <sup>35</sup> *doH	<b>to<sub>1</sub>ḥ</b> *doH	<b>tɔ</b> <sup>31</sup>
fall (rain)	<b>vu</b> <sup>31</sup> *wo	<b>ro<sub>1</sub></b> *ro	<b>ɤɔ</b> <sup>55</sup>

*Rime: ui:-:ui*

|--|--|--|--|

	Maru	OBurm	Bola
	Maru	OBurm	Bola
rinse (the mouth)	<b>tfui</b> <sup>35</sup> *dʒuiH	–	<b>tfui</b> <sup>31</sup> *dʒuiH
grind (flour)	<b>lui</b> <sup>35</sup> *luiH	–	<b>lui</b> <sup>35</sup> *luiX
millstones	<b>lui</b> <sup>35</sup> *luiH	–	<b>lui</b> <sup>35</sup> *luiX

*Rime: ui:i:ui*

	Maru	OBurm	Bola
ride (a horse)	<b>tfui</b> <sup>35</sup> *dʒuiH	<b>ciḥ</b> *dzeH, *dzeH, *dʒeH, *dʒeH	<b>tfui</b> <sup>31</sup> *dʒuiH

*Rime: uk:-:au*

	Maru	OBurm	Bola
fabric (silk)	<b>puk</b> <sup>55</sup>	–	<b>pau</b> <sup>31</sup> *buH
leader in a (stockaded) village	<b>tsuk</b> <sup>55</sup>	–	<b>tau</b> <sup>31</sup> *duH, *dzuH
belly	<b>tuk</b> <sup>31</sup> *du, *duH, *duX	–	<b>tau</b> <sup>31</sup> *duH, *dzuH
paper	<b>muk</b> <sup>31</sup> *mu, *muH, *muX	–	<b>mau</b> <sup>31</sup> *muH
agree / consent	<b>nuk</b> <sup>31</sup> *nu, *nuH, *nuX	–	<b>nau</b> <sup>55</sup> *nu
joke / jest	<b>nuk</b> <sup>31</sup> *nu, *nuH, *nuX	–	<b>nau</b> <sup>55</sup> *nu
expensive	<b>phuk</b> <sup>55</sup> *pu, *puH, *puX	–	<b>phau</b> <sup>35</sup> *puX
ancestors / forebears	<b>phuk</b> <sup>55</sup> *pu, *puH, *puX	–	<b>phau</b> <sup>35</sup> *puX
character / word	<b>suk</b> <sup>55</sup> *su, *suH, *suX	–	<b>sau</b> <sup>31</sup> *suH
embroider	<b>thuk</b> <sup>55</sup> *tu, *tuH, *tuX	–	<b>thau</b> <sup>35</sup> *tuX, *tsuX
pricked, be (on a thorn)	<b>thuk</b> <sup>55</sup> *tu, *tuH, *tuX	–	<b>thau</b> <sup>35</sup> *tuX, *tsuX
inside	<b>khuk</b> <sup>31</sup>	–	<b>khau</b> <sup>55</sup>

	Maru	OBurm	Bola
deceive / cheat	<b><i>muk</i></b> <sup>55</sup> *ʔmu, *ʔmuH, *ʔmuX	–	*ku <b><i>mau</i></b> <sup>35</sup> *ʔmuX
reverse	<b><i>tuk</i></b> <sup>55</sup> *ʔtu, *ʔtuH, *ʔtuX	–	<b><i>təu</i></b> <sup>35</sup> *ʔtuX

*Rime: uk:-:auŋ*

	Maru	OBurm	Bola
hurt by stinging	<b><i>thuk</i></b> <sup>55</sup> *tu, *tuH, *tuX	–	<b><i>thaun</i></b> <sup>31</sup>

*Rime: uk:-:ɔʔ*

	Maru	OBurm	Bola
wet	<b><i>tfuk</i></b> <sup>55</sup> *ʔtʃu, *ʔtʃuH, *ʔtʃuX	–	<b><i>tʃɔʔ</i></b> <sup>55</sup>
withdraw / take out	<b><i>thuk</i></b> <sup>55</sup> *tu, *tuH, *tuX	–	<b><i>thɔʔ</i></b> <sup>55</sup>

*Rime: uk:rok:ɔʔ*

	Maru	OBurm	Bola
mouse	<b><i>yuk</i></b> <sup>31</sup> *ru, *ruH, *ruX	<b><i>kro</i></b> <sub>1</sub> <b><i>k</i></b> *grok	<b><i>yɔʔ</i></b> <sup>31</sup>

*Rime: uk:uj:au*

	Maru	OBurm	Bola
feather / plume	<b><i>muk</i></b> <sup>55</sup>	<b><i>muyɰ</i></b> *muiH	<b><i>mau</i></b> <sup>35</sup> *muX

*Rime: uk:əw:au*

	Maru	OBurm	Bola
insect / worm	<b><i>puk</i></b> <sup>55</sup>	<b><i>puiwɰ</i></b> *buH	<b><i>pau</i></b> <sup>31</sup> *buH
nine	<b><i>kuk</i></b> <sup>31</sup> *gu, *guH, *guX	<b><i>kuiwɰ</i></b> *guH	<b><i>kau</i></b> <sup>31</sup> *guH

	Maru	OBurm	Bola
mushroom	<b><i>muk</i></b> <sup>31</sup> *mu, *muH, *muX	<b><i>mhuiw</i></b> *ʔmu, *ʔmu	<b><i>mau</i></b> <sup>55</sup> *mu
thunder	<b><i>muk</i></b> <sup>55</sup>	<b><i>muiwḥ</i></b> *muH	<b><i>mau</i></b> <sup>31</sup> *muH
milk	<b><i>nuk</i></b> <sup>55</sup>	<b><i>nuiwʔ</i></b> *nuX	<b><i>nau</i></b> <sup>35</sup> *nuX
cough	<b><i>tsuk</i></b> <sup>55</sup> *ʔtsu, *ʔtsuH, *ʔtsuX	<b><i>chuiwḥ</i></b> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<b><i>təu</i></b> <sup>31</sup> *ʔtuH
cry	<b><i>ŋuk</i></b> <sup>31</sup> *ŋu, *ŋuH, *ŋuX	<b><i>ñuiw</i></b> *ŋu	<b><i>ŋau</i></b> <sup>55</sup> *ŋu
steal	<b><i>khuk</i></b> <sup>55</sup> *ku, *kuH, *kuX	<b><i>khuiwḥ</i></b> *ʔkuH, *ʔkuH, *kuH	<b><i>khau</i></b> <sup>31</sup> *kuH

Rime: uk:əw:u

	Maru	OBurm	Bola
widow	<b><i>tʃhuk</i></b> <sup>55</sup> *tʃu, *tʃuH, *tʃuX	<b><i>chuiwḥ</i></b> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<b><i>tʃhu</i></b> <sup>35</sup>

Rime: uŋ:-:uŋ

	Maru	OBurm	Bola
monk	<b><i>puŋ</i></b> <sup>31</sup>	–	<b><i>puŋ</i></b> <sup>31</sup> *buŋH

Rime: ø:-:øʔ

	Maru	OBurm	Bola
stroke / touch	<b><i>sø</i></b> <sup>55</sup>	–	<b><i>søʔ</i></b> <sup>55</sup>

Rime: ø:uj:ø

	Maru	OBurm	Bola
money	<b><i>ŋø</i></b> <sup>31</sup>	<b><i>ñuy</i></b> *ŋui	<b><i>ŋø</i></b> <sup>55</sup>

*Rime: øʔ:-:ø*

	Maru	OBurm	Bola
doze / nod off	<b>ŋøʔ</b> <sup>31</sup>	–	<b>ŋø</b> <sup>35</sup>

*Rime: øʔ:-:ɛʔ*

	Maru	OBurm	Bola
dregs / sediment	<b>pøʔ</b> <sup>55</sup>	–	<b>pɛʔ</b> <sup>55</sup> *ʔpap, *ʔpat

*Rime: øʔ:u:u*

	Maru	OBurm	Bola
look like / resemble	<b>tøʔ</b> <sup>31</sup>	<b>tu</b> *du	<b>tu</b> <sup>55</sup>

*Rime: ŋʔ:a:a*

	Maru	OBurm	Bola
ring in cow's nose used to lead it about	<b>nŋʔ</b> <sup>35</sup>	<b>nha</b> *ʔna, *ʔna	<b>nɛ</b> <sup>55</sup> *ʔna

*Rime: ɔ:-:a*

	Maru	OBurm	Bola
there is (water in the bowl)	<b>pɔ</b> <sup>31</sup> *ba	–	<b>pa</b> <sup>55</sup> *ba
fan (winnowing)	<b>pɔ</b> <sup>55</sup> *baX	–	<b>pa</b> <sup>35</sup> *baX
feed (pig) / pigwash	<b>tsɔ</b> <sup>31</sup> *dza	–	<b>ta</b> <sup>55</sup> *da, *dza
fabric (silk)	<b>tsɔ</b> <sup>31</sup> *dza	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
old lady	<b>tsɔ</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
old man	<b>tsɔ</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
orphan	<b>tsɔ</b> <sup>31</sup>	–	<b>ta</b> <sup>31</sup>



	Maru	OBurm	Bola
	*dza		*daH, *dzaH
shadow	<b>tsɔ</b> <sup>35</sup>	–	<b>ta</b> <sup>31</sup>
	*dzaH		*daH, *dzaH
slow	<b>tsɔ</b> <sup>55</sup>	–	<b>ta</b> <sup>35</sup>
	*dzaX		*daX, *dzaX
stupid	<b>kɔ</b> <sup>31</sup>	–	<b>ka</b> <sup>55</sup>
	*ga		*ga
cover / hide from view	<b>kɔ</b> <sup>31</sup>	–	<b>ka</b> <sup>55</sup>
	*ga		*ga
persimmon	<b>kɔ</b> <sup>31</sup>	–	<b>ka</b> <sup>55</sup>
	*ga		*ga
leopard / panther	<b>lɔ</b> <sup>35</sup>	–	<b>la</b> <sup>31</sup>
	*laH		*laH
stallion	<b>lɔ</b> <sup>35</sup>	–	<b>la</b> <sup>31</sup>
	*laH		*laH
return	<b>lɔ</b> <sup>55</sup>	–	<b>la</b> <sup>35</sup>
	*laX		*laX
thumb	<b>mɔ</b> <sup>55</sup>	–	<b>ma</b> <sup>35</sup>
	*maX		*maX
patient	<b>nɔ</b> <sup>31</sup>	–	<b>na</b> <sup>55</sup>
	*na		*na
rest	<b>nɔ</b> <sup>35</sup>	–	<b>na</b> <sup>31</sup>
	*naH		*naH
cock	<b>phɔ</b> <sup>55</sup>	–	<b>pha</b> <sup>35</sup>
	*paX		*paX
village	<b>vɔ</b> <sup>31</sup>	–	<b>va</b> <sup>55</sup>
	*wa		*wa
tongue	<b>ʃɔ</b> <sup>31</sup>	–	<b>ʃa</b> <sup>55</sup>
	*ʔrja, *ʃa		*ʃa
below / under	<b>ɔ</b> <sup>31</sup>	–	<b>a</b> <sup>55</sup>
	*ʔa		*ʔa
lower part of / lower reaches	<b>ɔ</b> <sup>31</sup>	–	<b>a</b> <sup>55</sup>
	*ʔa		*ʔa
pants / trousers	<b>lɔ</b> <sup>35</sup>	–	<b>la</b> <sup>35</sup>
	*ʔlaH		*ʔlaX
cuddle / embrace	<b>pɔ</b> <sup>31</sup>	–	<b>pə</b> <sup>55</sup>
	*ʔpa		*ʔpa
plant (trees)	<b>xɔ</b> <sup>35</sup>	–	<b>xa</b> <sup>35</sup>
	*ʔraH		
put in order / arrange	<b>tɔ</b> <sup>35</sup>	–	<b>tə</b> <sup>31</sup>
	*ʔtaH		*ʔtaH
want / need	<b>ŋɔ</b> <sup>31</sup>	–	<b>ŋə</b> <sup>55</sup>
	*ʔŋa		*ʔŋa

*Rime: ɔ:-aʔ*

	Maru	OBurm	Bola
rise / stand up	<b>tɔ̃</b> <sup>55</sup> *ʔtaX	–	<b>taɔ̃</b> <sup>55</sup> *ʔtak

*Rime: ɔ:-ɔ*

	Maru	OBurm	Bola
right / correct	<b>tɕɔ̃</b> <sup>31</sup> *dʒa	–	<b>tɕɔ̃</b> <sup>31</sup>
silkworm	<b>tsɔ̃</b> <sup>35</sup> *dzaH	–	<b>sɔ̃</b> <sup>31</sup>
load on an animal's back	<b>tɔ̃</b> <sup>35</sup> *daH	–	<b>tɔ̃</b> <sup>35</sup>
donkey	<b>lɔ̃</b> <sup>31</sup> *la	–	<b>lɔ̃</b> <sup>31</sup>
crops	<b>vɔ̃</b> <sup>31</sup> *wa	–	<b>vɔ̃</b> <sup>51</sup>
emperor	<b>khɔ̃</b> <sup>35</sup> *kaH	–	<b>khɔ̃</b> <sup>35</sup>

*Rime: ɔ:-ɔŋ*

	Maru	OBurm	Bola
window	<b>tsɔ̃</b> <sup>55</sup> *dzaX	–	<b>tɕhɔ̃ŋ</b> <sup>35</sup>

*Rime: ɔ:-ɛ̃ ~*

	Maru	OBurm	Bola
month	<b>lɔ̃</b> <sup>55</sup> *ʔlaX	–	<b>lɛ̃</b> <sup>35</sup> *ʔlamX, *ʔlanX

*Rime: ɔ:-a:a*

	Maru	OBurm	Bola
rice (cooked)	<b>tsɔ̃</b> <sup>31</sup> *dza	<b>thaʔ</b> *ʔtaX, *ʔtaX, *taX	<b>ta</b> <sup>55</sup> *da, *dza
eat	<b>tsɔ̃</b> <sup>35</sup>	<b>caɰ</b>	<b>ta</b> <sup>31</sup>

	Maru	OBurm	Bola
	*dzaH	*dzaH, *dʒaH	*daH, *dzaH
flesh / muscle	ʃɔ <sup>35</sup>	<b>saḥ</b>	ʃa <sup>35</sup>
	*ʔrjaH, *ʃaH	*ʔsaH, *saH, *ʃaH	*ʃaX
meat	ʃɔ <sup>35</sup>	<b>saḥ</b>	ʃa <sup>35</sup>
	*ʔrjaH, *ʃaH	*ʔsaH, *saH, *ʃaH	*ʃaX
come	lɔ <sup>31</sup>	<b>la</b>	la <sup>55</sup>
	*la	*la	*la
widow	mɔ <sup>55</sup>	<b>maʔ</b>	ma <sup>31</sup>
	*maX	*maX	*maH
ill, to be	nɔ <sup>31</sup>	<b>na</b>	na <sup>55</sup>
	*na	*na	*na
father	phɔ <sup>55</sup>	<b>phaʔ</b>	pha <sup>35</sup>
	*paX	*paX, *ʔpaX, *ʔpaX	*paX
salt	tshɔ <sup>35</sup>	<b>chaḥ</b>	tha <sup>35</sup>
	*tsaH	*ʔtsaH, *ʔtʃaH, *ʔtsaH, *ʔtʃaH, *tsaH, *tʃaH, *tsaH, *tʃaH	*taX, *tsaX
chew	vɔ <sup>35</sup>	<b>waḥ</b>	va <sup>31</sup>
	*waH	*waH	*waH
bamboo	vɔ <sup>35</sup>	<b>waḥ</b>	va <sup>31</sup>
	*waH	*waH	*waH
five	ŋɔ <sup>55</sup>	<b>ñaḥ</b>	ŋa <sup>31</sup>
	*ŋaX	*ŋaH	*ŋaH
bitter	kho <sup>35</sup>	<b>khaḥ</b>	kha <sup>35</sup>
	*kaH	*ʔkaH, *ʔkaH, *kaH	*kaX
frog	pɔ <sup>35</sup>	<b>phaḥ</b>	pə <sup>35</sup>
	*ʔpaH	*paH, *ʔpaH, *ʔpaH	*ʔpaX

*Rime: ɔ:aj:a*

	Maru	OBurm	Bola
sand	ʃɔ <sup>31</sup>	<b>sayḥ</b>	ʃa <sup>55</sup>
	*ʔrja, *ʃa	*ʔsaiH, *saiH, *ʃaiH	*ʃa

*Rime: ɔ:la:a*

	Maru	OBurm	Bola
tiger	lɔ <sup>35</sup>	<b>klaḥ</b>	la <sup>31</sup>
	*laH	*glaH	*laH

*Rime: ɔi:-:ai*

	Maru	OBurm	Bola
welcome, bid s.b. / greet	<b>tɕi</b> <sup>31</sup>	–	<b>taɪ</b> <sup>55</sup> *ʔtai

*Rime: ɔi:-ui*

	Maru	OBurm	Bola
work / labor	<b>tsɔi</b> <sup>31</sup>	–	<b>tui</b> <sup>31</sup> *duiH, *dzuiH
put one's hand on (sthg.) for	<b>tsɔi</b> <sup>35</sup>	–	<b>tui</b> <sup>31</sup> *duiH, *dzuiH

*Rime: ɔk:-a*

	Maru	OBurm	Bola
fool / blockhead	<b>ŋɔk</b> <sup>31</sup>	–	<b>ka</b> <sup>55</sup> *ga

*Rime: ɔŋ:-ɔŋ*

	Maru	OBurm	Bola
prison	<b>thɔŋ</b> <sup>35</sup>	–	<b>thɔŋ</b> <sup>35</sup>

*Rime: ɔʔ:-aʔ*

	Maru	OBurm	Bola
go upstairs	<b>tɔʔ</b> <sup>31</sup> *dak	–	<b>taʔ</b> <sup>31</sup> *dak, *dzak
there are (trees on the mountain)	<b>tɕɔʔ</b> <sup>31</sup> *dɜak	–	<b>tɕaʔ</b> <sup>31</sup> *dɜak
crack / rift / fissure	<b>kɔʔ</b> <sup>31</sup> *gak	–	<b>kaʔ</b> <sup>31</sup> *gak
cut / rip open	<b>khɔʔ</b> <sup>55</sup> *kak	–	<b>khaʔ</b> <sup>55</sup> *kak
sow	<b>vɔʔ</b> <sup>31</sup> *wak	–	<b>vaʔ</b> <sup>31</sup> *wak
chaff / bran	<b>vɔʔ</b> <sup>31</sup> *wak	–	<b>vaʔ</b> <sup>31</sup> *wak
carry (sthg.) with a pole on t	<b>vɔʔ</b> <sup>31</sup> *wak	–	<b>vaʔ</b> <sup>31</sup> *wak

	Maru	OBurm	Bola
shoulder	<b>vɔʔ<sup>31</sup></b> *wak	–	<b>vaʔ<sup>31</sup></b> *wak
we all	<b>mɔʔ<sup>55</sup></b>	–	<b>maʔ<sup>31</sup></b> *mak
early	<b>nɔʔ<sup>55</sup></b>	–	<b>naʔ<sup>55</sup></b>
bat	<b>phɔʔ<sup>55</sup></b> *pak	–	<b>phaʔ<sup>55</sup></b> *pak
pheasant	<b>ɣɔʔ<sup>31</sup></b> *rak	–	<b>yaʔ<sup>31</sup></b>
all / whole, the	<b>ʃɔʔ<sup>55</sup></b> *ʔrjak, *ʃak	–	<b>ʃaʔ<sup>55</sup></b> *ʃak
person w / pockmarked face	<b>ʃɔʔ<sup>55</sup></b> *ʔrjak, *ʃak	–	<b>ʃaʔ<sup>55</sup></b> *ʃak
shy, be / bashful	<b>xɔʔ<sup>55</sup></b> *ʔrak	–	<b>xaʔ<sup>55</sup></b>
compare	<b>thɔʔ<sup>55</sup></b> *tak	–	<b>thaʔ<sup>55</sup></b> *tak, *tsak
connect / join	<b>tshɔʔ<sup>55</sup></b> *tsak	–	<b>tshaʔ<sup>31</sup></b>
chisel	<b>tʃhɔʔ<sup>55</sup></b> *tʃak	–	<b>tʃhaʔ<sup>55</sup></b> *tʃak
cook / boil	<b>tʃɔʔ<sup>55</sup></b> *ʔtʃak	–	<b>tʃaʔ<sup>55</sup></b>
decoct (herbal medicine)	<b>tʃɔʔ<sup>55</sup></b> *ʔtʃak	–	<b>tʃaʔ<sup>55</sup></b> *ʔtʃak
kitchen	<b>tʃɔʔ<sup>55</sup></b> *ʔtʃak	–	<b>tʃaʔ<sup>55</sup></b> *ʔtʃak
damage / spoil	<b>lɔʔ<sup>55</sup></b> *ʔlak	–	<b>laʔ<sup>55</sup></b> *ʔlak
mess up	<b>lɔʔ<sup>55</sup></b> *ʔlak	–	<b>laʔ<sup>55</sup></b> *ʔlak
lose / mislay	<b>lɔʔ<sup>55</sup></b> *ʔlak	–	<b>laʔ<sup>55</sup></b> *ʔlak
bend	<b>lɔʔ<sup>55</sup></b> *ʔlak	–	<b>laʔ<sup>55</sup></b> *ʔlak

*Rime: ɔʔ:ak:aʔ*

	Maru	OBurm	Bola
branch / twig	<b>kɔʔ<sup>55</sup></b> *ʔkak	<b>khak</b> *ʔkak, *ʔkak, *kak	<b>kaʔ<sup>55</sup></b> *ʔkak
finger	<b>lɔʔ<sup>31</sup></b>	<b>lak</b>	<b>laʔ<sup>31</sup></b>

	Maru	OBurm	Bola
	*lak	*lak	*lak
pig	<b>vɔʔ<sup>31</sup></b>	<b>wak</b>	<b>vaʔ<sup>31</sup></b>
	*wak	*wak	*wak
son-in-law	<b>mɔʔ<sup>31</sup></b>	<b>mak</b>	<b>maʔ<sup>55</sup></b>
	*mak	*mak	
dream	<b>mɔʔ<sup>31</sup></b>	<b>mak</b>	<b>maʔ<sup>55</sup></b>
	*mak	*mak	
black	<b>nɔʔ<sup>31</sup></b>	<b>nak</b>	<b>naʔ<sup>31</sup></b>
	*nak	*nak	*nak
deep	<b>nɔʔ<sup>31</sup></b>	<b>nak</b>	<b>naʔ<sup>31</sup></b>
	*nak	*nak	*nak
loom	<b>ɣɔʔ<sup>31</sup></b>	<b>rak</b>	<b>ɣaʔ<sup>31</sup></b>
	*rak	*rak	
over / above	<b>thɔʔ<sup>55</sup></b>	<b>thak</b>	<b>thaʔ<sup>55</sup></b>
	*tak	*ʔtak, *ʔtak, *tak	*tak, *tsak
sharp	<b>thɔʔ<sup>55</sup></b>	<b>thak</b>	<b>thaʔ<sup>55</sup></b>
	*tak	*ʔtak, *ʔtak, *tak	*tak, *tsak
banana (plantain)	<b>ŋɔʔ<sup>31</sup></b>	<b>nhak</b>	<b>ŋaʔ<sup>31</sup></b>
	*ŋak	*ʔŋak, *ʔŋak	*ŋak
bird	<b>ŋɔʔ<sup>55</sup></b>	<b>nhak</b>	<b>ŋaʔ<sup>55</sup></b>
	*ʔŋak	*ʔŋak, *ʔŋak	*ʔŋak

*Rime: ɔʔ:jak:aʔ*

	Maru	OBurm	Bola
chicken	<b>ɣɔʔ<sup>31</sup></b>	<b>khyak</b>	<b>ɣaʔ<sup>31</sup></b>
	*rak	*ʔkjak, *ʔkjak, *kjak	
navel	<b>tʃhɔʔ<sup>55</sup></b>	<b>khyak</b>	<b>tʃhaʔ<sup>55</sup></b>
	*tʃjak	*ʔkjak, *ʔkjak, *kjak	*tʃjak

*Rime: ʃ ~ :-:ʃ ~*

	Maru	OBurm	Bola
speech / words	<b>tʃ<sup>35</sup></b>	–	<b>tʃ<sup>31</sup></b>
	*daŋH		*daŋH, *dzaŋH
joke / jest	<b>tʃ<sup>35</sup></b>	–	<b>tʃ<sup>31</sup></b>
	*daŋH		*daŋH, *dzaŋH
warm oneself by (a fire)	<b>kʃ<sup>31</sup></b>	–	<b>kʃ<sup>55</sup></b>
	*gaŋ		*gaŋ
life span	<b>kʃ<sup>31</sup></b>	–	<b>kʃ<sup>55</sup></b>
	*gaŋ		*gaŋ
chest	<b>kʃ<sup>31</sup></b>	–	<b>kʃ<sup>55</sup></b>

	Maru	OBurm	Bola
snake	*gaŋ <b>l̥ʰʰ<sup>31</sup></b>	–	*gaŋ <b>l̥ʰ<sup>55</sup></b>
river	*laŋ <b>l̥ʰ<sup>31</sup></b>	–	*laŋ <b>l̥ʰ<sup>55</sup></b>
pull / tug	*laŋ <b>l̥ʰ<sup>35</sup></b>	–	*laŋ <b>l̥ʰ<sup>31</sup></b>
well	*laŋH <b>l̥ʰ<sup>35</sup></b>	–	*laŋH <b>l̥ʰ<sup>31</sup></b>
corpse	*laŋH <b>m̥ʰ<sup>31</sup></b>	–	*laŋH <b>m̥ʰ<sup>55</sup></b>
dragon	*maŋ <b>m̥ʰ<sup>31</sup></b>	–	*maŋ <b>m̥ʰ<sup>55</sup></b>
gong	*maŋ <b>m̥ʰ<sup>55</sup></b>	–	*maŋ <b>m̥ʰ<sup>35</sup></b>
stamp (one's foot)	*maŋX <b>n̥ʰ<sup>35</sup></b>	–	*maŋX <b>n̥ʰ<sup>31</sup></b>
escape / run away	*naŋH <b>ph̥ʰ<sup>31</sup></b>	–	*naŋH <b>ph̥ʰ<sup>55</sup></b>
next year	*paŋ <b>s̥ʰ<sup>31</sup></b>	–	*paŋ <b>s̥ʰ<sup>55</sup></b>
chin	*saŋ <b>th̥ʰ<sup>31</sup></b>	–	*saŋ <b>th̥ʰ<sup>55</sup></b>
back	*taŋ <b>t̥ʰ<sup>55</sup></b>	–	*taŋ, *tsaŋ <b>t̥ʰ<sup>35</sup></b>
flight of steps	*daŋX <b>th̥ʰ<sup>31</sup></b>	–	*ʔtaŋX <b>th̥ʰ<sup>55</sup></b>
finger (little)	*taŋ <b>th̥ʰ<sup>55</sup></b>	–	*taŋ, *tsaŋ <b>th̥ʰ<sup>35</sup></b>
follow	*taŋX <b>tʃh̥ʰ<sup>55</sup></b>	–	*taŋX, *tsaŋX <b>tʃh̥ʰ<sup>35</sup></b>
uncle (father's sister's husband)nd	*tʃaŋX <b>v̥ʰ<sup>31</sup></b>	–	*tʃaŋX <b>v̥ʰ<sup>55</sup></b>
child	*waŋ <b>ʃ̥ʰ<sup>31</sup></b>	–	*waŋ <b>ʃ̥ʰ<sup>55</sup></b>
make / cause	*ʔrjaŋ, *ʃaŋ <b>n̥ʰ<sup>31</sup></b>	–	*ʃaŋ <b>n̥ʰ<sup>55</sup></b>
	*ʔnaŋ		*ʔnaŋ

Rime: ʃ̥ ~ :aŋ:ʃ̥ ~

	Maru	OBurm	Bola
husband	<b>l̥ʰ<sup>31</sup></b>	<b>lañ</b>	<b>l̥ʰ<sup>55</sup></b>
	*laŋ	*laŋ	*laŋ

	Maru	OBurm	Bola
wait	<b>l̥ʰ</b> <sup>55</sup>	<b>laŋʔ</b>	<b>l̥ʰ</b> <sup>35</sup>
	*laŋX	*laŋX	*laŋX
old / elderly	<b>m̥ʰ</b> <sup>35</sup>	<b>maŋh̥</b>	<b>m̥ʰ</b> <sup>31</sup>
	*maŋH	*maŋH	*maŋH
you	<b>n̥ʰ</b> <sup>31</sup>	<b>naŋ</b>	<b>n̥ʰ</b> <sup>55</sup>
	*naŋ	*naŋ	*naŋ
firewood	<b>th̥ʰ</b> <sup>35</sup>	<b>thaŋh̥</b>	<b>th̥ʰ</b> <sup>35</sup>
	*taŋH	*ʔtaŋH, *ʔtaŋH, *taŋH	*taŋX, *tsaŋX
enter (a house)	<b>v̥ʰ</b> <sup>31</sup>	<b>waŋ</b>	<b>v̥ʰ</b> <sup>55</sup>
	*waŋ	*waŋ	*waŋ

*Rime: ʰ ~ :u:ʰ ~*

	Maru	OBurm	Bola
spider	<b>k̥ʰ</b> <sup>35</sup>	<b>ku</b>	<b>k̥ʰ</b> <sup>31</sup>
	*gaŋH	*gu	*gaŋH

*Rime: ʰ :-:a*

	Maru	OBurm	Bola
rice (glutinous)	<b>ts̥ʰ</b> <sup>31</sup>	–	<b>ta</b> <sup>55</sup>
			*da, *dza
baby	<b>ts̥ʰ</b> <sup>35</sup>	–	<b>ta</b> <sup>31</sup>
			*daH, *dzaH

*Rime: ʰ :-:ui*

	Maru	OBurm	Bola
rust	<b>ts̥ʰ</b> <sup>35</sup>	–	<b>tui</b> <sup>31</sup>
			*duiH, *dzuiH

*Rime: ʰ :-:ʰ ~*

	Maru	OBurm	Bola
pal / partner	<b>tsh̥ʰ</b> <sup>35</sup>	–	<b>tʃh̥ʰ</b> <sup>35</sup>
			*tʃaŋX

*Rime: ʰ :a:ă*



*Rime Correspondence*

	Maru	OBurm	Bola
we	<b>ŋɔ̃</b> <sup>31</sup>	<b>ṇa</b> *ŋa	<b>ŋǎ</b> <sup>55</sup>

*Rime: ə:ri:ɔ̃*

	Maru	OBurm	Bola
big / large	<b>ɣə</b> <sup>35</sup>	<b>kriḥ</b> *greH, *grɛH	<b>kɔ̃</b> <sup>35</sup>

*Rime: ək:-:əi*

	Maru	OBurm	Bola
day before yesterday	<b>xək</b> <sup>55</sup>	–	<b>xəi</b> <sup>55</sup>

*Rime: əŋ:-:u*

	Maru	OBurm	Bola
dragonfly	<b>təŋ</b> <sup>31</sup> *dan	–	<b>ʃu</b> <sup>31</sup>

*Rime: əŋ:-:ɔ̃n*

	Maru	OBurm	Bola
wear / bear	<b>vəŋ</b> <sup>31</sup> *wan	–	<b>vɔ̃n</b> <sup>55</sup>

*Rime: əŋ:-:ɔ̃t*

	Maru	OBurm	Bola
open up wasteland	<b>tsəŋ</b> <sup>35</sup> *dzanH	–	<b>kɔ̃t</b> <sup>55</sup>

*Rime: əŋ:-:ɛ̃ ~*

	Maru	OBurm	Bola
accomplish / succeed	<b>pəŋ</b> <sup>31</sup>	–	<b>pɛ̃</b> <sup>55</sup>

	Maru	OBurm	Bola
	*ban		*bam, *ban
all / whole, the	<b>pəŋ</b> <sup>31</sup>	—	<b>pē</b> <sup>55</sup>
	*ban		*bam, *ban
bite	<b>pəŋ</b> <sup>35</sup>	—	<b>pē</b> <sup>31</sup>
	*banH		*bamH, *banH
New Year's Day	<b>tsəŋ</b> <sup>31</sup>	—	<b>tē</b> <sup>55</sup>
	*dzan		*dam, *dan, *dzam,
			*dzan
chop / hew	<b>tsəŋ</b> <sup>35</sup>	—	<b>tē</b> <sup>31</sup>
	*dzanH		*damH, *danH,
			*dzamH, *dzanH
accustomed to, be / habit of, haveve	<b>məŋ</b> <sup>55</sup>	—	<b>mē</b> <sup>35</sup>
	*manX		*mamX, *manX
shiver / tremble	<b>nəŋ</b> <sup>55</sup>	—	<b>nē</b> <sup>35</sup>
	*nanX		*namX, *nanX
willow	<b>pəŋ</b> <sup>31</sup>	—	<b>pē</b> <sup>55</sup>
	*ʔpan		*ʔpam, *ʔpan
astrigent	<b>pəŋ</b> <sup>31</sup>	—	<b>pē</b> <sup>55</sup>
	*ʔpan		*ʔpam, *ʔpan

*Rime: əŋ:an:ē ~*

	Maru	OBurm	Bola
flower	<b>pəŋ</b> <sup>35</sup>	<b>panḥ</b>	<b>pē</b> <sup>31</sup>
	*banH	*banH	*bamH, *banH

*Rime: əŋ:ot:ē ~*

	Maru	OBurm	Bola
scatter (seeds)	<b>səŋ</b> <sup>35</sup>	<b>ro<sub>1</sub>t</b>	<b>sē</b> <sup>35</sup>
	*sanH		*samX, *sanX

*Rime: ǎ:-:a*

	Maru	OBurm	Bola
year after next	<b>pǎ</b> <sup>31</sup>	—	<b>pa</b> <sup>55</sup>
			*ba
plowshare	<b>nǎ</b> <sup>31</sup>	—	<b>na</b> <sup>55</sup>
			*na

*Rime: ǎ:-:ǎ*

	Maru	OBurm	Bola
cotton	<b>tǎ</b> <sup>31</sup>	–	<b>tǎ</b> <sup>31</sup>
cat	<b>lǎ</b> <sup>31</sup>	–	<b>lǎ</b> <sup>31</sup>

*Rime: ǎ:ra:ǎ*

	Maru	OBurm	Bola
butterfly	<b>phǎ</b> <sup>31</sup>	<b>pra</b> *bra	<b>phǎ</b> <sup>31</sup>

*Rime: ɛ:-:an*

	Maru	OBurm	Bola
fifty	<b>tshe</b> <sup>31</sup> *tse	–	<b>san</b> <sup>55</sup>

*Rime: ɛ:-:ə*

	Maru	OBurm	Bola
musk	<b>ʃɛ</b> <sup>31</sup>	–	<b>ʃə</b> <sup>31</sup>
this	*ʔrjɛ, *ʃɛ <b>tʃhe</b> <sup>31</sup> *tʃɛ	–	<b>tʃhə</b> <sup>55</sup>

*Rime: ɛ:-:ɛ*

	Maru	OBurm	Bola
know	<b>sɛ</b> <sup>55</sup> *sɛX	–	<b>sɛ</b> <sup>35</sup> *sɛX
pull / drag (a log)	<b>ʃɛ</b> <sup>31</sup> *ʔrjɛ, *ʃɛ	–	<b>ʃɛ</b> <sup>55</sup> *ʃɛ
pull / lead (a cow) along	<b>ʃɛ</b> <sup>31</sup> *ʔrjɛ, *ʃɛ	–	<b>ʃɛ</b> <sup>55</sup> *ʃɛ
rod / stick	<b>sɛ</b> <sup>35</sup> *sɛH	–	<b>sɛ</b> <sup>31</sup> *sɛH

*Rime: ɛ:aj:ai*

	Maru	OBurm	Bola
twenty	<b><i>tshe</i></b> <sup>31</sup> *tse	<b><i>chay</i></b> *ʔtsai, *ʔtʃai, *ʔtsai, *ʔtʃai, *tsai, *tʃai, *tsai, *tʃai	<b><i>thai</i></b> <sup>55</sup> *tai, *tsai

*Rime: ɛ:i:ɛ*

	Maru	OBurm	Bola
red	<b><i>ne</i></b> <sup>31</sup> *ne	<b><i>ni</i></b> *ne, *ne	<b><i>ne</i></b> <sup>55</sup> *ne

*Rime: ɛʔ:-:ɛp*

	Maru	OBurm	Bola
lightning	<b><i>lɛʔ</i></b> <sup>55</sup> *ʔlap, *ʔlat	–	<b><i>lɛp</i></b> <sup>55</sup>

*Rime: ɛʔ:-:ɛt*

	Maru	OBurm	Bola
deer	<b><i>tsheʔ</i></b> <sup>55</sup> *tsap, *tsat	–	<b><i>tʃhet</i></b> <sup>31</sup>

*Rime: ɛʔ:-:ɛʔ*

	Maru	OBurm	Bola
strike (the table)	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
beat / thump	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
fall over / down	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
fight	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
catch (fire) / be (on fire)	<b><i>tɛʔ</i></b> <sup>31</sup> *dap, *dat	–	<b><i>tɛʔ</i></b> <sup>31</sup> *dap, *dat, *dzap, *dzat
owe (money)	<b><i>tɛʔ</i></b> <sup>31</sup>	–	<b><i>tɛʔ</i></b> <sup>31</sup>

	Maru	OBurm	Bola
break to pieces (grain)	*dap, *dat <b>tʃeʔ<sup>31</sup></b>	—	*dap, *dat, *dzap, *dzat <b>tʃeʔ<sup>31</sup></b>
blade (of grass)	*dʒap, *dʒat <b>kheʔ<sup>55</sup></b>	—	*dʒap, *dʒat <b>kheʔ<sup>55</sup></b>
chase after	*kap, *kat <b>kheʔ<sup>55</sup></b>	—	*kap, *kat <b>kheʔ<sup>55</sup></b>
repay	*kap, *kat <b>tsheʔ<sup>55</sup></b>	—	*kap, *kat <b>khjeʔ<sup>55</sup></b>
coal	*tsap, *tsat <b>meʔ<sup>31</sup></b>	—	*kʲap, *kʲat, *krap, *krat, *klap, *klat <b>meʔ<sup>31</sup></b>
ink (Chinese)	*map, *mat <b>meʔ<sup>31</sup></b>	—	*map, *mat <b>meʔ<sup>31</sup></b>
tomorrow	*map, *mat <b>neʔ<sup>31</sup></b>	—	*map, *mat <b>neʔ<sup>31</sup></b>
character / word	*nap, *nat <b>tʃheʔ<sup>55</sup></b>	—	*nap, *nat <b>tʃheʔ<sup>55</sup></b>
cymbals	*tʃap, *tʃat <b>tʃheʔ<sup>31</sup></b>	—	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>
ankle	<b>tʃheʔ<sup>55</sup></b>	—	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>
armpit	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>	—	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>
fill (a bowl with rice)	*tʃap, *tʃat <b>keʔ<sup>55</sup></b>	—	*tʃap, *tʃat <b>keʔ<sup>55</sup></b>
dry (clothes) in the air	*ʔkap, *ʔkat <b>leʔ<sup>55</sup></b>	—	*ʔkap, *ʔkat <b>leʔ<sup>55</sup></b>
sting (of wasps)	*ʔlap, *ʔlat <b>peʔ<sup>55</sup></b>	—	*ʔlap, *ʔlat <b>peʔ<sup>55</sup></b>
sheep (general)	*ʔpap, *ʔpat <b>peʔ<sup>55</sup></b>	—	*ʔpap, *ʔpat <b>peʔ<sup>55</sup></b>
light (a fire)	*ʔpap, *ʔpat <b>teʔ<sup>55</sup></b>	—	<b>teʔ<sup>55</sup></b>
infect	*ʔtap, *ʔtat <b>teʔ<sup>55</sup></b>	—	*ʔtap, *ʔtat <b>teʔ<sup>55</sup></b>
narrow	*ʔtap, *ʔtat <b>tʃeʔ<sup>55</sup></b>	—	*ʔtap, *ʔtat <b>tʃeʔ<sup>55</sup></b>
count (numbers)	*ʔtʃap, *ʔtʃat <b>ŋeʔ<sup>55</sup></b>	—	*ʔtʃap, *ʔtʃat <b>ŋeʔ<sup>55</sup></b>
	*ʔŋap, *ʔŋat		*ʔŋap, *ʔŋat

Rime: *ɛʔ:ak:ɛʔ*

	Maru	OBurm	Bola
snail	<b><i>pɛʔ<sup>31</sup></i></b> *bap, *bat	<b><i>pak</i></b> *bak	<b><i>pɛʔ<sup>31</sup></i></b> *bap, *bat

*Rime: ɛʔ:ap:ɛʔ*

	Maru	OBurm	Bola
repay (a debt)	<b><i>tsheʔ<sup>55</sup></i></b> *tsap, *tsat	<b><i>chap</i></b> *ʔtsap, *ʔtʃap, *ʔtsap, *ʔtʃap, *tsap, *tʃap, *tsap, *tʃap	<b><i>tʃheʔ<sup>55</sup></i></b> *tʃap, *tʃat
mucus (nasal)	<b><i>nɛʔ<sup>55</sup></i></b> *ʔnap, *ʔnat	<b><i>nhap</i></b> *ʔnap, *ʔnap	<b><i>nɛʔ<sup>55</sup></i></b> *ʔnap, *ʔnat
paste / stick / glue	<b><i>tɛʔ<sup>55</sup></i></b> *ʔtap, *ʔtat	<b><i>kap</i></b> *gap	<b><i>tɛʔ<sup>55</sup></i></b> *ʔtap, *ʔtat
needle	<b><i>ŋɛʔ<sup>55</sup></i></b> *ʔŋap, *ʔŋat	<b><i>ap</i></b> *ʔap	<b><i>ŋɛʔ<sup>55</sup></i></b> *ʔŋap, *ʔŋat

*Rime: ɛʔ:at:ʔ*

	Maru	OBurm	Bola
millet	<b><i>tsɛʔ<sup>55</sup></i></b> *ʔtsap, *ʔtsat	<b><i>chat</i></b> *ʔtsat, *ʔtʃat, *ʔtsat, *ʔtʃat, *tsat, *tʃat, *tsat, *tʃat	<b><i>nʔ<sup>31</sup></i></b>

*Rime: ɛʔ:at:ɛʔ*

	Maru	OBurm	Bola
wear (a bracelet)	<b><i>vɛʔ<sup>31</sup></i></b> *wap, *wat	<b><i>wat</i></b> *wat	<b><i>vɛʔ<sup>31</sup></i></b> *wap, *wat
eight	<b><i>ʃɛʔ<sup>55</sup></i></b> *ʔrjap, *ʔrjat, *ʃap, *ʃat	<b><i>rhyat</i></b> *ʔrjat, *ʔrjat	<b><i>ʃɛʔ<sup>55</sup></i></b> *ʃap, *ʃat
kill	<b><i>sɛʔ<sup>55</sup></i></b> *ʔsap, *ʔsat	<b><i>sat</i></b> *ʔsat, *sat, *ʃat	<b><i>sɛʔ<sup>55</sup></i></b> *ʔsap, *ʔsat

*Rime: ẽ ~ :-:u*

	Maru	OBurm	Bola
awn of wheat	<b><i>tshẽ<sup>31</sup></i></b> *tsam	–	<b><i>tu<sup>31</sup></i></b>

Rime:  $\tilde{e} \sim :-:\tilde{o} \sim$ 

	Maru	OBurm	Bola
elephant	<b><i>tshē</i></b> <sup>31</sup> *tsam	—	<b><i>tshō</i></b> <sup>55</sup>

Rime:  $\tilde{e} \sim :-:\tilde{e} \sim$ 

	Maru	OBurm	Bola
level / flat	<b><i>tē</i></b> <sup>31</sup> *dam	—	<b><i>tē</i></b> <sup>55</sup> *dam, *dan, *dzam,
scar	<b><i>tē</i></b> <sup>31</sup> *dam	—	<b><i>tē</i></b> <sup>55</sup> *dzan *dam, *dan, *dzam,
trunk	<b><i>kē</i></b> <sup>31</sup> *gam	—	<b><i>kē</i></b> <sup>55</sup> *dzan *gam, *gan
divide family property and live apart (offspring)	<b><i>kē</i></b> <sup>31</sup> *gam	—	<b><i>kē</i></b> <sup>55</sup> *gam, *gan
midnight	<b><i>kē</i></b> <sup>31</sup> *gam	—	<b><i>kē</i></b> <sup>55</sup> *gam, *gan
classifier for trees	<b><i>kē</i></b> <sup>31</sup> *gam	—	<b><i>kē</i></b> <sup>55</sup> *gam, *gan
spacious / commodious	<b><i>lē</i></b> <sup>31</sup> *lam	—	<b><i>lē</i></b> <sup>55</sup> *lam, *lan
fathom	<b><i>lē</i></b> <sup>31</sup> *lam	—	<b><i>lē</i></b> <sup>55</sup> *lam, *lan
otter	<b><i>xē</i></b> <sup>31</sup> *ʔram	—	<b><i>xē</i></b> <sup>55</sup>
dare	<b><i>vē</i></b> <sup>55</sup> *wamX	—	<b><i>vē</i></b> <sup>35</sup> *wamX, *wanX
sheath / scabbard	<b><i>ʃē</i></b> <sup>31</sup> *ʔrjam, *ʃam	—	<b><i>ʃē</i></b> <sup>55</sup> *ʃam, *ʃan
chin	<b><i>ē</i></b> <sup>31</sup> *ʔam	—	<b><i>ē</i></b> <sup>55</sup> *ʔam, *ʔan
ear / spike	<b><i>nē</i></b> <sup>31</sup> *nam	—	<b><i>nē</i></b> <sup>55</sup> *ʔnam, *ʔnan

Rime:  $\tilde{e} \sim :am:\tilde{e} \sim$ 

	Maru	OBurm	Bola
smell	<b><i>nē</i></b> <sup>31</sup>	<b><i>namḥ</i></b>	<b><i>nē</i></b> <sup>31</sup>

	Maru	OBurm	Bola
hair	*nam <b>tshẽ</b> <sup>31</sup> *tsam	*namH <b>cham</b> *ʔtsam, *ʔtʃam, *ʔtsam, *ʔtʃam, *tsam, *tʃam, *tsam, *tʃam	*namH, *nanH <b>tshẽ</b> <sup>55</sup>
bear	<b>vẽ</b> <sup>31</sup> *wam	<b>wam</b> *wam	<b>vẽ</b> <sup>55</sup> *wam, *wan

*Rime: ẽ ~ :ap:ẽ ~*

	Maru	OBurm	Bola
fetch / draw (water)	<b>khẽ</b> <sup>31</sup> *kam	<b>khap</b> *ʔkap, *ʔkap, *kap	<b>khẽ</b> <sup>55</sup> *kam, *kan

*Rime: ẽ ~ :am:ẽ ~*

	Maru	OBurm	Bola
pregnant, be	<b>vẽ</b> <sup>35</sup>	<b>wamḥ</b> *wamH	<b>vẽ</b> <sup>31</sup> *wamH, *wanH



## Tone Correspondence

*Tone:* -:<sup>22,55</sup>

	Maru	OBurm	Bola
warm	–	<b><i>lum</i></b> *lum	<b><i>lam</i></b> <sup>55</sup>
salty	–	<b><i>ñan</i></b> *ɲan	<b><i>ɲẽ</i></b> <sup>55</sup> *ɲam, *ɲan
patch (clothing)	–	<b><i>pha</i></b> *pa, *ʔpa, *ʔpa	<b><i>pha</i></b> <sup>55</sup> *pa

*Tone:* -:<sup>55,31</sup>

	Maru	OBurm	Bola
son	–	<b><i>saḥ</i></b> *ʔsaH, *saH, *ʃaH	<b><i>ta</i></b> <sup>31</sup> *daH, *dzaH

*Tone:* -:<sup>55,35</sup>

	Maru	OBurm	Bola
shrivel up / wither	–	<b><i>ñhuiwḥ</i></b> *ʔɲuH, *ʔɲuH	<b><i>ɲju</i></b> <sup>35</sup>

*Tone:* <sup>31</sup>:-: <sup>31</sup>

	Maru	OBurm	Bola
strike (the table)	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
beat / thump	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
hammer	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
fight	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat	–	<b><i>pɛʔ</i></b> <sup>31</sup> *bap, *bat
drop	<b><i>pjik</i></b> <sup>31</sup>	–	<b><i>pjɔt</i></b> <sup>31</sup>

	Maru	OBurm	Bola
	*bji, *bjiH, *bjiX, *bri, *briH, *briX, *bli, *bliH, *bliX		
stingy	<b><i>pjak</i><sup>31</sup></b>	–	<b><i>pjak</i><sup>31</sup></b>
fall down (a house) / collapse	*bjik, *brik, *blik <b><i>kjəʔ</i><sup>31</sup></b>	–	*bjik, *brik, *blik <b><i>pjaʔ</i><sup>31</sup></b>
cliff	<b><i>pjaʔ</i><sup>31</sup></b>	–	*bjak, *brak, *blak <b><i>pjaʔ</i><sup>31</sup></b>
sweat	*bjak, *brak, *blak <b><i>pau</i><sup>31</sup></b>	–	*bjak, *brak, *blak <b><i>pau</i><sup>31</sup></b>
monk	<b><i>puŋ</i><sup>31</sup></b>	–	*buH <b><i>puŋ</i><sup>31</sup></b>
go upstairs	<b><i>təʔ</i><sup>31</sup></b>	–	*buŋH <b><i>taʔ</i><sup>31</sup></b>
dragonfly	*dak <b><i>təŋ</i><sup>31</sup></b>	–	*dak, *dzak <b><i>ʃu</i><sup>31</sup></b>
catch (fire) / be (on fire)	*dan <b><i>tɛʔ</i><sup>31</sup></b>	–	<b><i>tɛʔ</i><sup>31</sup></b>
owe (money)	*dap, *dat <b><i>tɛʔ</i><sup>31</sup></b>	–	*dap, *dat, *dzap, *dzat <b><i>tɛʔ</i><sup>31</sup></b>
belly	*dap, *dat <b><i>tuk</i><sup>31</sup></b>	–	*dap, *dat, *dzap, *dzat <b><i>tau</i><sup>31</sup></b>
work / labor	*du, *duH, *duX <b><i>tsɔi</i><sup>31</sup></b>	–	*duH, *dzuH <b><i>tui</i><sup>31</sup></b>
right / correct	<b><i>tʃɔ</i><sup>31</sup></b>	–	*duiH, *dzuiH <b><i>tʃɔ</i><sup>31</sup></b>
fabric (silk)	*dʒa <b><i>tsɔ</i><sup>31</sup></b>	–	<b><i>ta</i><sup>31</sup></b>
orphan	*dza <b><i>tsɔ</i><sup>31</sup></b>	–	*daH, *dzaH <b><i>ta</i><sup>31</sup></b>
roll up (cloth)	*dza <b><i>tshaŋ</i><sup>31</sup></b>	–	*daH, *dzaH <b><i>taŋ</i><sup>31</sup></b>
cotton	*tsiŋ <b><i>tə</i><sup>31</sup></b>	–	*diŋH, *dziŋH <b><i>tə</i><sup>31</sup></b>
there are (trees on the mountain)	<b><i>tʃəʔ</i><sup>31</sup></b>	–	<b><i>tʃaʔ</i><sup>31</sup></b>
break to pieces (grain)	*dʒak <b><i>tʃɛʔ</i><sup>31</sup></b>	–	*dʒak <b><i>tʃɛʔ</i><sup>31</sup></b>
crack / rift / fissure	*dʒap, *dʒat <b><i>kəʔ</i><sup>31</sup></b>	–	*dʒap, *dʒat <b><i>kaʔ</i><sup>31</sup></b>
monk	*gak <b><i>kji</i><sup>31</sup></b>	–	*gak <b><i>kji</i><sup>31</sup></b>
	*gje, *gre, *gle		*gjiH, *gjeH, *griH, *greH, *gliH, *gleH

	Maru	OBurm	Bola
cold (weather, water)	<b>kjɔʔ<sup>31</sup></b> *gjak, *grak, *glak	–	<b>kjaʔ<sup>31</sup></b> *gjak, *grak, *glak
pick up	<b>kauk<sup>31</sup></b> *guk	–	<b>kauʔ<sup>31</sup></b>
lick / lap	<b>jɔʔ<sup>31</sup></b> *jak	–	<b>jaʔ<sup>31</sup></b> *jak
buckwheat	<b>khjau<sup>31</sup></b>	–	<b>khjau<sup>31</sup></b> *kjuH, *kruH, *kluH
donkey	<b>lɔ<sup>31</sup></b> *la	–	<b>lɔ<sup>31</sup></b>
cat	<b>lɔ̃<sup>31</sup></b>	–	<b>lɔ̃<sup>31</sup></b>
sow	<b>vɔʔ<sup>31</sup></b> *wak	–	<b>vaʔ<sup>31</sup></b> *wak
chaff / bran	<b>vɔʔ<sup>31</sup></b> *wak	–	<b>vaʔ<sup>31</sup></b> *wak
carry (sthg.) with a pole on t	<b>vɔʔ<sup>31</sup></b> *wak	–	<b>vaʔ<sup>31</sup></b> *wak
shoulder	<b>vɔʔ<sup>31</sup></b> *wak	–	<b>vaʔ<sup>31</sup></b> *wak
hail	<b>lak<sup>31</sup></b> *lik	–	<b>lak<sup>31</sup></b> *lik
coal	<b>mɛʔ<sup>31</sup></b> *map, *mat	–	<b>mɛʔ<sup>31</sup></b> *map, *mat
ink (Chinese)	<b>mɛʔ<sup>31</sup></b> *map, *mat	–	<b>mɛʔ<sup>31</sup></b> *map, *mat
tangerine	<b>mak<sup>31</sup></b> *mik	–	<b>mak<sup>31</sup></b> *mik
mirror	<b>mjoʔ<sup>31</sup></b>	–	<b>mjaʔ<sup>31</sup></b> *mjak, *mrak, *mlak
paper	<b>muk<sup>31</sup></b> *mu, *muH, *muX	–	<b>mau<sup>31</sup></b> *muH
tomorrow	<b>nɛʔ<sup>31</sup></b> *nap, *nat	–	<b>nɛʔ<sup>31</sup></b> *nap, *nat
plait	<b>nak<sup>31</sup></b> *nik	–	<b>nak<sup>31</sup></b> *nik
pheasant	<b>ɣɔʔ<sup>31</sup></b> *rak	–	<b>ɣaʔ<sup>31</sup></b>
shave (the head)	<b>ɣauk<sup>31</sup></b> *ruk	–	<b>ɣauʔ<sup>31</sup></b>
few / little	<b>ʃau<sup>31</sup></b>	–	<b>ʃau<sup>31</sup></b> *ʃuH
awn of wheat	<b>tshɛ̃<sup>31</sup></b> *tsam	–	<b>tu<sup>31</sup></b>

	Maru	OBurm	Bola
sock / stocking	<b>va</b> <sup>31</sup>	–	<b>va</b> <sup>31</sup> *waH
tile	<b>va</b> <sup>31</sup>	–	<b>va</b> <sup>31</sup> *waH
cooked, be (rice) / done	<b>ɲjaʔ</b> <sup>31</sup> *ɲjak, *ɲrak, *ɲlak	–	<b>ɲjaʔ</b> <sup>31</sup> *ɲjak, *ɲrak, *ɲlak
tongs (fire)	<b>ɲjeʔ</b> <sup>31</sup> *ɲjap, *ɲjat, *ɲrap, *ɲrat, *ɲlap, *ɲlat	–	<b>ɲjeʔ</b> <sup>31</sup> *ɲjap, *ɲjat, *ɲrap, *ɲrat, *ɲlap, *ɲlat
musk	<b>ʃɛ</b> <sup>31</sup> *ʔrjɛ, *ʃɛ	–	<b>ʃə</b> <sup>31</sup>

*Tone:* <sup>31</sup>:-: <sup>35</sup>

	Maru	OBurm	Bola
doze / nod off	<b>ɲəʔ</b> <sup>31</sup>	–	<b>ɲə</b> <sup>35</sup>
overthrow / down with	<b>laɲ</b> <sup>31</sup> *ʔliɲ	–	<b>laɲ</b> <sup>35</sup> *ʔliɲX

*Tone:* <sup>31</sup>:-: <sup>51</sup>

	Maru	OBurm	Bola
crops	<b>vɔ</b> <sup>31</sup> *wa	–	<b>vɔ</b> <sup>51</sup>

*Tone:* <sup>31</sup>:-: <sup>55</sup>

	Maru	OBurm	Bola
year after next	<b>pə</b> <sup>31</sup>	–	<b>pa</b> <sup>55</sup> *ba
there is (water in the bowl)	<b>pɔ</b> <sup>31</sup> *ba	–	<b>pa</b> <sup>55</sup> *ba
accomplish / succeed	<b>pəɲ</b> <sup>31</sup> *ban	–	<b>pɛ</b> <sup>55</sup> *bam, *ban
all / whole, the	<b>pəɲ</b> <sup>31</sup> *ban	–	<b>pɛ</b> <sup>55</sup> *bam, *ban
tears	<b>pik</b> <sup>31</sup> *bi, *biH, *biX	–	<b>pi</b> <sup>55</sup> *bi, *be
come loose (shoelace)	<b>pak</b> <sup>31</sup> *bik	–	<b>pəi</b> <sup>55</sup>

	Maru	OBurm	Bola
break up (meeting) / end	<b>pjɔ</b> <sup>31</sup> *bja, *bra, *bla	–	<b>pja</b> <sup>55</sup> *bja, *bra, *bla
jump	<b>pjẽ</b> <sup>31</sup> *bjam, *bram, *blam	–	<b>pjẽ</b> <sup>55</sup> *bjam, *bjan, *bram, *bran, *blam, *blan
step / stride	<b>pje</b> <sup>31</sup> *bjɛ, *brɛ, *blɛ	–	<b>pje</b> <sup>55</sup> *bjɛ, *brɛ, *blɛ
date (time)	<b>pa</b> <sup>31</sup>	–	<b>pui</b> <sup>55</sup> *bui
hill / mountain	<b>pam</b> <sup>31</sup> *bum, *bim	–	<b>pam</b> <sup>55</sup>
New Year's Day	<b>tsəŋ</b> <sup>31</sup> *dzan	–	<b>tẽ</b> <sup>55</sup> *dam, *dan, *dzam, *dzan
level / flat	<b>tẽ</b> <sup>31</sup> *dam	–	<b>tẽ</b> <sup>55</sup> *dam, *dan, *dzam, *dzan
scar	<b>tẽ</b> <sup>31</sup> *dam	–	<b>tẽ</b> <sup>55</sup> *dam, *dan, *dzam, *dzan
called, be / named	<b>jɔ</b> <sup>31</sup> *jaŋ	–	<b>jɔ</b> <sup>55</sup> *jaŋ
ask s.b. to come here / fetch	<b>jɔ</b> <sup>31</sup> *jaŋ	–	<b>jɔ</b> <sup>55</sup> *jaŋ
feed (pig) / pigwash	<b>tsɔ</b> <sup>31</sup> *dza	–	<b>ta</b> <sup>55</sup> *da, *dza
rice (glutinous)	<b>tsɔ</b> <sup>31</sup>	–	<b>ta</b> <sup>55</sup> *da, *dza
sow	<b>tsaŋ</b> <sup>31</sup> *dziŋ	–	<b>taŋ</b> <sup>55</sup> *diŋ, *dziŋ
mare	<b>tsaŋ</b> <sup>31</sup> *dziŋ	–	<b>taŋ</b> <sup>55</sup> *diŋ, *dziŋ
pillar / column	<b>tsaŋ</b> <sup>31</sup> *dziŋ	–	<b>taŋ</b> <sup>55</sup> *diŋ, *dziŋ
stupid	<b>kɔ</b> <sup>31</sup> *ga	–	<b>ka</b> <sup>55</sup> *ga
cover / hide from view	<b>kɔ</b> <sup>31</sup> *ga	–	<b>ka</b> <sup>55</sup> *ga
fool / blockhead	<b>ŋɔk</b> <sup>31</sup>	–	<b>ka</b> <sup>55</sup> *ga
persimmon	<b>kɔ</b> <sup>31</sup> *ga	–	<b>ka</b> <sup>55</sup> *ga
true	<b>kai</b> <sup>31</sup> *gai	–	<b>kai</b> <sup>55</sup> *gai
trunk	<b>kẽ</b> <sup>31</sup>	–	<b>kẽ</b> <sup>55</sup>

	Maru	OBurm	Bola
divide family property and live apart (offspring)	*gam <b>kē<sup>31</sup></b>	—	*gam, *gan <b>kē<sup>55</sup></b>
midnight	*gam <b>kē<sup>31</sup></b>	—	*gam, *gan <b>kē<sup>55</sup></b>
classifier for trees	*gam <b>kē<sup>31</sup></b>	—	*gam, *gan <b>kē<sup>55</sup></b>
warm oneself by (a fire)	*gam <b>kō<sup>31</sup></b>	—	*gam, *gan <b>kō<sup>55</sup></b>
life span	*gaŋ <b>kō<sup>31</sup></b>	—	*gaŋ <b>kō<sup>55</sup></b>
chest	*gaŋ <b>kō<sup>31</sup></b>	—	*gaŋ <b>kō<sup>55</sup></b>
soldier	*gaŋ <b>kje<sup>31</sup></b>	—	*gaŋ <b>kje<sup>55</sup></b>
open up wasteland	*gje, *gre, *gle <b>jō<sup>31</sup></b>	—	*gje, *gre, *gle <b>ja<sup>55</sup></b>
forest	*ja <b>jō<sup>31</sup></b>	—	*ja <b>ja<sup>55</sup></b>
vicinity / nearby	*ja <b>jē<sup>31</sup></b>	—	*ja <b>jē<sup>55</sup></b>
grow (a boil)	*jam <b>jauk<sup>31</sup></b>	—	*jam, *jan <b>jau<sup>55</sup></b>
rafter (of building)	*juk <b>khjō<sup>31</sup></b>	—	<b>khjō<sup>55</sup></b>
puttee	*kjaŋ, *kraŋ, *klaŋ <b>khjik<sup>31</sup></b>	—	*kjaŋ, *kraŋ, *klaŋ <b>khji<sup>55</sup></b>
ankle	<b>khjik<sup>31</sup></b>	—	*kji, *kje, *kri, *kre, *kli, *kle <b>khji<sup>55</sup></b>
rescue / save	<b>khji<sup>31</sup></b> *kje, *kre, *kle	—	*kji, *kje, *kri, *kre, *kli, *kle <b>khji<sup>55</sup></b>
garden (plot)	<b>khjē<sup>31</sup></b> *kjam, *kram, *klam	—	*kji, *kje, *kri, *kre, *kli, *kle <b>khjē<sup>55</sup></b>
that side / there	<b>khjō<sup>31</sup></b> *kja, *kra, *kla	—	*kjam, *kjan, *kram, *kran, *klam, *klan <b>khja<sup>55</sup></b>
trivet	<b>kjō<sup>31</sup></b> *?kja, *?kra, *?kla	—	*kja, *kra, *kla <b>kjā<sup>55</sup></b>
on the other side (of a riv	<b>kjō<sup>31</sup></b> *?kja, *?kra, *?kla	—	*?kja, *?kra, *?kla <b>kjā<sup>55</sup></b>

	Maru	OBurm	Bola
road	<b>khjɔ</b> <sup>31</sup> *kja, *kra, *kla	–	<b>khja</b> <sup>55</sup> *kja, *kra, *kla
spacious / commodious	<b>lɛ</b> <sup>31</sup> *lam	–	<b>lɛ</b> <sup>55</sup> *lam, *lan
fathom	<b>lɛ</b> <sup>31</sup> *lam	–	<b>lɛ</b> <sup>55</sup> *lam, *lan
snake	<b>lɔ</b> <sup>31</sup> *laŋ	–	<b>lɔ</b> <sup>55</sup> *laŋ
river	<b>lɔ</b> <sup>31</sup> *laŋ	–	<b>lɔ</b> <sup>55</sup> *laŋ
rely / lean on	<b>lam</b> <sup>31</sup> *lum, *lim	–	<b>lam</b> <sup>55</sup>
corpse	<b>mɔ</b> <sup>31</sup> *maŋ	–	<b>mɔ</b> <sup>55</sup> *maŋ
dragon	<b>mɔ</b> <sup>31</sup> *maŋ	–	<b>mɔ</b> <sup>55</sup> *maŋ
winter	<b>mjɔ</b> <sup>31</sup> *mja, *mra, *mla	–	<b>mja</b> <sup>55</sup> *mja, *mra, *mla
loud	<b>mjaŋ</b> <sup>31</sup> *mjiŋ, *mriŋ, *mliŋ	–	<b>mjaŋ</b> <sup>55</sup> *mjiŋ, *mriŋ, *mliŋ
patient	<b>nɔ</b> <sup>31</sup> *na	–	<b>na</b> <sup>55</sup> *na
plowshare	<b>nɔ</b> <sup>31</sup>	–	<b>na</b> <sup>55</sup> *na
aunt (father's sister)	<b>na</b> <sup>31</sup> *ni	–	<b>nai</b> <sup>55</sup> *nai
be (in the house)	<b>na</b> <sup>31</sup> *ni	–	<b>ŋji</b> <sup>55</sup> *ŋji, *ŋje, *ŋri, *ŋre, *ŋli, *ŋle
agree / consent	<b>nuk</b> <sup>31</sup> *nu, *nuH, *nuX	–	<b>nau</b> <sup>55</sup> *nu
joke / jest	<b>nuk</b> <sup>31</sup> *nu, *nuH, *nuX	–	<b>nau</b> <sup>55</sup> *nu
escape / run away	<b>phɔ</b> <sup>31</sup> *paŋ	–	<b>phɔ</b> <sup>55</sup> *paŋ
split up (bamboo strips)	<b>phjɔ</b> <sup>31</sup> *pja, *pra, *pla	–	<b>phja</b> <sup>55</sup> *pja, *pra, *pla
otter	<b>xɛ</b> <sup>31</sup> *ʔram	–	<b>xɛ</b> <sup>55</sup>
next year	<b>sɔ</b> <sup>31</sup> *saŋ	–	<b>sɔ</b> <sup>55</sup> *saŋ
host / master	<b>saŋ</b> <sup>31</sup> *siŋ	–	<b>saŋ</b> <sup>55</sup> *siŋ
manage / control	<b>saŋ</b> <sup>31</sup>	–	<b>saŋ</b> <sup>55</sup>

	Maru	OBurm	Bola
oneself	*siŋ <b>saŋ</b> <sup>31</sup>	—	*siŋ <b>saŋ</b> <sup>55</sup>
chin	*siŋ <b>thō</b> <sup>31</sup>	—	*siŋ <b>thō</b> <sup>55</sup>
flight of steps	*taŋ <b>thō</b> <sup>31</sup>	—	*taŋ, *tsaŋ <b>thō</b> <sup>55</sup>
span (thumb to middle finger)	*taŋ <b>thu</b> <sup>31</sup>	—	*taŋ, *tsaŋ <b>thō</b> <sup>55</sup>
elephant	*to <b>tshē</b> <sup>31</sup>	—	<b>tshō</b> <sup>55</sup>
cymbals	*tsam <b>tʃheɹ</b> <sup>31</sup>	—	<b>tʃheɹ</b> <sup>55</sup> *tʃap, *tʃat
village	<b>vō</b> <sup>31</sup>	—	<b>va</b> <sup>55</sup>
wear / bear	*wa <b>vəŋ</b> <sup>31</sup>	—	*wa <b>vən</b> <sup>55</sup>
uncle (father's sister's husband)nd	*wan <b>vō</b> <sup>31</sup>	—	<b>vō</b> <sup>55</sup>
tongue	*waŋ <b>ʃō</b> <sup>31</sup>	—	*waŋ <b>ʃa</b> <sup>55</sup>
cotton	*ʔrja, *ʃa <b>əu</b> <sup>31</sup>	—	*ʃa <b>u</b> <sup>55</sup>
sheath / scabbard	<b>ʃē</b> <sup>31</sup>	—	<b>ʃē</b> <sup>55</sup>
child	*ʔrjam, *ʃam <b>ʃō</b> <sup>31</sup>	—	*ʃam, *ʃan <b>ʃō</b> <sup>55</sup>
grandfather	*ʔrjaŋ, *ʃaŋ <b>a</b> <sup>31</sup>	—	*ʃaŋ <b>a</b> <sup>55</sup>
below / under	<b>ō</b> <sup>31</sup>	—	*ʔa <b>a</b> <sup>55</sup>
aunt (wife of father's younger brother)	*ʔa <b>a</b> <sup>31</sup>	—	*ʔa <b>a</b> <sup>55</sup>
lower part of / lower reaches	<b>ō</b> <sup>31</sup>	—	*ʔa <b>a</b> <sup>55</sup>
chin	<b>ē</b> <sup>31</sup>	—	<b>ē</b> <sup>55</sup>
oneself	*ʔam <b>jām</b> <sup>31</sup>	—	*ʔam, *ʔan <b>jām</b> <sup>55</sup>
inside	*ʔjum, *ʔjim <b>khuk</b> <sup>31</sup>	—	<b>khau</b> <sup>55</sup>
stir-fry	<b>lai</b> <sup>31</sup>	—	*ku <b>lai</b> <sup>55</sup>
circle / hover / wheel	*ʔlai <b>laŋ</b> <sup>31</sup>	—	*ʔlai <b>laŋ</b> <sup>55</sup>



	Maru	OBurm	Bola
smoke / fumigate	*ʔliŋ <b>mai</b> <sup>31</sup>	–	*ʔliŋ <b>mai</b> <sup>55</sup>
ear / spike	*ʔmai <b>ne</b> <sup>31</sup>	–	*ʔmai <b>ne</b> <sup>55</sup>
make / cause	*nam <b>nɔ̃</b> <sup>31</sup>	–	*ʔnam, *ʔnan <b>nɔ̃</b> <sup>55</sup>
cuddle / embrace	*ʔnaŋ <b>pɔ̃</b> <sup>31</sup>	–	*ʔnaŋ <b>pɔ̃</b> <sup>55</sup>
willow	*ʔpa <b>pəŋ</b> <sup>31</sup>	–	*ʔpa <b>pɛ</b> <sup>55</sup>
astringent	*ʔpan <b>pəŋ</b> <sup>31</sup>	–	*ʔpam, *ʔpan <b>pɛ</b> <sup>55</sup>
porcupine	*ʔpan <b>pju</b> <sup>31</sup>	–	*ʔpam, *ʔpan <b>pju</b> <sup>55</sup>
gold	*ʔpjo, *ʔpro, *ʔplo <b>xaŋ</b> <sup>31</sup>	–	<b>xaŋ</b> <sup>55</sup>
pull / drag (a log)	*ʔriŋ <b>ʃe</b> <sup>31</sup>	–	<b>ʃe</b> <sup>55</sup>
pull / lead (a cow) along	*ʔrje, *ʃe <b>ʃe</b> <sup>31</sup>	–	*ʃe <b>ʃe</b> <sup>55</sup>
this	*ʔrje, *ʃe <b>tʃhe</b> <sup>31</sup>	–	*ʃe <b>tʃhə</b> <sup>55</sup>
welcome, bid s.b. / greet	*tʃe <b>tɔ̃i</b> <sup>31</sup>	–	<b>tɔ̃i</b> <sup>55</sup>
fifty	<b>tshe</b> <sup>31</sup>	–	*ʔtai <b>san</b> <sup>55</sup>
want / need	*tse <b>ŋɔ̃</b> <sup>31</sup>	–	<b>ŋɔ̃</b> <sup>55</sup>
	*ʔŋa		*ʔŋa

Tone: <sup>31,22,31</sup>

	Maru	OBurm	Bola
butterfly	<b>phə̃</b> <sup>31</sup>	<b>pra</b> *bra	<b>phə̃</b> <sup>31</sup>

Tone: <sup>31,22,55</sup>

	Maru	OBurm	Bola
sheath / scabbard	<b>pjɔ̃</b> <sup>31</sup>	<b>prañ</b>	<b>pjɔ̃</b> <sup>55</sup>
pus	*bjaŋ, *braŋ, *blaŋ <b>pjaŋ</b> <sup>31</sup>	*braŋ <b>prañ</b>	*bjaŋ, *braŋ, *blaŋ <b>pjaŋ</b> <sup>55</sup>

	Maru	OBurm	Bola
fly	*bjiŋ, *briŋ, *bliŋ <i>jɔ̃</i> <sup>31</sup>	*briŋ <i>pyam</i>	*bjiŋ, *briŋ, *bliŋ <i>jɔ̃</i> <sup>55</sup>
wing	*jaŋ <i>tauŋ</i> <sup>31</sup>	*bjam <i>to<sub>2</sub>n̄</i>	*jaŋ <i>tauŋ</i> <sup>55</sup>
drum	*duŋ <i>tsaŋ</i> <sup>31</sup>	*duŋ <i>cañ</i>	<i>taŋ</i> <sup>55</sup>
look like / resemble	*dziŋ <i>tøʔ</i> <sup>31</sup>	*dziŋ, *dʒiŋ <i>tu</i>	*diŋ, *dziŋ <i>tu</i> <sup>55</sup>
soak / steep	<i>tʃam</i> <sup>31</sup>	*dʊ <i>cim</i>	<i>tʃam</i> <sup>55</sup>
right	*dʒum, *dʒim <i>jɔ̃</i> <sup>31</sup>	*dzim, *dʒim <i>ya</i>	<i>ja</i> <sup>55</sup>
leak	*ja <i>juk</i> <sup>31</sup>	*ʔja, *ja <i>yuiw</i>	*ja <i>ju</i> <sup>55</sup>
star	*ju, *juH, *juX <i>kji</i> <sup>31</sup>	*ʔju, *ju <i>kray</i>	<i>kji</i> <sup>55</sup>
thread	*ʔkje, *ʔkre, *ʔkle <i>kjhaŋ</i> <sup>31</sup>	*grai <i>khrañ</i>	*ʔkji, *ʔkje, *ʔkri, *ʔkre, *ʔkli, *ʔkle <i>khjaŋ</i> <sup>55</sup>
horn	<i>khjuk</i> <sup>31</sup>	*ʔkriŋ, *ʔkriŋ, *kriŋ <i>khuiw</i>	*kjiŋ, *kriŋ, *kliŋ <i>khju</i> <sup>55</sup>
come	<i>lɔ̃</i> <sup>31</sup>	*ʔkju, *ʔkju, *kju <i>la</i>	<i>la</i> <sup>55</sup>
husband	*la <i>lɔ̃</i> <sup>31</sup>	*la <i>lañ</i>	*la <i>lɔ̃</i> <sup>55</sup>
wind	*laŋ <i>la</i> <sup>31</sup>	*laŋ <i>liy</i>	*laŋ <i>li</i> <sup>55</sup>
neck	*li <i>laŋ</i> <sup>31</sup>	*li <i>lañ</i>	*li, *le <i>laŋ</i> <sup>55</sup>
peanut	*liŋ <i>mjik</i> <sup>31</sup>	*liŋ <i>mliy</i>	*liŋ <i>məi</i> <sup>55</sup>
name	*mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX <i>maŋ</i> <sup>31</sup>	*mli <i>mañ</i>	<i>maŋ</i> <sup>55</sup>
swallow	*miŋ <i>mjuk</i> <sup>31</sup>	*miŋ <i>myuiw</i>	*miŋ <i>mjuŋ</i> <sup>55</sup>
see	*mju, *mjuH, *mjuX, *mru, *mruH, *mruX, *mlu, *mluH, *mluX <i>mjɔ̃</i> <sup>31</sup>	*mju <i>mrañ</i>	*mjuŋ, *mruiŋ, *mluŋ <i>mjɔ̃</i> <sup>55</sup>
mushroom	*mjaŋ, *mraŋ, *mlaŋ <i>muk</i> <sup>31</sup>	*mraŋ <i>mhuiw</i>	*mjaŋ, *mraŋ, *mlaŋ <i>mau</i> <sup>55</sup>
	*mu, *muH, *muX	*ʔmu, *ʔmu	*mu

	Maru	OBurm	Bola
ill, to be	<b>nɔ</b> <sup>31</sup>	<b>na</b>	<b>na</b> <sup>55</sup>
	*na	*na	*na
you	<b>nɔ̃</b> <sup>31</sup>	<b>nañ</b>	<b>nɔ̃</b> <sup>55</sup>
	*naŋ	*naŋ	*naŋ
red	<b>nɛ</b> <sup>31</sup>	<b>ni</b>	<b>nɛ</b> <sup>55</sup>
	*nɛ	*ne, *nɛ	*nɛ
white	<b>phju</b> <sup>31</sup>	<b>phlu</b>	<b>phju</b> <sup>55</sup>
	*pjo, *pro, *plo	*plu, *ʔplu, *ʔplu	
fall (rain)	<b>vu</b> <sup>31</sup>	<b>ro</b> <sub>1</sub>	<b>ɣɔ</b> <sup>55</sup>
	*wo	*ro	
hair	<b>tshɛ̃</b> <sup>31</sup>	<b>cham</b>	<b>tshɛ̃</b> <sup>55</sup>
	*tsam	*ʔtsam, *ʔtʃam, *ʔtsam, *ʔtʃam, *tsam, *tʃam, *tsam, *tʃam	
buy	<b>vai</b> <sup>31</sup>	<b>way</b>	<b>vɛ</b> <sup>55</sup>
	*wai	*wai	*wɛ
bear	<b>vɛ̃</b> <sup>31</sup>	<b>wam</b>	<b>vɛ̃</b> <sup>55</sup>
	*wam	*wam	*wam, *wan
enter (a house)	<b>vɔ̃</b> <sup>31</sup>	<b>wañ</b>	<b>vɔ̃</b> <sup>55</sup>
	*waŋ	*waŋ	*waŋ
I	<b>ŋɔ̃</b> <sup>31</sup>	<b>ña</b>	<b>ŋǎ</b> <sup>55</sup>
		*ŋa	
small	<b>ŋai</b> <sup>31</sup>	<b>ñay</b>	<b>ŋai</b> <sup>55</sup>
	*ŋai	*ŋai	*ŋai
cry	<b>ŋuk</b> <sup>31</sup>	<b>ñuiw</b>	<b>ŋau</b> <sup>55</sup>
	*ŋu, *ŋuH, *ŋuX	*ŋu	*ŋu
silver	<b>ŋø</b> <sup>31</sup>	<b>ñuy</b>	<b>ŋø</b> <sup>55</sup>
		*ŋui	
green	<b>ŋjuk</b> <sup>31</sup>	<b>ñuiw</b>	<b>ŋjuŋ</b> <sup>55</sup>
	*ŋju, *ŋjuH, *ŋjuX, *ŋru, *ŋruH, *ŋruX, *ŋlu, *ŋluH, *ŋluX	*ju	*ŋjuŋ, *ŋruŋ, *ŋluŋ
iron	<b>ʃɛ̃</b> <sup>31</sup>	<b>u</b>	<b>u</b> <sup>55</sup>
	*ʔrjam, *ʃam	*ʔu	
house	<b>jam</b> <sup>31</sup>	<b>im</b>	<b>jam</b> <sup>55</sup>
	*ʔjum, *ʔjim	*ʔim, *ʔjim, *jim	
mosquito	<b>kjɔ̃</b> <sup>31</sup>	<b>khrañ</b>	<b>kjɔ̃</b> <sup>55</sup>
	*ʔkjaŋ, *ʔkraŋ, *ʔklaŋ	*ʔkraŋ, *ʔkraŋ, *kraŋ	*ʔkjaŋ, *ʔkraŋ, *ʔklaŋ
horizontal	<b>pji</b> <sup>31</sup>	<b>phi</b>	<b>pi</b> <sup>55</sup>
	*ʔpje, *ʔpre, *ʔple	*pe, *pɛ, *ʔpe, *ʔpɛ, *ʔpe, *ʔpɛ	*ʔpi, *ʔpe
long	<b>xaŋ</b> <sup>31</sup>	<b>rhañ</b>	<b>xaŋ</b> <sup>55</sup>
	*ʔriŋ	*ʔriŋ, *ʔriŋ	
die	<b>ʃik</b> <sup>31</sup>	<b>siy</b>	<b>ʃɪ</b> <sup>55</sup>

	Maru	OBurm	Bola
twenty	<b><i>tshe</i></b> <sup>31</sup> *tse	*ʔsi, *si, *ʃi <b><i>chay</i></b> *ʔtsai, *ʔtʃai, *ʔtsai, *ʔtʃai, *tsai, *tʃai, *tsai, *tʃai	*ʃi, *ʃe <b><i>thai</i></b> <sup>55</sup> *tai, *tsai
oil (animal)	<b><i>tshau</i></b> <sup>31</sup>	<b><i>chi</i></b> *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *ʔtse, *ʔtse, *ʔtʃe, *ʔtʃe, *tse, *tse, *tʃe, *tʃe, *tse, *tse, *tʃe, *tʃe	<b><i>tshu</i></b> <sup>55</sup>

*Tone:* <sup>31</sup>·<sup>4</sup>·<sup>31</sup>

	Maru	OBurm	Bola
snail	<b><i>peʔ</i></b> <sup>31</sup> *bap, *bat	<b><i>pak</i></b> *bak	<b><i>peʔ</i></b> <sup>31</sup> *bap, *bat
shoot (an arrow)	<b><i>pak</i></b> <sup>31</sup> *bik	<b><i>pac</i></b> *bik	<b><i>pak</i></b> <sup>31</sup> *bik
rot	<b><i>pap</i></b> <sup>31</sup> *bup, *bip	<b><i>pup</i></b> *bup	<b><i>pap</i></b> <sup>31</sup>
chicken	<b><i>ʔʊʔ</i></b> <sup>31</sup> *rak	<b><i>khyak</i></b> *ʔkjak, *ʔkjak, *kjak	<b><i>ʔaʔ</i></b> <sup>31</sup>
mouse	<b><i>yuk</i></b> <sup>31</sup> *ru, *ruH, *ruX	<b><i>kro<sub>1</sub>k</i></b> *grok	<b><i>ʔʊʔ</i></b> <sup>31</sup>
afraid, be	<b><i>kjauk</i></b> <sup>31</sup> *gjuk, *gruk, *gluk	<b><i>kro<sub>2</sub>k</i></b> *gruk	<b><i>kjauʔ</i></b> <sup>31</sup>
rice (paddy)	<b><i>kauk</i></b> <sup>31</sup> *guk	<b><i>ko<sub>2</sub>k</i></b> *guk	<b><i>kauʔ</i></b> <sup>31</sup>
man	<b><i>jauk</i></b> <sup>31</sup> *juk	<b><i>yo<sub>2</sub>k</i></b> *ʔjuk, *juk	<b><i>jauʔ</i></b> <sup>31</sup>
finger	<b><i>lɔʔ</i></b> <sup>31</sup> *lak	<b><i>lak</i></b> *lak	<b><i>laʔ</i></b> <sup>31</sup> *lak
pig	<b><i>vɔʔ</i></b> <sup>31</sup> *wak	<b><i>wak</i></b> *wak	<b><i>vaʔ</i></b> <sup>31</sup> *wak
eye	<b><i>mjɔʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak	<b><i>myak</i></b> *mjak	<b><i>mjaʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak
face	<b><i>mjɔʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak	<b><i>mho<sub>2</sub>k</i></b> *ʔmuk, *ʔmuk	<b><i>mjaʔ</i></b> <sup>31</sup> *mjak, *mrak, *mlak
monkey	<b><i>mjauk</i></b> <sup>31</sup> *mjuk, *mrak, *mlak	<b><i>myo<sub>2</sub>k</i></b> *mjuk	<b><i>mjaʔ</i></b> <sup>31</sup>
black	<b><i>nɔʔ</i></b> <sup>31</sup> *nak	<b><i>nak</i></b> *nak	<b><i>naʔ</i></b> <sup>31</sup> *nak
deep	<b><i>nɔʔ</i></b> <sup>31</sup>	<b><i>nak</i></b>	<b><i>naʔ</i></b> <sup>31</sup>

	Maru	OBurm	Bola
loom	*nak <b>ɣɔʔ<sup>31</sup></b>	*nak <b>rak</b>	*nak <b>yaʔ<sup>31</sup></b>
wear (a bracelet)	*rak <b>veʔ<sup>31</sup></b>	*rak <b>wat</b>	*rak <b>veʔ<sup>31</sup></b>
banana (plantain)	*wap, *wat <b>ŋɔʔ<sup>31</sup></b>	*wat <b>nhak</b>	*wap, *wat <b>ŋaʔ<sup>31</sup></b>
	*ŋak	*ŋak, *ʔŋak	*ŋak

*Tone:* <sup>31</sup>·<sup>4</sup>·<sup>55</sup>

	Maru	OBurm	Bola
stand	<b>jeʔ<sup>31</sup></b>	<b>ryap</b>	<b>jeʔ<sup>55</sup></b>
dream	*jap, *jat <b>jap<sup>31</sup></b>	<b>ip</b>	<b>jap<sup>55</sup></b>
fetch / draw (water)	*jup, *jip <b>khẽ<sup>31</sup></b>	*ʔip, *ʔjip, *jip <b>khap</b>	<b>khẽ<sup>55</sup></b>
son-in-law	*kam <b>mɔʔ<sup>31</sup></b>	*ʔkap, *ʔkap, *kap <b>mak</b>	*kam, *kan <b>maʔ<sup>55</sup></b>
dream	*mak <b>mɔʔ<sup>31</sup></b>	*mak <b>mak</b>	<b>maʔ<sup>55</sup></b>
	*mak	*mak	

*Tone:* <sup>31</sup>·<sup>53</sup>·<sup>31</sup>

	Maru	OBurm	Bola
prize / pry	<b>kak<sup>31</sup></b>	<b>kanʔ</b>	<b>kak<sup>31</sup></b>
	*gik	*ganX	*gik

*Tone:* <sup>31</sup>·<sup>53</sup>·<sup>55</sup>

	Maru	OBurm	Bola
rice (cooked)	<b>tsɔ<sup>31</sup></b>	<b>thaʔ</b>	<b>ta<sup>55</sup></b>
	*dza	*ʔtaX, *ʔtaX, *taX	*da, *dza

*Tone:* <sup>31</sup>·<sup>55</sup>·<sup>31</sup>

	Maru	OBurm	Bola
tendon / sinew	<b>kji<sup>31</sup></b>	<b>kro<sub>2</sub>h</b>	<b>kji<sup>31</sup></b>
	*gje, *gre, *gle		*gjiH, *gjeH, *griH, *greH, *gliH, *gleH

	Maru	OBurm	Bola
nine	<b>kuk</b> <sup>31</sup>	<b>kuiwḥ</b>	<b>kau</b> <sup>31</sup>
	*gu, *guH, *guX	*guH	*guH
angry, be / take offense	<b>jo</b> <sup>31</sup>	<b>yah</b>	<b>ja</b> <sup>31</sup>
		*ʔjaH, *jaH	*jaH
grandson	<b>mjik</b> <sup>31</sup>	<b>mliyh</b>	<b>məi</b> <sup>31</sup>
	*mji, *mjiH, *mjiX, *mri, *mriH, *mriX, *mli, *mliH, *mliX	*mliH	
smell	<b>nē</b> <sup>31</sup>	<b>namḥ</b>	<b>nē</b> <sup>31</sup>
	*nam	*namH	*namH, *nanH

*Tone:* <sup>31</sup>·<sup>55</sup>·<sup>55</sup>

	Maru	OBurm	Bola
three	<b>sam</b> <sup>31</sup>	<b>sumḥ</b>	<b>sam</b> <sup>55</sup>
	*sum, *sim	*ʔsumH, *sumH, *ʃumH	
sand	<b>ʃɔ</b> <sup>31</sup>	<b>sayḥ</b>	<b>ʃa</b> <sup>55</sup>
	*ʔrja, *ʃa	*ʔsaiH, *saiH, *ʃaiH	*ʃa
frost	<b>ŋaŋ</b> <sup>31</sup>	<b>nhañḥ</b>	<b>ŋē</b> <sup>55</sup>
	*ʔŋan, *ʔŋiŋ	*ʔnaŋH, *ʔnaŋH	*ʔŋam, *ʔŋan

*Tone:* <sup>35</sup>·<sup>-</sup>·<sup>31</sup>

	Maru	OBurm	Bola
bite	<b>pəŋ</b> <sup>35</sup>	–	<b>pē</b> <sup>31</sup>
	*banH		*bamH, *banH
sister-in-law (elder brother's)	<b>pai</b> <sup>35</sup>	–	<b>pai</b> <sup>31</sup>
	*baiH		*baiH
steamer (of bamboo, for food)	<b>pauŋ</b> <sup>35</sup>	–	<b>pauŋ</b> <sup>31</sup>
	*buŋH		
rice (glutinous)	<b>pauŋ</b> <sup>35</sup>	–	<b>pauŋ</b> <sup>31</sup>
	*buŋH		
rinse (the mouth)	<b>tʃui</b> <sup>35</sup>	–	<b>tʃui</b> <sup>31</sup>
	*dʒuiH		*dʒuiH
speech / words	<b>tɔ̃</b> <sup>35</sup>	–	<b>tɔ̃</b> <sup>31</sup>
	*daŋH		*daŋH, *dzaŋH
joke / jest	<b>tɔ̃</b> <sup>35</sup>	–	<b>tɔ̃</b> <sup>31</sup>
	*daŋH		*daŋH, *dzaŋH
bean (broad)	<b>tu</b> <sup>35</sup>	–	<b>tu</b> <sup>31</sup>
	*doH		
put one's hand on (sthg.) for	<b>tsɔi</b> <sup>35</sup>	–	<b>tui</b> <sup>31</sup>
			*ɗuiH, *dzuiH

	Maru	OBurm	Bola
rust	<b>tsɔ̃</b> <sup>35</sup>	–	<b>tui</b> <sup>31</sup> *duiH, *dzuiH
silkworm	<b>tsɔ̃</b> <sup>35</sup> *dzaH	–	<b>sɔ̃</b> <sup>31</sup>
baby	<b>tsɔ̃</b> <sup>35</sup>	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
old lady	<b>tsɔ̃</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
old man	<b>tsɔ̃</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
shadow	<b>tsɔ̃</b> <sup>35</sup> *dzaH	–	<b>ta</b> <sup>31</sup> *daH, *dzaH
chop / hew	<b>tsəŋ</b> <sup>35</sup> *dzanH	–	<b>tẽ</b> <sup>31</sup> *damH, *danH, *dzamH, *dzanH
bundle / sheaf	<b>taŋ</b> <sup>35</sup> *diŋH	–	<b>taŋ</b> <sup>31</sup> *diŋH, *dziŋH
neck	<b>tsaŋ</b> <sup>35</sup> *dziŋH	–	<b>taŋ</b> <sup>31</sup> *diŋH, *dziŋH
get together, all / assemble	<b>tsaŋ</b> <sup>35</sup> *dziŋH	–	<b>tsaŋ</b> <sup>31</sup>
body	<b>tau</b> <sup>35</sup>	–	<b>tɔɹ</b> <sup>31</sup>
classifier for birds	<b>tau</b> <sup>35</sup>	–	<b>tɔ</b> <sup>31</sup>
dragon	<b>tʃauŋ</b> <sup>35</sup> *dʒuŋH	–	<b>tʃauŋ</b> <sup>31</sup>
loom	<b>kaŋ</b> <sup>35</sup> *ganH, *giŋH	–	<b>kẽ</b> <sup>31</sup> *gamH, *ganH
solid	<b>kaŋ</b> <sup>35</sup> *ganH, *giŋH	–	<b>kaŋ</b> <sup>31</sup> *giŋH
downstairs	<b>kjẽ</b> <sup>35</sup> *gjamH, *gramH, *glamH	–	<b>kjẽ</b> <sup>31</sup> *gjamH, *gjanH, *gramH, *granH, *glamH, *glanH
eaten one's fill, have	<b>kji</b> <sup>35</sup> *gjeH, *greH, *gleH	–	<b>kji</b> <sup>31</sup> *gjiH, *gjeH, *griH, *greH, *gliH, *gleH
clear (water)	<b>kjaŋ</b> <sup>35</sup> *gjiŋH, *griŋH, *gliŋH	–	<b>kjaŋ</b> <sup>31</sup> *gjiŋH, *griŋH, *gliŋH
pot / jar / tin	<b>jẽ</b> <sup>35</sup> *jamH	–	<b>jẽ</b> <sup>31</sup> *jamH, *janH
they	<b>jɔ̃</b> <sup>35</sup> *jaŋH	–	<b>jɔ̃</b> <sup>31</sup> *jaŋH

	Maru	OBurm	Bola
gather / assemble	<b>jɔ̃</b> <sup>35</sup> *jaŋH	–	<b>jɔ̃</b> <sup>31</sup> *jaŋH
he	<b>jɔ̃</b> <sup>35</sup> *jaŋH	–	<b>jɔ̃</b> <sup>31</sup> *jaŋH
cucumber	<b>khɯ</b> <sup>35</sup> *koH	–	<b>khɔ̃</b> <sup>31</sup>
leopard / panther	<b>lɔ̃</b> <sup>35</sup> *laH	–	<b>la</b> <sup>31</sup> *laH
stallion	<b>lɔ̃</b> <sup>35</sup> *laH	–	<b>la</b> <sup>31</sup> *laH
pull / tug	<b>lɔ̃</b> <sup>35</sup> *laŋH	–	<b>lɔ̃</b> <sup>31</sup> *laŋH
well	<b>lɔ̃</b> <sup>35</sup> *laŋH	–	<b>lɔ̃</b> <sup>31</sup> *laŋH
fall over / down	<b>laŋ</b> <sup>35</sup> *liŋH	–	<b>laŋ</b> <sup>31</sup> *liŋH
classifier for brooms	<b>lam</b> <sup>35</sup> *lumH, *limH	–	<b>lam</b> <sup>31</sup>
head	<b>lam</b> <sup>35</sup> *lumH, *limH	–	<b>lam</b> <sup>31</sup>
marry	<b>mji</b> <sup>35</sup> *mjeH, *mreH, *mleH	–	<b>mi</b> <sup>31</sup> *miH, *meH
manger	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>mjɔ̃</b> <sup>31</sup> *mjaŋH, *mraŋH, *mlaŋH
rest	<b>nɔ̃</b> <sup>35</sup> *naH	–	<b>na</b> <sup>31</sup> *naH
stamp (one's foot)	<b>nɔ̃</b> <sup>35</sup> *naŋH	–	<b>nɔ̃</b> <sup>31</sup> *naŋH
soup	<b>ɣaŋ</b> <sup>35</sup> *riŋH	–	<b>ɣaŋ</b> <sup>31</sup>
onion / scallion	<b>khjaun</b> <sup>35</sup> *kjuŋH, *kruŋH, *klunH	–	<b>paun</b> <sup>31</sup>
mat	<b>sai</b> <sup>35</sup> *saiH	–	<b>ʃi</b> <sup>31</sup>
rod / stick	<b>sɛ</b> <sup>35</sup> *sɛH	–	<b>sɛ</b> <sup>31</sup> *sɛH
put in order / arrange	<b>tɔ̃</b> <sup>35</sup> *ʔtaH	–	<b>tə</b> <sup>31</sup> *ʔtaH

*Tone:* <sup>35</sup>·<sup>·</sup>·<sup>35</sup>



	Maru	OBurm	Bola
rake (the fields)	<b>pa</b> <sup>35</sup>	–	<b>pa</b> <sup>35</sup> *baX
load on an animal's back	<b>tɔ</b> <sup>35</sup> *daH	–	<b>tɔ</b> <sup>35</sup>
Tibetan	<b>tsaŋ</b> <sup>35</sup> *dziŋH	–	<b>tsaŋ</b> <sup>35</sup>
team (of oxen)	<b>kja</b> <sup>35</sup>	–	<b>kja</b> <sup>35</sup> *gjaX, *graX, *glaX
grind (flour)	<b>lui</b> <sup>35</sup> *luiH	–	<b>lui</b> <sup>35</sup> *luiX
millstones	<b>lui</b> <sup>35</sup> *luiH	–	<b>lui</b> <sup>35</sup> *luiX
walk	<b>su</b> <sup>35</sup> *soH	–	<b>sɔ</b> <sup>35</sup>
prison	<b>thɔŋ</b> <sup>35</sup>	–	<b>thɔŋ</b> <sup>35</sup>
pal / partner	<b>tshɔ̃</b> <sup>35</sup>	–	<b>tʃhɔ̃</b> <sup>35</sup> *tʃaŋX
seed of Chinese prickly ash	<b>ʃi</b> <sup>35</sup> *ʔrjeH, *ʃeH	–	<b>ʃi</b> <sup>35</sup> *ʃiX, *ʃeX
emperor	<b>khɔ</b> <sup>35</sup> *kaH	–	<b>khɔ</b> <sup>35</sup>
chisel / bore (a hole)	<b>kjauŋ</b> <sup>35</sup> *ʔkjuŋH, *ʔkrɔŋH, *ʔklɔŋH	–	<b>kjauŋ</b> <sup>35</sup>
pants / trousers	<b>lɔ</b> <sup>35</sup> *ʔlaH	–	<b>la</b> <sup>35</sup> *ʔlaX
comb	<b>pje</b> <sup>35</sup> *ʔpjeH, *ʔpreH, *ʔpleH	–	<b>pje</b> <sup>35</sup> *ʔpjeX, *ʔpreX, *ʔpleX
plant (trees)	<b>xɔ</b> <sup>35</sup> *ʔraH	–	<b>xa</b> <sup>35</sup>
bottle (of wine)	<b>tau</b> <sup>35</sup>	–	<b>təu</b> <sup>35</sup> *ʔtuX
wood / log	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>təuŋ</b> <sup>35</sup>
catch / capture	<b>təuŋ</b> <sup>35</sup> *ʔtuŋH	–	<b>təuŋ</b> <sup>35</sup>
paddy fields	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>thauŋ</b> <sup>35</sup>
pestle / pound	<b>thauŋ</b> <sup>35</sup> *tuŋH	–	<b>thauŋ</b> <sup>35</sup>

Tone: 35:-:55

	Maru	OBurm	Bola
open up wasteland	<b>tsəŋ</b> <sup>35</sup> *dzanH	–	<b>kɔ̃t</b> <sup>55</sup>

*Tone:* <sup>35,22,31</sup>

	Maru	OBurm	Bola
rainbow	<b>kaŋ</b> <sup>35</sup> *ganH, *giŋH	<b>tam</b> *dam	<b>kẽ</b> <sup>31</sup> *gamH, *ganH
spider	<b>kɔ̃</b> <sup>35</sup> *gaŋH	<b>ku</b> *gɔ	<b>kɔ̃</b> <sup>31</sup> *gaŋH

*Tone:* <sup>35,22,55</sup>

	Maru	OBurm	Bola
ring in cow's nose used to lead it about	<b>nũŋ</b> <sup>35</sup>	<b>nha</b> *ʔna, *ʔna	<b>nɔ̃</b> <sup>55</sup> *ʔna

*Tone:* <sup>35,4,35</sup>

	Maru	OBurm	Bola
scatter (seeds)	<b>səŋ</b> <sup>35</sup> *sanH	<b>ro<sub>1</sub>t</b>	<b>sẽ</b> <sup>35</sup> *samX, *sanX

*Tone:* <sup>35,55,31</sup>

	Maru	OBurm	Bola
flower	<b>pəŋ</b> <sup>35</sup> *banH	<b>panh</b> *banH	<b>pẽ</b> <sup>31</sup> *bamH, *banH
ride (a horse)	<b>tsui</b> <sup>35</sup> *dʒuiH	<b>cih</b> *dzeH, *dzɛH, *dʒɛH, *dʒɛH	<b>tsui</b> <sup>31</sup> *dʒuiH
crawl (of people)	<b>tu</b> <sup>35</sup> *doH	<b>to<sub>1</sub>h</b> *doH	<b>tɔ̃</b> <sup>31</sup>
eat	<b>tsɔ̃</b> <sup>35</sup> *dzaH	<b>cah</b> *dzaH, *dʒaH	<b>ta</b> <sup>31</sup> *daH, *dzaH
hear	<b>kjɔ̃</b> <sup>35</sup> *gjaH, *graH, *glaH	<b>krah</b> *graH	<b>kja</b> <sup>31</sup> *gjaH, *graH, *glaH
tiger	<b>lɔ̃</b> <sup>35</sup> *laH	<b>klaɰ</b> *glaH	<b>la</b> <sup>31</sup> *laH
bow (for arrow)	<b>la</b> <sup>35</sup>	<b>liyh</b>	<b>li</b> <sup>31</sup>

	Maru	OBurm	Bola
	*liH	*liH	*liH, *leH
heavy	<b>la</b> <sup>35</sup>	<b>liyḥ</b>	<b>li</b> <sup>31</sup>
	*liH	*liH	*liH, *leH
heart	<b>lam</b> <sup>35</sup>	<b>lumḥ</b>	<b>lam</b> <sup>31</sup>
	*lumH, *limH	*lumH	
old / elderly	<b>mṣ̃</b> <sup>35</sup>	<b>mañḥ</b>	<b>mṣ̃</b> <sup>31</sup>
	*maŋH	*maŋH	*maŋH
fire	<b>mji</b> <sup>35</sup>	<b>miḥ</b>	<b>mi</b> <sup>31</sup>
		*meH, *meH	*miH, *meH
hate	<b>mai</b> <sup>35</sup>	<b>munḥ</b>	<b>mai</b> <sup>31</sup>
	*maiH		*maiH
many / much	<b>mjo</b> <sup>35</sup>	<b>myaḥ</b>	<b>mja</b> <sup>31</sup>
	*mjaH, *mraH, *mlaH	*mjaH	*mjaH, *mraH, *mlaH
horse	<b>mjṣ̃</b> <sup>35</sup>	<b>mrañḥ</b>	<b>mjṣ̃</b> <sup>31</sup>
	*mjaŋH, *mraŋH,	*mraŋH	*mjaŋH, *mraŋH,
	*mlaŋH		*mlaŋH
chew	<b>vṣ̃</b> <sup>35</sup>	<b>waḥ</b>	<b>va</b> <sup>31</sup>
	*waH	*waH	*waH
bamboo	<b>vṣ̃</b> <sup>35</sup>	<b>waḥ</b>	<b>va</b> <sup>31</sup>
	*waH	*waH	*waH
pregnant, be	<b>vē</b> <sup>35</sup>	<b>wamḥ</b>	<b>vē</b> <sup>31</sup>
		*wamH	*wamH, *wanH
bear (fruit)	<b>ji</b> <sup>35</sup>	<b>siḥ</b>	<b>tui</b> <sup>31</sup>
	*ʔrjeH, *ʃeH	*ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	*duiH, *dzuiH

*Tone:* <sup>35,55,35</sup>

	Maru	OBurm	Bola
flesh / muscle	<b>ʃṣ̃</b> <sup>35</sup>	<b>saḥ</b>	<b>ʃa</b> <sup>35</sup>
	*ʔrjaH, *ʃaH	*ʔsaH, *saH, *ʃaH	*ʃaX
meat	<b>ʃṣ̃</b> <sup>35</sup>	<b>saḥ</b>	<b>ʃa</b> <sup>35</sup>
	*ʔrjaH, *ʃaH	*ʔsaH, *saH, *ʃaH	*ʃaX
big / large	<b>γə</b> <sup>35</sup>	<b>kriḥ</b>	<b>kṣ̃</b> <sup>35</sup>
		*greH, *greH	
lie down	<b>laŋ</b> <sup>35</sup>	<b>lañḥ</b>	<b>laŋ</b> <sup>35</sup>
	*liŋH	*liŋH	*liŋX
nail	<b>saŋ</b> <sup>35</sup>	<b>sañḥ</b>	<b>saŋ</b> <sup>35</sup>
	*siŋH	*ʔsiŋH, *siŋH, *ʃiŋH	*siŋX
liver	<b>saŋ</b> <sup>35</sup>	<b>sañḥ</b>	<b>saŋ</b> <sup>35</sup>
	*siŋH	*ʔsiŋH, *siŋH, *ʃiŋH	*siŋX
blood	<b>sa</b> <sup>35</sup>	<b>suyḥ</b>	<b>sui</b> <sup>35</sup>
		*ʔsuiH, *suiH, *ʃuiH	*suiX

	Maru	OBurm	Bola
firewood	<b>th<sup>35</sup></b> *taŋH	<b>thañḥ</b> *ʔtaŋH, *ʔtaŋH, *taŋH	<b>th<sup>35</sup></b> *taŋX, *tsaŋX
salt	<b>tsh<sup>35</sup></b> *tsaH	<b>chaḥ</b> *ʔtsaH, *ʔtʃaH, *ʔtsaH, *ʔtʃaH, *tsaH, *tʃaH, *tsaH, *tʃaH	<b>tha<sup>35</sup></b> *taX, *tsaX
louse	<b>ʃiŋ<sup>35</sup></b>	<b>sanḥ</b> *ʔsanH, *sanH, *ʃanH	<b>ʃɔŋ<sup>35</sup></b>
fruit	<b>ʃi<sup>35</sup></b> *ʔrjeH, *ʃeH	<b>siḥ</b> *ʔseH, *ʔseH, *seH, *seH, *ʃeH, *ʃeH	<b>ʃ<sup>35</sup></b> *ʃiX, *ʃeX
bitter	<b>kh<sup>35</sup></b> *kaH	<b>khaḥ</b> *ʔkaH, *ʔkaH, *kaH	<b>kha<sup>35</sup></b> *kaX
gnaw / nibble	<b>khai<sup>35</sup></b> *kaiH	<b>khayḥ</b> *ʔkaiH, *ʔkaiH, *kaiH	<b>khai<sup>35</sup></b> *kaiX
cough	<b>khjauŋ<sup>35</sup></b> *kjuŋH, *kruŋH, *kluŋH	<b>khyo<sub>2</sub>ḥ</b> *ʔkjuŋH, *ʔkjuŋH, *kjuŋH	<b>khjauŋ<sup>35</sup></b>
dog	<b>kha<sup>35</sup></b>	<b>khuyḥ</b> *ʔkuiH, *ʔkuiH, *kuiH	<b>khui<sup>35</sup></b> *kuiX
flea	<b>l<sup>35</sup></b> *ʔliH	<b>lhiyḥ</b> *ʔliH, *ʔliH	<b>lui<sup>35</sup></b> *ʔluiX
frog	<b>p<sup>35</sup></b> *ʔpaH	<b>phaḥ</b> *paH, *ʔpaH, *ʔpaH	<b>p<sup>35</sup></b> *ʔpaX
sell	<b>auŋ<sup>35</sup></b> *ʔuŋH	<b>ro<sub>2</sub>ḥ</b> *ruŋH	<b>auŋ<sup>35</sup></b>
head	<b>ḡu<sup>35</sup></b>	<b>uḥ</b> *ʔuH	<b>ḡ<sup>35</sup></b>

*Tone:* <sup>55</sup>:-: <sup>31</sup>

	Maru	OBurm	Bola
offer / dedicate	<b>pjik<sup>55</sup></b>	—	<b>pi<sup>31</sup></b> *biH, *beH
make a row, racket	<b>pjaʔ<sup>55</sup></b>	—	<b>pjaʔ<sup>31</sup></b> *bjak, *brak, *blak
fabric (silk)	<b>puk<sup>55</sup></b>	—	<b>pau<sup>31</sup></b> *buH
leader in a (stockaded) village	<b>tsuk<sup>55</sup></b>	—	<b>tau<sup>31</sup></b> *duH, *dzuH
calf	<b>pau<sup>55</sup></b>	—	<b>pḡ<sup>31</sup></b>
copper (note:+red)	<b>kjik<sup>55</sup></b>	—	<b>kji<sup>31</sup></b>

	Maru	OBurm	Bola
rust	<b><i>kjik</i></b> <sup>55</sup>	—	*gjiH, *gjeH, *griH, *greH, *gliH, *gleH <b><i>kji</i></b> <sup>31</sup>
we all	<b><i>mɔʔ</i></b> <sup>55</sup>	—	*gjiH, *gjeH, *griH, *greH, *gliH, *gleH <b><i>maʔ</i></b> <sup>31</sup>
character / word	<b><i>suk</i></b> <sup>55</sup>	—	*mak <b><i>sau</i></b> <sup>31</sup>
connect / join	*su, *suH, *suX <b><i>tshɔʔ</i></b> <sup>55</sup>	—	*suH <b><i>tshaʔ</i></b> <sup>31</sup>
deer	*tsak <b><i>tshɛʔ</i></b> <sup>55</sup>	—	<b><i>tʃhet</i></b> <sup>31</sup>
hurt by stinging	*tsap, *tsat <b><i>thuk</i></b> <sup>55</sup>	—	<b><i>thauŋ</i></b> <sup>31</sup>
	*tu, *tuH, *tuX		

*Tone:* <sup>55</sup>:-:35

	Maru	OBurm	Bola
fan (winnowing)	<b><i>pɔ</i></b> <sup>55</sup> *baX	—	<b><i>pa</i></b> <sup>35</sup> *baX
guest	<b><i>paŋ</i></b> <sup>55</sup> *biŋX	—	<b><i>paŋ</i></b> <sup>35</sup> *biŋX
chick	<b><i>nau</i></b> <sup>55</sup>	—	<b><i>nɔ</i></b> <sup>35</sup>
slow	<b><i>tsɔ</i></b> <sup>55</sup> *dzaX	—	<b><i>ta</i></b> <sup>35</sup> *daX, *dzaX
window	<b><i>tsɔ</i></b> <sup>55</sup> *dzaX	—	<b><i>tʃhɔŋ</i></b> <sup>35</sup>
believe / trust	<b><i>tʃaŋ</i></b> <sup>55</sup> *dʒiŋX	—	<b><i>tʃaŋ</i></b> <sup>35</sup> *dʒiŋX
thinner, get (body)	<b><i>kji</i></b> <sup>55</sup> *gjeX, *greX, *gleX	—	<b><i>kji</i></b> <sup>35</sup> *gjiX, *gjeX, *griX, *greX, *gliX, *gleX
lay (eggs)	<b><i>khjɔ</i></b> <sup>55</sup> *kjaX, *kraX, *klaX	—	<b><i>khja</i></b> <sup>35</sup> *kjaX, *kraX, *klaX
goose	<b><i>khjɔ</i></b> <sup>55</sup> *kjaŋX, *kraŋX, *klaŋX	—	<b><i>khjɔ</i></b> <sup>35</sup> *kjaŋX, *kraŋX, *klaŋX
blow (one's nose)	<b><i>khjuk</i></b> <sup>55</sup> *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	—	<b><i>khju</i></b> <sup>35</sup>
turtledove	<b><i>kju</i></b> <sup>55</sup>	—	<b><i>kju</i></b> <sup>35</sup>

	Maru	OBurm	Bola
return	*ʔkju, *ʔkjuH, *ʔkjuX, *ʔkru, *ʔkruH, *ʔkruX, *ʔklu, *ʔkluH, *ʔkluX <b>lɔ</b> <sup>55</sup>	–	<b>la</b> <sup>35</sup>
thumb	*laX <b>mɔ</b> <sup>55</sup>	–	*laX <b>ma</b> <sup>35</sup>
accustomed to, be / habit of, haveve	*maX <b>məŋ</b> <sup>55</sup>	–	*maX <b>mē</b> <sup>35</sup>
gong	*manX <b>mɔ̃</b> <sup>55</sup>	–	*mamX, *manX <b>mɔ̃</b> <sup>35</sup>
shiver / tremble	*maŋX <b>nəŋ</b> <sup>55</sup>	–	*maŋX <b>nē</b> <sup>35</sup>
baby	*nanX <b>nau</b> <sup>55</sup>	–	*namX, *nanX <b>nɔ</b> <sup>35</sup>
cock	<b>phɔ</b> <sup>55</sup>	–	<b>pha</b> <sup>35</sup>
consult / discuss	*paX <b>phje</b> <sup>55</sup>	–	*paX <b>phje</b> <sup>35</sup>
expensive	*pjeX, *preX, *pleX <b>phuk</b> <sup>55</sup>	–	*pjeX, *preX, *pleX <b>phau</b> <sup>35</sup>
ancestors / forebears	*pu, *puH, *puX <b>phuk</b> <sup>55</sup>	–	*puX <b>phau</b> <sup>35</sup>
know	*pu, *puH, *puX <b>se</b> <sup>55</sup>	–	*puX <b>se</b> <sup>35</sup>
back	*seX <b>tɔ̃</b> <sup>55</sup>	–	*seX <b>tɔ̃</b> <sup>35</sup>
finger (little)	*daŋX <b>thɔ̃</b> <sup>55</sup>	–	*ʔtaŋX <b>thɔ̃</b> <sup>35</sup>
follow	*taŋX <b>tʃhɔ̃</b> <sup>55</sup>	–	*taŋX, *tsaŋX <b>tʃhɔ̃</b> <sup>35</sup>
embroider	*tʃaŋX <b>thuk</b> <sup>55</sup>	–	*tʃaŋX <b>thau</b> <sup>35</sup>
pricked, be (on a thorn)	*tu, *tuH, *tuX <b>thuk</b> <sup>55</sup>	–	*tuX, *tsuX <b>thau</b> <sup>35</sup>
dare	*tu, *tuH, *tuX <b>vē</b> <sup>55</sup>	–	*tuX, *tsuX <b>vē</b> <sup>35</sup>
turn one's head to the back	*wamX <b>jak</b> <sup>55</sup>	–	*wamX, *wanX <b>ũ</b> <sup>35</sup>
month	*ʔjik <b>lɔ̃</b> <sup>55</sup>	–	<b>lē</b> <sup>35</sup>
sever (a rope)	*ʔlaX <b>lai</b> <sup>55</sup>	–	*ʔlamX, *ʔlanX <b>lai</b> <sup>35</sup>
deceive / cheat	*ʔlaiX <b>muk</b> <sup>55</sup>	–	*ʔlaiX <b>mau</b> <sup>35</sup>

	Maru	OBurm	Bola
press / push down	*ʔmu, *ʔmuH, *ʔmuX <b>nai</b> <sup>55</sup>	—	*ʔmuX <b>nai</b> <sup>35</sup>
piece of cloth with straps for carrying a toddler	*ʔnaiX <b>ta</b> <sup>55</sup>	—	*ʔnaiX <b>ti</b> <sup>35</sup>
stamp (one's foot)	*ʔtiX <b>thaŋ</b> <sup>55</sup>	—	*ʔtiX, *ʔteX <b>thaŋ</b> <sup>35</sup>
gather (of water) / build up	*tiŋX <b>taŋ</b> <sup>55</sup>	—	*tiŋX, *tsiŋX <b>taŋ</b> <sup>35</sup>
reverse	*ʔtiŋX <b>tuk</b> <sup>55</sup>	—	*ʔtiŋX <b>tau</b> <sup>35</sup>
block up / plug	*ʔtu, *ʔtuH, *ʔtuX <b>tʃik</b> <sup>55</sup>	—	*ʔtuX <b>tshau</b> <sup>35</sup>
testicle	*ʔtʃi, *ʔtʃiH, *ʔtʃiX <b>tʃik</b> <sup>55</sup>	—	<b>tʃi</b> <sup>35</sup>
borrow (money)	*ʔtʃi, *ʔtʃiH, *ʔtʃiX <b>tʃik</b> <sup>55</sup>	—	<b>tʃi</b> <sup>35</sup>
cigarette / tobacco	*ʔtʃi, *ʔtʃiH, *ʔtʃiX <b>tʃhik</b> <sup>55</sup>	—	<b>tʃh</b> <sup>35</sup>
	*tʃi, *tʃiH, *tʃiX		

Tone: <sup>55</sup>·:·<sup>55</sup>

	Maru	OBurm	Bola
cut / rip open	<b>khɔʔ</b> <sup>55</sup>	—	<b>khaʔ</b> <sup>55</sup>
	*kak		*kak
blade (of grass)	<b>kheʔ</b> <sup>55</sup>	—	<b>kheʔ</b> <sup>55</sup>
	*kap, *kat		*kap, *kat
chase after	<b>kheʔ</b> <sup>55</sup>	—	<b>kheʔ</b> <sup>55</sup>
	*kap, *kat		*kap, *kat
respective / individual / each	<b>khak</b> <sup>55</sup>	—	<b>khak</b> <sup>55</sup>
	*kik		*kik
classifier for bowls	<b>khjeʔ</b> <sup>55</sup>	—	<b>khjeʔ</b> <sup>55</sup>
	*kjap, *kjat, *krap, *krat, *klap, *klat		*kjap, *kjat, *krap, *krat, *klap, *klat
classifier for rope	<b>khjeʔ</b> <sup>55</sup>	—	<b>khjeʔ</b> <sup>55</sup>
	*kjap, *kjat, *krap, *krat, *klap, *klat		*kjap, *kjat, *krap, *krat, *klap, *klat
ear	<b>khjeʔ</b> <sup>55</sup>	—	<b>khj</b> <sup>55</sup>
	*kjap, *kjat, *krap, *krat, *klap, *klat		
page	<b>khjeʔ</b> <sup>55</sup>	—	<b>khjeʔ</b> <sup>55</sup>
	*kjap, *kjat, *krap, *krat, *klap, *klat		*kjap, *kjat, *krap, *krat, *klap, *klat

	Maru	OBurm	Bola
repay	<b><i>tsheʔ<sup>55</sup></i></b> *tsap, *tsat	–	<b><i>khjeʔ<sup>55</sup></i></b> *kjap, *kjat, *krap, *krat, *klap, *klat
scale	<b><i>kjeʔ<sup>55</sup></i></b> *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat	–	<b><i>kjeʔ<sup>55</sup></i></b> *ʔkjap, *ʔkjat, *ʔkrap, *ʔkrat, *ʔklap, *ʔklat
sheet (of paper)	<b><i>khjeʔ<sup>55</sup></i></b> *kjap, *kjat, *krap, *krat, *klap, *klat	–	<b><i>khjeʔ<sup>55</sup></i></b> *kjap, *kjat, *krap, *krat, *klap, *klat
buttocks	<b><i>tʃhauʔ<sup>55</sup></i></b>	–	<b><i>tʃhauʔ<sup>55</sup></i></b>
locust	<b><i>khjak<sup>55</sup></i></b> *kjik, *krik, *klik	–	<b><i>khjak<sup>55</sup></i></b> *kjik, *krik, *klik
early	<b><i>noʔ<sup>55</sup></i></b>	–	<b><i>naʔ<sup>55</sup></i></b>
bat	<b><i>phaʔ<sup>55</sup></i></b> *pak	–	<b><i>phaʔ<sup>55</sup></i></b> *pak
untie / undo	<b><i>phak<sup>55</sup></i></b> *pik	–	<b><i>phəi<sup>55</sup></i></b>
hot / spicy	<b><i>phjak<sup>55</sup></i></b> *pjik, *prik, *plik	–	<b><i>phjak<sup>55</sup></i></b> *pjik, *prik, *plik
unseam (clothing)	<b><i>phjaʔ<sup>55</sup></i></b> *pjak, *prak, *plak	–	<b><i>phjaʔ<sup>55</sup></i></b> *pjak, *prak, *plak
smoke (a cigarette)	<b><i>pauk<sup>55</sup></i></b> *ʔpuk	–	<b><i>pauʔ<sup>55</sup></i></b>
plough / till	<b><i>phauk<sup>55</sup></i></b> *puk	–	<b><i>phauʔ<sup>55</sup></i></b>
steam	<b><i>soʔ<sup>55</sup></i></b>	–	<b><i>saʔ<sup>55</sup></i></b> *sak
all / whole, the	<b><i>ʃaʔ<sup>55</sup></i></b> *ʔrjak, *ʃak	–	<b><i>ʃaʔ<sup>55</sup></i></b> *ʃak
person w / pockmarked face	<b><i>ʃaʔ<sup>55</sup></i></b> *ʔrjak, *ʃak	–	<b><i>ʃaʔ<sup>55</sup></i></b> *ʃak
shy, be / bashful	<b><i>xəʔ<sup>55</sup></i></b> *ʔrak	–	<b><i>xaʔ<sup>55</sup></i></b>
compare	<b><i>thəʔ<sup>55</sup></i></b> *tak	–	<b><i>thaʔ<sup>55</sup></i></b> *tak, *tsak
open (an umbrella)	<b><i>thauk<sup>55</sup></i></b> *tuk	–	<b><i>thauʔ<sup>55</sup></i></b>
chisel	<b><i>tʃhaʔ<sup>55</sup></i></b> *tʃak	–	<b><i>tʃhaʔ<sup>55</sup></i></b> *tʃak
cook / boil	<b><i>tʃəʔ<sup>55</sup></i></b> *ʔtʃak	–	<b><i>tʃaʔ<sup>55</sup></i></b>
decoct (herbal medicine)	<b><i>tʃəʔ<sup>55</sup></i></b>	–	<b><i>tʃaʔ<sup>55</sup></i></b>



	Maru	OBurm	Bola
kitchen	*ʔtʃak <b>tʃəʔ<sup>55</sup></b>	—	*ʔtʃak <b>tʃaʔ<sup>55</sup></b>
grain (of rice)	*ʔtʃak <b>tʃheʔ<sup>55</sup></b>	—	*ʔtʃak <b>tʃheʔ<sup>55</sup></b>
ankle	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>	—	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>
armpit	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>	—	*tʃap, *tʃat <b>tʃheʔ<sup>55</sup></b>
wet	*tʃap, *tʃat <b>tʃuk<sup>55</sup></b>	—	*tʃap, *tʃat <b>tʃəʔ<sup>55</sup></b>
withdraw / take out	*ʔtʃu, *ʔtʃuH, *ʔtʃuX <b>thuk<sup>55</sup></b>	—	<b>thəʔ<sup>55</sup></b>
plank / board	*tu, *tuH, *tuX <b>sak<sup>55</sup></b>	—	<b>sak<sup>55</sup></b>
elder sister	*sik <b>a<sup>55</sup></b>	—	*sik <b>a<sup>55</sup></b>
askew / awry / slanting	<b>jak<sup>55</sup></b>	—	*ʔa <b>jak<sup>55</sup></b>
fill (a bowl with rice)	*ʔjik <b>kɛʔ<sup>55</sup></b>	—	*ʔjik <b>kɛʔ<sup>55</sup></b>
parcel / sack (of things)	*ʔkap, *ʔkat <b>kək<sup>55</sup></b>	—	*ʔkap, *ʔkat <b>kək<sup>55</sup></b>
comb	*ʔkik <b>kjəʔ<sup>55</sup></b>	—	*ʔkik <b>kjəʔ<sup>55</sup></b>
frighten / scare	*ʔkjak, *ʔkrak, *ʔklak <b>kjauk<sup>55</sup></b>	—	*ʔkjak, *ʔkrak, *ʔklak <b>kjaʊ<sup>55</sup></b>
damage / spoil	*ʔkjuk, *ʔkruk, *ʔkluk <b>lɔʔ<sup>55</sup></b>	—	<b>lɔʔ<sup>55</sup></b>
mess up	*ʔlak <b>lɔʔ<sup>55</sup></b>	—	*ʔlak <b>lɔʔ<sup>55</sup></b>
lose / mislay	*ʔlak <b>lɔʔ<sup>55</sup></b>	—	*ʔlak <b>lɔʔ<sup>55</sup></b>
bend	*ʔlak <b>lɔʔ<sup>55</sup></b>	—	*ʔlak <b>lɔʔ<sup>55</sup></b>
dry (clothes) in the air	*ʔlak <b>lɛʔ<sup>55</sup></b>	—	*ʔlak <b>lɛʔ<sup>55</sup></b>
lightning	*ʔlap, *ʔlat <b>lɛʔ<sup>55</sup></b>	—	*ʔlap, *ʔlat <b>lɛp<sup>55</sup></b>
tasty / delicious	*ʔlap, *ʔlat <b>mjaʔ<sup>55</sup></b>	—	<b>mjaʔ<sup>55</sup></b>
scold	*ʔmjak, *ʔmrak, *ʔmlak <b>nak<sup>55</sup></b>	—	*ʔmjak, *ʔmrak, *ʔmlak <b>nak<sup>55</sup></b>
seventeen	*ʔnik <b>nat<sup>55</sup></b>	—	<b>nat<sup>55</sup></b>

	Maru	OBurm	Bola
sting (of wasps)	*ʔnut, *ʔnit <b>pɛʔ<sup>55</sup></b>	–	<b>pɛʔ<sup>55</sup></b>
dregs / sediment	*ʔpap, *ʔpat <b>pøʔ<sup>55</sup></b>	–	*ʔpap, *ʔpat <b>pɛʔ<sup>55</sup></b>
sheep (general)	<b>pɛʔ<sup>55</sup></b> *ʔpap, *ʔpat	–	*ʔpap, *ʔpat <b>pɛʔ<sup>55</sup></b>
kick	<b>pak<sup>55</sup></b> *ʔpik	–	<b>pak<sup>55</sup></b> *ʔpik
throw / hurl	<b>pjɛʔ<sup>55</sup></b> *ʔpjap, *ʔpjat, *ʔprap, *ʔprat, *ʔplap, *ʔplat	–	<b>pjɛʔ<sup>55</sup></b> *ʔpjap, *ʔpjat, *ʔprap, *ʔprat, *ʔplap, *ʔplat
day before yesterday	<b>xək<sup>55</sup></b>	–	<b>xəi<sup>55</sup></b>
stroke / touch	<b>sø<sup>55</sup></b>	–	<b>søʔ<sup>55</sup></b>
mess up	<b>sət<sup>55</sup></b> *ʔsut, *ʔsit	–	<b>sət<sup>55</sup></b>
rise / stand up	<b>tɔ̃<sup>55</sup></b> *ʔtaX	–	<b>taɔ̃<sup>55</sup></b> *ʔtak
light (a fire)	<b>tɛʔ<sup>55</sup></b> *ʔtap, *ʔtat	–	<b>tɛʔ<sup>55</sup></b> *ʔtap, *ʔtat
infect	<b>tɛʔ<sup>55</sup></b> *ʔtap, *ʔtat	–	<b>tɛʔ<sup>55</sup></b> *ʔtap, *ʔtat
set on fire	<b>ŋa<sup>55</sup></b>	–	<b>tɛʔ<sup>55</sup></b> *ʔtap, *ʔtat
peiss / pee	<b>taḱ<sup>55</sup></b> *ʔtik	–	<b>taḱ<sup>55</sup></b> *ʔtik
narrow	<b>tʃɛʔ<sup>55</sup></b> *ʔtʃap, *ʔtʃat	–	<b>tʃɛʔ<sup>55</sup></b> *ʔtʃap, *ʔtʃat
muntjac / deer (barking)	<b>tʃhik<sup>55</sup></b> *tʃi, *tʃiH, *tʃiX	–	<b>tʃhi<sup>55</sup></b> *tʃi, *tʃe
count (numbers)	<b>ŋɛʔ<sup>55</sup></b> *ʔŋap, *ʔŋat	–	<b>ŋɛʔ<sup>55</sup></b> *ʔŋap, *ʔŋat

*Tone:* <sup>55</sup>·<sup>22</sup>·<sup>35</sup>

	Maru	OBurm	Bola
tell	<b>ta<sup>55</sup></b> *ʔtiX	<b>tuin̄</b>	<b>tī<sup>35</sup></b> *ʔtiX, *ʔteX

*Tone:* <sup>55</sup>·<sup>4</sup>·<sup>31</sup>

	Maru	OBurm	Bola
millet	<b><i>tsɛʔ</i></b> <sup>55</sup> *ʔtsap, *ʔtsat	<b><i>chat</i></b> *ʔtsat, *ʔtʃat, *ʔtsat, *ʔtʃat, *tsat, *tʃat, *tsat, *tʃat	<b><i>nɔ̃</i></b> <sup>31</sup>

*Tone:* <sup>55</sup>·<sup>4</sup>·<sup>55</sup>

	Maru	OBurm	Bola
branch / twig	<b><i>kɔʔ</i></b> <sup>55</sup> *ʔkak	<b><i>khak</i></b> *ʔkak, *ʔkak, *kak	<b><i>kəʔ</i></b> <sup>55</sup> *ʔkak
sew (up)	<b><i>khjap</i></b> <sup>55</sup> *kjup, *kʃip, *krup, *krip, *klup, *klip	<b><i>khlup</i></b> *ʔklup, *ʔklup, *klup	<b><i>khjap</i></b> <sup>55</sup>
over / above	<b><i>thəʔ</i></b> <sup>55</sup> *tak	<b><i>thak</i></b> *ʔtak, *ʔtak, *tak	<b><i>thaʔ</i></b> <sup>55</sup> *tak, *tsak
sharp	<b><i>thəʔ</i></b> <sup>55</sup> *tak	<b><i>thak</i></b> *ʔtak, *ʔtak, *tak	<b><i>thaʔ</i></b> <sup>55</sup> *tak, *tsak
use or lean on (a walking stic	<b><i>thauk</i></b> <sup>55</sup> *tuk	<b><i>tho<sub>2</sub>k</i></b> *ʔtuk, *ʔtuk, *tuk	<b><i>thauʔ</i></b> <sup>55</sup>
navel	<b><i>tʃhəʔ</i></b> <sup>55</sup> *tʃak	<b><i>khyak</i></b> *ʔkjak, *ʔkjak, *kjak	<b><i>tʃhaʔ</i></b> <sup>55</sup> *tʃak
repay (a debt)	<b><i>tsheʔ</i></b> <sup>55</sup> *tsap, *tsat	<b><i>chap</i></b> *ʔtsap, *ʔtʃap, *ʔtsap, *ʔtʃap, *tsap, *tʃap, *tsap, *tʃap	<b><i>tʃheʔ</i></b> <sup>55</sup> *tʃap, *tʃat
eight	<b><i>ʃɛʔ</i></b> <sup>55</sup> *ʔrjap, *ʔrjat, *ʃap, *ʃat	<b><i>rhyat</i></b> *ʔrjat, *ʔrjat	<b><i>ʃɛʔ</i></b> <sup>55</sup> *ʃap, *ʃat
kill	<b><i>sɛʔ</i></b> <sup>55</sup> *ʔsap, *ʔsat	<b><i>sat</i></b> *ʔsat, *sat, *ʃat	<b><i>sɛʔ</i></b> <sup>55</sup> *ʔsap, *ʔsat
tree	<b><i>sak</i></b> <sup>55</sup> *ʔsik	<b><i>sac</i></b> *ʔsik, *sik, *ʃik	<b><i>sak</i></b> <sup>55</sup> *sik
wood / log	<b><i>sak</i></b> <sup>55</sup> *sik	<b><i>sac</i></b> *ʔsik, *sik, *ʃik	<b><i>sak</i></b> <sup>55</sup> *sik
new	<b><i>sak</i></b> <sup>55</sup> *ʔsik	<b><i>sac</i></b> *ʔsik, *sik, *ʃik	<b><i>sak</i></b> <sup>55</sup> *sik
drink	<b><i>ʃauk</i></b> <sup>55</sup> *ʔrjuk, *ʃuk	<b><i>so<sub>2</sub>k</i></b> *ʔsuk, *suk, *ʃuk	<b><i>ʃauʔ</i></b> <sup>55</sup>
six	<b><i>khjauk</i></b> <sup>55</sup> *kjuk, *kruk, *kluk	<b><i>khro<sub>2</sub>k</i></b> *ʔkruk, *ʔkruk, *kruk	<b><i>khjauʔ</i></b> <sup>55</sup>
dry	<b><i>kjauk</i></b> <sup>55</sup> *ʔkjuk, *ʔkruk, *ʔkluk	<b><i>khro<sub>2</sub>k</i></b> *ʔkruk, *ʔkruk, *kruk	<b><i>kjauʔ</i></b> <sup>55</sup>
mucus (nasal)	<b><i>nɛʔ</i></b> <sup>55</sup> *ʔnap, *ʔnat	<b><i>nhap</i></b> *ʔnap, *ʔnap	<b><i>nɛʔ</i></b> <sup>55</sup> *ʔnap, *ʔnat

	Maru	OBurm	Bola
we (two)	<b><i>naḱ</i></b> <sup>55</sup> *ʔnik	<b><i>nhac</i></b> *ʔnik, *ʔnik	<b><i>ne</i></b> <sup>55</sup> *ʔne
last year	<b><i>naḱ</i></b> <sup>55</sup> *ʔnik	<b><i>nhac</i></b> *ʔnik, *ʔnik	<b><i>naḱ</i></b> <sup>55</sup> *ʔnik
heart	<b><i>naḱ</i></b> <sup>55</sup> *ʔnik	<b><i>nhac</i></b> *ʔnik, *ʔnik	<b><i>naḱ</i></b> <sup>55</sup> *ʔnik
lip	<b><i>naṭ</i></b> <sup>55</sup> *ʔnut, *ʔnit	<b><i>nhut</i></b> *ʔnut, *ʔnut	<b><i>naṭ</i></b> <sup>55</sup>
wipe (the table)	<b><i>saṭ</i></b> <sup>55</sup> *ʔsut, *ʔsit	<b><i>sut</i></b> *ʔsut, *sut, *ʃut	<b><i>soṭ</i></b> <sup>55</sup>
nest (bird)	<b><i>saṭ</i></b> <sup>55</sup> *sut, *sit	<b><i>suik</i></b>	<b><i>soṭ</i></b> <sup>55</sup>
paste / stick / glue	<b><i>teṭ</i></b> <sup>55</sup> *ʔtap, *ʔtat	<b><i>kap</i></b> *gap	<b><i>teṭ</i></b> <sup>55</sup> *ʔtap, *ʔtat
lung	<b><i>tsaṭ</i></b> <sup>55</sup> *ʔtsut, *ʔtsit	<b><i>chut</i></b> *ʔtsut, *ʔʃut, *ʔtsut, *ʔʃut, *tsut, *ʃut, *tsut, *ʃut	<b><i>tsaṭ</i></b> <sup>55</sup>
bird	<b><i>ṇaṭ</i></b> <sup>55</sup> *ʔṇak	<b><i>ṇhak</i></b> *ʔṇak, *ʔṇak	<b><i>ṇaṭ</i></b> <sup>55</sup> *ʔṇak
needle	<b><i>ṇeṭ</i></b> <sup>55</sup> *ʔṇap, *ʔṇat	<b><i>ap</i></b> *ʔap	<b><i>ṇeṭ</i></b> <sup>55</sup> *ʔṇap, *ʔṇat

*Tone:* <sup>55,53,31</sup> ***˦˥˦˥˦˥***

	Maru	OBurm	Bola
widow	<b><i>ma</i></b> <sup>55</sup> *maX	<b><i>maʔ</i></b> *maX	<b><i>ma</i></b> <sup>31</sup> *maH
forget	<b><i>mjik</i></b> <sup>55</sup> *ʔmji, *ʔmjiH, *ʔmjiX, *ʔmri, *ʔmriH, *ʔmriX, *ʔmli, *ʔmliH, *ʔmliX	<b><i>miyʔ</i></b> *miX	<b><i>məi</i></b> <sup>31</sup>

*Tone:* <sup>55,53,35</sup> ***˦˥˦˥˦˥˦˥***

	Maru	OBurm	Bola
full	<b><i>pjaṇ</i></b> <sup>55</sup> *bjiṇX, *briṇX, *bliṇX	<b><i>plañʔ</i></b> *bliṇX	<b><i>pjaṇ</i></b> <sup>35</sup> *bjiṇX, *briṇX, *bliṇX
drop	<b><i>kja</i></b> <sup>55</sup> *gjaX, *graX, *glaX	<b><i>kyaʔ</i></b> *gjaX	<b><i>kja</i></b> <sup>35</sup> *gjaX, *graX, *glaX
wait	<b><i>lɔ</i></b> <sup>55</sup> *laṇX	<b><i>lañʔ</i></b> *laṇX	<b><i>lɔ</i></b> <sup>35</sup> *laṇX

	Maru	OBurm	Bola
roll	<b>laŋ</b> <sup>55</sup> *liŋX	<b>lim?</b> *limX	<b>laŋ</b> <sup>35</sup> *liŋX
day (time)	<b>na</b> <sup>55</sup> *niX	<b>niy?</b> *niX	<b>ŋji</b> <sup>35</sup> *ŋjiX, *ŋjeX, *ŋriX, *ŋreX, *ŋliX, *ŋleX
milk	<b>nuk</b> <sup>55</sup>	<b>nuiw?</b> *nuX	<b>nau</b> <sup>35</sup> *nuX
father-in-law	<b>pho</b> <sup>55</sup> *paX	<b>pha?</b> *paX, *ʔpaX, *ʔpaX	<b>pha</b> <sup>35</sup> *paX
ripe, be (fruit)	<b>məŋ</b> <sup>55</sup> *ʔmiŋX	<b>mhañ?</b> *ʔmiŋX, *ʔmiŋX	<b>məŋ</b> <sup>35</sup> *ʔmiŋX

*Tone:* <sup>55,53,55</sup>

	Maru	OBurm	Bola
fight / vie for	<b>lət</b> <sup>55</sup> *ʔlut, *ʔlit	<b>lu?</b> *luX	<b>lət</b> <sup>55</sup>

*Tone:* <sup>55,55,31</sup>

	Maru	OBurm	Bola
give	<b>pij</b> <sup>55</sup>	<b>piyh</b> *biH	<b>pi</b> <sup>31</sup> *biH, *beH
insect / worm	<b>puk</b> <sup>55</sup>	<b>puiwḥ</b> *buH	<b>pau</b> <sup>31</sup> *buH
ask / question	<b>mjik</b> <sup>55</sup>	<b>miyh</b> *miH	<b>məi</b> <sup>31</sup>
thunder	<b>muk</b> <sup>55</sup>	<b>muiwḥ</b> *muH	<b>mau</b> <sup>31</sup> *muH
cough	<b>tsuk</b> <sup>55</sup> *ʔtsu, *ʔtsuH, *ʔtsuX	<b>chuiwḥ</b> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<b>təu</b> <sup>31</sup> *ʔtuH
five	<b>ŋɔ</b> <sup>55</sup> *ŋaX	<b>ṇaḥ</b> *ŋaH	<b>ŋa</b> <sup>31</sup> *ŋaH
thief	<b>khuk</b> <sup>55</sup> *ku, *kuH, *kuX	<b>khuiwḥ</b> *ʔkuH, *ʔkuH, *kuH	<b>khau</b> <sup>31</sup> *kuH

*Tone:* <sup>55,55,35</sup>

	Maru	OBurm	Bola
	Maru	OBurm	Bola
excrement	<b><i>khjik</i></b> <sup>55</sup> *kji, *kjiH, *kjiX, *kri, *kriH, *kriX, *kli, *kliH, *kliX	<b><i>khliyh</i></b> *ʔkliH, *ʔkliH, *kliH	<b><i>khji</i></b> <sup>35</sup> *kjiX, *kjeX, *kriX, *kreX, *kliX, *kleX
snap / break (a stick)	<b><i>khjuk</i></b> <sup>55</sup> *kju, *kjuH, *kjuX, *kru, *kruH, *kruX, *klu, *kluH, *kluX	<b><i>khyuiwḥ</i></b> *ʔkjuH, *ʔkjuH, *kjuH	<b><i>khju</i></b> <sup>35</sup>
feather / plume	<b><i>muk</i></b> <sup>55</sup>	<b><i>muyḥ</i></b> *muiH	<b><i>mau</i></b> <sup>35</sup> *muX
widow	<b><i>tfhuk</i></b> <sup>55</sup> *tʃu, *tʃuH, *tʃuX	<b><i>chuiwḥ</i></b> *ʔtsuH, *ʔtʃuH, *ʔtsuH, *ʔtʃuH, *tsuH, *tʃuH, *tsuH, *tʃuH	<b><i>tfhu</i></b> <sup>35</sup>
wash (clothes)	<b><i>tfhik</i></b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	<b><i>chiyḥ</i></b> *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	<b><i>tfhḷ</i></b> <sup>35</sup>
medicine	<b><i>tfhik</i></b> <sup>55</sup> *tʃi, *tʃiH, *tʃiX	<b><i>chiyḥ</i></b> *ʔtsiH, *ʔtʃiH, *ʔtsiH, *ʔtʃiH, *tsiH, *tʃiH, *tsiH, *tʃiH	<b><i>tfhḷ</i></b> <sup>35</sup>