

Online Component: Lexical Reconstruction in Central Chadic

*Part I. Synchronic Transcriptions and
Reconstructed Prosodic-Phonemic Forms
for Individual Central Chadic Languages*

*Part II. Proto-Central Chadic Lexical
Reconstructions*

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PROOF

Part I

Synchronic Transcriptions and Reconstructed Prosodic-Phonemic Forms for Individual Central Chadic Languages

Part I of this online component provides an alphabetical list of reconstructed lexical items by language group and individual language or language variety, starting off from the reconstructed PCC simple root. The list confronts the transcription(s) as found in the database (Gravina 2015) – in *italics* – with unified abstract representations of the reconstructed proto-language form(s) for each individual language or language variety. Occasionally, multiple reflexes of the word (as provided by the database) are represented.

A note on transcription

At variance with the original transcriptions as contained in the database (Gravina 2015), we have replaced IPA ‘j’ by ‘y’ according to long-established use in Chadic linguistics and African linguistics in general.

Apart from quoting the database entries – always in *italics* – as they are contained there, we have replaced ‘h’ and ‘h^w’ by phonetically more adequate ‘x’ and ‘x^w’.

Further, we symbolise the non-low central vowel ‘schwa’ by ‘ə’ and not by ‘i’, at variance with Gravina (2014, 2015).

Reconstructed (often semantically bleached and petrified) grammatical morphemes are separated by hyphens from the reflexes of common simple roots, thereby indicating the morphemic build-up of so-called augmented roots. Reconstructed nasal clusters are distinguished from instances of prenasalisation (N-prosody) irrespective of the transcriptions by field linguists as contained in the database. Cases of metathesis, homorganic nasalisation, segmental fusions, and sound changes are made explicit. In such cases, preprosodification input is distinguished from post-prosodification output.

The reconstructed individual language proto-forms are given in segmental morphophonemic structure between slanted lines, with the abstracted relevant prosodies indicated preceding the leftmost slanted line. Exactly how the prosodies, single or combined, affect one or more segments of the morphophonemic representation, and how reduplication (RED) of root material is represented in phonetic surface realisations, is a matter of individual language histories; for

such details, see Part II of the online component. Also, for the identification of the ultimate segmental origin of each prosody in the historically underlying PCC reconstruction, the reader is referred to Part II of the online component where all this is made explicit.

With regard to the status of schwa on the individual proto-language level, non-phonemic (pro-and epenthetic) intrusive schwa will not be transcribed between slant lines. Where [ə] is assumed to be a conditioned allophone of */a/ (likely conditioned by a pre-juncture position), it will be transcribed as /a/ where the synchronic transcriptions show schwa. The format of data presentation is the following:

Gloss		PCC simple root	
Language group	Language	Proto-form(s) by language (indicating morpheme boundaries and metathesis)	Synchronic form (transcription)
Able, to be		*ba	
BATA	Bachama, Sharwa	*/m-ba-n/	^m ba(m), ^m ban
DABA	Daba	*/m-ba-y/	^m bay
HURZA	Mbuko	*/m-ba/	^m ba
MANDARA	Podoko	*/m-ba/	^m ba
MOFU	Ouldeme	*/m-b-y/, * ^w /m-ba-ka/	^m bi, ^m bako
	Zulgo, Merey	*/m-ba/	^m ba
	Gemzek	*/RED-m-ba-na/	ma ^m bana
	Dugwor	* ^y /RED-m-ba-y/	ma ^m biy
HIGI	Kirya	*/m-ba-na/	^m banə
	Bana	*/m-ba-y/	^m ba(y)
GIDAR	Gidar	*/a-RED-pa/	əbapa
Arm, hand ₁		*dzva	
BATA	Bata	* ^y /tfa/	tife
	Sharwa	* ^y /tv-y/	tivi
	Gude, Jimi	* ^y /ts-y-n(a)/	tʃiina, tʃiyən
	Tsuvan	* ^y /tsva/	tʃəve
MANDARA	Mandara	* ^y /rva/	erva
	Malgwa	* ^y /rva/	ərva
	Glavda	*/da/	də
	Dghwede	*/dva/	dəva
LAMANG	Lamang	* ^w /dzva/	dzəvo
	Hdi	*/dzv-w/	dzəvu
HIGI	Kamwe-Futu	* ^y /dzba/	dziḃə
	Psikye	*/dzva/	dzəvə
	Bana	*/dva/	dəvə

Arm, hand ₂		*x(a)ra	
DABA	Buwal, Gavar	*/ra/	<i>ra</i>
MAFA	Mafa	*/ra-y/	<i>ray</i>
	Cuvok	*/xa/	<i>ha</i>
TERA	Tera	*/xar/	<i>xar</i>
	Ga'anda	*/y/xara/	<i>hera</i>
SUKUR	Sukur	*/r-y/	<i>ri,</i>
		*/ra-y/	<i>räi</i>
HURZA	Mbuko, Vame	*/ala-y/	<i>alay</i>
MANDARA	Matal	*/a-xal/	<i>ahal</i>
	Podoko	*/xara/	<i>hara</i>
MOFU	Zulgo, Gemzek	*/xr/	<i>ahər</i>
	Merey	*/xla-y/	<i>həlay</i>
	Dugwor	*/la-y/	<i>lay</i>
	Mofu-Gudur,	*/xar/	<i>har</i>
	Mofu North		
	Ouldeme,	*/a-xar/	<i>ahar</i>
MAROUA	Muyang, Mada,		
	Moloko		
	Giziga-Marva	*/xan/	<i>han,</i>
		*/xan-k/	<i>han</i>
	Giziga-Muturwa,	*/xan-k/	<i>han</i>
	Mbazla		
Armpit		*x(a)b(a)wa	
BATA	Bachama	* ^{yw} /ma-mwa-ta/	<i>m^wam^watə</i>
DABA	Buwal	* ^w /m-bwa/	<i>^mbuwa</i>
	Mbudum	* ^w /RED-m-pa/	<i>pumpa</i>
MAFA	Gavar	*/RED-pa/	<i>papa</i>
	Cuvok	* ^w /m-bwa/	<i>^mbuwa</i>
HURZA	Mafa	*/m-xbaw/ > */m-bxaw/	<i>^mbəhaw</i>
	Mbuko	*/ma-bwa-y-k/	
		> * ^{nyw} /a-bya-k/	<i>a^mbiyoek</i>
MARGI	Margi	* ^{nw} /xbw/	<i>hu^mbu</i>
	Kilba	* ^{nw} /bw/	<i>u^mbu</i>
MOFU	Mofu-Gudur	*/m-bwa/	<i>^mbəwa</i>
	Mofu North	* ^w /m-bwa/	<i>^mbuwa</i>
	Zulgo	* ^{ny} /xb-y-d/	<i>hi^mbid</i>
	Gemzek	* ^{ny} /xba-d/	<i>hə^mbed</i>
	Ouldeme	* ^{nw} /xbwa-y/	<i>hu^mbuway</i>
	Dugwor, Merey	*/m-xbawa-y-k ^w /	
		> * ^{nyw} /xbaya-k ^w /	<i>hu^mbayek^w</i>
HIGI	Moloko	*/m-bawa-y-k ^w /	
		> * ^y /m-baya-k ^w /	<i>^mbeyewk</i>
	Kamwe-Nkafa	* ^{nw} /xabwa/	<i>ha^mbuwə</i>
	Kamwe-Futu	* ^{nw} /xadwa/	<i>haⁿduwa</i>

Ashes		*pts(a)da	
BATA	Bata	*y/fta/	<i>fite</i>
	Bachama	*/ftad-y-k ^w a/ > *y ^w /ftad-ya/	<i>fitædiye</i>
TERA	Tera	*y/pdzt/, *y/pzt/	<i>pædʒit</i> , <i>pæʒit</i>
	Hwana	*y/fsa/	<i>fife</i>
MARGI	Kilba	*/ptsd ^w -w/	<i>pætsædu</i>
MANDARA	Glavda	*/ftsa/, *y/ft/	<i>aftsa</i> , <i>aft</i>
	Dghwede	*y ^w /ftsda/	<i>fisut'e</i>
MOFU	Mofu North	*/pts-a-w/	<i>pætsaw</i>
	Muyang	*y/vt-y/	<i>viti</i>
	Moloko	*y/vta/	<i>væte</i>
	Zulgo	*y/bta/	<i>bite</i>
MAROUA	Dugwor	*/bta/	<i>bæta</i>
	Giziga-Marva	*y ^w /ftsa/	<i>aftfo</i>
	Giziga-Muturwa, Mbazla	*y ^w /fts-w/	<i>futfu</i>
	Mbazla	*y ^w /pts-w/	<i>putfu</i>
KOTOKO-ISLAND	Buduma	*/fd-n/	<i>fædæn</i>
Baboon		*x(a)r(a)g^w(a)va	
DABA	Mbudum	*/xalaf/ > */laxaf/	<i>lahaf</i>
	Daba	*w/xalav/ > *w/laxav/	<i>lohov</i>
TERA	Tera	*/rwf/	<i>ruf</i>
HURZA	Mbuko	*w/xrg ^w av/	<i>hærgov</i>
MANDARA	Malgwa	*/na-lg ^w a/ > *w/na-g ^w la/, *la-lg ^w a/ > *w/la-g ^w la/	<i>nagula</i> , <i>lagula</i>
MOFU	Glavda	*w/lk ^w va/	<i>lukuva</i>
	Merey	*w/lwv/ > *w/wlv/	<i>wuhuv</i>
	Ouldeme	*w/alk ^w v/	<i>alkuv</i>
	Muyang	*w/alg ^w v/	<i>aluguv</i>
	Zulgo	*/alwv/	<i>aluv</i>
	Moloko	*w/xrg ^w av/	<i>hærgov</i>
	Gemzek	*w/xlav/	<i>hulov</i>
	Mofu-Gudur	*/lag ^w av/	<i>lag^wav</i>
MAROUA	Giziga-Muturwa	*w/lʔ ^w f/	<i>lu'uf</i>
	Giziga-Marva	*w/alʔ ^w af/	<i>al'oʃ</i>
LAMANG	Lamang	*w/lk ^w va/	<i>lk^wva</i> , <i>luk^wva</i>
	Hdi	*w/lk ^w va-k/	<i>lkuvak</i>
GIDAR	Gidar	*w/lava/	<i>lovo</i>
Baobab ₁		*k(a)w(a)ka	
BATA	Tsuvan	*/RED-kwaka-n/	<i>kuk^wakæn</i>
	Gude	*w/RED-kwʔ-na/	<i>kuku'unæ</i>
	Sharwa	*/RED-kwʔa/	<i>kæka'wæ</i>
	Bata	*w/kaw-ta/, *kawaka-y/ > *y/kakawa/	<i>kawto</i> , <i>kaawe</i>
	Bachama	*y ^w /kaw-ta/, *y ^w /kawa/	<i>kawtoe</i> , <i>koewe</i>

TERA	Tera	*/kwka/ > */kkwa/	<i>kukwa</i>
	Ga'anda	*/kwka-ta/ > */kkwa-ta/	<i>kuk'ata</i>
HURZA	Mbuko	*/RED-ka/	<i>koko</i>
	Vame	*/RED-kwa/	<i>k^wak^wa</i>
MARGI	Bura	*/kawg/ > */kagw/	<i>k^wagu, kogu</i>
	Kilba	*/wg/ > */gw/	<i>gu</i>
MANDARA	Matal	*/ma-kaka/	<i>mak^wak^wa</i>
	Mandara, Glavda, Malgwa	*/kaka/	<i>k^wak^wa</i>
MOFU	Moloko	*/kaka/	<i>koko</i>
LAMANG	Lamang	*/kawa/	<i>kowo</i>
	Hdi	*/kawʔ/ > */kaʔw/	<i>ka'u</i>
HIGI	Kirya	*/kwka/	<i>kuku</i>
	Bana	*/kka/	<i>k^wək^wə</i>
KOTOKO-NORTH	Afade	*/kwka/	<i>kuka</i>
KOTOKO-CENTRAL	Lagwan	*/kwka/	<i>kuka</i>
Baobab ₂		*b(a)t(a)w(a)ba	
DABA	Mbudum	*/ma-twɔ̃/	<i>matuɓ</i>
	Buwal	*/ma-taɓ/	<i>mataɓ</i>
MAFA	Cuvok	*/m-batawa-y/ > */m-bawata-y/	<i>^mbaatay</i>
	Mafa	*/RED-m-bata/	<i>^mboto^mbota</i>
SUKUR	Sukur	*/m-bwta/	<i>^mbutə</i>
MOFU	Mofu North	*/ma-atawaɓ/ > */ma-ataɓ/	<i>maataɓ</i>
	Mofu-Gudur	*/m-batawa-y/ > */m-bawata-y/	<i>^mbaatay</i>
Beard		*g^w(a)ma	
SUKUR	Sukur	*/ɣma-y/	<i>ɣəmay</i>
HURZA	Mbuko	*/xma-y/	<i>həmay</i>
MARGI	Bura	*/k ^w m-y/	<i>kumi</i>
MANDARA	Matal	*/a-g ^w a-y/, */a-g ^w a-y/	<i>ag^way, ag^woy</i>
	Malgwa	*/kwma/, */wma/	<i>kuuma, uuma</i>
	Mandara	*/wma/	<i>uma</i>
	Podoko	*/m-wma-y/	<i>mume</i>
MOFU	Ouldeme	*/ma-ma-y/	<i>mamay</i>
	Gemzek	*/xma/	<i>həma</i>
MAROUA	Giziga-Muturwa	*/RED-x ^w m-k ^w -n/	<i>hummuɣ</i>
LAMANG	Lamang	*/ɣma/	<i>ɣma</i>
	Hdi	*/ɣ ^w ma-y/	<i>ɣumay</i>
HIGI	Kirya	*/w ^w ɣ ^w m-y/	<i>ɣumi</i>
	Kamwe-Futu	*/y ^w ɣ ^w ba/	<i>ɣube</i>
GIDAR	Gidar	*/ny/a-gama/	<i>a^ggeme, e^ggeme</i>

Beer ₁		*v(a)x^wa	
BATA	Bata, Tsuvan	*y ^w /va/	vwe, əvwe
	Sharwa	*/vx ^w / > */vxw/ > */vwx/	vwəh
	Gude	*w/n-va/	ənvwa
	Jimi	*w/m-g-v-n/	ʔgəvun
DABA	Gavar	*/ma-va/	mavə
	Mbudum	*/ma-vw/	mavu
	Daba	*w/ma-vw/	movu
	Buwal	*/ma-vaw/	mavaw
MANDARA	Podoko	*y/pxa/	pihe
	Malgwa	*/x ^w a/	hwa
Beer ₂		*ɣ^w(a)z(a)ma	
MAFA	Mafa	*w/zam/	zom
	Cuvok	*w/wzam/	wuzam
MANDARA	Matal	*g ^w zw/, *w/g ^w zw/	g ^w əzəw, guzu
MOFU	Malgwa	*y ^w /ws-y-ka/	wufike
	Muyang	*w/zm/	zum
	Zulgo	*w/g ^w zm/	guzum
	Mofu North	*/zam/	zam
	Ouldeme, Mada, Mofu-Gudur	*w/wzam/	wuzam
	Mada	*w/wzam/	wzom
	Merey, Dugwor	*w/g ^w zam/	guzom
	Gemzek	*w/g ^w zam/, *w/g ^w azam/	guzom, gozom
MAROUA	Mbazla	*/zam/	zam
LAMANG	Giziga-Marva	*w/m-zam/	muzom
	Lamang	*w/ɣ ^w za/	yuzo
	Hdi	*w/ɣ ^w zw/	yuzu
Beer ₃		*paɭa	
DABA	Daba	*/m-baɭa-ʔ/	^m baɭa'
	Mbudum	*/m-daɭa/	ⁿ daɭa
SUKUR	Sukur	*/m-paɭa/	məpaɭə
MANDARA	Mandara, Malgwa	*/m-baɭa/	^m baɭa, ^m badhla
MOFU	Ouldeme, Muyang, Moloko, Mofu- Gudur, Mofu North	*/m-baɭa/	^m baɭa
LAMANG	Lamang	*/m-baɭa/	mbazla

Belch, to		*g^w(a)d(a)ɬa	
DABA	Buwal	*/dɬɬ/	<i>dɬɬ</i>
	Mbudum	*/m-grɬ/	<i>ɲgərɬ</i>
MAFA	Mafa	*/g ^w ɬa/	<i>guɬa</i>
	Cuvok	*/dɬɬa/	<i>dɬɬa</i>
HURZA	Mbuko	*/dɬa/	<i>dɬɛ</i>
	Vame	*/ɬa-na-k ^w -na/	<i>ɬanana</i>
MARGI	Margi	*/waɬɬ-y/ > */ɬaɬw-y/	<i>ɬa'wi</i>
	Bura	*/w ^w /waɬɬ-y/ > */ɬaɬ-y/	<i>ɬaɬ^wi</i>
MANDARA	Matal	*/ma-gɬa-y/	<i>magɬay</i>
	Glavda	*/gɬɬ-ga/	<i>giɬ^wga</i>
MOFU	Malgwa	*/yɬa/	<i>iɬhla</i>
	Mofu-Gudur	*/dɬ/	<i>dɬɬ</i>
	Ouldeme	*/gɬa-y/	<i>gɬɬay</i>
	Zulgo	*/RED-ɬa/	<i>ɬɛɬɛ</i>
	Mada	*/m ^y /ma-gɬa-a/	<i>me^gɬɛa</i>
	Gemzek	*/ma-raɬa/	<i>mereɬɛ</i>
	Merey	*/raɬ/	<i>raɬ</i>
MAROUA	Giziga-Muturwa	*/RED-ɬɬa-y/ > */ɬr-ɬaɬ-y/	<i>'irɬi'i</i>
LAMANG	Lamang	*/wɬda/	<i>wɬda</i>
	Hdi	*/m-gwɬ/ > */m-gɬw/	<i>ɲɬu</i>
HIGI	Bana	*/ɬ-y/	<i>ɬi</i>
KOTOKO-NORTH	Afade	*/ɬa/, */wɬɬa-n/ > */ɬaw-n/	<i>ɬ'e, ɬ'aun</i>
	Mpade	*/m-wɬsa/ > */m-sɬa/	<i>ms'o</i>
KOTOKO-CENTRAL	Lagwan	*/gaɬ-y/	<i>gelili</i>
Belly		*x^w(a)ɬa	
MAFA	Mafa, Cuvok	*/x ^w ad/	<i>h^wad'</i>
TERA	Ga'anda	*/x ^w ra/	<i>h^wira</i>
SUKUR	Sukur	*/x ^w d/	<i>hud'</i>
MANDARA	Matal	*/x ^w d/	<i>h^wad'</i>
	Mandara, Malgwa, Dghwede	*/y ^w /x ^w ɬa/	<i>hude</i>
	Podoko	*/x ^w ɬa/	<i>huda</i>
	Glavda	*/x ^w ɬa/, */x ^w d/	<i>huda, x^wad</i>
MOFU	Ouldeme	*/x ^w ra-d/	<i>xurad'</i>
	Muyang, Zulgo, Merey	*/x ^w d/	<i>hud'</i>
	Gemzek	*/x ^w d/, */x ^w ad/	<i>hud', hod'</i>
	Mada, Moloko	*/x ^w ad/	<i>hod'</i>
	Mofu North, Mofu-Gudur	*/x ^w ad/	<i>h^wad'</i>
	Dugwor	*/wad/	<i>wad'</i>

MAROUA	Mbazla	*w/wra/	wuru, awuru
LAMANG	Lamang, Hdi	*w/x ^w ɗ-ɣ/	xudī
HIGI	Kamwe-Futu, Kamwe-Nkafa	*x ^w -ɣ/	h ^w i
	Bana	*x ^w ɾ/	x ^w əɾ
	Kirya	*w/x ^w ɾ/	h ^w ur
MUSGUM	Vulum, Mbara	*war/	war
Bird *d(a)y(a)k^wa			
MAFA	Mafa, Cuvok	*y/dɣak/	dɣak
TERA	Tera	*y/dɣka/	dɣika, diki
SUKUR	Sukur	*ɣyak/	'yak
MARGI	Bura	*dɣka/	dika
	Margi	*y/ɣyka/	'ikyi
	Kilba	*ɣyakw/, *ɣyagw/	'yaku, 'yagu
	Margi-South	*ɣyagw/	'yagu
MANDARA	Glavda	*y/dɣka, *y/dɣ/	dɪ:ka, d'ii
	Podoko	*y/dɣa/	dɪya
	Mandara	*y/dɣa/	y'ie
	Malgwa	*y/dɣa/	gɣiye
	Dghwede	*ny/dɣga/	t'i ⁿ ge
	Matal	*dɣak-n/, *y/dɣak-n/	dəyan̩, dɪyan̩
MOFU	Gemzek	*y/dɣk-n/, *y/dyk-n/	dɪyɪ̃n̩, dɪyɪ̃n̩
	Zulgo, Dugwor, Mofu-Gudur, Merey	*y/dɣak-n/	dɪyɪ̃n̩
	Ouldeme	*y/ a-ɗak ^w -n/	adeɲ ^w
	Moloko	*y/a-ɗ-ya-n/	edəyen
	Muyang	*y/a-ɗyk-n/	edɪ̃n̩
MAROUA	Giziga-Muturwa	*y/dɣw/	dɪyu(w)
	Giziga-Marva	*y/dɣaw/	dɪyaw
	Mbazla	*y/dɣaw/	dɪyew
LAMANG	Lamang, Hdi	*y/dɣak(a)/	dɪyaka, dɪyak
HIGI	Bana	*y ^w /ɣygw/	'yig ^w u
	Kirya	*yka/	ikə
	Kamwe-Futu	*y ^w /ya/	iyo
Bite, to *dza			
DABA	Gavar	*m-k-tsa/	ɲtsa
	Buwal	*y/m-k-tsa/	ɲtʃa
	Daba	*y/m-ka-ts/	ʔgatʃ
MAFA	Mafa	*y/dz(a)/, *y/m-dza/	dʒ-, ndʒe

MANDARA	Malgwa	*y/dza/	dʒa
	Matal	*ma-tsa-y/	matsay
	Dghwede	*m-dza-xa/	ʰdʒaxa
	Podoko	*y/m-dza-wa/	ʰdʒewe
MOFU	Mofu-Gudur	*z/	z
	Mofu North	*y/ma-za-y/	mezey
	Ouldeme	*ma-tsa-y/	matsay
	Zulgo	*y/dza/, *y/dza-r/	dze, dzer
	Gemzek	*dza-y/, *y/ma-dza/	dzay, medze
MAROUA	Mbazla	*y/ts-y/	tʃi
Bite ₂ , chew, to		*x^w(a)p(a)ɖa	
HURZA	Mbuko	*pa/	pa
	Vame	*y/pya/	piya
MARGI	Margi	*bɖa/	bɖa
	Bura	*bɖa/, *bɖ-y/	bɖa, bɖi
MANDARA	Glavda	*w/x ^w pad ^h -ga/	xupad ^h ga
	Malgwa	*w/kpadā/	ukpadā
	Podoko	*w/padā/	upadā
MOFU	Muyang, Merey	*xpd/	həpəd
	Gemzek	*y/ma-xpdā/	mehəpəde
	Dugwor	*y/m-pdā-y/	məpədey
	Ouldeme, Moloko	*pad/	pad
	Zulgo	*RED-pad ^h > */pa-pd/	papəd
LAMANG	Lamang	*xpadā/	xpadā
	Hdi	*xɖā-y/ > *y/xʔda/	xi ^h ida
Blind, to be; blind person		*ɣ^w(a)r(a)fa	
BATA	Jimi	*wrf-n/	wəɾəfən
	Gude	*w/wrfā/, *w/m-wrfā/	uurəfə, muurəfa
	Tsuvan	*y/a-wlfā/	awəlfe
DABA	Daba, Gavar	*wlf/	wələf
	Mbudum	*w/wlf/	wuləf
	Buwal	*w/wlaf/	ulaf
HURZA	Vame	*w/ɣ ^w laf/	ɣulaf
	Mbuko	*w/x ^w raf/	huɾof
MARGI	Kilba	*w/wlfā/	wulfu
	Margi	*lfā/	ləfə
MANDARA	Podoko	*w/m-g ^w lfā/	ʰguləfa
	Glavda	*w/glfā/	gulfa
	Matal	*w/glf/	guləf
	Malgwa	*y ^w wlfā/, *y ^w /m-wlfā/	wulfe, ɣulfe
	Mandara	*y/walfā/	welfe

MOFU	Ouldeme	* ^w /wlf/	wuləf
	Mofu-Gudur	* ^w /wlf/, * ^w /x ^w lf/, * ^w /wlaf/	wulf, hulf, wulaf
	Mofu North	* ^w /wlaf/	wulaf
	Moloko	* ^w /xlaf/	həlof
	Merey, Zulgo	* ^w /g ^w lf/	guluf
	Gemzek, Dugwor	* ^w /g ^w laf/	gulof
MAROUA	Giziga-Muturwa	* ^w /x ^w lf/	huluf
	Giziga-Marva	* ^w /x ^w laf/	hulof
LAMANG	Lamang	* ^w /ɣ ^w lpa/	ɣulpa
	Hdi	* ^w /ɣ ^w lpa-kw/	ɣulpaku
HIGI	Bana	* ^y /ɣ ^w lf/	ɣ ^w ələf
	Kirya	* ^y ^w /m-ɣ ^w ɾpa-a/	məɣuripaə
	Kamwe-Futu	* ^w /ɣ ^w lp-y/, * ^w /ɣ ^w la/	ɣuləpi, ɣulə
	Kamwe-Nkafa	* ^w /ɣ ^w l-y/, * ^y /ɣ ^w al-y/	ɣuli, ɣ ^w eli
KOTOKO-CENTRAL	Lagwan	* ^w /m-x ^w f-y/	nxufi
	Mser	* ^y /m-g ^w afa/	ng ^w afi
KOTOKO-SOUTH	Zina	* ^y /ɣ ^w ara-y/ > * ^y /ɣ ^w ayra/	ɣ ^w ayra
Blood		*x^w(a)b(a)za	
BATA	Bachama, Bata	* ^y /m-baza-y/ > * ^{ny} /zaba/	za ^m be, za ^a mbe
DABA	Mbudum	* ^w /RED-m-bz/	mu ^m bəz
	Gavar	* ^y /RED-ma-ps/ > */ʔa-m-ps/	'ampəs
	Buwal	* ^y /RED-m-baz/	^m ba ^m baz
	Mafa	* ^y /RED-m-baz/	pa ^m baz
SUKUR	Cuvok	* ^y /RED-m-baz/	be ^m bez
	Sukur	* ^w /RED-m-bs/	mu ^m buss
HURZA	Mbuko	* ^y /ma-z/	mez
	Vame	* ^y ^w /RED-m-za/	munze
MARGI	Kilba	* ^y /ma-s-y/	mafi
MANDARA	Podoko	* ^y /m-wza/	muza
	Mandara, Malgwa	* ^y /wza/	uze, uuze
MOFU	Matal	* ^y /m-x ^w z/ > * ^y /ɲz/	aɲiz, aɲiz
	Ouldeme	* ^y /ma-z-y/ > * ^y /a-mz/	amiz
	Mada	* ^y /a-maz/	emez
	Zulgo	* ^y /RED-m-bz/ > */m-m-bz/	mə ^m bəz
	Mofu North, Mofu-Gudur	* ^y /ma-m-baz/	ma ^m baz
MAROUA	Gemzek, Merey	* ^y /RED-m-baz/ > */ba-m-baz/	ba ^m baz
	Giziga-Marva	* ^w /RED-m-bs/ > * ^w /p-m-bs/	pu ^m bus
	Mbazla	* ^w /xa-m-bs/, * ^w /ʔa-m-bs/, * ^w /a-m-bs/	ha ^m bus, 'a ^m bus, a ^m bus

LAMANG	Lamang	* ^w /ʎ ^w ʂs-y/ * ^w /wʂs-y/	yubsi, ubsi
	Hdi	* ^y /ws/	us
HIGI	Kamwe-Futu,	* ^y /RED-m-y/	myimyi
	Kamwe-Nkafa	* ^y /RED-m-y/ * ^y /RED-m-y/	myimyi, mimi
	Kirya, Bana	* ^y /RED-m-y/	mimi
Blow ₁ , to		* v(a)ʒa	
BATA	Bata	* ^y /fl/	fil
HURZA	Mbuko	* ^y /vʒa/	vəʒe
MOFU	Merey	* ^y /vʒ/	vəʒ
	Zulgo	* ^y /vʒ/	viʒ
	Gemzek	* ^y /ma-vʒa/	mevəʒe
	Dugwor	* ^y /m-vʒa-y/	məvəʒey
LAMANG	Hdi	* ^w /vʌa-y/	vulay
KOTOKO-NORTH	Mpade	* ^y /fl/	fil
	Malgbe	* ^y /fla/	file
KOTOKO-CENTRAL	Mser	* ^y /vl/	vil
	Lagwan	* ^{y^w} /vl-w-n/	vilwun
Blow ₂ , to		* v(a)tʂa	
BATA	Tsuvan	* ^w /a-vats-k-n/	avatskən
SUKUR	Sukur	* ^w /vs/	vus
HURZA	Vame	* ^w /f-wa/	fuwa
MARGI	Bura	* ^w /f-y/ * ^w /f-ya/	fī, fya
MOFU	Mofu-Gudur	* ^f /f/	f
	Moloko	* ^y /fa/	fe
	Dugwor	* ^y /ma-fa-y/	mafay
	Gemzek	* ^y /ma-vtsa/	mevətse
	Ouldeme	* ^y /v-y/ * ^y /vatsa-y/	vi, vatsay
	Mada	* ^y /ma-va-a/	mevea
	Muyang	* ^y /v-w/	vu
MAROUA	Giziga-Marva, Giziga-Muturwa	* ^y /f-y/	fī
	Mbazla	* ^y /f-y-w/ > * ^w /f-w-y/	fuwi
LAMANG	Lamang	* ^y /va/ * ^y /v-ya/	va, viya
HIGI	Kamwe-Nkafa	* ^y /vsa/	vəsə
	Kamwe-Futu	* ^y /vs-y/ * ^y /v-y/	visi, vi
	Kirya	* ^y /v-y/	vi
	Bana	* ^y /v-y/	viy

KOTOKO-ISLAND	Buduma	*/fa/	<i>fa</i>
KOTOKO-NORTH	Afade	*/ft-y/	<i>fii</i>
	Mpade, Malgbe	*y/fasa/	<i>fasi</i>
KOTOKO-CENTRAL	Lagwan	*y/vs-y/	<i>vifi</i>
	Mser	*/vas/	<i>vas</i>
MUSGUM	Mulwi	*/v-y-w/ > * ^w /RED-v-w-y/	<i>vuvuwi</i>
Body, self		*y^w(a)va	
MAFA	Mafa	*/va/	<i>va</i>
	Cuvok	*/wav/ > */vaw/	<i>vaw</i>
TERA	Tera	*/va/	<i>va</i>
SUKUR	Sukur	*/va/	<i>və</i>
MANDARA	Glavda	*/v/	<i>v</i>
	Matal	*/kv/ > */vk/	<i>vək</i>
	Dghwede	*/gva/ > */vga/	<i>vəga</i>
	Mandara	*/wva/ > */vwa/	<i>vua</i>
	Malgwa	*/wva-y/ > * ^{yw} /vwa/	<i>vuwe</i>
	Podoko	*/kava/, */na-va/	<i>kava,</i> <i>nava</i>
MOFU	Gemzek, Merey, Dugwor,	*/ba/	<i>ba</i>
	Zulgo	*/ba/, */va/	<i>ba,</i> <i>va</i>
	Moloko	*/va/	<i>va</i>
	Muyang	*/wv/ > */vw/	<i>vu</i>
	Ouldeme	* ^w /va/	<i>vo</i>
	Mofu North	*/wav/ > */vaw/	<i>vaw</i>
MAROUA	Giziga-Marva	* ^w /va/	<i>vo</i>
LAMANG	Lamang	*/yva/	<i>yva</i>
	Hdi	*/yva/ > */vyā/	<i>vəya</i>
HIGI	Kirya	*/va/	<i>və</i>
	Bana	*/yva/ > */vyā/	<i>vyā</i>
	Kamwe-Nkafa	*/g ^w a/	<i>g^wa</i>
	Kamwe-Futu	*/g ^w a/	<i>g^wo</i>
	Psikye	*/gva/	<i>gəva</i>
Boil, to		*k^w(a)d(a)xa	
BATA	Bachama	*y/k ^w adāsa/	<i>k^wad^hasa</i>
DABA	Daba	* ^w /k ^w dā-y/	<i>kudāy</i>
	Mbudum	*y/kdax/	<i>kydeh</i>
MAFA	Cuvok	* ^w /k ^w dāxa/	<i>kudāha</i>
TERA	Tera	* ^w /k ^w rax-y/, */k ^w l̥ax/	<i>kuraxi,</i> <i>kuḷakh</i>
HURZA	Mbuko, Vame	*/k ^w adax(a)/	<i>k^wadāh(a)</i>
MARGI	Bura	* ^w /k ^w dā/	<i>kudu</i>
MANDARA	Podoko	*/k ^w adāxa/	<i>k^wadāha</i>
	Malgwa	*/k ^w adā/	<i>k^wadā</i>

MOFU	Zulgo	*/k ^w adā/	k ^w adā
	Mada	*/ma-k ^w adāx/	mak ^w adāh
	Gemzek	*/y/ma-k ^w adāxa/	mek ^w edehe
	Mofu North	*/y/ma-k ^w adāxa-y/	mek ^w edehey
	Dugwor	*/y ^w /ma-k ^w adāxa-y/	māk ^w odehey
	Ouldeme	*/y/k ^w adāxa-k-n/	k ^w adehej
	Muyang	*/y/k ^w adāxa-y/	kodāhay
LAMANG	Lamang	*/k ^w adāxa/	k ^w adāha
	Hdi	*/kdāxa-y/	kādāhay
Bone ₁		*d̥y(a)la	
BATA	Tsuvan	*/y/ɣa/	iɣe
	Sharwa	*/y/la/	allə
	Gude	*/y/la/	ila
	Jimi	*/y/l-n/	ilən
	Bachama	*/y/la-k ^w / > */y/k ^w la/ > */y/wla/	uule
MAFA	Mafa	*/ta-l/	tal
	Cuvok	*/la-r/ > */RED-la-r/	lalar
TERA	Tera	*/d̥l/, */d̥la/	ɣəl, qəli
	Ga'anda	*/la/	ela
SUKUR	Sukur	*/ta-l/	tal
MARGI	Kilba	*/d̥yxa/	d̥ih'i
	Margi	*/d̥yax-w/	d̥yahu
MANDARA	Glavda	*/la/, */RED-la/	la, lala
	Podoko	*/la/ > */RED-la/	lala
	Dghwede	*/la/ > */y/RED-la/	lale
	Mandara, Malgwa	*/xa/ > */y/RED-xa/	h'ah'e, h'eh'e
	Matal	*/a-la-l/	alal
MOFU	Muyang	*/a-la-t/	alat
	Ouldeme, Mada	*/a-la/ > */a-RED-l/	alal
	Zulgo, Gemzek	*/a-ta-l/	atal
	Merey, Dugwor	*/m-ta-l/	matal
	Mofu North	*/m-ta-l/ > */n-da-l/	dal
MAROUA	Giziga-Muturwa	*/ta-l(a), */a-ta-l/	tel(e), etel, atel
	Giziga-Marva	*/y/a-ta-l/	atel
	Mbazla	*/RED-ʔal/	'a'al
HIGI	Kamwe-Nkafa	*/ʔy/la/	'yithlə
	Bana	*/ʔy/la/, */y/la-r/	'yiłə, eler
	Kamwe-Futu	*/y/la/	ila
	Kirya	*/y/la/	ilə
KOTOKO-ISLAND	Buduma	*/a-xa-y/	ahay

KOTOKO-NORTH	Afade	*/m-ʔyɫa/ > *y/n-lʔa/	<i>enl'i</i>
	Malgbe	*/m-yɫa/ > *y/n-lɑ/	<i>enli</i>
	Mpade	*/m-ysa/ > *y/n-sa/	<i>enfi</i>
KOTOKO-CENTRAL	Mser	*/m-ys/ > *y/n-sy/	<i>enfi</i>
	Lagwan	*/ma-yɫ/ > */a-ly/	<i>ali</i>
KOTOKO-SOUTH	Zina	*/a-sa/ > */a-RED-sa/	<i>asasə</i>
	Mazera	*/a-ʔysa/ > *y/a-RED-sʔya/	<i>asis'e</i>
GIDAR	Gidar	*/la-k-n/ > *y/RED-lan/	<i>lenlen</i>
Bone₂ *r(a)k(a)la			
DABA	Mbudum	*ny/k-rgɫ/	<i>kirŋgɪɫ</i>
	Buwal	*ny/ka-rgaɫ/	<i>kerə'gel</i>
	Daba	*/g-m-rgɫ-y/ > *ny/g-grɫ/	<i>g'giriɫ</i>
HURZA	Mbuko	*/k-lakaɫ/	<i>kəlakaɫ</i>
	Vame	*/a-kaɫ/ > */a-lak/	
		> */RED-a-lak/	<i>alələk</i>
MOFU	Moloko	*/k-lakaɫ/	<i>kəlakaɫ</i>
MUSGUM	Mulwi, Vulum	*/ka-kla-y/ > *y/ka-lka/	<i>kelke</i>
	Muskum	*y/kl-t/	<i>kilit</i>
	Mbara	*ny/gɫ/	<i>'gɪɫ</i>
Bow *r(a)ga			
BATA	Gude	*/raga/	<i>raga</i>
	Bata	*y/raga/	<i>rage</i>
	Jimi	*/rag-n/	<i>ragan</i>
MAFA	Mafa	*y/laka-dʼ/	<i>leked'</i>
	Cuvok	*/lak-n/ > */RED-lan/	<i>lalan</i>
TERA	Tera	*/r-y/	<i>ri</i>
SUKUR	Sukur	*/ra-y/	<i>ray</i>
HURZA	Vame	*/lka/	<i>ləka</i>
	Mbuko	*ny/lga/	<i>li'ge</i>
MARGI	Margi, Kilba,	*/laga/	<i>laga, lagga</i>
	Margi-South		
MANDARA	Bura	*/la-y/ > */RED-l-y/	<i>lali</i>
	Podoko	*y/lka/	<i>lika</i>
	Mandara, Malgwa	*y/lka/	<i>elke</i>
	Matal	*/a-lak/	<i>alak</i>
	Glavda	*/xa-laya/ > */laxaya/ > */laaya/	<i>la::ba</i>
MOFU	Zulgo	*y/lk-dʼ/	<i>likid'</i>
	Gemzek	*/xa-la-k-n/	<i>halan</i>
	Dugwor	*y/x-lak/	<i>hələk</i>
	Merey, Mofu	*/la-k-n/ > */RED-la-ŋ/	<i>lalan</i>
	North		
	Mofu-Gudur	*y/la-k-n/ > *y/RED-la-ŋ/	<i>lelen</i>
	Ouldeme	*/a-lak/	<i>alak</i>
	Mada	*y/a-laka-dʼ/	<i>eleked'</i>
	Moloko	*ny/ma-ga-lak/	<i>me'gelek</i>

MAROUA	Giziga-Marva, Mbazla	*y/xa-lak/	<i>helek</i>
LAMANG	Lamang	*y/laya/	<i>leye</i>
	Hdi	*y/ly-a-d/	<i>ləyed</i>
HIGI	Bana	*y/rg-y/	<i>rəgi</i>
	Kamwe-Futu	*y/rag-y/	<i>regi</i>
	Kamwe-Nkafa	*y/lg-y/	<i>lig³i</i>
MUSGUM	Mbara	*y/g-nd-l-y-k-n/ > *y/g-nd-l-ŋ/	<i>gɪⁿdiliŋ</i>
Brain		*r(a)la	
HURZA	Mbuko	*m-k-k-lal-y/ > ^{ny} /m-k-lgal/	<i>məkaliⁿgel</i>
MANDARA	Matal	*y/rh/	<i>aril</i>
MOFU	Zulgo, Gemzek	*y/a-raɬ/	<i>areɬ</i>
	Muyang	*y/n-dl/	<i>eⁿdil</i>
	Ouldeme	*y/n-dal/	<i>aⁿdet</i>
	Merey	*m-ka-dal-y/ > ^{ny} /dagal/	<i>deⁿgel</i>
	Dugwor	*ma-ka-lal-y/ > ^{ny} /a-lagal/	<i>aleⁿgel</i>
MAROUA	Giziga-Marva	*y/a-lal/	<i>alel</i>
KOTOKO-NORTH	Afade, Maltam	*y/rl-ʔ-y/	<i>erl'i, eril'i</i>
KOTOKO-CENTRAL	Mser	*ma-ras-y-ʔa/ > *y/ma-ras-ʔa/	<i>meres'i</i>
Breast (female), udder, milk		*d(a)w(a)xa	
BATA	Sharwa	*ʔwa/	<i>'wa</i>
	Gude	*ʔwa-na/	<i>'wanə</i>
	Tsuvan	*ʔwa-k-n/	<i>'wakən</i>
	Jimi	*wa-n/	<i>wan</i>
	Bata	*w/wa-ta/	<i>wato</i>
DABA	Buwal, Mbudum	*wa/	<i>wa</i>
	Gavar	*m-ʔwa/ > ⁿ /ŋʔwa/	<i>ŋ'wa</i>
MAFA	Mafa, Cuvok	*wa/	<i>wa</i>
TERA	Tera	*RED-6w/, *RED-6-y/	<i>bubu, bi³i</i>
SUKUR	Sukur	*ʔwa/	<i>'wa</i>
MARGI	Kilba	*ʔwa/	<i>'wa</i>
	Bura, Margi, Margi-South	*w/ʔwa/	<i>'uwa</i>
MANDARA	Podoko	*/6wa/ > ^w /w6a/	<i>u6a</i>
	Glavda	*/6wa/ > ^w /w6a/	<i>u:6a</i>
	Dghwede	*/6wa/ > ^w /w6a/	<i>wup'a</i>
	Mandara, Malgwa	*w6a-y/ > ^y /w6a/	<i>ube, uube</i>
	Matal	*awa/	<i>awa</i>

MOFU	Mada, Mofu-Gudur	*/dwa/	<i>dwa, dɛwa</i>
	Muyang	* ^w /dwa/	<i>dɛwa</i>
	Ouldeme	* ^w /a-dwa/	<i>adɛwa</i>
	Merey	*/wax/	<i>wah</i>
	Zulgo, Gemzek, Dugwor	*/awax/	<i>awah</i>
MAROUA	Giziga-Muturwa, Giziga-Marva	* ^w /dwa/	<i>dɛwa</i>
	Mbazla	*/ʔwa/, */waʔ/	<i>ʔwa, waʔ</i>
LAMANG	Lamang	*/ɓwa/ > */wɓa/	<i>uɓa</i>
	Hdi	*/ʔwa/ > */wʔa/	<i>uʔa</i>
HIGI	Kirya, Bana	*/ʔwa/	<i>ʔwa</i>
KOTOKO-NORTH	Kamwe-Futu	* ^w /wa/	<i>uwo</i>
	Afade	*y/ʔw-y/	<i>eʔwi</i>
KOTOKO-CENTRAL	Maltam	*/m-b-y/	<i>e^mbi</i>
	Lagwan	*y/w-y/	<i>iwi</i>
Broom		*l(a)d(a)k^wa	
BATA	Sharwa	*/m-sta-y/ > * ^y /smta/	<i>ʃimtə</i>
	Gude	*/m-sta-y/ > * ^y /snta/	<i>ʃinta</i>
DABA	Buwal	*/m-lad/	<i>mlad</i>
	Gavar, Mbudum	*/m-lɔk/ > */m-kld/ > */ɲ-kld/	<i>ɲkələd</i>
MAFA	Cuvok	*/ma-sɔk/ > */samɔk/ > */sa ^m bak/	<i>sa^mbak</i>
TERA	Tera	*y/RED-sat/	<i>tʃit/et</i>
SUKUR	Sukur	*/m-sʔk/ > */smʔk/ > */sɓk/	<i>səbək</i>
HURZA	Mbuko	*/srak ^w / > */srak/	<i>sərok</i>
MARGI	Bura	*/m-stw-y/ > * ^y /smtw/	<i>ʃimtu</i>
	Kilba	*/lata/	<i>lata</i>
MANDARA	Matal	*/ma-lad/	<i>malad</i>
	Podoko	*/ma-sata/ > */samata/	<i>samata</i>
MOFU	Zulgo	* ^w /slk ^w /	<i>suluk^w</i>
	Ouldeme, Mada, Mofur-North, Gemzek, Merey	* ^w /slak ^w /	<i>sələk^w</i>
	Moloko, Dugwor	*/slak ^w -y/ > * ^y /slawk/	<i>sələwk, səleuk</i>
MAROUA	Mofu-Gudur	*/salak ^w /	<i>salak^w</i>
	Giziga-Marva	*y ^w /slak/	<i>sulek</i>
LAMANG	Lamang	*y/swt-y/	<i>switi, siwiti</i>
	Hdi	*y/swʔt-y/	<i>suʔit</i>
KOTOKO-NORTH	Afade	*/stwa/ > *y ^w /wtsa/	<i>witso</i>
	Malgbe	*/lawa/ > *y ^w /wala/	<i>wali</i>
	Mpade	*/sʔawa/ > * ^w /wasʔa/	<i>wosʔo</i>

MUSGUM	Vulum	* ^w /srk/	<i>suruk</i>
	Muskum	* ^y /lxa/	<i>liha</i>
GIDAR	Gidar	* ^w /slxa/ * ^{nw} /slxa/	<i>səlho,</i> <i>sulhō</i>
Burn, to		*d(a)ra	
MAFA	Mafa	* ⁿ /n-dar/	<i>ⁿdar</i>
	Cuvok	* ⁿ /n-dala/	<i>ⁿdala</i>
MANDARA	Mandara	* ^y /dara/	<i>dere</i>
MOFU	Moloko	* ⁿ /dar/	<i>dar</i>
	Ouldeme	* ⁿ /dala-y/ * ⁿ /dl/	<i>dalay,</i> <i>dəl</i>
	Zulgo	* ^w /dl/	<i>dul</i>
	Mofu-Gudur	* ⁿ /dl/	<i>ⁿdəl</i>
MAROUA	Mbazla	* ⁿ /dl-y/ * ⁿ /n-dl-y/	<i>dili,</i> <i>ⁿdili</i>
LAMANG	Lamang	* ⁿ /dra/	<i>dra</i>
	Hdi	* ⁿ /dra-y/	<i>dəray</i>
Butterfly		*p(a)ra	
BATA	Gude	* ⁿ /RED-pr-y-na/	<i>pəripərinə</i>
DABA	Mbudum	* ^w /ma-RED-pla/	<i>məpulpula</i>
TERA	Tera	* ⁿ /ma-RED-pr/ > * ⁿ /pr-ma-pr/	<i>pərməpər</i>
SUKUR	Sukur	* ⁿ (maḷa) /RED-pr/	<i>məḷə-pərpər</i>
HURZA	Mbuko	* ^w /ma-pra-k/	<i>məpərok</i>
	Vame	* ^y /RED-pala/	<i>pəlpəle</i>
MARGI	Kilba	* ⁿ /RED-pr/	<i>pərpər</i>
	Bura	* ^y /RED-pr/	<i>pərpər</i>
MANDARA	Malgwa	* ⁿ /na-RED-pala/	<i>napalapala</i>
	Glavda	* ⁿ /a-RED-pala/ > * ⁿ /a-pala-pa/	<i>apalapa</i>
MOFU	Mofu-Gudur	* ⁿ /ma-RED-pla/	<i>məpələpələ</i>
MAROUA	Giziga-Muturwa	* ⁿ /ma-RED-pala/ * ^y /m-RED-pla/ * ^w /m-RED-pla/	<i>mapalapala,</i> <i>miplapla,</i> <i>muḷlapla</i>
HIGI	Bana	* ⁿ /RED-pl-y/	<i>pəlpəli</i>
	Kamwe-Futu	* ⁿ /RED-pala/	<i>pələpa</i>
	Kamwe-Nkafa	* ⁿ /k ^w a-RED-pala/	<i>k^wapalpa</i>
GIDAR	Gidar	* ^w /ma-ta-RED-pala/	<i>motopolopolo</i>
Camel		*k(a)ḡ(a)g(a)m(a)wa	
BATA	Tsuvan	* ⁿ /n-ḡgmwa-y/ > * ^{ny} /ḡgmwa/	<i>ḡḡgmwe</i>
	Jimi	* ^{yw} /lgam-n/	<i>liḡ^wamən</i>
	Bata	* ^w /lkap-ta/	<i>luk^wapto</i>
	Sharwa	* ⁿ /n-galbwa-y/ > * ^y /ḡ-galbwa/	<i>ngyaluba</i>

DABA	Daba	*w/ʔakama/	ʔokomo
TERA	Tera	*/ʔxamw-y/ > *y ^w /ʔmax/	ʔimox
	Ga'anda	*y/n-galpwa-y/	
		> *y/ŋ-galwpa/	ŋgelupa
SUKUR	Sukur	*w/ʔgama/	ʔag ^w am
HURZA	Mbuko	*y ^w /ʔgama/	ʔug ^w eme
	Vame	*y ^w /aʔgama/	aʔag ^w eme
MARGI	Margi-South	*w/ʔgama/	ʔug ^w am
	Bura	*y ^w /lkama/	likamo
MANDARA	Matal	*w/ʔgma-y/	ʔag ^w mi, ʔugmi,
		*w/ʔgma-y/	ʔag ^w məy
	Podoko	*w/ʔgama/	ʔag ^w ama
	Dghwede	*w/ʔgama/	ʔug ^w ama
	Mandara	*y ^w /ʔgama/	aðhluʔ ^w ame,
		*y ^w /aʔagama/	eʔeg ^w ame
	Glavda	*w/aʔagama/	aʔag ^w ama
MOFU	Zulgo	*y ^w /ʔgma/	ʔig ^w ime
	Gemzek	*y ^w /ʔgma/	ʔugme,
		*y ^w /ʔgama/	ʔegume
	Merey	*y ^w /ʔgama/	ʔag ^w eme
	Mofu-Gudur	*w/ʔagama/	ʔag ^w ama
	Dugwor	*y ^w /ʔagama/	ʔeg ^w eme
	Ouldeme	*y ^w /aʔgama/	aʔag ^w eme
	Moloko	*y ^w /aʔagama/	eʔeg ^w eme
	Muyang	*y ^w /aʔgma-y/	eʔig ^w emi
	Mofu North	*y/ʔagvama/	ʔegiveme
MAROUA	Mbazla	*y/ʔaʔgama/	'aʔgomo
	Giziga-Muturwa	*/?aʔagamaw-k-n/	
		> *w/ʔaʔagama-ŋ/	(a)
			ʔogomo(ŋ)
LAMANG	Lamang	*w/ʔgama/	ʔg ^w ama
	Hdi	*y/n-galbwa/	ngalibwa,
		*y ^w /ŋalbwa/	ŋalibuwa
HIGI	Kamwe-Futu	*w/ʔgam-y/	thag ^w ami
	Bana	*w/n-galbwa/ > *w/n-galwba/	ʔgaluba
	Kiryā	*y ^w /n-alaba/	nyaloba
KOTOKO-ISLAND	Buduma	*y ^w /lagma/	loguame
KOTOKO-NORTH	Afade	*y/rgmw/	girgimu
	Maltam	*y/rgdmw/	girdzimu
	Mpade	*y ^w /galdzma/	galdzimo
	Malgbe	*y ^w /lagama/	logome
KOTOKO-CENTRAL	Lagwan	*w/kr̥gma/	kurguma
	Mser	*w/rgma/	gurguma
KOTOKO-SOUTH	Mazera	*w/kr̥gma/	kurguma
MUSGUM	Mbara	*w/lkmwa/ > *w/lwkma/	lukma
GIDAR	Gidar	*w/lagama/	logomo

Change, to		*b(a)ɗa	
DABA	Buwal, Gavar	*/m-bad/	^m bad
SUKUR	Sukur	*/m-bɗa/	^m bɗa
HURZA	Mbuko	*/m-bɗa/	^m bɗa
	Vame	* ^y /m-bɗa-da/	^m bɗɗede
MANDARA	Matal	*/ma-bɗa-la/	^m abɗla
	Podoko, Dghwede	*/m-bɗa/	^m bɗa
	Malgwa	*/m-baɗa/	^m baɗa
	Mandara	*/m-baɗa/, * ^y /m-baɗa/	^m baɗa, ^m beɗa
MOFU	Zulgo, Gemzek, Mofu-Gudur	*/m-bɗ/	^m bɗ
	Ouldeme, Moloko	*/m-bad/	^m bad
	Mofu North	* ^{ny} /RED-m-bɗa-y/	^m ə ^m bɗɗey
	Dugwor	* ^{ny} /RED-m-bɗa-y/, */RED-m-bɗa-y-k-n/ > * ^{ny} /m-m-bɗa-ŋ/	^m ə ^m bɗɗey, ^m ə ^m bɗɗen
MAROUA	Giziga-Muturwa	* ^y /m-bɗ-y/	^m bidi
	Giziga-Marva	* ^y /m-bɗa/	^m bide
LAMANG	Lamang	*/m-bɗa/	^m bɗa
	Hdi	*/m-bɗa-y/	^m bɗɗay
HIGI	Kirya	*/m-bra/	^m bəra
	Bana	*/m-bra/	^m bəra
	Kamwe-Nkafa	*/m-br-n-ta/	^m bəra ⁿ tə
Charcoal		*ɣ^w(a)v(a)na	
BATA	Sharwa	*/xv-y/ > * ^y /vx-y/	avihi
	Gude	* ^y /vn-y-na/	ivənyinə
DABA	Daba	*/m-gvan-ʔ/ > */ŋ-gvan-ʔ/	ŋgəvanʔ
	Mbudum	*/m-g ^w van-k/ > * ^w /ŋ-g ^w van/	ŋguvon
MAFA	Mafa	*/van-k/ > */van/	van
SUKUR	Sukur	* ^y /vn/	vin
HURZA	Mbuko	* ^w /wvan/	uvon
	Vame	* ^w /x ^w van/	huvan
MARGI	Bura	* ^y /vna/	vina
	Margi	* ^{y^w} /vn-y/	vunyi
	Margi-South	* ^{y^w} /wvn-y/, * ^{ny^w} /wv-ga/	uv ^w unyi, uv ^w i ^ŋ gi
MANDARA	Glavda	* ^w /ɣ ^w vra/	ɣuvra
	Podoko	* ^w /wvara/	uvara
	Matal	*/aval/	aval
MOFU	Zulgo, Gemzek	* ^y /avar/	aver
	Mofu-Gudur	*/avan-k ^w / > */avaŋ ^w /	avaŋ ^w
	Moloko	* ^y /ɗavar/	ɗever

MAROUA	Giziga-Muturwa	<i>*/wv/ > */vw/</i>	<i>vu</i>
	Giziga-Marva	<i>*/av-w/, */avan-k^w/ > */avan/</i>	<i>avu, avonj</i>
LAMANG	Lamang	<i>*y^w/y^wvn-y/</i>	<i>yuvini</i>
	Hdi	<i>*/wvan-y/ > */vwan-y/</i>	<i>vواني</i>
HIGI	Kamwe-Nkafa	<i>*/v-ya/</i>	<i>vyə</i>
	Kamwe-Futu	<i>*^w/vna/</i>	<i>vəno</i>
KOTOKO-NORTH	Bana	<i>*/ʔv-y/ > */vʔ-y/</i>	<i>və'i</i>
	Afade	<i>*/RED-ʔfan/ > */fʔan-fʔan/</i>	<i>f'anfaʔn'</i>
	Mpade	<i>*^w/RED-fan/</i>	<i>fonfon</i>
	Malgbe	<i>*/RED-fan/</i>	<i>fanfan</i>
KOTOKO-CENTRAL	Mser	<i>*/wvan/</i>	<i>uvan</i>
MUSGUM	Muskum	<i>*y/va-t/</i>	<i>vet</i>
	Vulum	<i>*y/avan-k/ > */avan/, */m-yvan-k/ > */ŋ-van/</i>	<i>aveŋ, aŋveŋ</i>
Cheek		<i>*y^w(a)r(a)ma</i>	
SUKUR	Sukur	<i>*^w/y^wlm/</i>	<i>yulum</i>
HURZA	Vame	<i>*^w/lma/ > */mla/</i>	<i>mula</i>
	Mbuko	<i>*^w/m-x^wlam/</i>	<i>məhulom</i>
MANDARA	Glavda	<i>*^w/wm/</i>	<i>uum</i>
MOFU	Zulgo	<i>*^w/ma-xalm/</i>	<i>mahalum</i>
	Gemzek	<i>*^w/ma-xalam/</i>	<i>maholom</i>
	Merey	<i>*^w/ma-xalam/, */ma-xala-RED-m/</i>	<i>maholom, mahololom</i>
LAMANG	Lamang	<i>*/galam-y-k/ > */lagan/</i>	<i>lagen, legen</i>
HIGI	Kirya	<i>*^w/y^wlm/</i>	<i>yulum</i>
	Bana	<i>*/y^wlma/</i>	<i>y^wəlmə</i>
MUSGUM	Mbara	<i>*/gala-y/</i>	<i>galay</i>
GIDAR	Gidar	<i>*y/gal-y-n/</i>	<i>galiin</i>
Chicken		<i>*g^w(a)ts(a)k^w(a)ra</i>	
MAFA	Mafa	<i>*y/watsak/</i>	<i>watʃak</i>
SUKUR	Sukur	<i>*^w/tak^wr/</i>	<i>takur</i>
HURZA	Mbuko	<i>*/n-zkar/</i>	<i>nzəkar</i>
	Vame	<i>*/n-g^wzkar/ > */n-zg^wrak/</i>	<i>nzugurak</i>
MANDARA	Matal	<i>*/g^watsak/</i>	<i>g^watsak</i>
	Podoko	<i>*/wtska/</i>	<i>utsəka</i>
MOFU	Ouldeme	<i>*^w/wtskar/</i>	<i>wutskar</i>
	Dugwor	<i>*y^w/wtskar/</i>	<i>wutʃaker</i>
	Zulgo	<i>*ny/ma-dzk^wr/</i>	<i>məⁿdzik^wir</i>
	Gemzek, Merey	<i>*ny/ma-dzak^war/</i>	<i>məⁿdzek^wer, maⁿdzek^wer</i>

¹ Transcription error?

MAROUA	Moloko	* ^{ny} /a-dzakar/	<i>aⁿdzakar</i>
	Giziga-Marva	* ^y /ktskar/	<i>kətfikar</i>
	Mbazla	* ^{yw} /m-tsk ^w ar/	<i>mutfukor</i>
LAMANG	Lamang	* ^y /atak ^w ala/	<i>yatak^wala</i>
	Hdi	* ^y /atak ^w al/ > * ^y /atalak ^w /	<i>yatalak^w</i>
KOTOKO-SOUTH	Mazera	* ^y /tskra/,	<i>tfikre,</i>
		* ^y /tsakar/	<i>tfakar</i>
MUSGUM	Zina	* ^y /tsakara/	<i>tfakara</i>
	Muskum	* ^y /m-skr/	<i>miskir</i>

Child		*z(a)g^w(a)na	
BATA	Jimi	* ^y /zagn/	<i>zegən</i>
HURZA	Mbuko	* ^y /wan/	<i>wan</i>
MARGI	Bura	* ^w /zɪ/	<i>bzər</i>
MANDARA	Glavda	* ^y /za/,	<i>zə,</i>
		* ^y /zra/	<i>zra</i>
MOFU	Malgwa	* ^y /zga/ > * ^y /gza/	<i>əgza</i>
	Podoko	* ^y /dzwra/ > * ^y /wdzra/	<i>udzəra</i>
	Dghwede	* ^y /dzvra/ > * ^y /vdzra/	<i>vdzire</i>
	Ouldeme	* ^y /RED-zagn/ > * ^y /za-zan/	<i>zezerə</i>
MAROUA	Giziga-Marva	* ^y /zwn/	<i>zun</i>
	Giziga-Muturwa	* ^y /zg ^w n/ > * ^w /zn/	<i>zun</i>
	Mbazla	* ^y /zgn-y/ > * ^y /zn/,	<i>ziŋ,</i>
		* ^y /n-zl/	<i>nzil</i>
LAMANG	Lamang	* ^y /zw/ > * ^y /wz/,	<i>uz,</i>
		* ^y /zwan-ka/ > * ^y /wzaŋa/	<i>uzəŋa</i>
HIGI	Hdi	* ^y /zwan-k/ > * ^y /zwaŋ/	<i>zwaŋ</i>
	Bana	* ^y /zɣ ^w a/	<i>z(ə)ɣ^wə</i>
	Kamwe-Futu, Kamwe-Nkafa	* ^y /zg ^w -y/	<i>zəg^wi</i>
	Kirya	* ^y /zgwa/ > * ^y /zwga/	<i>zwəga</i>
	Psikye	* ^y /zgwa/ > * ^w /wzga/	<i>wuzəgə</i>

Claw, fingernail		*d(a)k(a)na	
MAFA	Cuvok	* ^y /rxan-y-k/ > * ^y /rxan/	<i>rəheŋ</i>
MAROUA	Mbazla	* ^y /dkn-y-k/ > * ^y /dkŋ/,	<i>dikiŋ,</i>
		* ^y /lkn-y-k/ > * ^y /lkŋ/	<i>likiŋ</i>
LAMANG	Lamang	* ^y /daxan-k/ > * ^y /daxan/	<i>dəhaŋ</i>
	Hdi	* ^y /daxn-k/ > * ^y /daxŋ/	<i>dəhəŋ</i>
KOTOKO-NORTH	Malgbe	* ^y /n-ʔkn-y/ > * ^y /n-kʔn/	<i>nk'in</i>
	Afəde, Mpade	* ^y /n-ʔkan/ > * ^y /n-kʔan/	<i>nk'an</i>
	Maltam	* ^y /n-gara/	<i>ḡgare</i>
KOTOKO-CENTRAL	Lagwan	* ^y /n-ʔkn-y/ > * ^y /n-kʔn-y/	<i>nk'ini</i>
	Mser	* ^y /n-ʔkr-y/ > * ^y /n-kʔr/	<i>nk'ir</i>
KOTOKO-SOUTH	Mazera	* ^{yw} /kara/,	<i>k^ware,</i>
		* ^y /x-kna/,	<i>hikine,</i>
		* ^y /xa-kana/	<i>hakane</i>

Cold, to be		<i>*t(a)la</i>	
MAFA	Mafa	<i>*/m-tal/</i>	<i>matal</i>
	Cuvok	<i>*/ma-tala/</i>	<i>matala</i>
MARGI	Bura	<i>*/m-tal-y/</i> , <i>*/m-tala-kw/</i>	<i>mtali</i> , <i>mtalaku</i>
MANDARA	Podoko	<i>*/m-tala/</i>	<i>matala</i>
	Dghwede	<i>*/n-dala/</i>	<i>"dala</i>
MOFU	Merey	<i>*/tala/</i> , <i>*/m-tal/</i>	<i>tala</i> , <i>matal</i>
	Gemzek	<i>*/m-tal/</i>	<i>matal</i>
	Moloko	<i>*/n-dala-y/</i>	<i>"dalay</i>
	Giziga-Marva	<i>*/m-tala-y-k^w-n/</i> > <i>*y^w/m-talan/</i>	<i>mutelan</i>
LAMANG	Lamang, Hdi	<i>*/m-tal(a)/</i>	<i>mtala</i> , <i>matal</i>
HIGI	Bana	<i>*/tal-y/</i>	<i>tali</i>
KOTOKO-CENTRAL	Lagwan	<i>*y/tala/</i>	<i>tali</i>
Compound, house		<i>*ɣ(a)ya</i>	
BATA	Sharwa	<i>*/xaya/</i>	<i>hayə</i>
DABA	Buwal, Mbudum	<i>*y/ga/</i>	<i>ge</i>
MAFA	Mafa	<i>*/gay/</i>	<i>gay</i>
SUKUR	Sukur	<i>*/ɣy/</i>	<i>ɣi</i> , <i>ɣəi</i>
HURZA	Mbuko	<i>*/ga/</i>	<i>(a)ga</i>
MANDARA	Mandara, Glavda	<i>*/xa/</i>	<i>xa</i>
	Podoko	<i>*/kaya/</i>	<i>kaya</i>
MOFU	Matal	<i>*/gay/</i>	<i>gay</i>
	Ouldeme	<i>*/ɣay/</i>	<i>ɣay</i>
	Moloko	<i>*/xay/</i>	<i>hay</i>
	Muyang	<i>*/a-xay/</i>	<i>ahay</i>
	Dugwor	<i>*/gay/</i>	<i>gay</i>
	Merey	<i>*/gay/</i> , <i>*/ga/</i>	<i>gay</i> , <i>gə</i>
	Mofu North	<i>*/ʔay/</i>	<i>ʔay</i>
	Mofu-Gudur	<i>*/way/</i>	<i>way</i>
MAROUA	Mbazla	<i>*/gay/</i>	<i>gai</i>
LAMANG	Lamang	<i>*/x-ga/</i> , <i>*/t-ɣa/</i>	<i>xga</i> , <i>tgha</i>
	Hdi	<i>*/x-ga/</i> , <i>*/dza-ɣa/</i>	<i>xga</i> , <i>dzagha</i>
	Psikye	<i>*y/ga/</i>	<i>ge</i>
HIGI	Bana	<i>*y/ɣy/</i>	<i>ɣyi</i>
	Kamwe-Futu	<i>*w/ɣ^wa/</i>	<i>ɣ^wo</i>
KOTOKO-NORTH	Malgbe	<i>*/xa/</i>	<i>ha</i>
	Afade, Mpade	<i>*w/xa/</i>	<i>ho</i>
KOTOKO-CENTRAL	Lagwan	<i>*/ɣaa/</i>	<i>ɣaa</i>
KOTOKO-SOUTH	Mazera	<i>*y/ɣa/</i>	<i>ɣe</i>

Cook, to		*da	
DABA	Buwal, Gavar	*/da/	<i>da</i>
	Daba	*/ta/	<i>ta</i>
	Mbudum	*/k-da/, * ^w /k-RED-da/	<i>kəda</i> , <i>kəduda</i>
SUKUR	Sukur	*/da/	<i>də</i>
HURZA	Mbuko	*/da/	<i>də</i>
MARGI	Margi, Kilba	*/ta/	<i>ta</i>
	Bura	*/ta/, */t-y/	<i>ta</i> , <i>ti</i>
MANDARA	Malgwa	*/da/	<i>gya</i>
	Podoko, Glavda	*/ta/	<i>ta</i>
	Matal	*/ma-ta-y/	<i>matay</i>
MOFU	Zulgo, Merey	*/da/	<i>da</i>
	Ouldeme,	*/d-y/	<i>di</i>
	Muyang		
	Moloko	*/y/da/	<i>de</i>
	Mofu-Gudur	*/t-/	<i>t-</i>
	Mofu North	*/y/ma-ta-y/	<i>metey</i>
	Dugwor	*/ma-da-y/	<i>maday</i>
	Gemzek, Mada	*/y/ma-da/	<i>mede</i>
	Giziga-Marva,	*/d-y/	<i>di</i>
MAROUA	Giziga-		
	Muturwa,		
	Mbazla		
LAMANG	Lamang	*/da/	<i>da</i>
HIGI	Kamwe-Nkafa,	*/ta/	<i>ta</i>
	Bana, Kirya		
	Psikye	*/y/ta-ka/	<i>take</i>
KOTOKO-NORTH	Mpade	*/da/	<i>da</i>
KOTOKO-SOUTH	Mazera	*/da-w/ > * ^w /wda/	<i>udo</i>
MUSGUM	Mulwi	*/d-y/	<i>di</i>
	Mbara	*/t-y/	<i>tii</i>
GIDAR	Gidar	*/y/da/	<i>ida</i>
Cough, to		*x^w(a)d(a)la	
MAFA	Mafa	*/w ^w la/	<i>wula</i>
TERA	Tera	*/k ^w la/	<i>kuḷa</i>
SUKUR	Sukur	*/raḷ-y/ > * ^y /ḷar/	<i>ḷyar</i>
HURZA	Mbuko	*/y/RED-ḷa(-x)/	<i>ḷəḷe(h)</i>
MARGI	Kilba	*/ʔw ^w la/	<i>ʔula</i>
	Bura	*/b ^w la/	<i>buḷa</i>
MANDARA	Podoko	*/k ^w la-xa/	<i>kuḷaha</i>
	Dghwede	*/w ^w ḷa-xa/	<i>wuḷaxa</i>
	Glavda	*/w ^w l-ga/	<i>wuḷga</i>
	Mandara	*/wxa/	<i>uhya</i>
	Malgwa	*/m-x ^w x ^y a/ > * ^y w/ḷ-xa/	<i>ḷihya</i>
	Matal	*/ma-bḷ-xa-y/	<i>mabəḷəh^way</i>

MOFU	Ouldeme	*/dla-y/	<i>dəlay</i>
	Muyang, Moloko	*/ɓla-y/	<i>bəlay</i>
	Gemzek	*/RED-ɬa-x/	<i>ɬəɬah</i>
	Merey	*/y/RED-ɬa-x/	<i>ɬəɬeh</i>
	Dugwor	*/RED-dɬa/ > */RED-ɬda/ > */ɬl-ɬa/	<i>ɬəlɛ</i>
MAROUA	Zulgo	*/aɬa-x/	<i>aɬah</i>
	Giziga-Muturwa	*/y/xrla/	<i>hirle</i>
	Giziga-Marva	*/y/rla/	<i>irle</i>
LAMANG	Lamang	*/wdla/ > */wldā/	<i>wuldā</i>
HIGI	Bana, Psikye	*/y/?la/	<i>'yila</i>
	Kamwe-Nkafa	*/y/?ala/	<i>'yala</i>
	Kamwe-Futu	*/tsala-y/ > */tsayla/	<i>tsaila</i>
KOTOKO-NORTH	Afade	*/dla/, */dla-w-n/	<i>dila,</i> <i>dilaun</i>
	Malgbe	*/dala/, */dala-w-n/	<i>dala,</i> <i>dalaun</i>
	Mpade	*/k ^w asa-n/	<i>k^wafan</i>
KOTOKO-CENTRAL	Mser	*/dasa/	<i>dasa</i>
	Lagwan	*/wla-w-n/	<i>ulawun</i>
KOTOKO-SOUTH	Zina	*/was-ya/	<i>wasya</i>
MUSGUM	Mulwi	*/x ^w l-y/, */x ^w al/	<i>huli,</i> <i>hol</i>
	Mbara	*/w ^w al/	<i>'ol</i>
GIDAR	Gidar	*/wrla/	<i>wərta</i>
Cow		*la	
BATA	Gude, Sharwa	*/la/	<i>la</i>
	Jimi	*/la-n/	<i>lan</i>
	Tsuvan	*/ɬa/	<i>ɬa</i>
DABA	Daba, Mazagway	*/ɬa/	<i>ɬa</i>
	Hidi		
MAFA	Cuvok	*/ɬa/	<i>ɬa</i>
	Mafa	*/y/ɬa/	<i>ɬe</i>
TERA	Tera	*/ɬa/, */y/ɬa/	<i>ɬa,</i> <i>ɬe</i>
SUKUR	Sukur	*/ɬa/	<i>ɬa</i>
HURZA	Mbuko	*/la/	<i>la</i>
	Vame	*/a-la/	<i>ala</i>
MARGI	Margi, Kilba, Margi-South	*/la/	<i>la</i>
	Bura	*/l-y/	<i>li</i>
MANDARA	Matal, Podoko, Glavda	*/la/	<i>la</i>
	Malgwa	*/a-la/	<i>əthla</i>
	Mandara	*/y/a-la/	<i>ela</i>

MOFU	Ouldeme, Moloko, Zulgo, Gemzek, Merey, Dugwor, Mofu North, Mofu-Gudur	*/la/	la
MAROUA	Giziga-Marva, Giziga- Mutturwa, Mbazla	*/la/	la
LAMANG	Lamang, Hdi	*/la/	la
HIGI	Kamwe-Futu, Kamwe-Nkafa, Bana, Psikye	*/la/	la
KOTOKO-ISLAND	Buduma	*/xa/	ha
KOTOKO-NORTH	Afade, Malgbe Mpade	*/la/ */sa/	la fa
KOTOKO-CENTRAL	Mser Lagwan	*/sa/ */n-la/	sa nla
KOTOKO-SOUTH	Mazera Zina	*/k-sa/ */a-sa/	kisa asa
MUSGUM	Vulum Mulwi Mbara	*/la-y/ */la/ */w-r-ɬa-y/	lay te wurɬay
GIDAR	Gidar	*/wa-l-ya/	waliya
Crocodile ₁		*k(a)d(a)ma ~ *k ^w (a)r(a)ma	
BATA	Gude Jimi	*/krma/ */krma-n/	kərəma kərəmən
MAFA	Cuvok Mafa	*/gdam/ */krdam/	gədam kərdam
SUKUR	Sukur	*/klm/ */ ^w klm/	kələm, kəlum
HURZA	Mbuko	*/gdam/	gədam
MARGI	Margi, Margi- South	*/xm/	həm
MANDARA	Kilba Matal Glavda	*/karam/ */k ^w dw/, */k ^w dw/ */krwa/, */kr/	karam k ^w ədəw, kudu kirwa, kir
MOFU	Malgwa	*/krwa/	kirwe
	Mandara	*/karwa/	kyerrue
	Zulgo	*/krm/	kərəm
	Gemzek, Mada Dugwor, Merey, Mofu North, Mofu-Gudur	*/kram/ */gdam/	kəram, akram gədam
	Moloko Muyang	*/kra ^m ba/ */kr ^m ba/	kəra ^m ba kur ^m bu

MAROUA	Giziga-Muturwa, Mbazla	*w/x ^w rm/	<i>hurum</i>
	Giziga-Marva	*w/x ^w ram/	<i>hurom</i>
LAMANG	Lamang, Hdi	*/kram/	<i>kəram</i>
HIGI	Kirya	*/xlma/	<i>hələmə</i>
	Kamwe-Nkafa	*/klm-y/	<i>kəłmi</i>
	Kamwe-Futu	*/klm-k-n/ > */klm-ŋg/	<i>kələmə^g</i>
	Bana	*/kl ^m ba/	<i>kələ^mbə</i>
MUSGUM	Mbara	*w/x ^w rm/	<i>hurum</i>
	Vulum	*w/x ^w arm/	<i>horum</i>
Crocodile ₂		*rga	
KOTOKO-ISLAND	Buduma	*y/lga/	<i>ligə</i>
KOTOKO-NORTH	Malgbe, Mpade	*y/lga/	<i>ligi</i>
	Afade	*y ^w /lga/	<i>ligo</i>
KOTOKO-CENTRAL	Lagwan	*y/m-dga/	<i>midige</i>
	Mser	*y/m-rga/	<i>mirge</i>
KOTOKO-SOUTH	Mazera	*y/lyā/	<i>liye</i>
Crow		*g^w(a)r(a)x(a)ka	
BATA	Bata	*y/galka/	<i>galike</i>
	Gude	*/yaaka/, */m-g ^w a?aka/	<i>yaaka, məg^wa'akə</i>
	Sharwa	*/k ^w aa/	<i>k^waa</i>
DABA	Gavar	*/m-grak/ > */ŋ-grak/	<i>ʔgrak</i>
	Daba	*/RED-m-grak/ > /ŋ-grak- ŋ-grak/	<i>ʔgaranʔgərak</i>
	Mbudum	*n/m-garxax/	<i>məŋgarhax</i>
MAFA	Cuvok	*n/ma-gawak/	<i>maⁿgawak</i>
TERA	Tera	*/k ^w ax/	<i>k^wax</i>
HURZA	Mbuko	*/m-gaxak/ > */ŋ-gaxak/	<i>ʔgahak</i>
MANDARA	Podoko	*/RED-xaka/	<i>həhaka</i>
	Glavda	*/RED-ɣarxa/ > */ɣa-ɣaxra/	<i>kaɣaxra</i>
MOFU	Moloko, Dugwor	*n/m-gaxak/	<i>məⁿgahak</i>
	Merey, Mofu North	*n/ma-gxak/	<i>maⁿgəhak</i>
	Mofu-Gudur	*n/ma-gaxak/	<i>maⁿgahak</i>
	Mada	*/m-gawak/ > */ŋ-gawak/	<i>ʔgawak</i>
	Gemzek	*/m-ga?ak/ > */ŋ-ga?ak/	<i>ʔga'ak</i>
	Zulgo	*/m-gaak/ > */ŋ-gaak/	<i>ʔgaak</i>
MAROUA	Giziga-Marva	*/ma-gaxak/	<i>məgahak</i>
	Giziga-Muturwa	*/ma-RED-gak/	<i>magaḡaḡ, magakgak</i>
KOTOKO-NORTH	Afade, Malgbe, Mpade	*y/xaga/	<i>hagi</i>
KOTOKO-CENTRAL	Mser	*/m-gaya-y/ > */ŋ-gaya/	<i>ʔgayi</i>
	Lagwan	*/m-yaka-y/ > */y/n-yaka/	<i>nyaki</i>
GIDAR	Gidar	*n/RED-graka/	<i>gaⁿgraka</i>

Cry, to		*ts(a)wa	
BATA	Bata, Gude	* ^w /tw/	<i>tuu</i>
	Sharwa	* ^w /twa/	<i>tuwə</i>
MARGI	Bura	* ^w /twa/, */twa/	<i>tuwa,</i> <i>tua</i>
	Kilba, Margi-South	* ^y /tw-y/	<i>tiwi</i>
	Margi	*/t-y/	<i>ti</i>
MANDARA	Mandara	* ^y /twa/	<i>k^ɔua</i>
	Malgwa	* ^{yw} /twa/	<i>k^ɔuwa</i>
	Glavda	* ^w /tw-ga/	<i>tu:ga</i>
	Matal	* ^y /ma-twa-y/	<i>matəway</i>
	Podoko	*/tawa/	<i>tawa</i>
MOFU	Mofu-Gudur	* ^w /tw/	<i>təw</i>
	Merey, Zulgo	* ^w /twa/	<i>tuwa</i>
	Ouldeme	* ^w /twa/	<i>tuwo</i>
	Moloko	* ^y /twa/	<i>təwe</i>
	Muyang	* ^w /tw-y/	<i>təwi</i>
	Dugwor	* ^w /ma-twa-y/	<i>matəway</i>
	Gemzek	* ^{yw} /ma-twa/	<i>metuwe</i>
	Giziga-Marva	* ^w /twa/, */twa-y/	<i>tuwa,</i> <i>tuway</i>
LAMANG	Mbazla	* ^w /twa-y/	<i>tuway</i>
	Giziga-Muturwa	* ^w /tw-y/	<i>tuwuy</i>
	Lamang	*/tawa/	<i>tawa</i>
KOTOKO-ISLAND	Hdi	*/tawa-y/	<i>taway</i>
	Buduma	* ^y /tsw-y/	<i>ɬɬuy</i>
KOTOKO-NORTH	Afade	* ^y /tswa/	<i>tsiwe</i>
	Mpade	* ^y /swa/	<i>swe</i>
	Malgbe	* ^{yw} /swa/	<i>suwe</i>
KOTOKO-CENTRAL	Lagwan	* ^y /swa/	<i>siwe</i>
	Mser	* ^y /swa/	<i>swe</i>
KOTOKO-SOUTH MUSGUM	Zina	* ^{yw} /tsw-ya/	<i>ɬɬuwa</i>
	Mbara	* ^w /twa/	<i>tuwa</i>
	Mulwi	* ^w /tw-y/	<i>tuwi</i>
Cut, to		*la	
BATA	Gude, Sharwa	* ^y /la/	<i>la</i>
	Jimi	* ^y /la-n/	<i>lan</i>
	Tsuvan	* ^y /a-ɬa-k-n/	<i>aɬakən</i>
DABA	Buwal, Gavar, Daba	* ^y /ɬa/	<i>ɬa</i>
	Mbudum	* ^y /k-ɬa/, */ɬ-w/	<i>kəɬa,</i> <i>ɬu</i>
TERA	Tera	* ^y /ɬa/	<i>ɬa</i>
SUKUR	Sukur	* ^y /ɬa/	<i>ɬə</i>
HURZA	Mbuko	* ^y /la/	<i>la</i>
	Vame	* ^y /la-wa/	<i>lawə</i>

MARGI	Bura	*/la/	la
	Margi	*/la/	lə
	Kilba	*/la/, */la-w/	la, lau
MANDARA MOFU	Podoko	*/la/	la
	Mofu-Gudur	*/l/	l
	Muyang	*/la-y/	lay
	Ouldeme	*/l-y/	li
	Dugwor	*/ma-la-y/	ma ^h ay
	Mofu North	*/y/ma-la-y/	me ^h ey
	Zulgo	*/y/ʒa/	ʒe
MAROUA	Mbazla	*/l-y/	li
LAMANG	Lamang, Hdi	*/tsa/	tsa
HIGI	Bana, Kirya, Psikye, Kamwe-Futu	*/la/	la
KOTOKO-NORTH	Afade	*/sa-ʔ/ > */sa/, */sa-y-l-ʔ/ > */y/sal/	s'a, s'el
	Mpade	*/sa-ʔ/ > */sa/, */n-sa-ʔ/ > */n-sa/	s'a, ns'a
	Malgbe	*/sa-y-ʔw-n/ > */nyw/syawn/, */w/lawn/	s'inyawun, lawun
	Lagwan	*/w/sa-ʔw-n/ > */w/sawn/	s'awun
KOTOKO- CENTRAL	Mser	*/s-y-ʔa/ > */sya/	s'ia
MUSGUM	Mulwi	*/l-y/	li
	Mbara	*/y/l-y/	lii
Dance, to (spec.)		*y ^w (a)tsa	
BATA	Sharwa	*/wdz/	udz
	Gude	*/wdza/	udzə
	Jimi	*/wdz-n/	udzən
	Tsuvan	*/y/wdza-k-n/	wədzəkən
MAFA	Mafa	*/y/gatsa/	getʃe
SUKUR	Sukur	*/wdz/ > */dzw/, */RED-k ^w atsa/	dzu, k ^w atsak ^w atsa
MARGI	Kilba	*/wtsa/	utsa
MOFU	Mofu North	*/ma-ka-wasa-y/ > */y/ma-ka-sawa-y/	mekesewey
LAMANG	Lamang	*/RED-g ^w adza/ > */dzag ^w a-dzag ^w a/	dzag ^w adzag ^w a
HIGI	Bana	*/tsa/	tsə
	Kirya, Kamwe- Nkafa	*/tswa/	tswə
	Kamwe-Futu	*/w/tsa/	tso
	Psikye	*/w/ka-wtsa/	kawutsə
KOTOKO-ISLAND	Buduma	*/y/watsa/	watʃa

Deaf		*d(a)k(a) + (ɟ(a)ma)	
MAFA	Mafa	*/m-daka+ɟam/	<i>ˈdakaɟam</i> ,
		*/m-daɟa+ɟam/	<i>ˈdaɟaɟam</i>
HURZA	Cuvok	*/ma-daga+ɟam/	<i>madagaɟam</i>
	Mbuko	* ^{ny} /dg+ɟ/	<i>dɪˈgiɟ</i>
		* ⁿ /m-dga+ɟa-k/	<i>mədəˈgaɟak</i>
MANDARA	Matal	*/ma-daga+ɟam/	<i>madagaɟam</i>
MOFU	Merey	* ⁿ /ma-dk/	<i>maˈdək</i>
	Moloko	* ⁿ /ma-dg+ɟa/	<i>mədəˈgəɟa</i>
	Mofu-Gudur	*/dg+ɟam/	<i>dəgəɟam</i>
	Mofu North	* ⁿ /ma-dak/	<i>maˈdak</i>
	Dugwor	* ⁿ /ma-dak/	<i>maˈdak</i> ,
		* ^{ny} /m-dag+ɟa/	<i>mədəˈgəɟa</i>
	Gemzek	* ⁿ /ma-dak/	<i>maˈdak</i> ,
		* ⁿ /ma-daka+ɟam/	<i>maˈdakaɟam</i>
	Mofu-Gudur,	*/ma-daka+ɟam/	<i>madakaɟam</i>
	Mada		
MAROUA	Giziga-Muturwa	* ^y /dg+H/	<i>diɡiɪ</i> ,
		* ^y /m-dg+ɟa/	<i>midigiɟa</i>
LAMANG	Giziga-Marva	* ^y /m-dg+ɟa/	<i>mədiɡɟa</i>
	Lamang	*ma-ta-k ^w -n/ > * ^w /ma-ta-ŋ/	<i>matonɟ</i>
Die, to		*m(a)ta	
BATA	Sharwa	* ^y /mta/	<i>mitə</i>
	Jimi	*/mt-n/	<i>mətən</i>
DABA	Gavar	* ^y /mtsa/	<i>mtʃa</i>
	Daba	* ^y /mts/	<i>mətʃ</i>
	Mbudum	* ^y /k-mts/	<i>kəmətʃ</i>
	Buwal	* ^y /mats/	<i>matʃ</i>
MAFA	Mafa, Cuvok	*/mtsa/	<i>mətsa</i>
TERA	Tera	*/md/	<i>mət</i>
SUKUR	Sukur	*ms-k ^w / > */mk ^w s/ > */ŋws/	<i>ɲus</i>
HURZA	Vame	*/mtsa/	<i>mətsa</i>
	Mbuko	*/mats/	<i>mats</i>
MARGI	Bura	*/mta/	<i>mta</i>
MANDARA	Malgwa,	*/mtsa/	<i>mtsa</i>
MOFU	Dghwede		
	Podoko	* ^y /mtsa/	<i>mitʃe</i>
	Glavda	* ^y /mts-ga/	<i>imtsˈga</i>
	Matal	*/ma-mtsa-y/	<i>mamtʃay</i>
	Ouldeme, Merey,	*/mt/	<i>mət</i>
	Zulgo		
	Mada	*/ma-mta/	<i>mamta</i>
	Gemzek	* ^y /ma-mta/	<i>məmətə</i>
	Dugwor	*/ma-mta-y/	<i>məmtay</i>
	Mofu-Gudur	*/mts/	<i>məts</i> ,
		* ^y /ma-mtsa-y/	<i>məmətsey</i>
	Moloko	*/mat/	<i>mat</i>

MAROUA	Giziga-Muturwa,	*y ^w /mts/	<i>mutf</i>
	Giziga-Marva		
	Mbazla	*y ^w /mts/, *y ^w /mts-y/ > *y ^w /myts/	<i>mutf</i> , <i>mutf</i>
LAMANG	Lamang	*/mta/	<i>mta</i>
	Hdi	*/mta-y/	<i>mətay</i>
HIGI	Kamwe-Nkafa,	*/mta/	<i>mtə</i>
	Psikye		
	Bana	*/mt-y/	<i>m(ə)ti</i>
KOTOKO-ISLAND	Kamwe-Futu	*w/mta/	<i>mto</i>
	Buduma	*/mata/	<i>matə</i>
	Afade, Mpade	*y/mada/	<i>madi</i>
KOTOKO-NORTH	Malgbe	*/mad-y/	<i>madi</i>
	Lagwan	*y/mt-y/	<i>miti</i>
	Mser	*w/mata/	<i>mato</i>
MUSGUM	Vulum, Mulwi	*y/mr-y/	<i>miri</i>
	Mbara	*/mɔf-y-k-n/ > *y/mɔf-y-ŋ/	<i>mi'diŋ</i>
GIDAR	Gidar	*/mta/	<i>əmta</i> ,
		*w/mta/	<i>umta</i>
Dig (up), bury, to		*ra	
BATA	Bata. Gude	*/ra/	<i>ra</i>
	Jimi	*/ra-n/	<i>ran</i>
DABA	Buwal, Gavar	*/ra/	<i>ra</i>
	Mbudum	*/k-ra/	<i>kəra</i>
	Daba, Mazagway	*/la/	<i>la</i>
TERA	Hidi		
	Tera	*/ra/	<i>ra</i>
SUKUR	Sukur	*/ra/	<i>rə</i>
HURZA	Mbuko	*/la/	<i>la</i>
	Vame	*/ra-wa/	<i>rawa</i> ,
		*/ra/	<i>ra</i>
MARGI	Bura, Margi,	*/la/	<i>la</i>
	Kilba		
MANDARA	Matal	*/ma-la-y/	<i>malay</i>
	Podoko	*/la-xa/	<i>laha</i>
MOFU	Merey	*/la/	<i>la</i>
	Moloko	*/la-y/	<i>lay</i>
	Zulgo	*y/la/	<i>le</i>
	Ouldeme, Muyang	*/l-y/	<i>li</i>
	Gemzek, Mada	*y/ma-la/	<i>mele</i>
	Dugwor	*y/ma-l-y/	<i>maliy</i> ,
MAROUA		*/ma-la/	<i>mala</i>
	Giziga-Marva	*/l-y/	<i>li</i>

LAMANG	Lamang, Hdi	*/la/	<i>la</i>
HIGI	Kamwe-Futu	*/la-ka/	<i>lakə</i>
	Kamwe-Nkafa, Bana, Kirya, Psikye	*la	<i>la</i>
KOTOKO-ISLAND	Buduma	*la	<i>la</i>
Dog		*k(a)ra	
MAFA	Mafa	*/kda/	<i>kəda</i>
	Cuvok	*/gda/	<i>gəda</i>
SUKUR	Sukur	*/kra/	<i>kəra</i>
HURZA	Mbuko, Vame	*/kla/	<i>kəla</i>
MARGI	Bura	*/y/kla/	<i>kila</i>
MANDARA	Matal, Podoko	*/kda/	<i>kəda</i>
	Malgwa	*/kra/	<i>kəre</i>
	Mandara	*/y/kara/	<i>kere</i>
	Dghwede	*/gda/	<i>gde</i>
MOFU	Ouldeme,	*/kra/	<i>kəra</i>
	Muyang, Moloko, Zulgo, Gemzek, Dugwor		
	Mofu North, Mofu-Gudur	*/y/gda-y/	<i>gədey</i>
MAROUA	Giziga-Muturwa	*/y/kr-y/	<i>kiri</i>
	Giziga-Marva	*/y/kra/	<i>kre</i>
	Mbazla	*/y/kra/, */y/kra-ʔ/	<i>kire,</i> <i>krɛ'</i>
LAMANG	Lamang	*/y/kra/	<i>kəre</i>
	Hdi	*/y/kr-y/	<i>kəri</i>
HIGI	Kamwe-Nkafa	*/y/kla/	<i>kəlyə</i>
	Kamwe-Futu	*/y/kla/	<i>kəlye</i>
	Kirya	*/y/kr-y/	<i>kəri</i>
KOTOKO-ISLAND	Buduma	*/kl-y(a)/	<i>kəli(ə)</i>
KOTOKO-NORTH	Mpade	*/y/kla-w/	<i>kilew</i>
	Afade, Malgbe	*/y/gla-w/	<i>gilew</i>
KOTOKO-CENTRAL	Lagwan	*/y/kla/	<i>kile, kle</i>
	Mser	*/y/kla/	<i>kle</i>
GIDAR	Gidar	*/kra/	<i>kra, kəra</i>
Donkey ₁		*z(a)g^wa	
DABA	Mbudum	* ^{nw} /zag ^w a/	<i>zoⁿgo</i>
MAFA	Cuvok	* ⁿ /zag ^w a/	<i>zaⁿgwa</i>
SUKUR	Sukur	*/zg ^w a/, * ^{nw} /zg ^w a/	<i>zəg^wa,</i> <i>zuⁿg^wa</i>

HURZA	Mbuko	* ^{nw} /zg ^{wa} /	zu ^o go
	Vame	* ^{ny} /a-zg ^{wa} /	aziŋ ^{wa} a
MANDARA	Dghwede	* ^{nyw} /zg ^{wa} /	zu ^o g ^w e
	Podoko	* ^{ny} /zg ^{wa} /	ʒəŋ ^{wa} a
	Malgwa	* ^{nw} /zg ^{wa} /	əzuŋ ^{wa} a
	Glavda	* ^{nyw} /a-zg ^{wa} /, * ^{ny} /a-zga/	ayun ^{wa} a, ayīŋ
	Mandara	* ^{ny} /a-zag ^{wa} /	ezeŋ ^{wa} a
	Matal	* ^{ny} /zag ^w -w/	ʒaŋ ^w əw; zeŋəw, ʒaŋu, zeŋu
MOFU	Ouldeme	* ^{ny} /a-zg ^{wa} /	aziŋ ^{wa} a
	Gemzek, Dugwor	* ^{nw} /zg ^{wa} /	zu ^o go
	Merey, Mofu- Gudur	* ⁿ /zga-w/	zə ^o gaw
	Moloko	* ^{nw} /a-zag ^{wa} /	ozonŋo
	Muyang	* ^{nw} /a-zag ^w -w/	azo ^o gu
	Mofu North	* ⁿ /zaga-w/	zə ^o gaw
	Zulgo	* ^{nyw} /xa-zaga/	hez ^w eŋe
MAROUA	Giziga-Muturwa	* ^{nw} /zg ^w -w/	zu ^o g ^w u
	Giziga-Marva	* ^{nw} /zg ^{wa} /	zu ^o go
LAMANG	Lamang	* ^{nw} /zg ^{wa} /	zuŋa
Donkey ₂		*b(a)rdza	
BATA	Bata	* ^y /m-brsa/	^m birse
DABA	Buwal	* ^y /bardza-k-n/ > * ^y /bardza-ŋ/	berdʒeŋ
KOTOKO-NORTH	Afade	* ^w /bara/	boro
KOTOKO- CENTRAL	Lagwan	* ^w /m-br-y/	^m buri
KOTOKO-SOUTH	Mazera	* ^w /m-br-y/	^m buri
Donkey ₃		*k(a)w(a)ra	
BATA	Gude, Jimi, Sharwa	* ^y /kwara/	kwara
	Bata	* ^{yw} /kwara-a-ta/	kwaareeto
TERA	Tera	* ^w /kara/	koro
MARGI	Bura, Kilba, Margi-South	* ^y /kwara/	kwara
MAROUA	Giziga-Muturwa	* ^y /kawra/, * ^y /awra/	kawra, awra
HIGI	Kamwe-Nkafa, Kamwe-Futu, Kirya, Psikye	* ^y /kwara/	kwara
KOTOKO-NORTH	Malgbe	* ^w /gra/	gro
	Mpade	* ^w /kara/	koro
MUSGUM	Mbara	* ^{yw} /kra/	kuro
	Vulum	* ^{yw} /kra/	kure
	Muskum	* ^{yw} /kra-t/	kuret
GIDAR	Gidar	* ^w /kara/	koro

Dream		*s(a)x^w(a)na	
BATA	Gude	* _y /sna-y/	<i>sənii</i>
	Jimi	* _y /sn-y-n/	<i>sinin</i>
	Sharwa	* _y /sna-ʔa/	<i>finə ʔə</i>
	Bata	* _y /sr-y/	<i>firi</i>
DABA	Daba	* _y /sn-y/	<i>sini</i>
	Mbudum	* _y /RED-sn/	<i>səsin</i>
	Gavar	* _y /RED-sn-k/ > * _y /sq-sq/	<i>finfin</i>
	Buwal	* _y /RED-san-k/ > * _y /saŋ-saŋ/	<i>seŋseŋ</i>
MAFA	Mafa	* _{yw} /n-swna/	<i>nʃuwine</i>
	Cuvok	* _w /swana/	<i>suwana</i>
TERA	Tera	* _y /zna/	<i>zine</i>
HURZA	Mbuko	* _y /swna/	<i>sune</i>
MARGI	Bura	* _y /swn-y/	<i>sunī</i>
	Kilba	* _y /swn-y-ʔ/ > * _y /sʔwn-y/	<i>fi ʔuni</i>
MANDARA	Malgwa	* _y /sna/	<i>fine</i>
	Glavda	* _y /sn-ka/ > * _y /sq-ga/	<i>siŋga</i>
	Podoko	* _y /sx ^w ana/	<i>səh^wana</i>
	Mandara	* _y /sana/	<i>fene</i>
	Matal	* _y /ma-RED-saxna-y/ > * _y /ma-sa-sŋa-y/	<i>masasiŋay,</i> <i>maʃaʃiŋay</i>
MOFU	Zulgo	* _y /swna/	<i>sunā</i>
	Gemzek	* _{yw} /sna/	<i>sune</i>
	Merey	* _{yw} /ma-sna/	<i>masune</i>
	Dugwor	* _y /ma-sna/	<i>masne</i>
	Mofu North	* _y /ma-sna-y/	<i>mesəney</i>
MAROUA	Giziga-Marva	* _y /ma-sn/	<i>masin</i>
LAMANG	Hdi	* _y /swn-y/	<i>sunī</i>
	Lamang	* _w /swan-ka/ > * _w /swaŋa/	<i>suwaŋa</i>
HIGI	Kamwe-Futu	* _w /swa/	<i>səwo</i>
	Kirya (verb)	* _{yw} /swa/	<i>fiwu</i>
	Bana	* _y /sw/	<i>fiw</i>
	Kirya (noun)	* _y /sn/	<i>fin</i>
KOTOKO-NORTH	Mpade	* _y /swara/	<i>sware</i>
	Malgbe	* _y /yawara/	<i>yaware</i>
KOTOKO-CENTRAL	Lagwan	* _y /swana/	<i>swane</i>
	Mser	* _y /swara/	<i>sware</i>
MUSGUM	Mulwi	* _y /xwn-y/ > * _y /xyn-y/	<i>hiini</i>
GIDAR	Gidar	* _y /swana-y/ > * _y /ssyna/	<i>issine</i>
Drink, to		*sa	
BATA	Gude, Sharwa	* _y /sa/	<i>sa</i>
	Jimi	* _y /sa-n/	<i>san</i>
DABA	Buwal, Daba, Gavar, Mbudum	* _y /sa/	<i>sa</i>
MAFA	Mafa	* _y /sa/	<i>sə</i>
	Cuvok	* _y /sa/	<i>sa</i>

TERA	Tera	*/za/	za
SUKUR	Sukur	*/sa/	sə
HURZA	Mbuko	*/sa/	sa
	Vame	*/sa-wa/	sawa
MARGI	Margi, Kilba, Bura	*/sa/	sa
MANDARA	Podoko	*/sa/	sa
	Malgwa	*y/sa/	fa
	Matal	*/ma-sa-y/	masay
MOFU	Mofu-Gudur	*/s/	s
	Zulgo, Merey	*/sa/	sa
	Ouldeme	*/s-y/	si
	Moloko	*y/sa/	se
	Dugwor	*/ma-sa-y/	masay
	Gemzek	*y/ma-sa/	mese
	Mada	*y/ma-sa/	me/fe
	Mofu North	*y/ma-sa-y/	mese/
MAROUA	Giziga-Marva	*/s-y/	si
	Mbazla	*y/s-y/, *y/s-y-ʔ/	fi, sii'
LAMANG	Lamang	*/sa/	sa
	Hdi	*/sa/, */sa-y/	sa, say
HIGI	Kamwe-Nkafa, Bana, Kamwe-Futu, Kirya	*/sa/	sa
KOTOKO-ISLAND	Buduma	*/x-ya/, */y/x-y/	xia, xii
KOTOKO-NORTH	Mpade	*y/sa/	se
	Afade	*y/sa/, */y/sa-l/, */w/sa-w-n/	se, sel, saun
	Malgbe	*w/ya-w-n/	yawun
KOTOKO-CENTRAL	Mser	*y/sa/	se
	Lagwan	*w/sa-w-n/	sawun
KOTOKO-SOUTH	Zina	*/s-ya/	sya
MUSGUM	Vulum, Mulwi	*/s-y/	si
	Mbara	*y/s-y/	sii
GIDAR	Gidar	*w/w-sa/, */w-sa/	wusa, əsa
Drum ₁		*daŋa	
BATA	Gude	*/daŋa/	daŋa
	Jimi	*/daŋa-n/	daŋən
TERA	Tera	*/daŋ/	daŋg

SUKUR	Sukur	*/daŋ/	daŋ
MARGI	Bura	*/daŋ/	da ^ŋ g
	Kilba	*/daŋ/	daŋ
MANDARA	Podoko	* ^y /daŋ-w/, * ^y /daŋ ^w a/	deŋu, deŋ ^w e
LAMANG	Lamang	*/RED-da-w/	dewdew
	Hdi	*/RED-da-yw/	deghwdeghw
HIGI	Bana	*/daŋ/	daŋ
	Kamwe-Nkafa	*/daŋ-y-k/ > * ^y /daŋ-k-y/	da ^ŋ gyi
	Kamwe-Futu	*/daŋ-y-ka/ > * ^y /daŋ-ka/	dya ^ŋ ga
Drum ₂		*gaŋ ~ ga ^ŋ ga	
BATA	Gude, Sharwa	*/ga ^ŋ ga/	ga ^ŋ ga
DABA	Buwal	*/RED-gaŋ/ > */kaŋ-gaŋ/	ka ^ŋ gaŋ
MAFA	Mafa	*/ga ^ŋ ga/	ga ^ŋ ga
	Cuvok	*/RED-gaŋ/	ga ^ŋ gaŋ
TERA	Tera	*/RED-gaŋ/	guga ^ŋ g
HURZA	Mbuko	*/ga ^ŋ ga-n/	ga ^ŋ gan
	Vame	*/gaŋ-ka/	gaŋka
MARGI	Bura	*/ga ^ŋ ga/	ga ^ŋ ga
	Margi	*/ga ^ŋ ga/	ka ^ŋ ga
MANDARA	Mandara, Malgwa	*/ga ^ŋ ga/	ga ^ŋ ga
	Glavda	*/gaŋ/	gaŋ
	Podoko	*/gaŋ-ka/	gaŋəka
MOFU	Moloko	*/ga ^ŋ ga-n/	gə ^ŋ gan
	Muyang, Mofu North, Mofu-Gudur	*/RED-gaŋ/	ga ^ŋ gaŋ, gaŋ-
	Merey	*/RED-gaŋ/	ga ^ŋ gaŋ, gaŋaŋ
	Gemzek	*/RED-gaŋ/	gagaŋ, gaŋaŋ
MAROUA	Giziga-Marva	*/RED-gaŋ/	ga ^ŋ gaŋ
LAMANG	Lamang	*/ga ^ŋ ga/	ga ^ŋ ga
HIGI	Kamwe-Nkafa, Kamwe-Futu	*/ga ^ŋ ga/	ga ^ŋ ga
KOTOKO-ISLAND	Buduma	*/ga ^ŋ ga/	ga ^ŋ ga
KOTOKO-NORTH	Afade	*/ga ^ŋ ga-n/	ga ^ŋ gan
	Mpade	*/ga ^ŋ ga/	ka ^ŋ ga
KOTOKO-CENTRAL	Lagwan	*/ga ^ŋ ga/	ga ^ŋ ga
MUSGUM	Mbara	*/ga ^ŋ ga/	ga ^ŋ ga
GIDAR	Gidar	*/ga ^ŋ ga/	ga ^ŋ ga
Ear, name		*l(a)m(a)	
BATA	Gude	*/lma/	ləma
	Sharwa	*/lm-y/	limi
	Jimi	*/lm-n/	limən
	Tsuvan	*/lɜma/	lɜme

DABA	Gavar, Mbudum	*/ɬm/	ɬəm
	Mazagway Hidi	*y/ɬm-y/	ɬimi
	Daba	*y/ɬm-y-ʔ/	ɬimi'
	Buwal	*/ɬam/	ɬam
MAFA	Mafa	*/m ⁿ -ɬba-d/ > */ɬ ^m ba-d/, */m ⁿ -ɬba-d/ > */n-ɬ ^m ba-d/	ɬə ^m bad 'ear', nɬə ^m bad 'name'
TERA	Cuvok	*/ɬma-y/	ɬəmay 'ear'
	Tera	*/ɬm/ > *y/ɬm/	ɬəm, ɬim
SUKUR	Sukur	*/ɬma-y/	ɬəmay 'ear'
HURZA	Mbukio	*/ɬma-y/	ɬəmay
MARGI	Vame	*/ɬma-y/	ɬəmay 'ear'
	Bura	*y/ɬm/	ɬim
	Margi	*y/ɬm-y/	ɬimi 'ear'
	Margi-South	*y/xm-y/	ɬimi 'ear'
MANDARA	Kilba	*y/xm-y/, */ɬm/	ɬyimi 'ear', ɬəm 'name'
	Matal	*/ɬm/	ɬəm
	Podoko	*/ɬma/	ɬəma 'ear'
	Malgwa	*y/x ^y ma/	ɬyima 'ear'
	Dghwede	*y/ɬma/	ɬəme
	Glavda	*y/ɬm-ya/, */ɬm-y/	ɬimya, ɬimi 'ear'
MOFU	Mandara	*/x ^y ama/	ɬyama 'ear'
	Zulgo, Merey	*/ɬm/	ɬəm 'ear'
	Muyang	*y/ɬm-y/	ɬimi
	Mada	*y/ɬma/	ɬme
	Moloko	*/ɬma-y/	ɬəmay
	Ouldeme, Mofu North, Mofu- Gudur	*/ɬma-y/	ɬəmay 'ear'
MAROUA	Dugwor, Gemzek	*/ɬam/	ɬam
	Giziga-Muturwa	*y/ɬm-y-d̪a/	ɬimid(i)
	Giziga-Marva	*y/ɬma-d̪/	ɬimed'
	Mbazla	*/ɬma-y/, */sma-ʔ/, */sma-y/	ɬəmay, ɬime' 'ear', səmai 'name'
LAMANG	Lamang	*/ɬma-n-k/ > */ɬma-ŋ/	ɬəmaŋ 'ear'
HIGI	Hdi	*/ɬm-n-k/ > */ɬm-ŋ/	ɬəmaŋ 'ear'
	Kirya	*/ɬm/	ɬəm
	Bana, Kamwe- Nkafa	*/ɬma/	ɬəmə 'ear'
KOTOKO-ISLAND	Kamwe-Futu	*y ^w /ɬma-k ^w -n/ > *y ^w /ɬma-ŋg/	ɬimo ^g 'ear'
	Buduma	*/xm-w/, */xm-wa/	həmu, həmuə 'ear'
KOTOKO-NORTH	Afade, Malgbe, Maltam	*y/ɬm/	ɬim
	Mpade	*y/sm-w/	ɬimu

KOTOKO-CENTRAL	Lagwan	*y/lm-y/	<i>limi</i>
	Mser	*y/sm/	<i>sim</i>
KOTOKO-SOUTH	Zina	*y/sm/	<i>səm</i> 'name'
	Mazera	*y/sma/	<i>sime</i>
MUSGUM	Mbara	*w/lma/, *y/lm/	<i>lumo</i> 'ear', <i>lim</i> 'name'
GIDAR	Gidar	*/lma/	<i>ləma</i> 'ear'
Earth		*x ^w (a)yda	
DABA	Buwal, Gavar, Mbudum	*/xaya-k/	<i>hayak</i>
MAFA	Cuvok	*/wya-k/	<i>uyak</i>
TERA	Tera	*/yay/	<i>yay</i>
SUKUR	Sukur	*/xadʔ/	<i>hadʔ</i>
HURZA	Mbuko	*/wy-ga/ > * ^w /yw-ga/	<i>yugo</i>
	Vame	*/xya-g/ > *y/xgay/	<i>higay</i>
MARGI	Bura	*/xy/	<i>hi</i>
	Kilba	*/xyʔ / > *xʔy/	<i>hə'i</i>
MANDARA	Dghwede	*/xaya/	<i>xaya</i>
	Mandara, Malgwa	*/RED-xa/	<i>haha</i>
MOFU	Zulgo	*/xdʔ/	<i>ahədʔ</i>
MAROUA	Mbazla	*/xay/	<i>hay</i>
LAMANG	Lamang	* ^w /xada/	<i>hodo</i>
	Hdi	*/xaydʔ-k/ > */xadʔy-k/	<i>hadik</i>
HIGI	Kamwe-Futu, Bana	*/xyda/	<i>hʔidi, xʔidi</i>
	Psikye	*/xydʔ / > */xdʔy/	<i>hədi</i>
MUSGUM	Mbara	*/xaya-xaya/ > */ya-xay/	<i>yahay</i>
Eat, to		*z(a)ma	
BATA	Bata	* ^w /sm/	<i>sum</i>
	Jimi	*/zm-n/	<i>zəmən</i>
DABA	Gavar	*/zm/	<i>zəm</i>
	Mbudum	* ^w /zm/	<i>zum</i>
	Buwal	*/zam/	<i>zam</i>
TERA	Tera	*/zm/, */zm-y/	<i>zəm,</i> <i>zəmi</i>
	Ga'anda	*/sm/	<i>səm</i>
MARGI	Kilba	*/sma/	<i>səma</i>
	Margi	*/sm/	<i>səm</i>
	Bura	*y/sm/	<i>sim</i>
MANDARA	Mandara, Malgwa	*/za/	<i>za</i>
	Glavda	*/z-ga/	<i>zʔga</i>
	Matal	*/ma-zwa-y/, * ^w /ma-zwa-y/	<i>mazəway,</i> <i>mazuway</i>
	Dghwede	* ^w /zwa/ > * ^w /wza/	<i>wuza</i>

MOFU	Zulgo, Mofu-Gudur	*/zm/	<i>zəm</i>
	Mada	*/ma-zma/	<i>mazma</i>
	Gemzek	*/y/ma-zma/	<i>mezəme</i>
	Mofu North	*/y/ma-zma-y/, */zam/	<i>mezəmey,</i> <i>zam</i>
MAROUA	Moloko	*/w/zam/	<i>zom</i>
	Giziga-Marva	*/w/zma/	<i>zuma</i>
	Mbazla	*/y/zm-y/, */y/zm-y-ʔ/	<i>zimi,</i> <i>zimi'</i>
LAMANG	Lamang, Hdi	*/za/	<i>za</i>
HIGI	Kamwe-Nkafa, Psikye, Bana	*/zma/	<i>zəmə</i>
	Kamwe-Futu	*/y ^w /zma/	<i>zimo</i>
KOTOKO-ISLAND	Buduma	*/xm/	<i>həm</i>
KOTOKO-NORTH	Afade, Mpade	*/y/sm/	<i>sim</i>
KOTOKO-CENTRAL	Lagwan	*/y/zm/, */y/zm-y/, */y ^w /zm-w-n/	<i>zim,</i> <i>zimi,</i> <i>zimwun</i>
	Mser	*/y/dzm/	<i>dzim</i>
KOTOKO-SOUTH	Zina	*/w/xma/	<i>huma</i>
MUSGUM	Mulwi	*/y/sm-y/	<i>simi</i>
	Mbara	*/w/zm/	<i>zum</i>
GIDAR	Gidar	*/zma-w/ > */wzma/, */zma/	<i>wəzəma,</i> <i>əzəma</i>
Egg		*d(a)l(a)ya	
BATA	Bata	*/y ^w /dlya-w/ > */y ^w /dwlə/	<i>dūule</i>
	Gude	*/aly-na/	<i>alinə</i>
	Jimi	*/aly-n/	<i>alin</i>
	Sharwa	*/aly/	<i>alli</i>
DABA	Mbudum	*/m-dly/ > */m-lyd'/	<i>mitid'</i>
	Gavar	*/m-ly/ > */n-ly/	<i>anli</i>
	Daba	*/y/n-ʔaʔy/ > */y/n-aʔyʔ/	<i>neʔi'</i>
	Buwal	*/y/n-aʔa/	<i>nele</i>
MAFA	Mafa	*/RED-lay/	<i>ʔalay</i>
	Cuvok	*/y/RED-lay/	<i>ʔeley</i>
SUKUR	Sukur	*/m ⁿ -ga-daʔay/ > */n ⁿ /daʔaʔay/ */m ⁿ -ka-daʔay/ > */n ⁿ /dakaʔay/	<i>daⁿgaʔai,</i> <i>ⁿdaʔaʔay</i>
HURZA	Mbuko	*/ʔay/	<i>ʔay</i>
	Vame	*/ʔay/	<i>ʔay</i>
MARGI	Margi	*/y/xya/	<i>ihyi</i>
	Kilba	*/y/RED-xya/	<i>hyihyi</i>
	Bura	*/RED-xy/	<i>hihi</i>

MANDARA	Podoko	*y/RED-lə/	<i>lile</i>
	Dghwede	*y/RED-lə/	<i>ləle</i>
	Matal	*y/RED-lay/	<i>ləlay</i>
	Glavda	*çy/, *y/çya/	<i>çi, çi.ya</i>
	Mandara, Malgwa	*ləya/	<i>ləya, thlaya</i>
MOFU	Merey, Gemzek	*y/dla/	<i>dəle</i>
	Muyang	*y/yla/	<i>eyli</i>
	Dugwor	*əlay/	<i>alay</i>
	Ouldeme	*y/RED-lay/	<i>ləlay</i>
	Zulgo	*y/RED-lə/	<i>tele</i>
	Mofu North, Mofu-Gudur	*y/RED-dəl/ > *y/lə-lad/	<i>teled'</i>
MAROUA	Giziga-Marva	*y/a-tal/	<i>atel</i>
	Giziga-Muturwa	*y/a-tal/, *y/tala/	<i>atel, etel, tel(e)</i>
LAMANG	Mbazla	*əlay/	<i>alay</i>
	Lamang	*y/RED-ly/	<i>lili</i>
HIGI	Hdi	*y/RED-ly-k/	<i>lilik</i>
	Kamwe-Futu	*y/yla/	<i>yəle</i>
KOTOKO-NORTH	Kamwe-Nkafa	*y/RED-lə/	<i>lilə</i>
	Bana	*y/RED-ly/	<i>lili</i>
	Kirya	*y/RED-ly/, *nw/kwa-t-ka/	<i>lili, kontəka</i>
	Malgbe	*y/n-lə/	<i>enli</i>
KOTOKO-CENTRAL	Afade	*y ^w /n-lə/	<i>ento</i>
	Mpade	*y ^w /n-sa/	<i>enfo</i>
KOTOKO-SOUTH	Lagwan	*y/n-lə/	<i>nli</i>
	Mser	*y/n-sa/	<i>ensi</i>
MUSGUM	Zina	*y/n-sy/	<i>nsi</i>
	Mbara	*y/m-k-ɬa/ > *y/ɲ-ɬa/	<i>ɲɬa</i>
	Vulum	*y/m-k-ɬya/ > *y/ɲ-ɬa/	<i>enɬe</i>
	Muskum	*y/ɬa-t/	<i>ɬet</i>
GIDAR	Gidar	*y/m-k-dəɬya/ > *ny/dəɬɬa/, *y/m-k-dəɬya/ > *ny/dəkla/	<i>dəⁿgɬe, deɲle</i>
Eight		*tɣ(a)sa	
BATA	Gude	*y/tysa/	<i>təɣsə</i>
	Jimi	*y/tys/	<i>təɣis</i>
SUKUR	Sukur	*y/tkz/	<i>təkəz</i>
MANDARA	Glavda	*y/tksa/	<i>tɬsa</i>
	Mandara	*y/tsa/	<i>tise</i>
LAMANG	Matal	*y/m-tgs/	<i>mtəgis, mtəgi'</i>
	Lamang, Hdi	*y/tɣasa/	<i>tɣas(a)</i>
HIGI	Kirya	*y/tɣs/	<i>təɣəs</i>
	Kamwe-Nkafa	*y/tksa/	<i>təkəse</i>
	Psikye	*y/dgsa/	<i>dəgəsə</i>
	Bana	*y/dɣsa/	<i>d(ə)ɣəsə</i>

Elephant ₁		*nva	
Kotoko-North	Afade	*/rf-y/	<i>arfi</i>
	Malgbe	*y/rfa/	<i>arfi</i>
	Mpade	*/rf-w/	<i>arfu</i>
	Lagwan	*y/nv-y/	<i>nivi</i>
	Mser	*/rv-y/	<i>arvi</i>
Elephant ₂		*g(a)w(a)na	
BATA	Jimi	*y ^w /dzwn-n/	<i>dzuunən</i>
	Gude	*y ^w /tsaana/	<i>tfoona</i>
TERA	Tera	*y ^w /dzwan/, *y ^w /zwan/	<i>dzuwan</i> , <i>zuwan</i>
	Ga'anda	*y ^w /tsxwana/	<i>tʃhuwena</i>
SUKUR	Sukur	*y ^w /dzwan/, *y/dzwan/	<i>dzuwan</i> , <i>dziwan</i>
MARGI	Margi	*y ^w /tswar/	<i>tʃuwar</i>
	Bura, Margi-South	*y/tswar/	<i>tʃiwar</i>
MANDARA	Glavda	*/gwna/	<i>guna</i>
	Malgwa	*y ^w /gwa/	<i>guwe</i>
	Mandara	*y/gwa/	<i>gue</i>
	Podoko	*y/x-gwana/ > *y/gwxana/	<i>g^wihana</i>
	Matal	*/gawan/	<i>gawan</i>
LAMANG	Lamang	*y/gwan-k/ > *y/gwan/	<i>giwan</i>
	Hdi	*y/ gwʔan/	<i>gwi^ʔyan</i>
HIGI	Kirya	*y ^w /tswna/	<i>tʃuuna</i>
	Bana	*y/tswa/	<i>tʃiwə</i>
	Kamwe-Nkafa, Kamwe-Futu	*y/x-tswa/ > *y/tsxwa/	<i>tʃhiwə</i>
KOTOKO-SOUTH	Zina	*/RED-gwa-y/ > */gwa-gw-y/	<i>g^wag^wi</i>
	Mazera	*y/RED-gwa/	<i>g^wag^we</i>
Elephant ₃		*b(a)ɣa	
BATA	Tsuvan	*/m-baɣa/	<i>^mbaɣa</i>
HURZA	Mbuko	*y/m-bla/	<i>^mbəle</i>
	Vame	*y/m-bala-RED-k/	<i>^mbelelek</i>
MOFU	Moloko	*y/m-bala-RED/	<i>^mbəlele</i>
	Ouldeme	*y/m-bla/	<i>^mbəle</i>
	Muyang	*y/m-bal-y/	<i>^mbeli</i>
Extinguish, to		*m(a)ta	
BATA	Jimi	*/mt-y-n/ > *y/myt-n/	<i>miitən</i>
DABA	Daba	*y/mts-y-ʔ-n/	<i>mitʃi^ʔn</i>
	Mbudum	*y ^w /k-mts/	<i>kəmutʃ</i>
MAFA	Cuvok	*/mtsa/	<i>mətsa</i>

HURZA	Vame	* ^{yw} /m-mdz-ya/	<i>mur^udziya</i>
MANDARA	Glavda	* ^y /mtsa/	<i>iml̥sa</i>
	Podoko	* ^y /matsa/	<i>metfe</i>
	Matal	* ^y /ma-mats-k-n/ > * ^y /ma-mats-ŋ/	<i>mamatsiŋ</i>
MOFU	Muyang	* ^y /mat/	<i>met</i>
	Ouldeme	* ^y /mata-k-n/ > * ^y /mata-ŋ/	<i>metet̥</i>
	Mofu North	* ^y /ma-mtsa-y/	<i>memtsey</i>
MAROUA	Giziga-Marva	* ^{yw} /mtsa/	<i>mutfa</i>
	Giziga-Muturwa	* ^{yw} /mts/	<i>mutf</i>
LAMANG	Hdi	* ^y /mta-y/	<i>mətay</i>
Eye ₁		* d(a)ya	
BATA	Bata	* ^w /dy-ta/	<i>dito</i>
	Sharwa	* ^y /dy/	<i>di</i>
	Tsuvan	* ^y /a-d-k-n/ > * ^y /a-d-ŋ/	<i>adəŋ</i>
DABA	Daba	* ^y /xra-ʔ/	<i>həraʔ</i>
	Mazagway Hidi	* ^y /rya/	<i>riya</i>
MAFA	Mafa	* ^y /day/	<i>day</i>
	Cuvok	* ^y /m-day/ > * ^y /n-day/	<i>ndey</i>
TERA	Tera	* ^y /yta/	<i>yitə, yiti</i>
HURZA	Mbuko	* ^y /d̥ya/ > * ^y /yd̥a/	<i>ide</i>
	Vame	* ^y /a-ray/	<i>aray</i>
MARGI	Margi, Kilba, Margi-South	* ^y /ly/	<i>li</i>
MANDARA	Matal	* ^y /dy/	<i>di, dəy</i>
	Podoko	* ^y /da/	<i>de</i>
	Dghwede	* ^y /n-da/	<i>ⁿde</i>
MOFU	Dugwor	* ^y /ra/	<i>re</i>
	Merey	* ^y /d̥ra/	<i>d̥əre</i>
	Mofu-Gudur	* ^y /day/	<i>dey</i>
	Muyang	* ^y /a-ry/	<i>eri</i>
	Zulgo	* ^y /a-ra/	<i>are</i>
	Mada, Gemzek	* ^y /a-ra/	<i>ere</i>
	Moloko	* ^y /a-la/	<i>ele</i>
	Ouldeme	* ^y /a-ray/	<i>aray</i>
MAROUA	Giziga-Marva	* ^y /ra/	<i>re</i>
	Mbazla	* ^y /ʔa-ray/	<i>ʔaray</i>
LAMANG	Lamang	* ^y /ly/	<i>ili</i>
	Hdi	* ^y /ry/	<i>iri</i>
KOTOKO-ISLAND	Buduma	* ^y /ly/ > * ^y /yl/	<i>yəl</i>
KOTOKO-SOUTH	Zina	* ^y /ry/	<i>iri</i>
	Mazera	* ^y /a-da/	<i>ade</i>
MUSGUM	Mbara	* ^y /raa/	<i>ree</i>
	Vulum	* ^y /a-ray/	<i>aray</i>
GIDAR	Gidar	* ^y /xara/	<i>hara</i>

Eye ₂		*y(a)tsa	
BATA	Jimi	*y/dz-n/	dʒən
DABA	Mbudum, Buwal	*y/n-dza/	ⁿ dʒe
	Gavar	*y/n-dza/	ⁿ dʒa
SUKUR	Sukur	*y/s/	is,
		*y/ʔs/	^ʔ is
MARGI	Bura	*y/n-tsa/	ntʃa
MANDARA	Mandara	*y/ytsa/	itʃa
	Malgwa	*y/ytsa/	itʃe
	Glavda	*y/dz/	dʒ
HIGI	Bana	*y/m-tsa/	m(ə)tsə
	Kamwe-Nkafa	*y/m-tsa/ > *y/n-tsa/	ntsə
	Kamwe-Futu	*y/m-yts/ > *y/n-tsy/	ntsi
	Kirya	*y/m-yts/ > *y/n-tsy/	ntʃi
	Psikye	*y/m-yts/ > *y/n-sy/	ntʃi
	Afade	*y/tsa/	tsi
KOTOKO-NORTH	Mpade, Malgbe,	*y/sa/	si
	Maltam		
KOTOKO-CENTRAL	Lagwan, Mser	*y/sa/	si

Face		*k ^w (a)ma	
BATA	Gude	*w/k ^w n-wa/	kunwa
SUKUR	Sukur	*y/kma/	kəma
MARGI	Bura	*w/k ^w ma/	kuma
LAMANG	Lamang, Hdi	*y/kma/	kəma
HIGI	Kamwe-Nkafa,	*y/kma/	kəma
	Kamwe-Futu,		
	Psikye		

Faeces ₁		*y ^w va	
BATA	Jimi	*y/wv-y-n/ > *y/vw-y-n/	v ^w in
	Sharwa	*y/wva-y/ > *y/vwa-y/	v ^w ay
DABA	Buwal, Gavar,	*y/m-y ^w va/ > *y/ŋ-vva/	ŋva
	Mbudum		
TERA	Tera	*y/m-g-y-n/ > *y/ŋ-g-y-n/	ŋgin
SUKUR	Sukur	*y/wv/ > *y/vw/	vu
MARGI	Bura	*y/kv-y/	kivi, tʃivi
	Kilba	*y/b-y/	ibi
MANDARA	Glavda	*w/gva/	guva
	Mandara,	*y ^w /gva/	ugve
	Malgwa		
LAMANG	Dghwede	*y/gva/	gəve
	Lamang, Hdi	*w/y ^w v-y/	yuvi
HIGI	Kamwe-Nkafa	*y/gwa/	gywə
	Kamwe-Futu	*y/ywa/ > *y/wya/	wyə
	Kirya	*y/wv-y/ > *y/vw-y/	v ^w i

KOTOKO-ISLAND	Buduma	*/m-g ^w a/ > * ^{nw} /n-g ^w a/	<i>nu^ugu</i>
KOTOKO-NORTH	Afade	* ^{yw} /m-ḡa/	<i>embo</i>
	Malgbe	* ^y /m-gba/	<i>emgbi</i>
	Mpade	*/m-g ^w a-y/ > * ^{yw} /ŋ-g ^w a/	<i>e^ugu</i>
KOTOKO-CENTRAL	Lagwan	*/m-g ^w a/ > * ^w /ŋ-g ^w a/	<i>^ugu</i>
	Mser	*/m-g ^w a-y/ > * ^{yw} /ŋ-ga/	<i>e^ugo</i>
KOTOKO-SOUTH	Mazera	* ^w /d-ɣ ^w -n/	<i>duyun</i>
Faeces ₂		*za	
MAFA	Mafa, Cuvok	*/za-y/	<i>zay</i>
HURZA	Mbuko, Vame	*/a-za-y/	<i>azay</i>
MANDARA	Matal	*/za-y/	<i>zay</i>
MOFU	Zulgo, Gemzek	*/za/	<i>za</i>
	Mada	*/za/, */a-za/	<i>za, aza</i>
	Muyang, Moloko	*/a-za-y/	<i>azay</i>
	Ouldeme, Merey, Dugwor, Mofu North, Mofu-Gudur	*/za-y/	<i>zay</i>
MAROUA	Giziga-Muturwa, Giziga-Marva, Mbazla	*/za-y/	<i>zay</i>
Fear (, to)		*ɭ(a)w(a)na	
MAFA	Mafa	*/ɭaw/	<i>ɭaw</i>
HURZA	Vame	* ^w /ɭn-g ^w -tsa/, * ^w /ɭn-g ^w a-ts/	<i>ɭa^ugutsa, ɭung^wats</i>
	Mbuko	*/ɭawan/	<i>ɭawan</i>
MANDARA	Podoko	* ^y /RED-ɭwa/	<i>ɭiɭəwe</i>
MOFU	Ouldeme	*/ɭn-ka-ts/ > */ɭŋa-ts/	<i>ɭəŋats</i>
	Mofu-Gudur	*/ɭwr/	<i>ɭur</i>
	Mofu North	* ^y /ma-ɭwra-y/	<i>meɭurey</i>
	Merey, Dugwor	* ^{yw} /ɭwar/	<i>ɭuwer</i>
	Moloko	*/ɭaw/	<i>ɭaw</i>
	Mada	*/ma-ɭawa/, */ma-ɭawal/	<i>maɭawa, maɭawal</i>
MAROUA	Giziga-Muturwa	* ^w /ɭwn/	<i>ɭuwun</i>
	Giziga-Marva	* ^w /ɭwan/	<i>ɭuwan</i>
	Mbazla	*/ɭaw/	<i>ɭaw</i>
LAMANG	Lamang	* ^{yw} /ɭwn-y/, */ɭwn-y-k/ > * ^{yw} /ɭwŋ/	<i>ɭuwini, ɭuwŋ</i>
	Hdi	*/ɭn-k/ > */ɭŋ/, */ɭna-y-k/ > */ɭnka-y/ > */ɭŋa-y/	<i>ɭəŋ, ɭəŋay</i>

Field ₁ , farmland		<i>*g^w(a)v(a)xa</i>	
BATA	Gude	<i>*/wva/ > */vwa/</i>	<i>v^wa</i>
HURZA	Mbuko	<i>*^w/g^wva/</i>	<i>guvo</i>
	Vame	<i>*^w/k^wva-k/</i>	<i>kuvak</i>
MARGI	Margi, Margi-South, Kilba	<i>*/fa/</i>	<i>fa</i>
MANDARA	Bura	<i>*/fa-kw/</i>	<i>faku</i>
	Mandara	<i>*y/fa/</i>	<i>fe</i>
	Malgwa	<i>*y/fa/</i> , <i>*y^w/k^wfa/</i>	<i>fe</i> , <i>ukfe</i>
	Matal	<i>*^w/g^wf/</i>	<i>g^wəf</i> , <i>guf</i>
	Glavda	<i>*y/gf/</i> , <i>*^w/g^wa/</i>	<i>gif</i> , <i>g^wu</i>
MOFU	Podoko	<i>*^w/vxa/</i>	<i>vəh^wa</i>
	Ouldeme	<i>*^w/avx/</i>	<i>avuhw</i>
	Mada	<i>*/wvax/</i>	<i>wvah</i>
	Moloko	<i>*/gvax/</i>	<i>gəvax</i>
	Zulgo, Gemzek, Merey	<i>*^w/g^wvax/</i>	<i>guvax</i>
MAROUA	Dugwor	<i>*^w/g^wva/</i>	<i>guva</i>
	Giziga-Muturwa, Giziga-Marva	<i>*^w/g^wva/</i>	<i>guva</i>
LAMANG	Lamang	<i>*/wvaxa/</i>	<i>uvaha</i>
	Hdi	<i>*/wvax/ > */vwax/</i>	<i>vwah</i>
HIGI	Kamwe-Nkafa	<i>*/wva/ > */vwa/</i>	<i>v^wə</i>
	Kirya	<i>*/n-wv-ka/ > */n-vw-ka/</i> , <i>*/n-v-ka/</i>	<i>nvəkə</i> , <i>nvəkə</i>
	Psikye	<i>*^w/wva/</i>	<i>wuvə</i>
	Bana	<i>*/vxa/</i>	<i>vəxə</i>
Field ₂ , bush, plot		<i>*ɣ^w(a)r(a)ya</i>	
BATA	Gude	<i>*/ra/</i>	<i>ra</i>
	Sharwa	<i>*/ra/</i>	<i>rə</i>
	Tsuvan	<i>*y/ala/</i>	<i>əle</i>
DABA	Buwal, Gavar	<i>*/la/</i>	<i>la</i>
	Mbudum, Daba	<i>*/lay/</i>	<i>lay</i>
MAFA	Cuvok	<i>*y/lay/</i>	<i>ley</i>
TERA	Tera	<i>*/gar/</i>	<i>gar</i>
SUKUR	Sukur	<i>*/ɣr/</i> , <i>*^w/ɣ^wr/</i>	<i>ɣər</i> , <i>ɣur</i>
	Muyang	<i>*y/gly/</i>	<i>gili</i>
MOFU	Mofu North, Mofu-Gudur	<i>*y/lay/</i>	<i>ley</i>
KOTOKO-NORTH	Afade, Mpade	<i>*/RED-la/</i>	<i>lala</i>
MUSGUM	Mbara	<i>*^w/wr/</i>	<i>wur</i>
GIDAR	Gidar	<i>*y^w/gwlya/</i>	<i>guliyo</i>

Fire		*x(a)k^wa	
BATA	Jimi	*/RED-g ^w -n/ > */g ^w -w-n/	<i>gun</i>
	Gude	*/RED-g ^w -na/ > */g ^w -w-na/	<i>gunə</i>
	Tsuvan	*/RED-k ^w a-y-l/ > */y ^w /g ^w -lk ^w a/	<i>gulk^we</i>
DABA	Sharwa	*/g ^w a-r/ > */rg ^w a/	<i>rug^wə</i>
	Daba	*/xk ^w a/ > */k ^w xa/	<i>kuhu</i>
	Buwal	*/xak ^w a-w/ > */k ^w axa-w/	<i>k^wah^waw</i>
	Mbudum	*/xaka-w/ > */kaxa-w/	<i>kahaw</i>
MAFA	Gavar	*/xak ^w -w > */k ^w ax-w/	<i>k^wahu</i>
	Mafa	*/va-g ^w a/	<i>vog^wa</i>
	Cuvok	*/RED-k ^w a-w/	<i>k^wak^waw</i>
SUKUR	Sukur	*/k ^w -w/	<i>ku</i>
HURZA	Mbukio	*/k ^w a/	<i>uko</i>
	Vame	*/ak ^w a/	<i>ak^wa</i>
MARGI	Bura, Margi, Margi-South	*/ɽ ^w a/	<i>u'u</i>
MOFU	Kilba	*/xɽ ^w a/	<i>hu'u</i>
	Ouldeme, Muyang	*/akw/	<i>aku</i>
	Zulgo, Dugwor	*/ak ^w a/	<i>ak^wa</i>
	Gemzek, Mercey	*/ak ^w a/	<i>ako</i>
	Moloko	*/ak ^w a/	<i>oko</i>
	Mofu-Gudur	*/awa-w/	<i>awaw</i>
	Mbazla	*/awa/	<i>awu</i>
MAROUA	Lamang	*/v-w/	<i>uvu</i>
HIGI	Hdi	*/v-w/	<i>vu</i>
	Psikye	*/g ^w a/	<i>g^wu</i>
	Kirya	*/ɣw/	<i>ɣu</i>
	Bana	*/ɣwa/	<i>ɣ^wə</i>
	Kamwe-Nkafa, Kamwe-Futu	*/ɣw-y/	<i>ɣ^wi</i>
KOTOKO-ISLAND	Buduma	*/aw/	<i>aw, aəw</i>
KOTOKO-NORTH	Malgbe	*/w/	<i>u</i>
	Afade	*/xw/	<i>hiw</i>
	Maltam	*/aw-y/ > */yaw/	<i>yau</i>
KOTOKO-CENTRAL	Mser	*/awa/	<i>awu</i>
KOTOKO-SOUTH	Mazera	*/ag ^w a/	<i>ago</i>
MUSGUM	Mbara	*/xw/	<i>huu</i>
	Muskum	*/akw/	<i>aku</i>
Fish		*k^w(a)r(a)f(a)ya	
BATA	Sharwa	*/y ^w /k ^w rfy/	<i>kuryəfi</i>
	Bata	*/y/k ^w rfya-ya/	<i>qərɣyee</i>
	Gude	*/xrfy-na/	<i>hərəɸinə</i>
	Jimi	*/xrf-n/	<i>hərɣəɸən</i>
	Tsuvan	*/wlfy-n/	<i>wulfin</i>

DABA	Gavar	*/m-klfy/ > * ^{ny} /klyf/	<i>ŋkilif</i>
	Mbudum	*/kl:fy/ > */kl:yf/	<i>kəl:if</i>
	Daba, Mazagway Hidi	*/klfy/ > * ^y /klyf/	<i>kilif</i>
MAFA	Mafa	* ^y /klaf/	<i>kilef</i>
	Cuvok	* ^y /klaf/	<i>kələf</i>
TERA	Tera	*/wrvya/ > * ^w /ywrva/	<i>yurvu</i>
SUKUR	Sukur	*/krfy/ > * ^y /kryf/	<i>kirif</i>
HURZA	Mbuko	* ^y /klaf/	<i>kələf</i>
MARGI	Bura	*/klfya/ > */kylfa/	<i>kilfa</i>
	Margi	* ^y /kfy/	<i>kyifi</i>
MANDARA	Matal	* ^y /klfy/	<i>kilfi, kilfəy</i>
	Glavda	* ^y /kl/, * ^y /kylfa/	<i>kil,</i> <i>kiilfa</i>
	Dghwede	* ^y /klfa/	<i>klfe</i>
	Podoko	* ^y /klfa/	<i>kiləfe</i>
	Malgwa	* ^y /klfa/	<i>kəfe</i>
	Mandara	* ^y /kalfə/	<i>kelfe</i>
	Ouldeme	*/klfy/ > */klyf/	<i>kəlif</i>
MOFU	Zulgo	* ^y /klfy/ > * ^y /klyf/	<i>kilif</i>
	Moloko, Gemzek, Merey, Dugwor, Mofu North	* ^y /klaf/	<i>kələf</i>
MAROUA	Giziga-Muturwa	*/klfy/ > */klyf/	<i>kilif</i>
	Mbazla	*/klfy/ > * ^y /klyf/, * ^y /klyv/	<i>kilif,</i> <i>kiliv</i>
	Giziga-Marva	* ^y /klaf/	<i>kilef</i>
LAMANG	Lamang	*/klpy/	<i>kəlpɪ</i>
	Hdi	* ^y /klpy/	<i>kəlipi</i>
HIGI	Kamwe-Futu, Psikye	*/klpa/	<i>kələpə</i>
	Bana	*/klpya/ > */klypa/, */krpy/	<i>k(ə)lipə,</i> <i>kərpi</i>
	Kirya	*/kɾpya > */kɾypa/, * ^y /krapa/	<i>kəɾipə,</i> <i>kərepə</i>
KOTOKO-SOUTH	Zina	*/xlfa/	<i>həlfə</i>
	Mazera	* ^y /klfa/	<i>kilfa</i>
MUSGUM	Vulum	*/xlfy/ > * ^y /xlyf/	<i>hilif</i>
GIDAR	Gidar	* ^y /klfy/	<i>kilfi</i>
Five₁ *x^wt(a)fa			
BATA	Bata	*/wtf/ > */twf/	<i>tuf</i>
	Gude	*/wtfa/ > */twfa/	<i>tufə</i>
	Sharwa	*/tf(-ka)/	<i>təf(kə)</i>
	Jimi	*/wtafa-y/ > * ^y /tafwa/	<i>tef^wə</i>

MARGI	Kilba	*/wtf/ > */tfw/	<i>təfu</i>
	Margi-South	*/wtf/ > */tfw/	<i>təfju</i>
	Bura	*/n-wtf/ > */w/n-tfw/	<i>ntufu</i>
LAMANG	Lamang	*/x ^w tafa/	<i>h^wtafa</i>
	Hdi	*/x ^w taf/	<i>hutaʃ</i>
HIGI	Bana	*/y/tsfa/	<i>ɪʃɪʃə</i>
	Kirya	*/y/n-tsfa/	<i>ntʃɪʃə</i>
	Kamwe-Nkafa	*/y/n-tswfa/	<i>ntʃufə</i>
	Kamwe-Futu	*/y/m-tswafa/	<i>mtʃwafə</i>
	Psikyē	*/y/m-tsafa/	<i>mtʃefə</i>
Five ₂		*l(a)ɖ(a)ma	
MAFA	Mafa, Cuvok	*/ʒam/	<i>ʒam</i>
SUKUR	Sukur	*/ʒam/	<i>ʒam</i>
MANDARA	Podoko	*/ʒama/	<i>ʒama</i>
	Glavda	*/ʒʔba/	<i>ʒʔba</i>
	Dghwede	*/ʒɓa/	<i>ʒɪp'e</i>
	Mandara	*/ʒaɓa/	<i>ɪʒebe</i>
	Malgwa	*/y/ʒɓa/	<i>iidhlabe</i>
	Matal	*/ʒw/	<i>əʒu, əʒəw</i>
MOFU	Gemzek, Zulgo	*/ʒm/	<i>ʒəm, əʒəm</i>
	Ouldeme, Muyang, Merey, Dugwor, Mofu North, Mofu- Gudur	*/ʒam/	<i>ʒam</i>
	Moloko	*/w/ʒam/	<i>ʒom</i>
	Mada	*/z-ʒam/, */a-z-ʒama/	<i>zʒam, azʒama</i>
MAROUA	Giziga-Muturwa	*/w/ʒm/	<i>ʒum</i>
	Giziga-Marva	*/w/ʒam/	<i>ʒom</i>
	Mbazla	*/ny/ʒdam/, */ldam-y-ʔw/ > */ldam-wʔ/	<i>ʒɪⁿdam, lidamu'</i>
KOTOKO-ISLAND	Buduma	*/xm-y-k/ > */xŋ-g-y/	<i>xiⁿgi</i>
KOTOKO-NORTH	Afade	*/ɪʔan-ts-y/	<i>ɪ'entsi</i>
	Mpade	*/y/san-s-y/	<i>fensi</i>
	Malgbe	*/y/lan-s-y/	<i>tensi</i>
KOTOKO-CENTRAL	Lagwan, Mser	*/y/sa-s-y/	<i>ʃeʃi</i>
MUSGUM	Vulum	*/y/ɪm/	<i>ɪim</i>
	Mbara	*/y/ɪʔm/ > */y/ʔɪm/	<i>'ilim</i>
GIDAR	Gidar	*/y/laʔ/	<i>te'</i>

Flour		*y^w(a)pa	
BATA	Gude	* ^w /m-p-na/	<i>əmpunə</i>
	Jimi	* ^w /p-n/	<i>pun</i>
	Sharwa	* ^w /pa/	<i>p^wə</i>
	Tsuvan	* ^{yw} /a-xpa/	<i>ahp^we</i>
DABA	Buwal, Gavar, Mbudum	* ^w /m-yfa/ > * ^w /ŋ-fa/	<i>ŋfa</i>
MAFA	Mafa	* ^w /gwfa/	<i>gufa</i>
	Cuvok	* ^w /kfa/	<i>kəfa</i>
SUKUR	Sukur	* ^w /wpa/ > * ^w /pwa/, * ^w /pawa/	<i>p^wa</i> , <i>powa</i>
HURZA	Vame	* ^w /m-xb-ga/ > * ⁿ /xb-ga/	<i>hə^mbəga</i>
MARGI	Margi-South	* ^w /wpa-w/	<i>upau</i>
	Kilba	* ^w /wpa/, * ^w /wp/	<i>up^wa</i> , <i>up</i>
	Margi	* ^w /m-wp/ > * ^w /m-pw/	<i>əmpu</i>
MANDARA	Bura	* ^w /m-wpa/ > * ^w /m-pwa/	<i>mp^wa</i>
	Matal	* ^w /xpa-w/ > * ^w /pxa-w/	<i>phaw</i>
	Podoko	* ^w /x ^w pa/ > * ^w /px ^w a/	<i>pəh^wa</i>
	Mandara	* ^y /k ^w pa/	<i>ukpe</i>
	Malgwa	* ^w /k ^w pa/	<i>ukpa</i>
	Glavda	* ^w /a-x/, * ^y /a-x ^w p-ya/	<i>ax</i> , <i>ax^wpiya</i>
MOFU	Moloko	* ^{nw} /xba/	<i>hə^mbo</i>
	Ouldeme	* ^{nw} /x ^w ba/	<i>hu^mbo</i>
	Muyang	* ^{nw} /x ^w ba/	<i>hu^mbu</i>
	Moloko	* ^{nw} /x ^w aba/	<i>ho^mbo</i>
	Mofu North, Mofu-Gudur	* ^w /xapa/	<i>hapa</i>
	Zulgo, Gemzek	* ^w /g ^w fa/	<i>gufa</i>
MAROUA	Merey	* ^w /g ^w fa/	<i>gufo</i>
	Giziga-Muturwa, Giziga-Marva	* ^w /xapa/	<i>hapa</i>
LAMANG	Lamang	* ^w /x ^w pa/	<i>h^wpo</i>
	Hdi	* ^w /x ^w pa/	<i>hupu</i>
HIGI	Kirya	* ^w /y ^w pa/	<i>yupə</i>
	Bana	* ^y /y ^w pa/	<i>y^wəpə</i>
GIDAR	Gidar	* ^w /gpa-y/ > * ^y /gypa/	<i>gɨpa</i>
Fly (noun)		*dz(a)k^w(a)da	
BATA	Bata	* ^{yw} /dzk ^w ta/	<i>dʒitto</i>
	Gude	* ^w /dzd/ > * ^y /dzy/	<i>dʒi</i>
	Jimi	* ^w /dzʔd-n/ > * ^y /dzʔy-n/	<i>dʒi'in</i>
	Sharwa	* ^w /dzʔd/ > * ^y /dzʔy/	<i>dʒi'i</i>
DABA	Gavar	* ^y /dzwd/	<i>dʒiwiɗ</i>
	Mbudum	* ^y /RED-dzwd/	<i>dʒidʒiwiɗ</i>
	Buwal	* ^y /RED-dzawad/	<i>dʒedʒəwɛɗ</i>
	Daba	* ^y /tsad-y/	<i>tʃedi</i>

MAFA	Mafa	* ^w /dzway/	<i>dzuway</i>
SUKUR	Sukur	* ^{yw} /dzwy/, * ^y /dzwy/	<i>dzuwi,</i> <i>dzui</i>
HURZA	Mbuko, Vame	* ^w /dzway/	<i>dzuway</i>
MARGI	Margi	* ^y /tsd̥-y/	<i>tʃid̥i</i>
	Kilba	* ^y /tsd̥-y/	<i>tʃəd̥i</i>
	Bura	* ^y /tsr-y/	<i>tʃiri</i>
MANDARA	Glavda	* ^y /m-dzw/, * ^y /n-dzway/	<i>ngu,</i> <i>ndzuya</i>
	Malgwa	* ^y /m-dzway-k-n/ > * ^y /n-dzway-ŋ/ > * ^y /n-dzŋwa/	<i>ndzəŋwa</i>
	Mandara	* ^y /m-dzaway-k-n/ > * ^y /n-dzawa-ŋ/ > * ^y /n-dzəŋwa/	<i>ndzəŋwa</i>
	Podoko	* ^y /m-dzway/ > * ^y /n-dzwa/	<i>ndzəwe</i>
	Matal	* ^y /zway/, * ^w /zway/	<i>zway, zəway,</i> <i>zuway</i>
MOFU	Muyang	* ^{yw} /a-zwy/	<i>ezɰwi</i>
	Ouldeme	* ^w /zway/	<i>zuway</i>
	Moloko	* ^y /dzway/	<i>dzəway</i>
	Zulgo	* ^y /dzwa/	<i>dziwe</i>
	Gemzek	* ^{yw} /dzwa/	<i>dzuwe</i>
	Merey, Mofu	* ^w /dzway/	<i>dzuway</i>
	North, Dugwor		
	Mofu-Gudur	* ^y /RED-dzaway/	<i>dʒadʒəway</i>
MAROUA	Giziga-Muturwa	* ^y /RED-dzwd̥(-y)/	<i>dʒidʒiwiɖ(i)</i>
	Giziga-Marva	* ^y /RED-dzwaɖ/	<i>dʒidʒiwiɖ</i>
LAMANG	Lamang	* ^y /zd̥-y/	<i>zid̥i</i>
	Hdi	* ^y /zdk ^w /	<i>zid̥ik^w</i>
HIGI	Kamwe-Futu	* ^y /zwy/	<i>ziwi</i>
	Bana	* ^y /zɓ(-y)/	<i>zib(i)</i>
	Kirya	* ^y /zaw/	<i>zew</i>
KOTOKO-ISLAND	Buduma	* ^y /xa-dzw/	<i>hadʒu</i>
KOTOKO-NORTH	Afade	* ^y /tswy/	<i>tsiwi</i>
	Maltam	* ^y /swʔ-y/ > * ^y /sʔw-y/	<i>s'iwi</i>
KOTOKO-CENTRAL	Lagwan	* ^y /zw/	<i>zu</i>
	Mser	* ^y /m-swʔ-y/ > * ^y /m-sʔw-y/	<i>ms'iwi</i>
KOTOKO-SOUTH	Zina	* ^y /RED-dzawy/ > * ^y /dza-dzwy/	<i>dʒadʒwi</i>
MUSGUM	Vulum	* ^w /a-dway/	<i>aduway</i>
	Mbara	* ^w /tway/	<i>tuway</i>
GIDAR	Gidar	* ^y /zkda/	<i>zikde</i>
Fly/jump, to		* v(a)ra	
BATA	Gude	* ^y /fr/	<i>fər</i>
SUKUR	Sukur	* ^w /var/	<i>vvar</i>
MARGI	Kilba	* ^y /fla/	<i>fəla</i>
	Bura	* ^y /fla/	<i>fila</i>
	Margi	* ^y /vl/	<i>vəl</i>

MANDARA	Matal	*/ma-vala-y/	<i>mavalay</i>
LAMANG	Lamang, Hdi	*/vala/	<i>vala</i>
KOTOKO-NORTH	Mpade	*y/fl/	<i>fil</i>
	Afade	*y/fl/, *y ^w /fl-n/	<i>fil,</i> <i>filun</i>
KOTOKO-CENTRAL	Malgbe	*y ^w /fl-w-n/	<i>filwun</i>
	Lagwan, Mser	*y/vl/	<i>vil</i>
KOTOKO-SOUTH	Zina	*y/vara/	<i>vera</i>
Foot, leg		*s(a)ra	
BATA	Gude	*/sda/	<i>səda</i>
	Tsuvan	*y/sda/	<i>səde</i>
	Sharwa	*y/sda/	<i>fidə</i>
	Jimi	*/sd-n/, *ny/sra-y-n/	<i>sədən,</i> <i>fəranən</i>
DABA	Buwal	*/RED-sala-y/	<i>sasalay</i>
MAFA	Mafa	*/sa-k/, *y/RED-sala-y/	<i>sak</i> ‘foot’, <i>sasalay,</i> <i>fəfelay</i> ‘leg’
TERA	Cuvok	*y/sa-k/	<i>sek</i> ‘foot’
	Tera	*/sara/	<i>sara</i>
HURZA	Vame	*/sla-y/	<i>səlay</i>
	Mbuko	*/sara-y/	<i>saray</i>
MARGI	Bura	*y/sl/	<i>sil</i>
	Margi, Kilba	*y/x-y/	<i>hyi</i>
MANDARA	Margi South	*/x-y/	<i>hi</i>
	Malgwa	*/sra/	<i>səra</i>
	Mandara	*y/sara/	<i>sera</i>
	Matal	*y/a-s-k/	<i>asik, afik</i>
	Dghwede	*y/s-ga/	<i>səge</i>
	Podoko	*y/s-ga/	<i>fige</i>
	Glavda	*y/s-ga/	<i>figa</i>
	Zulgo, Merey	*y/s-k/	<i>sik</i>
MOFU	Ouldeme,	*y/sa-k/	<i>sek</i>
	Gemzek,		
	Dugwor, Mofu		
	North		
	Mada	*y/sa-k/	<i>fek</i>
	Muyang, Moloko	*/a-sa-k/	<i>asak</i>
	Mofu-Gudur	*/sala-y/	<i>salay</i>
	Mbazla	*y/sr/	<i>sir</i>
MAROUA	Giziga-Marva	*/sar/	<i>sar</i>
	Giziga-Muturwa	*/RED-sala/	<i>sasala</i>
LAMANG	Lamang	*/sra/	<i>səra</i>
	Hdi	*/sla/	<i>səla</i>

HIGI	Kamwe-Futu	*y/sra/	<i>sira</i>
	Kamwe-Nkafa	*sra/	<i>səra</i>
	Kirya	*sra/	<i>səla</i>
	Psikye, Bana	*sda/	<i>səda</i>
KOTOKO-ISLAND	Buduma	*y/ts-w/	<i>tʃu</i>
KOTOKO-NORTH	Mpade	*y/n-sa/	<i>ensi,</i>
		*w/sal-ya/	<i>salio</i>
KOTOKO-CENTRAL	Afade	*y/n-ts-y/	<i>entsi</i>
	Lagwan	*y/a-sa/	<i>asi</i>
	Mser	*y/m-sʔ-ka/	<i>ms'iki</i>
Four		*f(a)da	
BATA	Gude	*w/a-n-fadā/	<i>ənʃʷada</i>
	Jimi	*w/fad/	<i>fʷad</i>
DABA	Buwal, Gavar, Mbudum	*k-n-fad/ > *ŋ-fad/	<i>ɲfad</i>
	Daba	*w/fad/	<i>fod</i>
MAFA	Mafa, Cuvok	*fād/	<i>fad</i>
TERA	Tera	*vad/	<i>vat</i>
	Ga'anda	*w/fadā/	<i>foda</i>
SUKUR	Sukur	*w/fad/	<i>fʷad</i>
HURZA	Mbuko	*w/fda/	<i>fudō</i>
	Vame	*w/fda-w/	<i>fudaw</i>
MARGI	Kilba	*w/fad-w/	<i>fʷadu</i>
	Margi South	*w/fad-w/	<i>fʷadu, fodu</i>
	Margi	*w/fadā/	<i>fodā</i>
	Bura	*w/n-far/	<i>ɲʃʷar</i>
MANDARA	Dghwede	*w/fda/	<i>fɪt'e</i>
	Matal	*w-fad/	<i>ufad</i>
	Glavda, Podoko	*w-fadā/	<i>ufadā</i>
	Malgwa	*y/w-fadā/	<i>ufade</i>
MOFU	Moloko	*w-fad/	<i>wəfad</i>
	Ouldeme,	*m-fad/	<i>məfad</i>
	Dugwor, Mofu-Gudur		
	Zulgo	*a-fad/	<i>əfad</i>
	Gemzek	*a-fad/,	<i>əfad,</i>
		*fad/	<i>fad</i>
MAROUA	Muyang, Merey, Mofu North	*fad/	<i>fad</i>
	Giziga-Muturwa, Giziga-Marva	*m-w-fad/	<i>mufad</i>
LAMANG	Mbazla	*w/ma-fat/	<i>mofot</i>
	Lamang	*w-fadā/	<i>ufadā</i>
	Hdi	*w/fad/	<i>fʷad</i>

HIGI	Bana	*/fad(a)/	<i>fad(ə)</i>
	Psikye	* ^w /w-faʔ/	<i>wufaʔ</i>
	Kamwe-Futu	* ^w /fada/	<i>f^uado</i>
	Kirya	* ^w /fada/, * ^w /far/	<i>f^uadə, f^uar</i>
KOTOKO-SOUTH MUSGUM	Kamwe-Nkafa	* ^w /fara/	<i>f^uarə</i>
	Zina	* ^w /fad-y/	<i>fodi</i>
	Vulum, Mbara	* ^w /pɔf-w/	<i>pudu, pu'du</i>
GIDAR	Muskum	* ^w /fɔf-y-w/ > * ^w /fwɔf-y/	<i>fuudi</i>
	Gidar	* ^w /pada/, * ^w /pada/	<i>podo, podo</i>
Fry, to		*s(a)w(a)ra	
BATA	Gude	*/sra/	<i>sərə</i>
DABA	Buwal, Gavar	*/m-sar/	<i>msar</i>
	Mbudum	*/m-sar/	<i>məsar</i>
MAFA	Cuvok	*/sala/	<i>sala</i>
TERA	Tera	*/zwr/	<i>zur</i>
SUKUR	Sukur	*/swra/	<i>sura</i>
HURZA	Mbuko	* ^{yw} /swla/	<i>suwle</i>
	Vame	*/sla/	<i>səla</i>
MARGI	Bura	*/swla/, */swl-ta/	<i>sula, sulta</i>
MANDARA	Kilba	*/sla/	<i>səla</i>
	Margi	*/sl/	<i>səl</i>
	Podoko	*/swla/	<i>sula</i>
	Malgwa	*/sla/	<i>səla</i>
	Mandara	* ^y /sala/	<i>sela</i>
MOFU	Glavda	* ^y /sl-ga/	<i>silga</i>
	Mofu-Gudur	*/sr/, */sl/	<i>sər, səl</i>
	Ouldeme	*/sla-y/	<i>səlay</i>
	Dugwor	* ^y /m-swla-y-na/	<i>masuleyna</i>
	Gemzek	*/sawla/	<i>sawla</i>
MAROUA	Merey	* ^w /sala/	<i>sola</i>
	Moloko	* ^w /sal/, * ^y /ma-sawla/	<i>sol, mesewle</i>
	Mada	*/ma-swala-ra-y/ > * ^y /ma-slawa-ra/ > * ^{yw} /ma-slaa-ra/	<i>moe/loeere</i>
	Muyang	*/sawala-y/	<i>sawalay</i>
	Giziga-Marva	*/swla/	<i>sula</i>
LAMANG	Giziga-Muturwa	*/RED-sw/	<i>susul</i>
	Lamang	*/swla/	<i>sula</i>
	Hdi	*/swla-y/	<i>sulay</i>

HIGI	Kamwe-Futu	*y ^w /sra/	<i>siro</i>
	Kamwe-Nkafa	*/sla/	<i>sələ</i>
	Kirya	*/sl/	<i>səl</i>
	Bana	*/sl-y/	<i>s(ə)li</i>
	Kamwe-Nkafa	*y/sala/	<i>sələ</i>
KOTOKO-NORTH	Mpade	*y/sl-ya/	<i>silya</i>
KOTOKO-SOUTH	Zina	*y/tsxa/	<i>tʃihya</i>
MUSGUM	Mbara	*y/RED-sal/	<i>sisal</i>
Get well/cure, to		*b(a)ra	
BATA	Gude	*m-b-y/	<i>ə^mbi</i>
		*y/m-b-y/	<i>^mbii</i>
DABA	Jimi	*m-bd-n/	<i>^mbədən</i>
	Gavar	*m-bl/	<i>^mbəl</i>
	Mbudum	*m-bl/, */k-m-bl/	<i>^mbəl, kə^mbəl</i>
HURZA	Vame	*m-bra/	<i>^mbəra</i>
	Mbuko	*m-bar/	<i>^mbar</i>
MOFU	Dugwor	*y/RED-m-bla-y/	<i>mə^mbəley</i>
	Mofu North	*y/RED-ma-bla-y/	<i>me^mbəley</i>
	Gemzek	*y/RED-ma-bla/, */m-bl/	<i>me^mbəle, ^mbəl</i>
	Merey, Zulgo, Mofu-Gudur	*m-bl/	<i>^mbəl</i>
	Mada	*y/RED-ma-bla-y-k-na/ > *y/ma-m-bla-ŋa/	<i>me^mbleŋa</i>
	Ouldeme	*m-bl/, */m-bala-y-k-n/ > *y/m-bala-ŋ/	<i>^mbəl, m^mbelen</i>
	Moloko	*m-bar/	<i>^mbar</i>
	Giziga-Muturwa	*m-bl-w/ > */m-bwl/	<i>^mbul</i>
MAROUA	Hdi	*m-ba/	<i>mba</i>
LAMANG			
GIDAR	Gidar	*y/m-bla/	<i>i^mbəla</i>
Girl (unmarried), daughter		*d(a)ma	
DABA	Daba	*y/ma-dm-y/	<i>medimi</i>
MAFA	Mafa	*dam/	<i>dam</i>
	Cuvok	*y/dam/	<i>dem</i>
SUKUR	Sukur	*dm/	<i>dəm</i>
MOFU	Zulgo, Gemzek	*dm/	<i>dəm</i>
	Merey, Dugwor, Mofu North, Mofu-Gudur	*y/dam/	<i>dem</i>

<i>Girl, young unmarried woman</i>		<i>*d(a)y(a)ra</i>	
DABA	Gavar	*/daxala-y/	<i>dahalay</i>
	Mbudum	*/dala-y/	<i>dalay</i>
MAFA	Cuvok	*/daxla/	<i>dahla</i>
SUKUR	Sukur	*/dgl-y/	<i>dəgəli</i>
HURZA	Vame	*y/dla/	<i>dile</i>
	Mbuko	*/dala-y/	<i>dalay</i>
MANDARA	Podoko	*/dxla/	<i>dəhəla</i>
	Mandara, Malgwa	*y/daala/	<i>gyaale</i>
MOFU	Gemzek	*/daxla/, */daxla-y/	<i>dahəla,</i> <i>dahəlay</i>
	Merey, Dugwor	*/daxla-y/	<i>dahəlay</i>
	Muyang	*/daxala-y/	<i>dahalay</i>
	Moloko	*/dala-y/	<i>dalay</i>
	Ouldeme	* ^{nw} /dagala-y/	<i>dəŋs^walay</i>
	Giziga-Muturwa	*y/dyl-y/	<i>diyli</i>
MAROUA	Giziga-Marva	*y/dl-y/	<i>dili</i>
LAMANG	Lamang	*y/dayala/	<i>dayele</i>
	Hdi	*/dayal-y/	<i>dayali</i>
HIGI	Kamwe-Nkafa	*y/dgl-ya/	<i>digəlyi, digilyi</i>
	Bana	*/dayala/	<i>dayala</i>
<i>Give, to</i>		<i>*va ~ v(a)ra</i>	
BATA	Gude	*/va/	<i>və</i>
	Jimi	*/v-n/	<i>vən</i>
	Sharwa	*y/va/	<i>vi</i>
	Tsuvan	*y/a-va-k-n/	<i>avekən</i>
DABA	Gavar, Mbudum, Daba	*/vl/	<i>vəl</i>
	Buwal	*/val/	<i>val</i>
MAFA	Mafa, Cuvok	*/va/	<i>va</i>
TERA	Tera	*/vr/	<i>vər</i>
HURZA	Vame	*/vra/	<i>vəra</i>
	Mbuko	*/var/	<i>var</i>
MANDARA	Podoko, Mandara, Malgwa	*/va/	<i>va</i>
	Matal	*/vla/, */ma-va-y/	<i>vəla,</i> <i>mavay</i>
MOFU	Glavda	*y/vl-ga/	<i>vilga</i>
	Ouldeme	*/vla-r/	<i>vəlar</i>
	Gemzek	*y/ma-vla/	<i>mevəle</i>
	Dugwor	*y/m-vla-y/	<i>məvəley</i>
	Zulgo	*/vl/	<i>vəl</i>
	Moloko	*/vr/, */val/	<i>vər,</i> <i>val</i>

MAROUA	Giziga-Marva	*w/vl/	vul
	Mbazla	*y/vl-y/, *y/vl-y-ʔ/	vili, vili'
LAMANG	Lamang, Hdi	*/vla/	vla
HIGI	Psikye	*/va/	və
KOTOKO-NORTH	Afade, Mpade	*/f-y/	fi
	Malgbe	*/f-y/, */fda/	fi, fidi
KOTOKO-CENTRAL	Lagwan	*w/va-w-n/	vawun
	Mser	*w/va/	vo
KOTOKO-SOUTH	Zina	*/vala/	vala
GIDAR	Gidar	*/a-va-ya/	əvaya
Give birth ₁ , to		*w(a)x(a)ya	
MAFA	Mafa	*/ya/	ya
	Cuvok	*/xaya/	haya
TERA	Tera	*/xa/	xa
SUKUR	Sukur	*/wy/ > */yy/, */wyxa/ > */yyxa/	yi, yiiha
HURZA	Vame	*/waxa/	wah(a)
	Mbuko	*/waxay/	wahay
MARGI	Bura	*/wya/ > */yya/	iya, yia
	Margi, Margi South, Kilba	*/ya/	ya
MANDARA	Podoko	*/xa/	ha
	Malgwa	*/ya/	ya
	Dghwede	*/wy-ga/ > */yy-ga/	yige
	Glavda	*/wy-ga/ > */yy-ga/, */RED-ya-na/	yiga, yayana
MOFU	Mofu-Gudur	*/y-/	y-
	Merey, Zulgo	*/wa/	wa
	Ouldeme	*/wy/	wi
	Moloko	*/wa/	we
	Gemzek	*/ma-wa/, */ma-wa/	mawa, mewe
	Mofu North	*/ma-ya-y/	meyey
	Dugwor	*/ma-way/	maway
MAROUA	Giziga-Marva	*/ya/, */wy/ > */yy/	ye, yi
	Mbadzla	*/wy/ > */yy/, */RED-way? > */RED-yay?	yi, yeyi'
LAMANG	Lamang	*/ya/	ya
	Hdi	*/RED-ya/	yay
HIGI	Kirya, Bana	*/ya/	ya
	Kamwe-Nkafa	*/ya/	yə
	Kamwe-Futu	*/ya-ka/, */ya-k-g ^w a/	yekə, yekəgwo

KOTOKO-ISLAND	Buduma	*w/wy/	wuy, wuəy
KOTOKO-NORTH	Afade, Mpade	*y/wa/, */wa-n/	we, wan
	Malgbe	*w/RED-w-n/	wawun
KOTOKO-CENTRAL	Mser	*y/wa/	we
	Lagwan	*y/wa-l/, *w/RED-w-n/	wel, wawun
KOTOKO-SOUTH	Zina	*y/wya/	wiya
MUSGUM	Mulwi	*w/wy/	wi
	Mbara	*y/wy/	wii
GIDAR	Gidar	*y/wy-na/, *w/RED-wa/	wiina, uwa, uuwa

Give birth₂, to***b(a)wa**

BATA	Sharwa	*m-bwa/	<i>mb^wə</i>
	Jimi	*pwa-k ^w a-n/ > */pwa-a-n/	<i>puaan</i>
	Gude	*w/pawa/, *w/paa/	<i>pawa,</i> <i>poo</i>
DABA	Gavar	*m-bw/	<i>^mbəw</i>
	Daba	*m-bw/	<i>^mbu</i>
	Mbudum	*k-m-bw/	<i>kə^mbu</i>
MUSGUM	Buwal	*m-baw/	<i>^mbaw</i>
	Mulwi	*pw-k-y/	<i>puki</i>
	Mbara	*pw-k/	<i>puk</i>

Goat

***(a)w(a)ka**

BATA	Gude	*/xwa/	<i>əh^wa</i>
	Sharwa	*/xwa/	<i>h^wə</i>
	Tsuvan	*y/axwa/	<i>ah^we</i>
DABA	Buwal, Gavar	*n-xwa/	<i>ŋh^wa</i>
MAFA	Mafa	*/ḡa-wk/ > */ḡa-kw/, *w/ḡa-kw/, *y/ḡa-kw-y/, */ḡa-kwa-y/	<i>ḡak^w,</i> <i>ḡok^w,</i> <i>ḡak^wiy,</i> <i>ḡak^way</i>
		*/dā-wk/ > */dā-kw/	<i>dak^w</i>
		*y/?-ywk/, *y/ywk-?/	<i>'iyuk, iyuk'</i>
		*/awak/	<i>awak</i>
SUKUR	Sukur	*/wk/ > */kw/	<i>ku</i>
HURZA	Mbuko, Vame	*/wk/ > */kw/, */wka/ > */kwa/	<i>ku,</i> <i>k^wa</i>
	Margi	*/wk/ > */kw-y/	<i>k^wi</i>
MARGI	Kilba	*/n-awa/	<i>nawa</i>
	Bura	*y/n-awa/	<i>nawe</i>
	Podoko	*y/n-aw-ma/	<i>nawime</i>
	Malgwa	*/awak/	<i>awak</i>
	Mandara	*/awag/ > */aag/, */d-wag/, */awaga/ > */aaga/	<i>aag,</i> <i>dwag,</i> <i>a.g^wa</i>
MANDARA	Matal		
	Glavda		

MOFU	Dugwor,	*/awak/	awak
	Ouldeme,		
	Moloko, Zulgo,		
MAROUA	Muyang,		
	Gemzek		
	Merey	*/wak/	wak
	Mofu-Gudur	*/d-awk/ > */d-akw/	dak ^w
	Mbazla	* ^w /ʔawa/, * ^w /awʔ/	'awu, awu'
LAMANG	Giziga-Muturwa	*/awʔ/ > */ʔaw/, */aw/	'aw, aw
	Giziga-Marva	*/aw/	aw
	Lamang	* ^w /aga/	ogo
HIGI	Hdi	*/wg/ > */gw/	gu
	Kamwe-Nkafa,	*/wka/ > */kwa/	k ^w ə
KOTOKO-CENTRAL	Bana, Psikye		
	Kirya	*/wk/ > */kw/	ku
KOTOKO-SOUTH MUSGUM	Mser	* ^w /n-ya/	nɣo
	Zina	*/awa/	awa
	Mbara	*/wa/	we
	Muskum	*/aw-y/ > */yaw/	yaw
GIDAR	Vulum	* ^y /ak-y/ > * ^y /yak/	yek
	Gidar	*/x-awa/	hawa
Grain, seed		*x ^w (a)r(a)fa	
BATA	Jimi	* ^w /x ^w rf-n/	hurəfən
MAFA	Cuvok	* ^y /x ^w alfa-y/	h ^w alfey
MARGI	Bura	* ^w /x ^w lfa/	h ^w ulfa, hulfu
MANDARA	Glavda	* ^w /x ^w l/, * ^w /x ^w lfa/	x ^w əl, xulfa
	Malgwa	* ^{wy} /x ^w lfa/	hulfe
	Dghwede	* ^{yw} /x ^w lf-dà/	xulfət'e
	Matal	*/RED-walf/ > */fa-falw/ > */fa-flw/	fafləw, faflu
	Podoko	*/xlpa/	hələpa
	Zulgo	* ^y /x ^w lfa/	h ^w ilfe
MOFU	Gemzek, Merey	* ^{wy} /x ^w lfa/	hulfe
	Moloko, Dugwor	* ^y /xlfa/	həlfe
	Mofu North	*/xlfa-w/	həlfaw
	Mofu-Gudur	* ^w /x ^w lfa-d/	hulfad
	Ouldeme	* ^y /xalafa/	helefe
	Mada	* ^{yw} /x ^w alfa/	hoelfe
	Giziga-Marva	* ^w /x ^w lfa/	hulfa
MAROUA	Lamang, Hdi	* ^w /x ^w lfa/	hulfa
LAMANG	Bana	* ^w /xwlfa/	x ^w əlfə
HIGI	Psikye	* ^w /xwlfa/ > */flxwa/	fələx ^w ə
	Kamwe-Futu	* ^w /x ^w lafa/	hulof ^w o
KOTOKO-NORTH	Mpade	* ^w /g ^w lfa-n/	gulfan

Grandfather		*dza	
BATA	Gude	*/RED-dza/	<i>dzədʒə</i>
	Jimi	*/RED-dz-n/	<i>dzədʒən</i>
	Sharwa	* ^y /RED-dza/	<i>dʒidʒə</i>
	Tsuvan	* ^y /RED-dza/	<i>dzədʒe</i>
DABA	Buwal	* ^y /RED-dza/	<i>dʒedʒe</i>
	Gavar	* ^y /RED-dza-y/	
		> * ^y /dza-dz-y/	<i>dʒedʒi</i>
SUKUR	Sukur	* ^y /RED-dza/	<i>dʒedʒe</i>
HURZA	Mbuko	* ^y /b-dza/	<i>bidʒe</i>
	Vame	* ^y /RED-dza-y/ > * ^y /tsa-dza/	<i>tʃedʒe</i>
MARGI	Margi, Margi	* ^y /RED-dz-y/	<i>tʃidʒi</i>
	South		
	Kilba	* ^y /RED-dza-y/ > * ^y /a-dz-y/	<i>adʒi</i>
MANDARA	Malgwa	* ^y /RED-da-y/ > * ^y /d-da/	<i>əggʏe</i>
	Mandara	* ^y /RED-da-y/, * ^y /d-daa-ya/	<i>əggʏe</i> , <i>eggʏaaye</i>
LAMANG	Lamang, Hdi	* ^y /RED-dz-y/	<i>dʒidʒi</i>
HIGI	Bana	* ^y /RED-dz-y/	<i>dʒidʒi</i>
Grass ₁ , grassland		*k^w(a)s(a)fa	
DABA	Gavar	*/m-ksaf/ > */ŋ-ksaf/	<i>ŋkəsaf</i>
	Buwal	* ^w /m-k ^w saf/ > * ^w /ŋ-k ^w saf/	<i>ŋkusaf</i>
	Mbudum	* ^w /m-g ^w saf/ > * ^w /ŋ-g ^w saf/	<i>ŋgusof</i>
MAFA	Cuvok	* ^w /k ^w saf/	<i>kusaf</i>
HURZA	Mbuko	*/saf/	<i>saf</i>
MANDARA	Matal	*/ksaf/	<i>ksaf, kəsaf</i>
MOFU	Gemzek, Merey	*/ksaf/	<i>kəsaf</i>
	Mofu North, Mofu-Gudur	* ^w /k ^w saf/	<i>kusaf</i>
LAMANG	Lamang	*/k ^w atsapa/	<i>k^watsapa</i>
HIGI	Bana	*/sfa/	<i>səfə</i>
	Kirya	* ^y /safa/	<i>fafa</i>
Grass ₂		*k^w(a)z(a)na	
BATA	Sharwa	* ^w /x ^w zna/	<i>huzənə</i>
	Tsuvan	* ^y ^w /x ^w zana/	<i>huzene</i>
	Gude	* ^w /k ^w zna/	<i>kuzənə</i>
	Jimi	* ^w /k ^w zn-n/	<i>k^wəzənən</i>
MAFA	Cuvok	*/kzan-y-k/ > * ^y /kzan/	<i>kəzən</i>
TERA	Tera	* ^w /wzn/	<i>wuzən</i>
HURZA	Mbuko	* ^y ^w /g ^w dzad/	<i>gudʒed</i>
MARGI	Bura	* ^w /k ^w sar/	<i>kusar</i>
	Margi	* ^w /sar/	<i>psar</i>
	Margi-South, Kilba	*/sar/	<i>sar</i>

MANDARA	Podoko	*w/k ^w zra/	<i>kuzəra</i>
	Mandara	*y ^w /k ^w zara/	<i>kuzare</i>
MOFU	Muyang	*y ^w /k ^w zr/	<i>kuzir</i>
	Zulgo	*y/k ^w zr/	<i>k^wizir</i>
	Ouldeme	*w/k ^w zar/	<i>kuzar</i>
	Gemzek	*y ^w /k ^w azar/	<i>kozer</i>
	Merey, Mofu	*y ^w /g ^w zar/	<i>guzer</i>
	North, Mofu-Gudur		
	Moloko	*y ^w /g ^w dzar/	<i>ag^wədzer</i>
MAROUA	Dugwor	*y ^w /g ^w dzad/	<i>gudzed</i>
	Giziga-Muturwa, Giziga-Marva	*gzn-y-k/ > *y/gzn/	<i>giziŋ</i>
	Mbazla	*gzn-y-k/ > *y/gzn/	<i>giziŋ</i>
LAMANG	Hdi	*w/k ^w zn-k/ > *w/k ^w zn/	<i>kuzuŋ</i>
	Lamang	*w/k ^w zam/	<i>kuzam</i>
HIGI	Psikye	*g ^w əza/, *w/g ^w əza/	<i>g^wəzə,</i> <i>g^wəzu, guzu</i>
	Bana	*g ^w zn/	<i>g^w(ə)zən</i>
	Kirya	*wsn/ > *swn/	<i>swən</i>
Grasshopper		*x^w(a)y(a)k^wa	
BATA	Gude	*y/ywa/	<i>ayiwa</i>
	Bata	*x ^w ayawa/ > *y/x ^w aawa/	<i>qaawe</i>
DABA	Daba	*waypʔ/	<i>wayəpʔ</i>
	Buwal, Gavar, Mbudum	*wayak/	<i>wayak</i>
MAFA	Cuvok	*yakw/	<i>yakw</i>
MARGI	Bura	*w/xawa/	<i>hauwa</i>
	Kilba	*xayʔa/ > *y/xaʔya/	<i>haʔyi</i>
MANDARA	Mandara	*ywa/	<i>iwa</i>
	Malgwa	*y/ywa/	<i>iiwe</i>
	Podoko	*y/xyawa/	<i>hiyawa</i>
MOFU ²	Matal	*xayaw/	<i>hayaw</i>
	Mofu-Gudur	*x ^w yak ^w / > *y ^w yak ^w /	<i>ayak^w</i>
	Mada	*x ^w yaw/ > *y ^w yaw/	<i>ayaw</i>
	Muyang	*x ^w yaw/ > *y ^w yaw/	<i>eyew</i>
	Mofu North	*x ^w ayak ^w /	<i>h^wayak^w</i>
	Zulgo	*xayaw/	<i>hayaw</i>
	Moloko, Gemzek, Merey	*y/xayaw/	<i>heyew</i>
	Dugwor	*x ^w ayak/	<i>h^weyek</i>
	Ouldeme	*a-wayak/	<i>awayak</i>

² Note that in Mofu-Gudur, Mada, and Muyang the initial [a] in synchronic transcriptions is originally a prothetic vowel preceding an initial consonant cluster. Therefore, it is not reconstructed as phonemic for the individual proto-languages.

MAROUA	Giziga-Muturwa	* ^w /y ^k wa/ OR: * ^w /ykw/	yuku
	Giziga-Marva	* ^w /x ^w ayak ^w /	hoyok
LAMANG	Lamang	* ^y /xy-dā-k-na/ > * ^y /x ^d āŋa/	h ^d ēŋe
	Hdi	* ^y /xyʔ/ > * ^y /xʔy/	hi'i
HIGI	Kamwe-Futu	* ^y /xayg/ > * ^y /xagy/	hagi
	Kamwe-Nkafa	* ^y /xayg/ > * ^y /xagy/	ha ^g i
	Kirya, Bana	* ^y /xay/	hay, xay
KOTOKO-NORTH	Mpade	* ^w /xaya/, * ^w /gaya/	hayo, gayo
GIDAR	Gidar	* ^y /xay-dā-k-n/ > * ^y /xay-dā-ŋ/, * ^y /xayakw-dā-k-n/ > * ^y /xakway-dā-ŋ/ > * ^y /xaay-dā-ŋ/	hey ^d ēŋ, heey ^d ēŋ
Grinding stone		*g^w(a)v(a)na	
DABA	Gavar	* ^m /g ^w vn/ > * ^ŋ /g ^w vn/ > * ^ŋ /vn/	ŋvān
	Buwal	* ^m /g ^w van/ > * ^ŋ /g ^w van/ > * ^ŋ /vn/	ŋvan
TERA	Tera	* ^v /vna/	vāna
SUKUR	Sukur	* ^b /ban/	ban
HURZA	Mbuko, Vame	* ^v /van/	van
MARGI	Bura	* ^w /br/, * ^w /bra/	bur, bura
	Kilba	* ^b /bra/	bāra
MANDARA	Malgwa	* ^w /g ^w vra/	ugvāra
	Mandara	* ^y /wvra/	uvera
	Dghwede	* ^v /vra/	vāra
	Matal	* ^v /vl/	vāl
	Podoko	* ^m /ma-vara/	mavara
	Glavda	* ^v /vara/, * ^v /vaa/	va:ra, vaa
MOFU	Ouldeme, Muyang	* ^a /a-var/	avar
	Moloko	* ^y /var/	ver
	Merey	* ^y /bar/	ber
	Gemzek	* ^y /bar/, * ^w /bar/	ber, bor
MAROUA	Giziga-Marva	* ^w /van-k/ > * ^w /vaŋ/	voŋ
	Mbazla	* ^v /van-k/ > * ^v /vaŋ/	vaŋ
LAMANG	Lamang, Hdi	* ^w /bna/	buna
HIGI	Kamwe-Nkafa, Kamwe-Futu, Kirya	* ^v /vna/	vāna
KOTOKO-CENTRAL	Lagwan	* ^y /vn/	vīn

KOTOKO-SOUTH	Mazera	*w/vna/	vuna
MUSGUM	Mbara	*w/fna-y/	funay
GIDAR	Gidar	*/wbn/ > */bwn/	buən
Ground squirrel		*x(a)y(a)ya	
HURZA	Mbuko	*/ayah/	ayah
MANDARA	Matal	*/xaya-k-n/ > */xaya-ŋ/	hayəŋ
	Mandara	*/y/ya-RED/	yaye
	Malgwa	*/y/ya-RED/	yeye
	Glavda	*/ayaɣa-RED/	ayaɣayaɣa,
			ayaɣaya
MOFU	Dugwor	*/xya-k-n/ > */xyaŋ/	hiyaŋ
	Zulgo, Gemzek, Merey	*/xya-k-n/ > */xyaŋ/	hiyeŋ
	Moloko, Mofu-Gudur	*/ayah/	ayah
	Ouldeme	*/aya-k-n/ > */ayaŋ/	ayeŋ
	Muyang	*/aya-k-n/ > */ayaŋ/	eyeŋ
MAROUA	Giziga-Muturwa	*/yaw/,	yaw,
		*/ayaw/	ayaw
LAMANG	Giziga-Marva	*/ayaw/	ayew
	Lamang	*/yaya/	yaye
	Hdi	*/yaya/	yayi
KOTOKO-NORTH	Mpade	*/yaga/	yaga
KOTOKO-SOUTH	Mazera	*/ayaxa/	ayahe
MUSGUM	Mbara	*/ya-RED/	yaya
Grow/raise, to		*g(a)ra	
BATA	Gude	*/gra/	gəra
	Jimi	*/gr-n/	gərən
	Tsuvan	*/gl-k-n/	gəlkən
DABA	Daba	*/gla/,	gəla,
		*/gl/	gəl
	Gavar	*/gl/	gəl
	Mbudum	*/gl/,	gəl,
		*/y/k-gl/	kəgil
	Buwal	*/gal/,	gal,
		*/m-gal/ > */ŋ-gal/	ŋgal
MAFA	Cuvok	*/gla/,	gəla,
		*/gal/	gal
TERA	Tera	*/w/gar/,	gor,
		*/w/gar-y/	gori
SUKUR	Sukur	*/gr/	gər
HURZA	Vame	*/gra/,	gəra,
		*/ɣra/,	ɣəra,
		*/ɣala/	ɣala
MARGI	Mbuko	*/xar/	har
	Bura	*/y/kla/	kila

MANDARA	Podoko	*/gla/	<i>gəla</i>
	Mandara	*/y/gala/	<i>gela</i>
MOFU	Ouldeme	*/gla-y-k-n/ > */y/gla-ŋ/	<i>gəleŋ</i>
	Zulgo	*/gl-ba/	<i>gəlba</i>
	Merey, Mofu-Gudur	*/gl/	<i>gəl</i>
	Gemzek	*/gl/, */ ^y ma-gla/	<i>gəl,</i> <i>megəle</i>
	Mofu North	*/y/ma-gla-y/	<i>megəley</i>
	Dugwor	*/y/m-gla-y/	<i>məgəley</i>
	Mada	*/ma-gla/	<i>magla</i>
	Muyang	*/gal/	<i>gal</i>
	Moloko	*/gar/	<i>gar</i>
	Giziga-Marva	*/gla/, */gl/	<i>gla,</i> <i>gəl</i>
MAROUA	Giziga-Muturwa	*/y/gl/	<i>gil</i>
	Lamang	*/gla/	<i>gla</i>
	Hdi	*/gla-y/, */xala-y/	<i>gəlay,</i> <i>halay</i>
HIGI	Kirya	*/kl/	<i>kəl</i>
	Bana	*/kl-y/	<i>k(ə)li</i>
	Kamwe-Futu	*/w/klə/	<i>kəlo</i>
Guineafowl		*dz(a)v(a)na	
BATA	Sharwa	*/w/zavna/	<i>zavunə</i>
	Gude	*/w/za:vna/	<i>zoovəna</i>
	Jimi	*/w/zavn-n/	<i>zavⁿənən</i>
	Tsvan	*/zavn-k-n/	<i>zavənkən</i>
DABA	Gavar, Daba	*/zavn/	<i>zavən</i>
	Buwal	*/zavan/	<i>zavan</i>
	Mbudum	*/zavan-k/ > */zavaŋ/	<i>zavaŋ</i>
MAFA	Mafa	*/zapan/	<i>zapan</i>
	Cuvok	*/zapan-k/ > */zapaŋ/	<i>zapaŋ</i>
TERA	Tera	*/y/tsvan/, */v/svan/	<i>tʃivan,</i> <i>ʃivan</i>
SUKUR	Sukur	*/zabn/	<i>zabən</i>
HURZA	Vame	*/savna-k/	<i>savnak</i>
	Mbuko	*/n-zavan/	<i>nzavan</i>
MARGI	Margi, Kilba	*/tsvr/	<i>tsəvər</i>
	Bura	*/tsvra/	<i>tsəvəra</i>
MANDARA	Matal	*/zavr/	<i>zavər</i>
	Podoko	*/n/zabra/	<i>zaⁿbəra</i>
	Glavda	*/zaba/, */y/zaab/, */v/zabra/	<i>zabə,</i> <i>žeeb,</i> <i>zabra</i>
	Malgwa	*/y/zabra/	<i>zebre</i>
	Mandara	*/y/zabara/	<i>zabera</i>

MOFU	Zulgo	*/n-dzavr/	<i>ⁿdzavər</i>
	Ouldeme, Mada	*/zavar/	<i>zavar</i>
	Mofu-Gudur	*/tsavar/	<i>tsavar</i>
	Muyang, Moloko	*/ ^y dzavar/	<i>dzavar</i>
	Gemzek, Merey, Mofu North	*/n-dzavar/	<i>ⁿdzavar</i>
	Dugwor, Mofu- Gudur	*/ ^y n-dzavar/	<i>ⁿdzavar</i>
MAROUA	Giziga-Muturwa	*/tsvn-y-k ^w / > * ^{yw} /tsvŋ/	<i>tʃuvuŋ</i>
	Giziga-Marva	*/tsvan-y-k ^w / > * ^{yw} /tsvan/	<i>tʃuvon</i>
LAMANG	Mbazla	*/tsfn-k ^w / > * ^{yw} /tsfŋ/	<i>tʃufuŋ</i>
	Hdi	*/zvn-k/	<i>zəvnək</i>
HIGI	Lamang	*/zavana-ka/	<i>zavanaka</i>
	Kamwe-Nkafa	*/zvna/	<i>zəvnə</i>
KOTOKO-NORTH	Bana	*/zvn-y/	<i>zəvəni</i>
	Kamwe-Futu	* ^{yw} /zvna/	<i>zivəno</i>
	Afade	*/tsfan/	<i>tsifan</i>
	Mpade, Malgbe, Maltam	*/safan/	<i>safan</i>
KOTOKO- CENTRAL	Lagwan	*/zavan/	<i>zavan</i>
	Mser	*/savan/	<i>savan</i>
KOTOKO-SOUTH	Mazera	*/dzavan-y-k/ > */dzavan/	<i>dzavan</i>
MUSGUM	Mbara	*/tsa:van-y-k/ > */tsa:van/	<i>tʃeevən</i>
GIDAR	Gidar	*/zafna-ʔ/ > * ^ʔ /zafna/	<i>zafⁿna</i>
		* ⁿ /zavna/	<i>zəmvəna</i>
		* ⁿ /savna/	<i>səmvəna</i>

Hair ₁		*s(a)b(a)ta	
BATA	Sharwa	*y ^w /sbt-y/	ʃəb ^w əti
	Tsuvan	*y ^w /sbta/	subte
	Bata	*y ^w /sawta/	fewto
SUKUR	Sukur	*ny ^w /sbt/	ʃu ^m but
MOFU	Moloko	* /m-sbata-y-k ^w	
		> *ny/sbatawk/	sə ^m betewk
LAMANG	Lamang	*y/sd-y/	sidi
	Hdi	*y/swd-y/	səwidi
HIGI	Kamwe-Nkafa	*smt-y/ > *y/snt-y/	ʃin ^ʔ i
	Bana	*st-y/	səti
		*y/st-y/	ʃti
Hair ₂		*g ^w (a)tsa	
MAFA	Mafa	*/g ^w atsa/	g ^w atsə
	Cuvok	*m-g ^w ats-y/ > *y/ŋ-g ^w ats/	ŋg ^w etf
TERA	Tera	*w/ɣ ^w as/	yos
	Ga'anda	*y/wasa/	weefa

MANDARA	Glavda	* ^{yw} /g ^w dza/	gud̥ʒa
	Malgwa	* ^{yw} /g ^w dza/	ugd̥ʒe
	Dghwede	* ^{nw} /g ^w dza/	gu ^w dza
	Podoko	*/m-g ^w tsa/ > * ^w /ŋ-g ^w tsa/	ʔgutsa
	Matal	*/ma-gdz-y/ > * ^{ny} /a-ŋdz/	aŋidz, aŋidʒ
MOFU	Gemzek	*/ma-g ^w z/ > * ^{nw} /a-g ^w z/	a ^ŋ guz
	Muyang	*/ma-g ^w ts-y/ > * ^{nyw} /a-g ^w ts/	eŋgʊtʃ
	Dugwor	*/ma-g ^w ats-y/ > * ^{nyw} /a-g ^w ats/	aŋg ^w etʃ
	Mofu-Gudur	*/ma-g ^w ats-y/ > * ^{nyw} /a-g ^w ats/	eŋg ^w etʃ
	Merey	* ^y /m-k ^w as/	mək ^w es
MAROUA	Giziga-Muturwa	* ^y /n-g ^w ts-y/	ng ^w itʃi
	Mbazla	* ^w /ŋ-g ^w za-ʔ/	ʔguzo
Hare		*x ^w (a)d(a)y(a)va	
BATA	Gude	*/typa/ > * ^y /pyta/	piɐ̃'a
	Jimi	*/dyv-n/ > * ^y /vyd-n/	vidən
	Tsuvan	*/tyv-k-n/ > * ^y /vyt-k-n/	vitikən
DABA	Buwal, Gavar	* ⁿ /ma-dva-n/	ma ^w davan
	Daba	* ⁿ /ma-dav-n/	ma ^w davən
	Mbudum	*/m-dayva-k-n/ > * ^{ny} /m-dava-ŋ/	mə ^w deven
MAFA	Mafa	* ⁿ /wadav/	wa ^w dav
SUKUR	Sukur	*/lyva/ > * ^y /vlya/	vəɬ'a
		*/lyva/ > * ^y /vlya/	viɬ'a
HURZA	Vame	*/n-dyva-k-n/ > * ^y /n-dyva-ŋ/	n ^w diveŋ
MARGI	Kilba	*/typa/ > * ^y /pyta/	piɬa
	Margi	*/typa/ > * ^y /pyta/	piɬə
	Margi-South	*/typ-w/ > * ^y /pyt-w/	piɬu
	Bura	*/typ/ > * ^y /pty/	piɬi
MANDARA	Glavda	*/dyva/ > * ^y /vyda/, */yv/ > * ^y /vy/	vi:da, vii
	Podoko	*/ryva/ > * ^y /vyra/	vira
	Mandara	*/na-ryva/ > * ^y /na-vyra/	navire
	Malgwa	*/na-ryva/ > * ^y /na-vyra/	naviira
	Zulgo	* ⁿ /xdav/	hə ^w dav
MOFU	Merey, Dugwor, Mofu North	* ⁿ /wadav/	wa ^w dav
	Mofu-Gudur	* ⁿ /x ^w adav/	h ^w a ^w dav
	Ouldeme	* ^w /adava/	adavo
	Giziga-Muturwa, Giziga-Marva	* ⁿ /ma-daf/	ma ^w daf
LAMANG	Lamang, Hdi	*/lyva-k ^w (a)/ > * ^y /vyla-k ^w (a)/	vilak ^w (a)
HIGI	Kamwe-Futu	*/ryva/ > * ^y /vyra/	vira
	Bana	*/lyva/ > * ^y /vla/	v(ə)le
	Kirya	*/typa/ > * ^y /pyta/	piɬə
MUSGUM	Mbara	* ^w /m-dyva-y/	mudivay
GIDAR	Gidar	* ⁿ /ma-dava/	ma ^w dava

Hat		*dz(a)k^wa	
HURZA	Mbuko	*y ^w /dzga/	<i>džugo</i>
	Vame	*y ^w /dzga/	<i>dzuge</i>
MARGI	Bura	*/dzak ^w a/	<i>dzak^wa</i>
MANDARA	Matal, Podoko, Glavda	*/dzak ^w a/	<i>dzak^wa</i>
	Mandara	*y/dzak ^w a/	<i>dzak^we</i>
MOFU	Mofu-Gudur	*y/dzk ^w a-w/	<i>džik^wew</i>
	Dugwor	*y ^w /dzg-g ^w a/	<i>džiggo</i>
	Merey	*/dzak ^w a/, */dzag ^w a/	<i>dzak^wa</i> , <i>dzag^wa</i>
	Moloko	*y ^w /dzaga/	<i>džogo</i>
MAROUA	Muyang	*y/dzakw/	<i>džaku</i>
	Ouldeme	*/dzagw/	<i>dzagu</i>
	Giziga-Muturwa	*/dzkw-y/ > *y/dzykw/	<i>džiyku</i>
	Giziga-Marva	*y ^w /dzak ^w a/	<i>džoko</i>
LAMANG	Hdi	*w/dzg ^w a/	<i>dzug^wa</i>
	Lamang	*/dzak ^w -na/ > *w/dzan ^w a/	<i>džono</i>
KOTOKO-ISLAND	Buduma	*y ^w /n-dzak ^w a/	<i>n^wdžok^wa</i>
KOTOKO-NORTH	Mpade	*/sag ^w a/	<i>sag^wa</i>
KOTOKO-SOUTH	Zina	*y/dzakw/	<i>džaku</i>
MUSGUM	Vulum	*/zagaw/	<i>zagaw</i>
Hatch ₁ , to		*ts(a)la	
BATA	Gude	*y/RED-tsa ^w a/	<i>ɬat/ahə</i>
SUKUR	Sukur	*y/tsl/	<i>ɬɪl</i>
HURZA	Vame	*y/tsa ^w -ya/	<i>ɬahya</i>
MANDARA	Podoko	*y/tsla/	<i>ɬɪla</i>
	Mandara	*y/tsa ^w a/	<i>ɬale</i>
	Glavda	*y/tsa ^w -ga/	<i>ɬa^wga</i>
MOFU	Ouldeme	*y/tsa ^w /	<i>tsal</i>
	Merey	*/RED-tsa ^w /	<i>tsətsa^w</i>
	Zulgo	*y/RED-tsa ^w ɣ/	<i>tsetsiɣ</i>
	Gemzek	*y/ma-tsa ^w a/	<i>metsete</i>
LAMANG	Lamang	*y/tsla/	<i>tsila</i>
	Hdi	*y/tsla-y/	<i>tsilay</i>
Hatch ₂ , to		*d(a)la	
DABA	Buwal	*y/yal/	<i>yal</i>
MAFA	Cuvok	*y/y ^w la/	<i>yila</i>
HURZA	Vame	*y ^w /dl-ya/	<i>duliya</i>
	Mbuko	*y/RED-dal/	<i>dədel</i>
MOFU	Muyang	*y/dl/	<i>dil</i>
GIDAR	Gidar	*y/w-dala/	<i>wədele</i>

Head		* $\gamma^w(a)na$	
BATA	Gude	*/na/	na
	Tsuvan	*/y/na/	əne
	Jimi	*/y/yn-n/	yinən
	Sharwa	*/m-gna-y/ > */ η -gna/	η ginə
DABA	Buwal, Gavar	*/xa/	ha
MAFA	Mafa	*/gr/ > */gd/	gəd
	Cuvok	*/ γ an-y-k/ > */ γ an/	γ an
SUKUR	Sukur	*/ka/	kə
HURZA	Mbuko	*/gna/ > */ η ga/	η ga
	Vame	*/gna/ > */ η ga/, */ η a/	η ga, η a
MARGI	Margi, Margi- South, Kilba	*/kr/	kər
	Bura	*/kr/	kir
MANDARA	Glavda	*/ γ ra/, */ γ r/	ϵ ra, γ r
	Dghwede	*/ γ ra/	gre
	Matal	*/gl/	gəl
	Mandara	*/ γ ra/	ira
	Malgwa	*/ γ ra/	iire
MOFU	Zulgo, Gemzek, Merey	*/gr/	gər
	Mofu-Gudur	*/ra-y/	ray
	Moloko	*/d-ra-y/	dəray
	Ouldeme	*/ γ ar/	γ ar
	Gemzek	*/gar/	gar
	Mofu North	*/ʔar/	'ar
	Muyang	*/a-xar/	ahar
	Giziga-Muturwa	*/xr-y-g-na/ > */xr- η ga/	hir η ga
MAROUA	Giziga-Marva	*/x ^w r-k ^w -n/ > */x ^w r- η ^w /	hur η
	Mbazla	*/ γ n-y-k/ > */ γ n-k/ > */y/ γ η /	γ η
	Hdi	*/ γ n-k/ > */ γ η /	γ η
LAMANG	Lamang	*/ γ an-k/ > */ γ an/	γ an
HIGI	Kirya, Bana	*/ γ n/	γ ən
	Kamwe-Nkafa	*/ γ a/	γ ə
	Kamwe-Futu	*/ γ -y/	γ i
KOTOKO-ISLAND	Psikye	*/g ^w / > */gw/	gu
	Buduma	*/k ^w a/ > */kwa/, */kw/	kuə, ku
KOTOKO-NORTH	Afade	*/g ^w a/	go
	Mpade	*/g ^w a/, */k ^w a/	go, ko
KOTOKO-CENTRAL	Mser	*/k ^w a/	ko
	Lagwan	*/kaa/	kaa
GIDAR	Gidar	*/k-y/, */k-ya/	ki, kiya

Hearth, three-stone fireplace		*r(a)w(a)tsa	
BATA	Sharwa	*y/rt-y/	ryæi
DABA	Mbudum	*y ^w /lwts/	luwitf
	Buwal	*y/lwats/	læwetf
MAFA	Mafa	*y ^w /rwats/	ruwetf
	Cuvok	*y ^w /lwats/	luwetf
SUKUR	Sukur	*y/rwts/	ruts
HURZA	Mbuko	*y ^w /rwats/	ruwetf
MANDARA	Podoko	*y/lwtsa/	lutfe
	Matal	*y/lts/	læts
	Mandara	*y/ltsa/	eltfa
	Malgwa	*y/ltsa/	æltfa
MOFU	Glavda	*y/ltsa/	iltfa
	Ouldeme, Zulgo	*y/lwt/	liwit
	Muyang	*y ^w /lwt/	læwit
	Moloko	*y/lwta/	læwte
	Dugwor, Gemzek	*y ^w /lwat/	luwet
	Merey	*y ^w /lwats/	luwets
	Mofu North	*y/lwats/	læwets
	Mofu-Gudur	*y/lwats/	læwetf
	Mbazla	*y/lwts-y/	lutfi
	Giziga-Muturwa	*y/lws(-y)/	liwis(i)
LAMANG	Giziga-Marva	*y/lwas/	liwes
	Lamang	*y/lt-y/	liti
HIGI	Hdi	*y/lt-y-k/	litik
	Kamwe-Nkafa	*y/rwta/ > */rtwa/	rætwa
MUSGUM	Bana	*y/lta/	læt(ə)
	Mbara	*y/lwt/	liwit
	Muskum	*y/wt/	wit
Hedgehog		*x^w(a)sa	
DABA	Buwal	*xwasa-RED-6/	hwasasab
HURZA	Vame	*y ^w /a-wsa-RED/	awu/awufa
	Mbuko	*w/wsa-RED/	usos
MARGI	Bura	*y/x ^w sa/	hwisa
	Margi	*y/wsa/	wisə
MANDARA	Mandara,	*w/wsa-RED/	ususa
MOFU	Malgwa		
	Muyang, Zulgo	*a-ws-RED/ >	
		*a-sw-RED/	asus
	Merey	*dā-sw-RED/	dāsus
	Mofu North	*w/ʔ ^w as-RED/	ʔoʔos
	Ouldeme	*a-sa-RED/	asas
LAMANG	Gemzek	*w/x ^w asa-RED/	hosos
	Hdi	*w/m-x ^w s-RED/ >	
		*w/m-x ^w t-s/	muxtus
HIGI	Kirya	*y/fsa/	fisa
	Bana	*xasa-RED/	xasəsə

Hide, to		*b(a)ɣ^wa	
BATA	Jimi	*w/ɓɣ-n/	<i>ɓwəɣən</i>
	Sharwa	*w/ɓax/	<i>ɓwah</i>
	Bata	*w/ɓaa/	<i>ɓoo</i>
DABA	Buwal, Gavar	*/ɓax/	<i>ɓah</i>
	Daba	*w/ɓax ^w /	<i>ɓoh</i>
	Mbudum	*/k-ɓax/	<i>kəɓah</i>
MANDARA	Podoko	*/ɓx ^w a/	<i>ɓəhwa</i>
MOFU	Muyang	*/ɓw/	<i>ɓu</i>
HIGI	Bana	*w/ɣ ^w ɓə/	<i>ɣubə</i>
Hole		*v(a)g^w(a)ɗa	
BATA	Bata	*y/g ^w a/	<i>g^we</i>
	Jimi	*w/g ^w ɔ-n/	<i>gu 'un</i>
	Sharwa	*/g ^w ɔa/	<i>g^wə 'ə</i>
MAFA	Mafa	*y/RED-vad/	<i>veved'</i>
TERA	Tera	*/g ^w a/	<i>g^wa</i>
SUKUR	Sukur	*w/vd/	<i>vud'</i>
MARGI	Kilba	*/ka-wɔ/ > */ka-ɔw/	<i>ka 'u</i>
	Margi-South	*/ka-w/	<i>kau</i>
	Bura	*/k-w/	<i>ku</i>
MANDARA	Podoko	*y/vga/	<i>vige</i>
	Malgwa	*y/vga/	<i>əvəge</i>
	Mandara	*y/a-vaga/	<i>evege</i>
	Dghwede	*y/fka/	<i>fke</i>
	Matal	*y/a-fk/	<i>afik</i>
	Glavda	*/a-fka/, */aaf/	<i>afka,</i> <i>aaf</i>
MOFU	Ouldeme	*/a-vy/	<i>avi</i>
	Moloko	*y/pɗa/	<i>pəde</i>
	Merey	*/bd/	<i>bəɗ</i>
	Zulgo, Gemzek	*y/bya/	<i>biye</i>
	Dugwor	*y/a-bad/	<i>abed</i>
	Mofu-Gudur	*y/vgad/	<i>vəged'</i>
	Mada	*y/RED-vad/	<i>vved'</i>
MAROUA	Giziga-Muturwa	*y/vgd(-y)/	<i>vigid(i)</i>
	Giziga-Marva	*y/vgad/	<i>viged'</i>
	Mbazla	*y/vad/	<i>ved'</i>
LAMANG	Lamang	*w/ɣ ^w ɓa/	<i>ɣubo</i>
HIGI	Hdi	*w/ɣɾ-m/	<i>ɣrum</i>
	Kamwe-Futu	*/kə/	<i>kə</i>
	Bana	*/k-wɔ/ > */k-ɔw/	<i>kə 'u</i>
GIDAR	Kirya	*/ɣa-w/	<i>ɣaw</i>
	Gidar	*w/RED-vaw/, *nw/RED-vaw/	<i>vovu,</i> <i>vomvu</i>

Honey, bee		*ama	
DABA	Buwal	*/6-RED- am/	<i>ḡamam</i>
	Mbudum	*/RED-6-am/	<i>ḡəḡam</i>
	Daba	*/ ^w /RED-6-am/	<i>ḡoḡom</i>
	Gavar	*/RED-am/	<i>amam</i>
MAFA	Cuvok	*/m-gb-am/	<i>mḡbam</i>
SUKUR	Sukur	*/RED-am/	<i>mam</i>
HURZA	Mbuko	*/6-RED-am/	
		> */w-RED-am/	<i>umam</i>
MARGI	Vame	*/RED-ama-k/	<i>aməmak</i>
	Margi	*/RED-ma/	<i>məmə</i>
	Bura	*/ ^w /RED-ma/	<i>muma</i>
MANDARA	Podoko	*/RED-ma/	<i>mama</i>
	Glavda	*/RED-ma/	<i>mam</i>
	Mandara, Malgwa	*/n-ama/	<i>nama</i>
MOFU	Ouldeme, Mada	*/ama/	<i>ama</i>
	Muyang	*/am-w/	<i>amu</i>
	Dugwor, Mofu- Gudur	*/RED-am/	<i>amam</i>
	Zulgo	*/ ^w /RED-am/	<i>amum</i>
	Moloko	*/ ^w /RED-am/	<i>omom</i>
	Gemzek	*/RED-am-wa/ > */ ^w /awam/	<i>awom</i>
	Merey	*/m-w/ > */ ^w /wm/	<i>wum</i>
	Giziga-Marva	*/RED-am/	<i>amam</i>
MAROUA	Mbazla	*/ʔ-RED-am/	<i>'amam</i>
	Lamang	*/ama/	<i>omo</i>
LAMANG	Lamang	*/ama/	<i>omo</i>
KOTOKO-NORTH	Afade, Malgbe, Mpade	*/RED-am/	<i>mam</i>
	Lagwan	*/y-ma-n/	<i>iman</i>
KOTOKO- CENTRAL	Mser	*/RED-am/	<i>mam</i>
KOTOKO-SOUTH	Zina	*/RED-ama/	<i>amama</i>
	Mbara	*/ ^w /RED-ma-y/	<i>momoy</i>
	Vulum	*/RED-am-y/	<i>aamii</i>
MUSGUM	Muskum	*/am-t-w/	<i>amtu</i>
	Gidar	*/RED-ama/	<i>amama, aməma</i>
Horn ₁		*d(a)r(a)ma	
MAFA	Mefe	*/ ^w /drm/	<i>dərum</i>
	Cuvok	*/y/dram/	<i>dərem</i>
	Mafa	*/ ^w /dram/, */ ^w /talam/	<i>durom, tolom</i>
		*/tam/	<i>twam</i>
SUKUR	Sukur	*/tām/	<i>twam</i>
MARGI	Kilba	*/tīm/	<i>tələm</i>
	Bura	*/m-tīb-y-k ^w / > */ny ^w /tbl/	<i>ti^wbul</i>

MANDARA	Malgwa	*y/drma/	<i>dərme</i>
	Mandara	*y/darma/	<i>derma</i>
	Glavda	*/dra/, */drawa/	<i>dəra,</i> <i>drawa</i>
	Podoko, Dghwede	*/drawa/	<i>dərawa</i>
	Matal	*/draw/	<i>draw, dəraw</i>
MOFU	Muyang	*y/a-dram/	<i>edrem</i>
	Dugwor	*w/dram/	<i>dərom</i>
	Mada	*/dram/	<i>dram</i>
	Merey	*/dram/	<i>dəram</i>
	Mofu-Gudur	*/tlam/	<i>təlam</i>
	Mofu North	*/tlam/, */talam/	<i>təlam,</i> <i>talam</i>
MAROUA	Giziga-Muturwa	*w/drm/	<i>drum, durum</i>
	Mbazla	*w/drm/	<i>durum</i>
	Giziga-Marva	*w/dram/	<i>durom</i>
LAMANG	Lamang, Hdi	*/dlw-y/ > */dwl-y/	<i>duli</i>
HIGI	Kamwe-Nkafa	*w/trm-y/	<i>tərmwi</i>
	Kamwe-Futu	*/trma-y-k ^w / > */tryma/	<i>tərimo</i>
	Bana	*/tlma-y/ > */tlyma/	<i>təlimə</i>
Horn ₂			
*x^w(a)ra			
KOTOKO-SOUTH	Mazera	*y/m-xwa/	<i>mihue</i>
	Zina	*/a-x ^w al/	<i>ah^wal</i>
MUSGUM	Mbara	*w/ma-x ^w a/	<i>moho</i>
GIDAR	Gidar	*w/ma-x ^w a/	<i>moho</i>
Horn ₃			
*b(a)k^w(a)ma			
TERA	Ga'anda	* ^{nw} /m-ba ^w am-dā/	<i>^mbo'omⁿda</i>
HURZA	Vame	* ⁿ /bāg ^w am/	<i>bāg^wam</i>
MOFU	Zulgo	* ^w /m-bk ^w m/	<i>^mbukum</i>
	Gemzek	* ^w /m-bk ^w am/	<i>^mbukom</i>
	Ouldeme	* ⁿ /a-bkam/	<i>a^mbəkam</i>
MUSGUM	Moloko	* ^{nw} /ma-g ^w am/	<i>moⁿgom</i>
	Vulum	*/a-k ^w am/ > */a-mak/	<i>amok</i>
Horn ₄			
*l(a)gana			
HURZA	Mbuko	*/lkan/	<i>ləkam</i>
KOTOKO-NORTH	Mpade, Malgbe	*/lagan/	<i>lagan</i>
	Maltam	*y/lagara/	<i>lagare</i>
KOTOKO-CENTRAL	Mser	*/lagar/	<i>lagar</i>

Horse ₁		*p(a)r(a)sa	
DABA	Daba	*y/pls/	<i>pilis</i>
MAFA	Mafa	*y/plas/	<i>pilef</i>
	Cuvok	*y/plaz/	<i>pəlez</i>
TERA	Ga'anda	*y/prsa/	<i>pīrfa</i>
	Tera	*/prs-y/	<i>pərsi</i>
HURZA	Mbuko	*y/plas/	<i>pəles</i>
	Vame	*y/plas/	<i>pəlef</i>
MANDARA	Matal	*y/pls/	<i>pəlis, pəlif</i>
	Podoko	*y/prsa/	<i>pīrəfe</i>
	Glavda	*y/plsa/, */pls/	<i>pīl:fa, pəls</i>
	Malgwa	*/blsa/	<i>bəlsa</i>
	Mandara	*y/balsa/	<i>belsa</i>
MOFU	Ouldeme	*y/pls/	<i>pəlis</i>
	Zulgo	*y/prs/	<i>piris</i>
	Moloko, Gemzek, Merey, Dugwor, Mofu-Gudur	*y/plas/	<i>pəles</i>
	Mofu North	*y/palas/	<i>peles</i>
MAROUA	Mbazla	*y/pls/	<i>pilif</i>
	Giziga-Muturwa	*y/pls(-y)/, */y ^w /ptsa/	<i>pilis(i), plis, putfu</i>
	Giziga-Marva	*y/plas/	<i>piles</i>
LAMANG	Lamang, Hdi	*y/pls(-y)/	<i>pəlis(i)</i>
MUSGUM	Mulwi, Vulum	*y/pls/	<i>aplīs</i>
	Mbara	*y/pls/	<i>pilis</i>
	Muskum	*y/plasa-ka/	<i>pleseke</i>
GIDAR	Gidar	*y/plsa/, */plsa-y/ > */pylsa/	<i>pəlsa, pīlsa</i>
Horse ₂		*t(a)k(a)wa	
BATA	Gude	*/txwa/	<i>təh^wa</i>
DABA	Buwal, Gavar	*y/dakw/	<i>dak^w</i>
	Mbudum	* ^w /dak/	<i>dok</i>
SUKUR	Sukur	*y/dkw/ > */dwk/, */dkw-ʔ/ > */dkw /	<i>duk, dək'u</i>
MARGI	Bura, Kilba	*y/takw/	<i>taku</i>
	Margi, Margi-South	*y/tagw/	<i>tagu</i>
HIGI	Kirya	*y/tkw/	<i>təku</i>

Human being, person		*d(a)wa	
BATA	Gude	*/n-da/	<i>əⁿda</i>
	Sharwa	*/n-dw/	<i>ⁿdu</i>
MAFA	Mafa	*/w/n-da/	<i>ⁿdo</i>
	Cuvok	*/n-da/, */n-da-na/	<i>ⁿda, ⁿdana</i>
TERA	Tera	*/w/n-dw-ka/	<i>ⁿduku</i>
SUKUR	Sukur	*/n-da/, */n-dw/	<i>ⁿda, ⁿdu</i>
MARGI	Kilba	*/n-dw/	<i>ⁿdu</i>
MANDARA	Podoko	*/n/m-da/	<i>məⁿda</i>
	Malgwa	*/n-da/	<i>ⁿda</i>
	Glavda	*/w-da/, */w-w/	<i>uda, uu</i>
	Dghwede	*/yw/w-da/	<i>wude</i>
MOFU	Merey	*/w/n-da/	<i>ⁿdo</i>
	Mofu North, Mofu-Gudur	*/n-daw/	<i>ⁿdaw</i>
	Dugwor	*/w-daw/	<i>wdaw</i>
LAMANG	Hdi	*/n/m-dw/	<i>məⁿdu, mndu</i>
	Lamang	*/n/w-dw/	<i>uⁿdu</i>
HIGI	Kirya	*/n-da/	<i>ⁿdə</i>
	Psikye	*/n-da/, */nw/w-dw/	<i>ⁿdə, wuⁿdu</i>
Hump		*dz(a)g^w(a)ra	
DABA	Mbudum	*/ny/dḡr/	<i>dīⁿgir</i>
	Gavar	*/nw/dḡr/	<i>dəⁿgur</i>
	Buwal	*/dḡ ^w ar/	<i>dəḡ^war</i>
TERA	Tera	*/w/dḡ ^w l/	<i>dūgul</i>
SUKUR	Sukur	*/yw/dzg ^w d/	<i>dzigud</i>
HURZA	Mbuko	*/m-dzgar/	<i>mədzəgar</i>
	Vame	*/yw/xa-dag ^w ar/	<i>h^wadeg^war</i>
MARGI	Bura	*/yw/dzkr/, */ma-dagara/, */ma-dakara/	<i>džukur, džikur, madagara, madakara</i>
MOFU	Zulgo	*/ma-dzgr/	<i>mədzəgər</i>
	Gemzek, Merey, Mofu North	*/ma-dzgar/	<i>mədzəgar</i>
KOTOKO-NORTH	Moloko	*/w/m-tak ^w ar/	<i>mətokor</i>
	Mpade	*/yw/sgwra/	<i>sugure</i>
	Malgbe	*/y/sgbra/	<i>sigbire</i>
KOTOKO-CENTRAL	Lagwan	*/zk ^w r-ʔa/ > */w ² /zrk ^w a/	<i>zurk^wa</i>
KOTOKO-SOUTH	Mazera	*/ny/dzak ^w ara/	<i>džanj^wara</i>
MUSGUM	Mulwi	*/yw/zgwr-y/	<i>zugurii</i>

Hunger		*m(a)ya	
BATA	Sharwa	*/my-ka/	<i>miki</i>
MAFA	Mafa, Cuvok	*/may/	<i>may</i>
TERA	Ga'anda	*/my-ta/	<i>miita</i>
	Tera	*/ma/	<i>mee</i>
SUKUR	Sukur	*/may/	<i>may, mai</i>
HURZA	Mbuko	*/may/	<i>may</i>
	Vame	*/may/, * ^w / ^x ^w -may/	<i>may,</i> <i>humay</i>
MARGI	Bura, Margi	*/my/	<i>mi</i>
MANDARA	Podoko	*/maya/	<i>maya</i>
	Matal	*/may/	<i>may</i>
	Mandara, Malgwa	*/waya/	<i>waya</i>
	Glavda	*/waya/, */wa/	<i>waya,</i> <i>wa</i>
		*/may/	<i>may</i>
MOFU	Moloko, Zulgo, Gemzek, Merey, Dugwor, Mofu North, Mofu- Gudur	*/may/	
MAROUA	Giziga-Muturwa, Giziga- Marva	*/may/	<i>may</i>
	Mbazla	*/may/, * ^w / ^a -may-ʔ/	<i>may,</i> <i>omai'</i>
LAMANG	Lamang, Hdi	*/maya/	<i>maya</i>
HIGI	Kamwe-Nkafa	* ^w / ^{ma} /	<i>mā</i>
	Kamwe-Futu, Bana, Psikye	*/ma/	<i>ma</i>
	Kiryā	*/ma-ʔ/ > */ma/	<i>'ma</i>
MUSGUM	Mbara	*/RED-may/	<i>miyamay</i>
GIDAR	Gidar	*/maya/	<i>maya</i>
Hut, bedroom		*v(a)na	
BATA	Bata	*/vna/	<i>vine</i>
	Sharwa	*/vra/	<i>vira</i>
DABA	Mbudum	*/bn-k/ > */bŋ/	<i>bəŋ</i>
MAFA	Cuvok	*/van-y-k/ > */vaŋ/	<i>veŋ</i>
SUKUR	Sukur	*/va/	<i>va</i>
MARGI	Kilba	*/v-y/	<i>vi</i>
MANDARA	Glavda	*/va/, */v/	<i>və,</i> <i>v</i>
	Malgwa	*/bra/	<i>bəre</i>
	Mandara	*/bara/	<i>bere</i>

MOFU	Zulgo	*y/br/	<i>bir</i>
	Gemzek	*y/br/, */bra/	<i>bir,</i> <i>bāra</i>
	Merey	*y/bar/	<i>ber</i>
	Ouldeme	*/vr/	<i>vər</i>
	Moloko	*y/var/	<i>ver</i>
MAROUA	Mbazla	*/vn-y-k/ > *y/vŋ/	<i>viŋ</i>
	Giziga-Marva	*/van-y-k/ > *y/vaŋ/	<i>veŋ</i>
LAMANG	Lamang	*/vn-y-k/ > *y/vŋ(-y)/	<i>ivŋ(i), ivəŋ</i>
	Hdi	*/vn-y-k/ > *y/vŋ/	<i>viŋ</i>
HIGI	Kamwe-Nkafa	*y/v-y/	<i>vɣi</i>
	Kamwe-Futu	*y/v-y/	<i>vi</i>
KOTOKO-NORTH	Afade, Mpade, Malgbe	*y/fn/	<i>fin</i>
KOTOKO- CENTRAL	Lagwan	*y/vn-y/	<i>vini</i>
	Mser	*y/vr/	<i>vɪr</i>
MUSGUM	Vulum, Mulwi	*y ^w /fn-y/	<i>funii</i>
	Mbara	*/fna-y-k/ > *y/fŋa-y/	<i>fiŋay</i>
GIDAR	Gidar	*/bna-y/ > *y/byna/	<i>biina</i>
Itch/scratch, to		*f(a)na	
MAFA	Cuvok	*y/ma-RED-fra-y/	<i>mefefrey</i>
HURZA	Vame	*/RED-fna/	<i>fəfəna</i>
	Mbuko	*/RED-fan/	<i>fəfan</i>
MOFU	Gemzek	*/fr/	<i>fər</i>
	Moloko	*/far/	<i>far</i>
	Mofu-Gudur	*/RED-far/	<i>fəfər</i>
	Merey	*/RED-far/	<i>fəfar</i>
	Dugwor	*y/m-fara-y/	<i>məferey</i>
	Mada	* ^w /ma-RED-far/	<i>moŋfor</i>
	Giziga-Muturwa	* ^w /fn/	<i>fun</i>
MAROUA	Giziga-Marva	* ^w /fna/	<i>funa</i>
Jealousy, be jealous		*s(a)r(a)ka	
BATA	Gude	*/srxa/	<i>sərahə</i>
	Jimi	*/srx-n/	<i>sərahən</i>
DABA	Buwal, Gavar, Mbudum	*/srax/	<i>sərah</i>
	Daba	*y/srax/	<i>səreh</i>
MAFA	Mafa	*/srak/	<i>sərak</i>
	Cuvok	*y/slak/	<i>səlek</i>
TERA	Tera	*y/zr-y/	<i>ziri</i>
SUKUR	Sukur	*/srx/	<i>sərah</i>
HURZA	Mbuko	*/srak/	<i>sərak</i>
MARGI	Bura	*y/slka/	<i>silka</i>

MANDARA	Podoko	*y/sra/	<i>fira</i>
	Malgwa	*/slk-y-na/ > *y/slŋa/	<i>fələŋa</i>
	Glavda	*y/slga/, *y/sal/	<i>silga,</i> <i>sil</i>
MOFU	Ouldeme	*y/slak/	<i>silik</i>
	Muyang	*y/zra-y/	<i>zirey</i>
	Gemzek	*/slak/, *w/sala/	<i>səlak,</i> <i>solo</i>
	Merey	*/slak/	<i>səlak</i>
	Dugwor, Moloko	*y/slak/	<i>səlek</i>
	Mofu North, Mofu-Gudur	*/slak-y-n/ > *y/slŋ/	<i>sələŋ</i>
MAROUA	Giziga-Marva	*w/sla-n/	<i>sulon</i>
LAMANG	Hdi	*/drak-w/	<i>draku</i>
HIGI	Kiryā	*/slkə/	<i>səlkə</i>
Kidney *y^w(a)r(a)sa			
DABA	Gavar	*y/wls/	<i>wəlɪf</i>
	Buwal	*y/wlas/	<i>ules</i>
SUKUR	Sukur	*y ^w /y ^w ls-y-RED/	<i>yuləfifi</i>
HURZA	Vame	*y ^w /x ^w lasa-RED/	<i>hulasase</i>
MARGI	Bura	*y ^w /k ^w ls-y/	<i>kulfi</i>
	Margi	*y ^w /x ^w ls-y/	<i>hulfi</i>
MANDARA	Podoko	*y ^w /x ^w lsa/	<i>huləfe</i>
	Glavda	*y/k ^w sla/	<i>k^wfəla</i>
	Malgwa	*/m-wrsa-RED/ > */ŋ-wrsa-RED/	<i>ŋursasa</i>
MOFU	Dugwor	*y ^w /wras/	<i>wures</i>
	Mofu-Gudur	*y ^w /wlas/	<i>wules</i>
LAMANG	Lamang	*/y ^w ls-y-RED/, *w/y ^w ls-y-RED/, *w/y ^w als-y-RED/, *y ^w /y ^w al-RED-s-y/	<i>y^wələsisi,</i> <i>yulasisi,</i> <i>yoləsisi,</i> <i>yoləlisi</i>
HIGI	Hdi	*y ^w /x ^w ls-y-RED/	<i>hulisisi</i>
	Kamwe-Futu	*y ^w /y ^w lts-y/	<i>yulətfi</i>
	Bana	*y/wlsa/	<i>wəlisa</i>
	Kamwe-Nkafa	*y ^w /g ^w als-y/	<i>golifi</i>
KOTOKO-NORTH	Mpade	*/g ^w dsa-y/ > *y ^w /d ^g sa/	<i>duguse</i>
KOTOKO-CENTRAL	Lagwan	*wy/x ^w dsa/	<i>xudusi</i>
	Mser	*y/xds/	<i>hidis</i>
Know, to *s(a)na			
BATA	Gude	*y/s-y/	<i>fii</i>
	Sharwa	*y/sna-n/	<i>sinan</i>
	Tsuvan	*/a-sna-k-n/	<i>asənəkən</i>

DABA	Gavar, Daba	*/sn/	<i>sən</i>
	Mbudum	*/sn-k/ > */sŋ/	<i>səŋ</i>
	Buwal	*/san/	<i>san</i>
MAFA	Mafa	*/sn/	<i>sən</i>
	Cuvok	*/sna/	<i>səna</i>
TERA	Tera	*/zn-y/	<i>zəni</i>
SUKUR	Sukur	*/sa/	<i>sə</i>
HURZA	Vame	*/sna/	<i>səna</i>
	Mbuko	*/san/	<i>san</i>
MARGI	Margi South	*/y/sn-y/	<i>sini</i>
	Bura	*/y/sn-da/	<i>sɪ̃da</i>
	Kilba	*/zn-y-d/ > */zn-d-y/	<i>zə̃di</i>
MANDARA	Matal	*/ma-sla-y/	<i>masəlay</i>
	Glavda	*/sr-ga/	<i>sirga</i>
MOFU	Ouldeme	*/sa/	<i>sə</i>
	Muyang, Merey,	*/sr/	<i>sər</i>
	Mofu-Gudur		
	Moloko	*/sar/	<i>sar</i>
	Dugwor	*/y/m-sra-y/	<i>masərey</i>
	Mofu North	*/y/ma-sra-y/	<i>mesərey</i>
	Gemzek	*/y/ma-sra/	<i>mesəre</i>
	Mada	*/ma-sla/	<i>masəla</i>
	Giziga-Marva	*/sn/	<i>sən</i>
MAROUA	Mbazla	*/sn-y-k/ > */y/sŋ/	<i>fɪŋ</i>
LAMANG	Lamang, Hdi	*/sna/	<i>sna</i>
HIGI	Bana	*/sna/	<i>səna</i>
	Kamwe-Nkafa	*/sna-ta/	<i>sənata</i>
	Kamwe-Futu	*/y/sn-ga/	<i>sinəgə</i>
KOTOKO-ISLAND	Buduma	*/xn/	<i>hən</i>
KOTOKO-NORTH	Afade	*/w/sr-w-n/	<i>surun</i>
	Mpade	*/y/sn/	<i>sin</i>
KOTOKO-CENTRAL	Mser	*/y/sn/	<i>sin</i>
	Lagwan	*/y/sn/, */y ^w /sn-w-n/	<i>sin,</i> <i>sinwun</i>
KOTOKO-SOUTH	Zina	*/sa/	<i>sə</i>
	Mazera	*/sn-y-ga/ > */y/sŋ-ga/	<i>sɪ̃ga</i>
GIDAR	Gidar	*/sna/,	<i>əsəna,</i>
		*/y/sna/	<i>əsina</i>

Laugh, to

*y^w(a)b(a)sa

BATA	Gude	*/nw/wsa/	<i>nwusə</i>
	Sharwa	*/y/a-m-ws-ka/	<i>amwiskə</i>
	Tsuvan	*/y/a-m-was-k-n/	<i>amweskan</i>
DABA	Daba	*/m-s/	<i>mis</i>
	Buwal, Gavar, Mbudum	*/bas/	<i>bas</i>

MAFA	Mafa	*/m-gwas/ > */η-gwas/	ngwas
TERA	Tera	*/m-s/	məs
SUKUR	Sukur	*/ʃs/	ʃis
HURZA	Vame	*/m-ws/, */m-ws-ya/	muf, mufiya
	Mbuko	*/m-basa-y/	^m basay
MARGI	Bura	*/y ^w /m-kws-y > */y ^w /kwms-y/, */y/m-wsa/, */y/m-sa/	kumfi, mufa, mifa
MANDARA	Glavda	*/w/γ ^w bas-ga/	kubas ^a ga
	Dghwede	*/g ^b asa/	gəp'asa
	Podoko	*/w ^b asa/	ubasa
MOFU	Moloko	*/m-bas/	^m bas
	Merey	*/m-gwasa/ > */η-gwasa/	ηgwasa
	Dugwor	*/m ^y /m-gwasa-y/	mangwesey
	Ouldeme	*/ma-sa-y/	masay
LAMANG	Lamang	*/n/γ ^w bas-a/	γə ^m bas-a
	Hdi	*/w/γ ^w bas-a-y/	γubasay
HIGI	Kirya	*/w ^b s-y/ > */y/ʃws-y/	ʃwif
	Kamwe-Nkafa	*/wʔs-y/ > */y/ʔws-y/	'ufi
	Bana	*/wʔs-y/ > */y/ʔws-y/	'wəfi
	Psikye	*/wʔs-y/ > */y ^w /ʔws-y/, */m-wʔs-y/ > */y ^w /η-ʔws-y/	'wufi η'wufi
	Kamwe-Futu	*/ws-y/	ufi
GIDAR	Gidar	*/a-ma-sa/	əmasa

Leaf		*g ^w (a)l(a)ba	
DABA	Buwal	*/g ^w ala-k ^w /	g ^w alak ^w
	Gavar	*/g ^w ala-k/	g ^w alak
MAFA	Mafa	*/n/ɣaba-y/	ɣa ^m bay
	Cuvok	*/m-gala-k/ > */gamla-k/	gamlak
MANDARA	Matal	*/la/	la
	Podoko	*/lɣba/	lɣaba
	Dghwede	*/lba/	lba
	Mandara	*/lapa/	lapa
MOFU	Mada	*/lɣba/	lɣba
	Dugwor, Zulgo, Merey	*/n/lab-a/	la ^m ba
	Moloko	*/a-laba/	ala ^m ba
	Mofu North	*/lab-a/ > */ba-la/	ba-la
MAROUA	Giziga-Muturwa	*/laʃ/	laʃ
LAMANG	Lamang	*/ba-ya/	baya
	Hdi	*/l/	hl
GIDAR	Gidar	*/n/galba/, */n/galaba/	gal ^m ba, gala ^m ba

Left ₁		*g^w(a)ra	
DABA	Buwal	* ^w /g ^w la/	gwəla
	Mbudum	* ^w /g ^w la/	gula
MAFA	Mafa, Cuvok	* ^w /g ^w la/	gula
HURZA	Mbuko	* ^w /g ^w la/	gula
MOFU	Moloko	* ^w /gla/	gəlo
	Zulgo, Gemzek, Merey, Dugwor, Mofu North, Mofu-Gudur	* ^w /g ^w la/	gula
MAROUA	Giziga-Muturwa, Giziga-Marva	* ^w /g ^w la/	gula
HIGI	Psikye	* ^w /g ^w la/	g ^w əla
KOTOKO-NORTH	Malgbe	* ^y /gal-y/	geli
KOTOKO-CENTRAL	Lagwan	* ^y /ɣla-n/	ɣilan
Left ₂		*ɬaba	
DABA	Daba	* ^y /ɬaba-y/	ɬabay
SUKUR	Sukur	* ^y /ɬaba-y/	ɬabai
MANDARA	Mandara	* ^y /na-ɬaba/	naɬaba
	Malgwa	* ^y /na-laɬa/ * ^y /na-ɬaba/	nathlaɬa, nadhlaɬa
	Podoko	* ^y /ɬaba/	ɬaba
	Dghwede	* ^y /ɬaʔa/	ɬaʔa
	Glavda	* ^y /jaɬa/ * ^y /ɣaɬa/ * ^y /ɣa/	jaɬa, ɣeɬa, ɣa
LAMANG	Lamang, Hdi	* ^y /ɬaba/	ɬaba
HIGI	Bana	* ^y /ɬaɬ(-y)/	ɬeɬ(i)
GIDAR	Gidar	* ^y /ɬaba-y/	ɬabay
Leopard		*d(a)g(a)va	
BATA	Jimi	* ^w /dgva-n/	dəgə ^w an
	Sharwa	* ^y ^w /dgva/	digv ^w a
	Tsuvan	* ^y /dgva/	dəgəva
SUKUR	Sukur	* ^w /dgv-w/ * ^w /dgava-k/	duguvu, dəg ^w avak
MOFU	Zulgo, Gemzek, Merey, Dugwor	* ^y /dva-r/	dəvar
	Mofu-Gudur	* ^y /dva/	dəva
HIGI	Kamwe-Futu, Bana	* ^w /dyava/	dəɣ ^w ava
	Psikye	* ^w /dgava/	dəg ^w ava

Lie down/sleep, to		*x(a)na	
MAFA	Cuvok	*/xana/ > */naxa/	<i>naha</i>
HURZA	Vame	*/xna/	<i>həna</i>
	Mbukok	*/xana-y/ > */naha-y/	<i>nahay</i>
MANDARA	Podoko	*/xna/	<i>həna</i>
	Matal	*/ma-xn/, */y/ma-xn/	<i>mahən,</i> <i>mahin</i>
	Glavda	*/xn-y-ga-na/ > */y/xŋ-ga-na/	<i>xɪˈgana</i> <i>n</i>
MOFU	Mofu-Gudur	*/n/	<i>n</i>
	Zulgo, Merey	*/xna/	<i>həna</i>
	Gemzek	*/ma-xna/	<i>mehəne</i>
	Dugwor	*/ma-na-y/	<i>manay</i>
	Mofu North	*/y/ma-na-y/	<i>meney</i>
MAROUA	Giziga-Marva, Mbazla	*/xn/	<i>hən</i>
LAMANG	Lamang	*/y/xna/	<i>hina</i>
	Hdi	*/xana/	<i>xana</i>
HIGI	Bana	*/xn-y/	<i>xəni</i>
	Kamwe-Nkafa	*/y/xn-g ^w a/	<i>hinig^wə</i>
	Kirya	*/xana-ka/ > */xakana/ > */xaana/	<i>haanaə</i>
KOTOKO-ISLAND	Buduma	*/xna-y/	<i>hənay</i>
Lion ₁		*ɭ(a)vara	
BATA	Gude	*/lvara/	<i>liv^əara</i>
	Tsuvan	*/y/RED-ɭawara/	<i>ɭ^əalɔ^əaware</i>
DABA	Daba	*/y/ɭvar-y/	<i>ɭ^əəvari</i>
	Buwal	*/lvara/	<i>levere</i>
SUKUR	Sukur	*/lvar-y/, */y/rvar-y/	<i>livari,</i> <i>rivari</i>
HURZA	Vame	*/y/lvara/	<i>alvare</i>
MARGI	Margi-South	*/lvar-y/	<i>ləvari</i>
MANDARA	Podoko	*/rvara/	<i>rəvara</i>
	Glavda	*/rvara/, */rva/	<i>arvara,</i> <i>arva</i>
	Malgwa	*/y/rvara/	<i>ərvare</i>
	Mandara	*/y/vara/	<i>evare</i>
LAMANG	Lamang	*/y/rvara/	<i>ərvare</i>
	Hdi	*/y/rvar-y/	<i>rveri</i>
HIGI	Kamwe-Futu	*/lvar-y/	<i>ləvari</i>
	Kirya	*/w/ravana/	<i>wuravanaə</i>
MUSGUM	Mbara	*/dvan-y-k/ > */y/dvan/	<i>divanɔ</i>
Lion ₂		*bar	
DABA	Mbudum	*/w/ma-bar/	<i>mabor</i>
MAFA	Cuvok	*/ma-bar/	<i>mabar</i>

HURZA	Mbuko	*w/RED-bar/	<i>b̄arbor</i>
MOFU	Moloko, Dugwor	*w/ma-bar/	<i>mabor</i>
	Mofu North,	*/ma-bar/	<i>mabar</i>
	Mofu-Gudur		
MAROUA	Giziga-Muturwa,	*w/ma-bar/	<i>mobor</i>
	Giziga-Marva		
Lion ₃		*z(a)y(a)la	
MAFA	Mafa	*y/zala/	<i>zele</i>
HURZA	Mbuko	*y/zyal/	<i>ziyel</i>
MOFU	Zulgo	*/a-zyl/	<i>azil</i>
	Merey	*y/zl/	<i>zil</i>
	Gemzek	*y/zal/	<i>zel</i>
HIGI	Bana	*y/zyl/	<i>zil</i>
Locust		*dz(a)ra	
DABA	Gavar	*y/dzar-y/	<i>d̄zeri</i>
	Buwal, Mbudum	*y/dzara/	<i>d̄zere</i>
MAFA	Mafa	*/dzara-y/	<i>d̄zaray</i>
	Cuvok	*y/dzara-y/	<i>d̄zaray</i>
TERA	Tera	*y/n-dzara/, *y ^w /zaala/	<i>ⁿd̄zere, zoola</i>
SUKUR	Sukur	*/dzala-y/	<i>d̄zalai</i>
HURZA	Vame	*w/dzra-y/	<i>d̄zuray</i>
	Mbuko	*/dzara-y/	<i>d̄zaray</i>
MOFU	Gemzek, Zulgo	*/dzara/	<i>d̄zara</i>
	Mada	*y/dzara/	<i>d̄zara</i>
	Ouldeme, Merey,	*/dzara-y/	<i>d̄zaray</i>
	Mofu North		
	Muyang, Moloko,	*y/dzara-y/	<i>d̄zaray</i>
	Mofu-Gudur		
MAROUA	Giziga-Muturwa	*y/dzara-y/	<i>d̄zaray</i>
HIGI	Bana	*y/dzt/	<i>d̄zir</i>
	Kamwe-Futu	*/dzala/	<i>d̄zala</i>
GIDAR	Gidar	*/zara-y/	<i>zaray</i>
Lung		*b(a)k^w(a)d(a)fa	
BATA	Gude	*w/RED-g ^w yf-na/ > *w/RED-g ^w fy-na/	<i>gugufin̄a</i>
	Sharwa	*y/byf-y/	<i>bȳafi</i>
DABA	Buwal	*/m-payaf/ > */yampaf/	<i>yampaf</i>
	Gavar	*/m-pakaf/ > */kampaf/	<i>kampaf</i>
	Mbudum	*/baxaf/	<i>bahaf</i>
	Daba	*w/pak ^w adf/	<i>pokoduf</i>
MAFA	Mafa	*/baf/	<i>baf</i>
	Cuvok	*y/baf/	<i>bef</i>

TERA	Tera	* ^w /RED-x ^w a ^w p/, * ^w /RED-ff/	<i>xuxup,</i> <i>fuufuf</i>
SUKUR	Sukur	*/bf/	<i>baf</i>
HURZA	Mbukio	*/baf/	<i>baf</i>
	Vame	* ^w /RED-k ^w fa/	<i>kukufa</i>
MARGI	Kilba	* ^w /RED-g ^w v-y/	<i>guguvu</i>
	Margi-South	*/RED-g ^w av-y/	<i>g^wag^wavi</i>
MANDARA	Podoko	*/bfa/	<i>bafa</i>
	Matal	*/paf-RED/	<i>pafaf</i>
MOFU	Ouldeme	* ^y /m-baf/	<i>^mbef</i>
	Merey	* ⁿ /RED-baf/	<i>ba^mbaf</i>
	Dugwor	* ^{nw} /RED-baf/	<i>bo^mbaf</i>
	Zulgo, Gemzek	*/RED-baf/	<i>abaf</i>
	Mofu-Gudur	*/RED-bakaf/	<i>babakaf</i>
	Moloko	*/paxav/	<i>pahav</i>
	Mada	* ⁿ /m-baxaf/	<i>am^mbahaf</i>
MAROUA	Giziga-Marva	* ^w /RED-bw [?] af/	<i>bubu[?]of</i>
	Giziga-Muturwa	* ^{nw} /RED-bag ^w af/, * ^w /bak ^w afa/ > * ^w /bafak ^w a/	<i>bobo[?]gof,</i> <i>bofoko</i>
	Mbazla	*/bagadaf/ > */badagaf/ > */baagaf/	<i>baagaf</i>
LAMANG	Hdi	*/bf/	<i>baf</i>
	Lamang	*/ma-x ^w af-y/, * ^w /ma-x ^w af-y/	<i>max^wafi,</i> <i>maxofi</i>
HIGI	Kamwe-Nkafa	* ^w /RED-g ^w fa/	<i>gugufā</i>
	Kirya	* ^w /RED-g ^w f-y/	<i>gugufi</i>
	Bana	*/bf-y/	<i>bafi</i>
KOTOKO-NORTH	Afade	* ^w /gafa/	<i>gafo</i>
	Mpade	* ^w /kafa/	<i>kofo</i>
KOTOKO-SOUTH	Mazera	* ^y /RED-γ ^w ava/	<i>γ^wavγ^wavi</i>
MUSGUM	Mbara	* ^w /RED-bgaf/	<i>bubugaf</i>
	Vulum	*/bagadaf/ > */badagaf/ > */baagaf/	<i>baagaf</i>
Man, husband		*z(a)d(a)ra	
MARGI	Margi, Margi-South, Kilba	*/sal/	<i>sal</i>
MANDARA	Matal	* ^y /zl/	<i>zıl</i>
	Malgwa	* ^y /zyla/	<i>ziile</i>
	Mandara	* ^y /zala/	<i>zele</i>
MOFU	Moloko	*/zar/	<i>zar</i>
	Mada	*/zala/	<i>zala</i>
	Muyang,	*/zal/	<i>zal</i>
	Gemzek, Merey		
	Dugwor, Mofu-Gudur	* ^y /zal/	<i>zel</i>

MAROUA	Mbazla	*/zl/, */zyl/	zəl, zil
LAMANG	Lamang	*/zɖala/	zɖal(a)
HIGI	Kamwe-Nkafa, Psikye	*/za/	za
	Kirya, Bana	*/zal/	zal
Market		*k(a)s(a)wka	
TERA	Hwana	*/kasw/	kasu
SUKUR	Sukur	*/swk/ > */skw/, * ^w /swk/ > * ^w /skw/	səku, suku
HURZA	Mbuko	* ^w /kaswka/	kwasuko
	Vame	*/kaswka/	kasuka
MARGI	Kilba	*/swk/ > */skw/	səku
MANDARA	Glavda	* ^w /kaswka/, */kaswk/, */kasw/	kasuk ^w a, kasuk, kasu
	Malgwa	* ^{yw} /kaska/	k ^w ask ^w e
	Matal	* ^w /kaswka/	k ^w asəkwa, kosuka
	Podoko	* ^w /kasaka/	k ^w asak ^w a
MOFU	Zulgo, Ouldeme	* ^w /kaska/	k ^w ask ^w a
	Muyang	* ^w /gaskw/	gosku
	Mada	* ^w /gaska/	gosko
	Moloko	* ^w /kasaka/	kosoko
MAROUA	Giziga-Marva	* ^w /kaska/	kosko
HIGI	Kamwe-Futu	* ^{yw} /sk-y/	ʃikwi
	Psikye	*/swk-y/ > * ^{yw} /skw/, */sawk-y/ > * ^{yw} /sakw/	ʃkwu, ʃekwu
KOTOKO-ISLAND	Buduma	*/kaxawga/ > */kaxagwa/	kaxaguə
KOTOKO-NORTH	Mpade	*/kaswg/ > * ^w /kasgw/	kasugu
	Afade	* ^y /gasb-y/	gasibi
	Malgbe	* ^y /RED-gba/	gegbi
KOTOKO-CENTRAL	Lagwan, Mser	*/kaswk/ > */kaskw/	kasku
MUSGUM	Mbara	* ^w /kaska/	kasko
Meat		*l(a)w(a)ɖa	
BATA	Gude	*/lwa/	ləwa
	Jimi	*/lwy-n/ > */lyw-n/	liwən
	Sharwa	*/lwya/ > */lywa/	liwə
	Tsuvan	*/ɭwya/ > */ɭywa/	ɭiwe
DABA	Gavar, Mbudum	*/ɭy/	ɭi
	Buwal	* ^y /ɭay/	ɭey
MAFA	Mafa	* ^{yw} /ɭwad/	ɭuwed
	Cuvok	*/law/	law
TERA	Tera	*/ɭw/	ɭu
SUKUR	Sukur	*/lwy/, * ^{yw} /lwy/	ɭui, luwiy

HURZA	Mbuko	* ^{yw} /ɣwad/	ɣuwed
	Vame	* ^{yw} /ɣwa/	ɣuwe
MANDARA	Matal	*/lb/	lɔb
	Podoko	*/lɓa/	lɔbɔ
	Mandara	* ^y /xwa/	hyua
	Malgwa	* ^w /x ^y wa/	hyuwa
	Glavda	* ^w /lwa/, */l/	tuwa, l
MOFU	Zulgo	*/lw/	lu
	Muyang	*/lw/	alu
	Dugwor, Mofu North	*/law/	law
	Merey	*/law/, * ^w /la/, */ɣaw/	law, lo, ɣaw
	Gemzek	* ^w /la/	lo
	Mada	* ^w /s-la/	oslo
	Mofu-Gudur	*/a-law/	alaw
LAMANG	Lamang	* ^w /lwy/	luwi
	Hdi	*/lwɔ-y/, * ^w /lwɔ-y/ > * ^w /lɔw-y/	lu'i, hlu'wi
HIGI	Kamwe-Futu	* ^y /lya/	tyi
	Psikye	*/ly/	li
	Kirya	* ^y /la/	te
KOTOKO-ISLAND	Buduma	* ^{xw} /	xu
KOTOKO-NORTH	Mpade	* ^y /sw/	fu
	Malgbe	*/lw/	lu
KOTOKO-CENTRAL	Lagwan	*/lw/	lu
	Mser	*/sw/	su
KOTOKO-SOUTH	Zina	*/sw/	asu
MUSGUM	Vulum, Mbara	*/lw-k/	tuk
	Muskum	* ^w /lwt/	luwt
GIDAR	Gidar	* ^w /lwa/	tuwa
Millet ₁		*dawa	
MAFA	Mafa, Cuvok	*/daw/	daw
HURZA	Mbuko	*/m-daw/ > */n-daw/	ⁿ daw
MOFU	Zulgo, Gemzek, Merey	*/daw/	daw
MAROUA	Mbazla	*/daw/	daw
Millet ₂ /sorghum (food)		*d(a)fa	
BATA	Jimi	*/dafa-n/	dafan
MAFA	Mafa, Cuvok	*/daf/	daf
SUKUR	Sukur	*/daf/	daf

HURZA	Vame	*/dʃ-ka/	<i>dəfka</i>
	Mbuko	*/dāf/	<i>dāf</i>
MARGI	Margi	*/dʃa/	<i>dəfə</i>
	Kilba	*/dʃa/	<i>dəfa</i>
MANDARA	Margi-South	*/w/dʃa-w/	<i>dʃfau</i>
	Podoko,	*/dāfa/	<i>dāfa</i>
Mofu	Mandara,		
	Malgwa		
MOFU	Ouldeme,	*/dāf/	<i>dāf</i>
	Muyang,		
MAROUA	Moloko,		
	Gemzek,		
MAROUA	Zulgo, Merey,		
	Mofu-Gudur		
MAROUA	Giziga-Muturwa,	*/dāf/	<i>dāf</i>
	Giziga-Marva		
LAMANG	Lamang, Hdi	*/dāfa/	<i>dāfa</i>
HIGI	Kamwe-Futu,	*/dāfa/	<i>dāfa</i>
	Bana, Kirya		

Millet₃/sorghum (crop)

*x(a)ya

BATA	Sharwa	*/xay-n/	<i>hayən</i>
	Tsuvan	*/y/xa/	<i>he</i>
SUKUR	Sukur	*/xy/	<i>həi</i>
HURZA	Vame	*/a-xay/	<i>ahay</i>
MANDARA	Matal	*/xy/	<i>hi, həy</i>
	Mandara	*/xya/	<i>hia</i>
MOFU	Podoko	*/y/xya/	<i>hiya</i>
	Ouldeme,	*/xay/	<i>hay</i>
	Moloko		
LAMANG	Lamang, Hdi	*/y/xya/	<i>hiya</i>
HIGI	Psikye, Bana	*/xa/	<i>xa</i>
GIDAR	Gidar	*/xaya/,	<i>haya,</i>
		*/xay-ya/	<i>hayya</i>

Millet₄/sorghum

*v(a)y(a)wa

HURZA	Vame	*/vyaw/	<i>viyaw</i>
KOTOKO-ISLAND	Buduma	*/yw/fyaw/	<i>fiyow</i>
KOTOKO-NORTH	Malgbe	*/yw/fya/	<i>fiyo</i>
	Mpade	*/yw/fya/,	<i>fio,</i>
		*/w/m-fa/	<i>mfo</i>
KOTOKO-CENTRAL	Afade	*/yw/faya/	<i>feyo</i>
	Lagwan	*/w/vya/	<i>vio</i>

Monkey		*v(a)d(a)ya	
TERA	Tera	* /vdŷ/ > * ^y /vty/	<i>viti</i>
MANDARA	Malgwa	* ^y /vra/	<i>vəre</i>
	Mandara	* ^y /vara/	<i>vere</i>
	Matal	* /vday/	<i>vəday</i>
	Glavda	* ^y /bry/	<i>biri</i>
MOFU	Muyang	* ^y /vry/	<i>virī</i>
	Ouldeme	* /vray/	<i>vəray</i>
	Zulgo	* ^y /bra/	<i>bire</i>
	Gemzek, Meray, Dugwor	* ^y /bra/	<i>bəre</i>
LAMANG	Lamang	* ^y /vdza/	<i>vdze</i>
	Hdi	* /vdzy/	<i>vdzi</i>
KOTOKO-NORTH	Afade	* ^y /fly/	<i>fīli</i>
	Mpade, Malgbe	* /fly/	<i>fli</i>
GIDAR	Gidar	* /brya/, * ^y /brya/	<i>bərya</i> , <i>briya</i>
Moon ₁		*t(a)ra	
DABA	Daba, Mazagway	* /tra/	<i>təra</i>
	Hidi		
	Buwal, Gavar	* /m-k-tra/ > * /ŋ-tra/	<i>ŋtəra</i> , <i>ŋtra</i>
TERA	Mbudum	* /m-tra/ > * /n-tra/	<i>ntəra</i> , <i>ntra</i>
	Hwana	* /m-dra-y/ > * ^y /n-dra/	<i>ndre</i>
	Tera	* /tara/, * ^y /tsara/	<i>tera</i> , <i>tjera</i> , <i>tjere</i>
SUKUR	Sukur	* ^y /ta-ya/, * /t-ya/	<i>teya</i> , <i>tya</i>
MANDARA	Podoko	* /tra/	<i>təra</i>
	Mandara,	* ^y /tra/	<i>təre</i>
	Malgwa		
	Matal	* /tla/	<i>təla</i>
	Dghwede	* ^y /tla/	<i>tile</i>
	Glavda	* /tla-y/ > * ^y /kla/, * /t-y/ > * ^y /k-y/	<i>k'la</i> , <i>k'i</i>
LAMANG	Lamang	* ^y /tra/	<i>tər(e)</i>
	Hdi	* ^y /tl-y/	<i>tili</i>
HIGI	Psikye	* /tra/	<i>trə</i>
	Kamwe-Nkafa	* /trā /	<i>tərā</i>
	Kirya	* ^y /tr-y/	<i>təri</i>
	Bana	* ^y /tr/	<i>tir</i>
KOTOKO-NORTH	Kamwe-Futu	* ^w /tra/	<i>təro</i>
	Afade	* ^y /dad-ŷ/	<i>dedi</i>
	Mpade	* ^y /tadā/	<i>tedi</i>
	Lagwan, Mser	* ^y /tadā/	<i>tedi</i>
KOTOKO-CENTRAL			

MUSGUM	Vulum	*y/tla/	<i>tle</i>
	Mbara	*y/tla/	<i>tile</i>
	Muskum	*/tla-y/ > *y/kla/	<i>kile</i>
GIDAR	Gidar	*y/tla/	<i>tala,</i>
		*y/tla/	<i>tila</i>
Moon ₂		*k(a)ya	
MAFA	Mafa, Cuvok	*y/kya/	<i>kiya</i>
HURZA	Mbuko, Vame	*y/kya/	<i>kiya</i>
MARGI	Margi, Margi-South, Kilba	*/xya/	<i>hya</i>
MOFU	Mada	*y/kya/	<i>kya</i>
	Moloko	*y/kya/	<i>kəya</i>
	Dugwor, Mofu North, Mofu-Gudur	*y/kya/	<i>kiya</i>
	Zulgo, Gemzek, Merey	*y/kya/	<i>kiye</i>
	Muyang	*y/kya/	<i>kiyi</i>
	Ouldeme	*y ^w /kya/	<i>k^wiyo</i>
MAROUA	Giziga-Muturwa, Giziga-Marva	*y/kya/	<i>kiya</i>
	Mbazla	*y/kya/, *y/kya-x/	<i>kiya, kiyah</i>
KOTOKO-ISLAND	Buduma	*y/kya/	<i>kiya</i>
KOTOKO-SOUTH	Zina	*y/xya/	<i>hiya</i>
	Mazera	*y/kya/	<i>kiya</i>
Mortar ₁		*dz(a)na	
BATA	Jimi	*/ma-dzr-n/ > * ⁿ /a-dzr-n/	<i>aⁿdzərən</i>
	Sharwa	*/m-dzra-y/ > *y/n-dzra/	<i>ⁿdzirə</i>
DABA	Daba	*/m-dzar-y/ > *y/n-dzar/	<i>ⁿdzer</i>
SUKUR	Sukur	*y/y-m-dzr/	<i>yimdzər;</i>
		*y/y-m-zr/	<i>yimzər;</i>
		*y ^{ny} /y-m-zr/	<i>yimnzər</i>
HURZA	Vame	*y/dzra/	<i>dzəre</i>
MARGI	Bura	*/m-dzr-y/ > *y/n-dzr/	<i>ⁿdzir</i>
MANDARA	Podoko, Malgwa	*/dzra/	<i>dzəra</i>
	Mandara	*y/dzara/	<i>dzera</i>
	Glavda	*/dzra/	<i>dz̃əra,</i>
		*dz-y/	<i>dzi</i>
MOFU	Matal	*/dzr-w/	<i>dzərəw, dzəru</i>
	Zulgo	*/dzra/	<i>dzəra</i>
	Mada	*y/a-dzra/	<i>adzra</i>
	Muyang	*y/dzra/	<i>dzəra</i>
	Ouldeme	*w/dzra/	<i>dzəro</i>

LAMANG	Hdi	*/dzr/	<i>dzər</i>
	Lamang	* ^w /dzra/	<i>dzro</i>
HIGI	Kamwe-Nkafa	* ^y /n-dzr-y/	<i>ⁿdziri</i>
	Kamwe-Futu	* ^y /n-dzr/	<i>ⁿdzir</i>
KOTOKO-ISLAND	Buduma	* ^y /a-dzn/, * ^y /a-a-dzn/	<i>adzin,</i> <i>aedzin</i>
KOTOKO-CENTRAL	Mser	* ^y /a-zn/	<i>azin</i>
	Lagwan	* ^y /zn-xa/	<i>zinha</i>
MUSGUM	Muskum	* ^y /tn-y-k/ > * ^y /tɲ/	<i>tɲ</i>
	Vulum	* ^y /a-dn-y-k/ > * ^y /a-dɲ/	<i>adɲ</i>
	Mbara	* ^y /dna-y/	<i>dinay</i>
Mortar ₂		*RED-dz(a)na	
DABA	Mbudum	*/RED-dzan-y-k/ > * ^y /dz-dzaɲ/	<i>dʒidʒeɲ</i>
HURZA	Mbuko	*/RED-dzan-y/ > * ^y /dza-dzan/	<i>dzəⁿdzen</i>
MOFU	Muyang	*/RED-dzn-y-k/ > * ^y /dz-dzɲ/	<i>dʒidʒɲ</i>
	Moloko	*/RED-dzan-y/ > * ^y /ts-dzan/	<i>tʃədʒen</i>
	Merey	*/RED-dzan-y-k/ > * ^y /dzn-dzaɲ/	<i>dzəⁿdzeɲ</i>
	Mofu North	*/RED-dzan-y-k/ > * ^y /dzɲ-dzaɲ/	<i>dʒəɲdʒeɲ</i>
	Dugwor	*/RED-dzan-y-k/ > * ^y /dz-dzaɲ/	<i>dʒədʒeɲ</i>
	Gemzek	*/RED-dzan-y-k/ > * ^y /dzaɲ-dzaɲ/	<i>dʒeɲdʒeɲ</i>
	Mofu-Gudur	*/RED-dzan-y-k/ > * ^y /dza-dzaɲ/	<i>dʒedʒeɲ</i>
MAROUA	Giziga-Muturwa	*/RED-dzn-y-k/ > * ^y /dz-dzɲ/	<i>dʒidʒɲ</i>
	Giziga-Marva	*/RED-dzan-y-k/ > * ^y /dz-dzaɲ/	<i>dʒidʒeɲ</i>
Mother ₁		*ma	
BATA	Tsuvan	* ^y /ma-k-n/	<i>mekən</i>
DABA	Gavar, Mbudum	*/RED-ma/	<i>mama</i>
	Buwal	* ^y /ma-n/	<i>man</i>
	Daba	* ^y /ma-y/	<i>may</i>
MAFA	Mafa	*/RED-ma/	<i>mama</i>
	Cuvok	* ^y /ma/	<i>ma, mamaɲ³</i>

³ A possibly original cognate, but more likely a transfer from French. The recording linguist (R. Gravina) gives as translation not *mère* as in other cases, but *maman*.

SUKUR	Sukur	*/ma/, */RED-ma/	<i>ma, mama</i>
HURZA	Vame	*/RED-ma/	<i>mama</i>
	Mbuko	*/RED-ma-y/, */ma-y/, */ma-n/	<i>mamay, may, man</i>
MARGI	Bura	*/RED-ma/, */ma-ya/	<i>muma, maya</i>
	Margi-South, Kilba	*/RED-ma/	<i>ama</i>
MANDARA	Podoko	*/RED-ma/	<i>mama</i>
	Mandara	*/RED-ma/, */RED-ma/	<i>mama, emma</i>
	Malgwa	*/ma/, */RED-ma/, */RED-ma/ > */m-ma/, */wma/	<i>ma, mama, emma, uuma</i>
MOFU	Moloko, Dugwor	*/RED-ma/	<i>mama</i>
	Zulgo	*/RED-ma/, */RED-m-r/	<i>mama, məməɾ</i>
	Gemzek	*/RED-ma-r/	<i>mamər</i>
	Mada	*/RED-ma-r/, */RED-ma/	<i>mamar, amma</i>
	Muyang	*/RED-ma/	<i>mma</i>
	Mofu North, Merey	*/ma-y(a)/	<i>maya, may</i>
	Ouldeme	*/ma-k-n/ > */ma-ŋ/	<i>maŋ</i>
	Mofu-Gudur		<i>mamaŋ⁴</i>
MAROUA	Giziga-Muturwa	*/ma-xa/, */RED-m-k ^w -n/ > */w/RED-mŋ/	<i>maha, mumuŋ</i>
	Giziga-Marva	*/RED-ma/ > */m-ma/ > */wma/	<i>uma</i>
	Mbazla	*/ma/	<i>ma</i>
LAMANG HIGI	Lamang, Hdi	*/RED-ma/	<i>mama</i>
	Kamwe-Futu	*/RED-ma/	<i>mama</i>
	Kamwe-Nkafa	*/ma/	<i>ma</i>
	Psikye	*/ma/, */m-ya/	<i>ma, miyi</i>
	Kirya	*/m-ya/	<i>mayi</i>
KOTOKO-ISLAND MUSGUM	Buduma	*/ma-n/	<i>man</i>
	Vulum	*/RED-ma-na/ > */a-ma-a/	<i>amaa</i>
	Muskum	*/RED-ma-na/ > */ma-a-na/	<i>maana</i>
GIDAR	Gidar	*/ma/, */RED-ma/	<i>ma, mma, əma</i>

⁴ See previous fn.

Mother ₂		*ya	
MANDARA	Matal	*/ya/ * ^y /ya/	əya, iya
KOTOKO-ISLAND	Buduma	*/RED-ya/ */ya/ * ^y /ya/	yay, yə, yi
KOTOKO-NORTH	Mpade	*/ya/	ya
KOTOKO-CENTRAL	Afade, Malgbe	* ^y /ya/	iya
	Lagwan, Mser	* ^y /ya/	iya
KOTOKO-SOUTH	Zina, Mazera	* ^y /ya/	iya
MUSGUM	Mbara	* ^y /RED-ya/ > * ^y /y-ya/ > * ^y /ʔ-ya/	'iya
Mouse ₁		*k^w(a)s(a)ma	
BATA	Gude	* ^y /xma/	hima
MAFA	Tsuvan	* ^y /xm-k-n/	himkən
	Mafa	*/k ^w ama/	k ^w ama
TERA	Tera	* ^w /ʃ ^w m/	yum
SUKUR	Sukur	* ^w /k ^w m/	kum
HURZA	Mbuko	* ^w /k ^w xam/	kuhom
	Vame	*/k ^w am/	k ^w am
MANDARA	Matal	* ^w /k ^w fa/	k ^w əfu, kufu
	Podoko	* ^w /k ^w ma/	kuma
MOFU	Ouldeme	* ^w /k ^w m/	kum
	Merey	* ^w /k ^w xm/	kuhum
	Muyang	* ^w /a-kfm/	akfum
	Moloko	* ^w /gmsa/	gəmso
	Ouldeme	* ^w /g ^w amsa/	g ^w amso
	Zulgo	* ^w /k ^w axm/	k ^w ahum
	Gemzek, Dugwor	* ^w /k ^w axam/	kohom
	Mofu North	*/x ^w am/	h ^w am
	Mofu-Gudur	*/a-x ^w am/	ah ^w am
	Moloko	* ^w /a-kfam/	okfom
LAMANG	Lamang	*/m-gma/ > */m-mga/ > */m-bga/	mbəga
	Hdi	*/g ^w zm-r/ > * ^w /mg ^w z-r/	muguzur
HIGI	Psikye	* ^w /k ^w a/	k ^w u
	Bana	* ^w /k ^w m/	kum
KOTOKO-NORTH	Mpade	* ^w /k ^w sma/	kusumu
	Maltam	* ^y /bsm/	bisim
	Malgbe	* ^y /gbm/	gbim
KOTOKO-CENTRAL	Lagwan	* ^w /xsm-y/	xsumi
	Mser	* ^w /k ^w sm/	kusum
KOTOKO-SOUTH	Zina	* ^w /a-ksm/	aksum
	Mazera	* ^y ^w /k ^w sma/	kusime

MUSGUM	Vulum, Mbara Muskum	* ^w /k ^w sm/ * ^w /g ^w zm/	<i>kusum</i> <i>guzum</i>
Mouse ₂		*kat(a)kama	
DABA	Daba	*/katakam/	<i>katakam</i>
MAROUA	Giziga-Muturwa, Giziga-Marva	* ^w /katakam/	<i>kotokom</i>
GIDAR	Gidar	*/katkam/	<i>katkam</i>
Mouth		*m(a)ya	
BATA	Gude, Sharwa, Tsuwan	*/ma/	<i>ma</i>
	Jimi	*/ma-n/	<i>man</i>
DABA	Buwal, Gavar, Mbudum, Daba	*/ma/	<i>ma</i>
MAFA	Mafa, Cuvok	*/ma/	<i>ma</i>
TERA	Tera	* ^y /ma/	<i>me</i>
SUKUR	Sukur	*/m-k ^w / > * ^w /ŋ-w/	<i>ŋ^wu</i>
HURZA	Mbuko	*/ma-ʔ/ > */ʔam/	<i>'am</i>
	Vame	* ^y /ma/	<i>me</i>
MARGI	Bura	*/mya/	<i>mya</i>
	Margi-South	*/mya/, * ^y /mya/	<i>mya,</i> <i>miya</i>
	Kilba	*/mya/ > */nya/	<i>nya</i>
MANDARA	Podoko	*/wa/	<i>wa</i>
	Mandara, Malgwe	* ^y /wa/	<i>we</i>
	Dghwede	* ^y ^w /RED-wa/	<i>wuwe</i>
MOFU	Ouldeme, Muyang, Moloko	*/ma/	<i>ma</i>
	Merey	* ^y /ma/	<i>me</i>
	Dugwor, Mofu North, Mofu-Gudur	* ^y /may/	<i>mey</i>
	Mada	*/ma-x-ma/	<i>mamma</i>
	Zulgo	*/a-x-m/	<i>ahəm</i>
MAROUA	Giziga-Marva	* ^y /ma/	<i>me</i>
	Mbazla	* ^y /ma/, * ^y /ma-ʔ/	<i>me,</i> <i>me'</i>
LAMANG	Lamang	* ^y /a-wa/	<i>ewe</i>
	Hdi	*/wy/	<i>wi</i>
HIGI	Kirya, Bana	*/my/	<i>mi</i>
KOTOKO-SOUTH	Zina	*/my/	<i>mi</i>
	Mazera	* ^y /ma/	<i>me</i>

MUSGUM	Mbara	*/may/	<i>may</i>
	Mulwi	*/may-g-n/ > * ^{ny} /ma-g/	<i>me^g</i>
	Vulum	*/may-k-n/ > * ^y /ma-ŋ/	<i>mej</i>
	Muskum	*/m-t-k ^w / > */m-w-t/	<i>mut</i>
GIDAR	Gidar	*/ma/, */ma-ʔ/	<i>ma,</i> <i>ma'</i>
Navel		*z(a)b(a)-x^w(a)ɖa	
BATA	Bata	* ^{nwy} /sb-wɖa/	<i>su^mbudɛ</i>
	Sharwa	* ^{ny} /zb-wɖa/	<i>zɪ^mbudɛ</i>
	Jimi	* ^{ny} /zb-wɖ-n/	<i>zɛ^mb^wɛdɛn</i>
MAFA	Mafa	*/m-za-l-y/ > * ^y /zmal/	<i>zimel</i>
MARGI	Margi-South	* ^{nwy} /sb-wɖa/	<i>fɛ^mbudu</i>
	Kilba	* ^{nwy} /sb-wɖa/	<i>fɪ^mbudɪ</i>
MANDARA	Podoko	* ^{ny} /zba/	<i>zɪ^mba</i>
	Dghwede	* ^{ny} /zba/	<i>zɪ^mbe</i>
	Mandara, Malgwa, Glavda	* ^{ny} /zaba/	<i>za^mba</i>
MOFU	Ouldeme, Muyang	* ^{ny} /zba-l/	<i>zɪ^mbel</i>
LAMANG	Lamang	* ^{nwy} /zba/	<i>zɪ^mbo</i>
HIGI	Kamwe-Nkafa	* ^{ny} /zb-w-y/	<i>zɪ^mb^wi</i>
	Kirya	* ^{ny} /zb-wr/	<i>zɪ^mbur</i>
	Bana	* ^{ny} /zba-r/	<i>zɪ^mber</i>
	Kamwe-Futu	* ^{ny} /zab-w-y/	<i>zɛ^mb^wi</i>
KOTOKO-NORTH	Afade	* ^y /RED-tsm/	<i>tsimtsim</i>
	Maltam, Mpade	* ^y /RED-sm/	<i>simsim</i>
	Mpade	* ⁿ /sab-w/	<i>sa^mbu</i>
Neck ₁ , voice		*ɣ^w(a)r(a)ya	
BATA	Sharwa	* ^w /wra/	<i>wura</i>
	Jimi	* ^w /wra-n/	<i>wuran</i>
	Gude	* ^w /wra/	<i>uura</i>
	Tsuvan	* ^w /wla/	<i>wula</i>
DABA	Gavar, Daba	* ^w /wla/	<i>wɛla</i>
	Buwal	* ^w /wla/	<i>ula</i>
	Mbudum	* ^w /wla/	<i>wula</i>
MAFA	Mafa	*/daya/	<i>daya</i>
SUKUR	Sukur	* ^w /ʔay/	<i>'oy</i>
MARGI	Bura, Kilba	* ^w /wlya/	<i>wulya</i>
	Margi-South	* ^{yw} /glya/	<i>gyuliya</i>
MOFU	Gemzek	*/bɖya/ > * ^y /byɖa/	<i>biyɖa</i>
	Zulgo	*/ɖa/	<i>ɖa</i>
	Merey, Dugwor, Mofu-Gudur	*/ɖay/	<i>ɖay</i>

MAROUA	Giziga-Marva	*/ay/	ay
	Mbazla	*/ʔay/, */ʔaya/ > */ayaʔ/	'ay, ayi'
LAMANG	Lamang	*/y/wla-ka/	uleke
HIGI	Kamwe-Nkafa	*/w/wlya/	wulyə
	Kamwe-Futu	*/y ^w /wlya/	wulyi
	Kiryā	*/y ^w /wry/	wuɾi
	Bana	*/wry/	wəri
KOTOKO-SOUTH	Zina	*/w/wny/	wuni
	Mazera	*/y ^w /y ^w la/	yule
MUSGUM	Mulwi	*/y/wla/	wile
GIDAR	Gidar	*/w/wla/, */wla-ʔ/	wula, wəla'
Neck ₂		*ɣ(a)w(a)ya	
MAFA	Cuvok	*/wway/	uway
MOFU	Ouldeme	*/xway/	h ^w ay
KOTOKO-ISLAND	Buduma	*/w/wy/	wuy
KOTOKO-NORTH	Afade, Mpade, Malgbe	*/wa/	we
KOTOKO-CENTRAL	Lagwan	*/y/ywaa/	y ^w ae
	Mser	*/wa/	wa
Night		*r(a)v(a)ɖa	
BATA	Gude	*/vɖa/	vəɖa
	Sharwa	*/y/vɖa/	viɖə
	Jimi	*/vɖ-n/	vəɖən
MAFA	Mafa	*/vad/	vad
	Cuvok	*/vad/, */lva-k-n/ > */lva-ŋ/	vad, ləvaŋ
TERA	Tera	*/vɖ-y-k/ > */vɖ-k-y/	viɖki
	Hwana	*/fɖ-y-g-ra/	fɖiŋ.ɪa
SUKUR	Sukur	*/vɖ/, */vay/	vəɖ, vay
HURZA	Mbukō	*/w/lva-n/	luvon
	Vame	*/w/lvad/	luvad
MARGI	Bura	*/y/vr(-y)/	vir(i)
	Margi	*/y/vʔ-y/	vi'i
	Margi-South	*/y ^w /vʔ-y/	v ^w i'i
	Kilba	*/w/vʔ-y/	vu'i
MANDARA	Matal	*/vɖ/	vəɖ
	Podoko	*/vɖa/	vəɖa
	Glavda	*/vɖ(a)/	av ^ə d(a)
	Dghwede	*/y/vɖa/	viɖ'e, viɖ'e
	Mandara	*/y/vad-ya/ > */vay-ya/	vayia

MOFU	Zulgo	*/x-vd/	<i>həvəd</i>
	Muyang	*/vad/	<i>vad</i>
	Gemzek	*/x-vad/	<i>həvəd</i>
	Mofu-Gudur	*/ta-vad/	<i>tavad</i>
	Mofu North	*/y/sa-vad/	<i>sevad</i>
	Ouldeme	*/lavad/	<i>lavad</i>
MAROUA	Mbazla	*/w/vd/, */vt/	<i>avud,</i> <i>avut</i>
	Lamang	*/y/rvd-y/	<i>rvidi</i>
LAMANG	Hdi	*/y/rvd-y-k/	<i>rəvidik</i>
	Kamwe-Futu, Psikye	*/y/vd-y/	<i>vidi</i>
	Kamwe-Nkafa	*/vra/	<i>vəɾə, və.ə</i>
	Kirya	*/vla/	<i>vəle</i>
	KOTOKO-NORTH	*/fada/	<i>fade</i>
KOTOKO-CENTRAL	Afade, Mpade, Malgbe		
	Mser	*/n-vada/	<i>nvade</i>
	Lagwan	*/n-vada/, */m-vada/	<i>nvade,</i> <i>mvade</i>
KOTOKO-SOUTH	Zina	*/lvy-n/	<i>ləvin</i>
	MUSGUM	*/dvy-k/	<i>divik</i>
	Vulum	*/dv-k/	<i>dɪvik</i>
	Mbara	*/dvda-y/	<i>divi'day</i>
	Muskum	*/rvl/	<i>arvil</i>
GIDAR	Gidar	*/dfda/	<i>dəfda</i>
Nose		*x ^w (a)ts(a)na	
BATA	Sharwa	*/tsna/	<i>tʃinə</i>
	Tsuvan	*/m-tsna/	<i>mətʃinə</i>
	Gude	*/sna/	<i>ʃinə</i>
	Bata	*/sna/	<i>ʃinə</i>
	Jimi	*/sn-n/	<i>ʃənən</i>
DABA	Daba	*/m-tsʔ-n/	<i>mitʃi'n</i>
	Gavar	*/m-tsɾ/	<i>mtsər</i>
	Mbudum	*/m-x ^w tsɾ-y/ > */y ^w /n-tsɾ/	<i>ntʃɪr</i>
	Buwal	*/m-tsar/	<i>mtʃar</i>
MAFA	Mafa	*/xtsan/	<i>hətsan</i>
	Cuvok	*/xtan-k/ > */xtaŋ/	<i>hətaŋ</i>
SUKUR	Sukur	*/sn/	<i>ʃin</i>
HURZA	Mbuko	*/y ^w /tsan/	<i>tʃæn</i>
	Vame	*/xtsan-y-k/ > */y/xtsaŋ/	<i>hətʃeŋ</i>
MARGI	Bura	*/y ^w /k ^w tsɾ/	<i>kutʃɪr</i>
	Margi	*/m-tsɾ/	<i>mtʃɪr</i>
	Margi-South, Kilba	*/tsɾ/	<i>tʃɪr</i>

MANDARA	Podoko	*/ftra/	<i>fətəra</i>
	Glavda	*/xtra/	<i>x^ɔtra</i>
		*/xta/	<i>xətə</i>
	Dghwede	*/y/xtra/	<i>xtire</i>
	Matal	*/y/tr/	<i>tir</i>
	Mandara	*/y/ktara/	<i>ektare</i>
MOFU	Malgwa	*/y/ktara/	<i>əktare</i>
	Zulgo	*/y/xtr/	<i>hitir</i>
	Gemzek, Merey	*/y/xtar/	<i>həter</i>
	Mofu North	*/xatar/	<i>hatar</i>
	Mofu-Gudur	*/y/xatar/	<i>heter</i>
	Dugwor	*/y/m-tar/	<i>məter</i>
	Moloko	*/ny/xdar/	<i>hə^ɔder</i>
	Muyang	*/ny/xdr/	<i>hi^ɔdir</i>
	Ouldeme	*/n ^w /x ^w dar/	<i>hu^ɔdar</i>
	Mada	*/ny ^w /xdar/	<i>h^ɔdoer</i>
MAROUA	Giziga-Muturwa	*/x ^w tn-k/ > */x ^w tnj/	<i>hutunj</i>
	Mbazla	*/ktn-y-k/ > */ktnj/	<i>kitinj</i>
	Giziga-Marva	*/x ^w tan/	<i>huton</i>
LAMANG	Lamang	*/y/xtsn-y/, */xtsn-y-k/ > */xtsn-k-y/ > */y/xtsnj(-y)/	<i>htsini</i> , <i>htsnj(i)</i>
HIGI	Hdi	*/xtsn-y-k/ > */y/xtsnj/	<i>hətsinj</i>
	Kamwe-Nkafa	*/m-xts-y/ > */n-xts-y/ > */y/n-tsx-y/	<i>ntfhi</i>
	Kamwe-Futu	*/m-ts-y/ > */y/n-ts-y/	<i>ntfi</i>
	Kirya	*/m-tsn/ > */y/n-tsn/	<i>ntfin</i>
	Bana	*/y/ksn/	<i>kʃən</i>
KOTOKO-ISLAND	Buduma	*/y/tsna-y/	<i>tʃənay</i>
KOTOKO-NORTH	Afade	*/y/tsn/	<i>tsin</i>
	Maltam	*/y/sn/	<i>sin</i>
	Malgbe	*/ksn-y/ > */y/skn/	<i>skin</i>
	Malgbe	*/ksara-y/ > */y/skara/	<i>skare</i>
	Mpade	*/xasan/	<i>hasan</i>
KOTOKO-CENTRAL	Lagwan	*/y/xsn-y/	<i>xsini</i>
	Mser	*/y/asn/	<i>asin</i>
KOTOKO-SOUTH	Mazera	*/y/xtsna/	<i>hitfine</i>
	Zina	*/xsn-y-k/ > */y/xskn-y/	<i>hiskini</i>
Oil, fat		*m(a)ra	
BATA	Sharwa	*/mara/	<i>marə</i>
	Jimi	*/mara-n/	<i>marən</i>
DABA	Buwal	*/y/mal/	<i>mel</i>
	Gavar	*/y/mal-y/	<i>mali</i>
MAFA	Cuvok	*/mal/	<i>mal</i>
	Mafa	*/m-bar/	<i>^mbar</i>

TERA	Tera	*/mar/, * ^w /mar/	<i>mar,</i> <i>mor</i>
SUKUR	Sukur	* ^y /mr/	<i>mir</i>
HURZA	Mbuko	*/a-mar/	<i>amar</i>
	Vame	* ⁿ /a-bar/	<i>a^mbar</i>
MARGI	Bura, Kilba	*/mal/	<i>mal</i>
MANDARA	Matal	*/a-mal/	<i>amal</i>
	Podoko	*/mala/	<i>mala</i>
	Glavda	*/wal(a)/, */wa/	<i>wala, wal,</i> <i>wa</i>
MOFU	Zulgo, Gemzek, Mofu North, Mofu-Gudur, Merey	*/mal/	<i>mal</i>
	Ouldeme, Mada, Muyang	*/a-mal/	<i>amal</i>
	Moloko	*/a-mar/	<i>amar</i>
MAROUA	Giziga-Muturwa, Giziga-Marva	*/mal/	<i>mal</i>
KOTOKO-SOUTH	Zina	*/a-ml/	<i>aməl</i>
	Mazera	* ^y /a-mla/	<i>amle</i>
MUSGUM	Muskum	* ^{yw} /ml-t-w/	<i>miltuw</i>
	Mbara	*/mal/	<i>mal</i>
	Vulum	* ^y /a-mal/	<i>amel</i>
GIDAR	Gidar	* ^y /mala/	<i>mele</i>
Path, way, road		*ts(a)v(a)ɗa	
BATA	Sharwa	* ^y /tva/	<i>tivə</i>
	Tsuvan	* ^y /tva/	<i>təve</i>
	Jimi	*/tv-n/	<i>təvən</i>
DABA	Gavar	*/tf/	<i>təf</i>
	Buwal	*/taf/	<i>taf</i>
	Daba	*/ka-tfʔ/	<i>kataf</i>
	Mbudum	*/ka-taf/	<i>kataf</i>
MAFA	Mafa	* ^y /tsvad/	<i>tʃived</i>
	Cuvok	* ^y /tsvay/	<i>tʃəvey</i>
TERA	Tera	*/m-dva/ > */n-dva/, */m-k-dzvya/ > * ^{ny} /g-dzyva/	<i>ndəva,</i> <i>ngⁿdʒiva</i>
SUKUR	Sukur	* ^y /tsvy/	<i>tʃivi</i>
HURZA	Mbuko	* ^y /tsvad/	<i>tʃəved</i>
MANDARA	Podoko	* ^y /tva/	<i>tive</i>
	Matal	* ^y /RED-tavy/	<i>te^hv(i)</i>
MOFU	Ouldeme	* ^y /tvy/	<i>tivi</i>
	Muyang	* ^y /dvy/	<i>divi</i>
	Moloko, Merey, Dugwor, Mofu North, Mofu- Gudur	* ^y /tsvad/	<i>tʃəved</i>

MAROUA	Mbazla	*y/dzvy/ *y/dvy/ */dvʔ-y/ > *y/dvyʔ/	<i>dzivi,</i> <i>divi,</i> <i>divi'</i>
	Giziga-Marva	*y/dzvad/	<i>dzived'</i>
LAMANG	Hdi	*y/tvy/	<i>tvi</i>
	Lamang	*y/tva/	<i>tve</i>
MUSGUM	Vulum, Mulwi	*y/tfy-k ^w / > *y ^w /fty/	<i>futii</i>
	Mbara	*y/tfa-y/	<i>tifay</i>
GIDAR	Gidar	*y/tva/	<i>tive</i>
Porcupine ₁		*ts(a)x^w(a)ɖa	
HURZA	Mbuko	*m-tsax/	<i>mətsah</i>
	Vame	*n/a-zax/	<i>anzah</i>
MARGI	Bura	*n/ma-ts-y-na/	<i>mantsina</i>
	Margi South	*m-tsa/	<i>mətsa</i>
MANDARA	Matal	*y/a-tsx-y/	<i>ætʃhi</i>
	Malgwa	*y/RED-tsx-a/	<i>tʃitʃiha</i>
	Mandara	*y/RED-tsx ^w a/	<i>tʃetʃeh^we</i>
	Glavda	*n/a-va-d̥za/	<i>avand̥za</i>
MOFU	Ouldeme	*y/a-tsx ^w -y/	<i>atsih^wi</i>
	Muyang	*y/a-tsx-y/	<i>etʃihi</i>
	Zulgo	*y/tsaxa/	<i>tsehe</i>
	Gemzek, Merey, Mofu North	*m-dzxad-y/ > *y/n-dzxad/	<i>ⁿdzəhed'</i>
	Dugwor	*m-dzaxad-y/ > *y/n-dzaxad/	<i>ⁿdzəhed'</i>
	Moloko	*ma-dzaxad-y/ > *ny/a-dzaxad/	<i>eⁿdzəhed'</i>
Porcupine ₂		*dz(a)m(a)k^wa	
BATA	Gude	*dm-ya/	<i>dəməya</i>
	Sharwa, Tsuvan	*y/dmaʔa/	<i>dima'a</i>
DABA	Gavar	*zma-y-n/ > *y/zma-m/	<i>zimam</i>
	Buwal	*zma-k-y-n/ > *y/zmaŋ/	<i>zəməŋ</i>
	Mbudum	*m-zabk-y-n/ > *ny/zabŋ/	<i>ze^mbəŋ</i>
	Daba	*n/zaba-n/	<i>za^aban</i>
MAFA	Cuvok	*n/dbk ^w / *ny/dbak ^w /	<i>də^mbək^w,</i> <i>də^mbək^w</i>
	Mafa	*ny/dbak ^w /	<i>dī^mbək</i>
SUKUR	Sukur	*y/dzmk/	<i>dzimək</i>
MANDARA	Podoko	*ny/dbka/	<i>dī^mbike</i>
MOFU	Mofu-Gudur	*damk ^w a-y/ > *damyak ^w /	<i>damyak^w</i>
LAMANG	Hdi	*ny/dbk ^w /	<i>dī^mbik^w</i>
HIGI	Bana	*y/tsmka/	<i>tʃiməkə</i>
	Kirya	*y/tsmxw/	<i>tʃiməhu</i>

Pus		*r(a)w(a)ḍa	
BATA	Gude	*/rwʔ-na/ > */rʔw-na/	<i>rə 'unə</i>
	Jimi	*/w/rwʔ-n/	<i>ru 'un</i>
	Sharwa	*/y ^w /rḍ-k/	<i>ryəḍ^wək</i>
	Bata	*/y ^w /raa-ta/	<i>reeto</i>
DABA	Mbudum	*/lwḍ-y/ > */y/wlḍ/	<i>wiliḍ</i>
	Gavar	*/lwad-y/ > */y/wlad/	<i>wələḍ</i>
	Daba	*/lwad-y/ > */y/wlad/	<i>wiled</i>
	Buwal	*/lwad-y/ > */y/wlad/	<i>uled</i>
MAFA	Cuvok	*/y/RED-laḍ/	<i>leleḍ</i>
	Mafa	*/ravaḍ-k ^w / > */w/varaḍ/	<i>vorob</i>
TERA	Tera	*/ra/	<i>ra</i>
SUKUR	Sukur	*/m-rw/	<i>məru, mərəu</i>
HURZA	Vame	*/rwd-y/ > */y/drw/	<i>ḍiru</i>
	Pelasla	*/rawd-y/ > */y/draw/	<i>ḍiraw</i>
	Mbuko	*/rawd-y/ > */y/draw/	<i>ḍərew</i>
MARGI	Bura	*/lw/	<i>lu</i>
	Margi, Kilba	*/lwʔa/	<i>lu 'u</i>
MANDARA	Podoko	*/lḍa/	<i>lḍa</i>
	Glavda	*/lw/, */w/lwa/	<i>lu, luwa</i>
	Mandara	*/lw/	<i>lua</i>
	Malgwa	*/lw/, */y ^w /lwa/	<i>luwa, əluwe</i>
MOFU	Matal	*/a-law/	<i>alaw</i>
	Muyang	*/a-lw/	<i>alu</i>
	Gemzek	*/a-lḍ/	<i>aləḍ</i>
	Ouldeme	*/a-l/	<i>aləl</i>
	Mada	*/w/a-lla/	<i>ollo</i>
	Moloko	*/w/a-ra-x/, */y ^w /a-laḍ/	<i>oroh, aloeḍ</i>
	Merey	*/y ^w /RED-laḍ/, */w/RED-laḍ/	<i>leloeḍ, loloḍ</i>
	Dugwor	*/w/RED-laḍ/	<i>loloḍ</i>
MAROUA	Mofu-Gudur	*/RED-laḍ/	<i>lalaḍ</i>
	Mofu North	*/RED-law/	<i>lalaw</i>
	Giziga-Muturwa	*/w/RED-laḍ/	<i>lulu</i>
HIGI	Giziga-Marva	*/w/RED-laḍ/	<i>luloḍ</i>
	Bana	*/lwʔa/ > */lʔwa/	<i>lə 'wə</i>
	Kamwe-Nkafa	*/lwʔa/ > */w/lʔwa/, */lwḍa-y/ > */y/lḍwa/	<i>lə 'uwwə, ləḍwə</i>
MUSGUM	Kamwe-Futu	*/w/lwa/	<i>ləuo</i>
	Mulwi	*/a-lw/	<i>alu</i>
GIDAR	Gidar	*/lw-y/ > */y/wl-y/	<i>wili</i>

Quiver		*y^w(a)dza	
BATA	Gude, Sharwa	*/k ^w adza/	k ^w adza
	Jimi	*/k ^w adza-n/	k ^w adzan
SUKUR	Sukur	*/wadz-y/	wadzi, wadzəi
MARGI	Margi South	*/k ^w adza/	k ^w adza
	Bura	*/y/k ^w adza/	k ^w adza
	Kilba	*/y/g ^w adza/	g ^w adza
LAMANG	Lamang	*/y/ɣ ^w adza/	ɣ ^w edze
	Hdi	*/y/ɣ ^w adz-y/	ɣ ^w adzi
HIGI	Kamwe-Nkafa	*/y ^w /g ^w tsa/	gutʃə
	Bana	*/y ^w /g ^w ts-y/	gutʃi
	Kirya	*/y ^w /g ^w ts-y-l/	gutʃil
Rain		*v(a)na	
BATA	Gude	*/vna/	vəna
	Sharwa	*/w/vna/	v ^w ənə
	Jimi	*/vn-w-n/ > */vwn-n/	vuunən
	Tsuvan	*/y ^w /vana/	v ^w ene
DABA	Buwal, Daba	*/van/	van
	Mbudum	*/van-k/ > */vaŋ/	vaŋ
	Gavar	*/ma-na-van/	manavan
HURZA	Mbuko	*/a-van-y/ > */y/a-van/	iven
	Vame	*/a-van-y-k/ > */y/a-van/	aveŋ
MARGI	Margi	*/padā/	padə
	Kilba	*/par/	par
MOFU	Ouldeme,	*/a-vr/	avər
	Muyang		
	Moloko, Mofu-Gudur	*/var/	var
MAROUA	Giziga-Marva	*/w/van/	von
HIGI	Kamwe-Nkafa,	*/va/	va
	Kamwe-Futu,		
	Psikye		
MUSGUM	Kirya, Bana	*/van/	van
	Vulum, Mulwi	*/fan-k/ > */faŋ/	faŋ
GIDAR	Gidar	*/w/bna/	buna
Rainbow, drought, famine		*k^w(a)ra	
DABA	Buwal	*/k ^w ala-y/	k ^w alay
	Mbudum	*/w/k ^w ala-y/	kolay
	Gavar	*/m-k ^w ala-y/ > */ŋ-k ^w ala-y/	ŋk ^w alay
MAFA	Mafa	*/k ^w ara-y/	k ^w aray
HURZA	Cuvok	*/k ^w ala-y/	k ^w alay
	Mbuko	*/w/k ^w la-y/	kulay

MOFU	Gemzek	* ^w /k ^w la/, */ma-kla-x/	<i>kula,</i> <i>makəlah</i>
	Merey, Zulgo	*/ma-kla-x/	<i>makəlah</i>
	Mofu North, Mofu-Gudur	*/k ^w ala-y/	<i>k^walay</i>
	Moloko	* ^w /k ^w ala-y/	<i>kolay</i>
	Ouldeme	* ^w /ma-k ^w ala-y/	<i>mak^walay</i>
	Muyang	* ^w /ma-k ^w al/	<i>mak^wal</i>
MAROUA	Giziga-Muturwa	*/k ^w ala-y/	<i>k^walay</i>
	Giziga-Marva	* ^w /k ^w ala-y/	<i>kolay</i>
Rainy season		* vya	
BATA	Gude	*/vya-na/	<i>vyanə</i>
	Jimi	*/vya-n/	<i>vyan</i>
	Sharwa	*/vya/	<i>vya</i>
DABA	Buwal	*/vya/	<i>vəya</i>
	Gavar, Mbudum, Daba	* ^y /vya/	<i>viya</i>
MAFA	Mafa, Cuvok	* ^y /vya/	<i>viya</i>
SUKUR	Sukur	*/vy/	<i>vi</i>
HURZA	Mbuko	* ^y /vya/	<i>viya</i>
MARGI	Margi	* ^y /vya/	<i>viya</i>
	Bura	* ^y /vya/	<i>viya, aviya</i>
	Margi-South	* ^{y^w} /vya/, * ^w /vya/	<i>v^wiya,</i> <i>vuya</i>
	Kilba	* ^w /vya/	<i>uvuya</i>
MANDARA	Matal	* ^y /vya/	<i>v^ya</i>
	Podoko, Malgwa	* ^y /vya/	<i>viya</i>
	Mandara	*/vya/	<i>via</i>
	Glavda	*/vya-k/	<i>viak</i>
MOFU	Muyang	*/vy/	<i>vi</i>
	Moloko	* ^y /vya/	<i>vəya</i>
	Dugwor	* ^y /vya/	<i>viya</i>
	Zulgo, Gemzek	* ^y /vya/	<i>viye</i>
	Ouldeme	* ^{y^w} /vya/	<i>viyo</i>
	Mofu North, Mofu-Gudur	* ^y /pya/	<i>piya</i>
MAROUA	Giziga-Muturwa, Giziga-Marva, Mbazla	* ^y /vya/	<i>viya</i>
LAMANG	Lamang, Hdi	* ^y /vya/	<i>viya</i>
HIGI	Kamwe-Futu, Bana, Kirya	* ^y /vya/	<i>viya</i>
MUSGUM	Vulum	* ^y /pya/	<i>apiya</i>
	Mbara	* ^y /pya/	<i>piya</i>

Ram		<i>*g^w(a)z(a)ma</i>	
MAFA	Cuvok	<i>*y/zam/</i>	<i>zem</i>
MANDARA	Matal	<i>*/ma-gadzaw/</i>	<i>magadzaw</i>
MOFU	Mofu North	<i>*y/zam/</i>	<i>zem</i>
	Dugwor	<i>*y/zam/</i>	<i>azem</i>
	Mofu-Gudur	<i>*y/zam/</i>	<i>ezem</i>
	Giziga-Marva	<i>*y/zm/</i>	<i>izim</i>
MAROUA	Mbazla	<i>*y/ʔazam/</i>	<i>'azem, 'ezem</i>
KOTOKO-NORTH	Afade	<i>*/ʔsm-y/ > *y/sʔm/</i>	<i>s'im</i>
	Mpade	<i>*/sam/</i>	<i>sam</i>
	Malgbe	<i>*y/wyam/</i>	<i>wiyam</i>
KOTOKO-CENTRAL	Lagwan	<i>*y/wzm-y/</i>	<i>uzimi</i>
	Mser	<i>*/wzam/</i>	<i>uzam</i>
Rat		<i>*d(a)w(a)na</i>	
DABA	Buwal	<i>*n^w/ma-dəwan/</i>	<i>maⁿduwan</i>
	Daba	<i>*n/ma-dəwan/</i>	<i>maⁿdəwan</i>
MAFA	Mafa	<i>*/ma-dwa/, *w/ma-dwa/</i>	<i>madəwa, maduwa</i>
SUKUR	Cuvok	<i>*/ma-dwan-k/ > */ma-dwan/</i>	<i>madwan</i>
	Sukur	<i>*/m-dwan/, *w/m-dwan/</i>	<i>madwan, mudwan</i>
HURZA	Mbuko	<i>*w/m-RED-dwan/</i>	<i>mədəduwan</i>
MANDARA	Podoko	<i>*/ma-dwana/</i>	<i>madəwana</i>
MOFU	Zulgo	<i>*/ma-dwn-y-k/ > *y/ma-dwŋ/</i>	<i>mediwiŋ</i>
	Moloko	<i>*/m-dwan/</i>	<i>madəwan</i>
	Muyang	<i>*/ma-dwan-k/ > */ma-dwan/</i>	<i>madwan</i>
	Gemzek, Merey	<i>*/ma-dwan-k/ > *w/ma-dwan/</i>	<i>maduwan</i>
	Mofu-Gudur	<i>*/ma-dwan-k/ > *n/ma-dwan/</i>	<i>maⁿdəwan</i>
Razor ₁		<i>*p(a)d(a)k^wa</i>	
BATA	Gude	<i>*y/pdk^wa/</i>	<i>pidək^wa</i>
DABA	Mbudum	<i>*y/pdā-d/</i>	<i>pydēd</i>
	Buwal	<i>*y/pdak^w/</i>	<i>pədek^w</i>
	Daba	<i>*y/pdak/</i>	<i>pidek</i>
MAFA	Cuvok	<i>*y/pdak^w/</i>	<i>pədek^w</i>
SUKUR	Sukur	<i>*y/pdk^{ʔw}/, *y^w/pdāk/</i>	<i>pidik'u, pidoek'</i>
HURZA	Mbuko	<i>*y^w/pdāk/</i>	<i>pədək</i>
MARGI	Bura	<i>*y/park^w/</i>	<i>perku, pyerku</i>
MANDARA	Matal	<i>*y/pdāk^w/</i>	<i>p^ʔd̥yək^w</i>
MOFU	Mofu-Gudur	<i>*y/pdāk^w/</i>	<i>pədek^w</i>

LAMANG	Lamang	*/paka/	<i>paka</i>
HIGI	Kamwe-Futu	*/pɔf-y/	<i>pədi</i>
	Bana	*/pra/	<i>pirə</i>
	Kirya	*/y ^w /prkw/	<i>piruku</i>
Razor ₂		*b(a)la	
MARGI	Bura	*/bal/	<i>bel</i>
MANDARA	Mandara	*/bla/	<i>bila</i>
MOFU	Ouldeme, Mofu	*/bla/	<i>bila</i>
	North, Mofu-Gudur		
	Zulgo	*/byla/	<i>biyila</i>
KOTOKO-NORTH	Afade, Mpade	*/bl/	<i>bil</i>
	Malgbe	*/bla/	<i>bila</i>
KOTOKO-CENTRAL	Lagwan, Mser	*/bal/	<i>bel</i>
MUSGUM	Mbara	*/bala/	<i>bele</i>
Refuse, to		*k^w(a)ra	
BATA	Gude	*/kara/	<i>kaaree</i>
	Jimi	*/kara-na-n/	<i>karanən</i>
DABA	Gavar	*/m-kal/ > */ŋ-kal/	<i>ŋkal</i>
SUKUR	Sukur	*/kar/	<i>kar</i>
HURZA	Vame	*/kra/	<i>kəra</i>
MANDARA	Podoko, Mandara	*/k ^w ala/	<i>k^wala</i>
MOFU	Merey	*/kra-x/	<i>kərah</i>
	Ouldeme	*/k ^w al/	<i>k^wal</i>
	Muyang	*/kala-y/	<i>keley</i>
LAMANG	Hdi	*/k ^w l/	<i>kul</i>
	Lamang	*/k ^w al(a)/	<i>k^wol(o)</i>
HIGI	Kamwe-Nkafa	*/kl-ya/, */kr-ya/	<i>kəlyə, kəryə</i>
Ripen, to		*n(a)xa	
BATA	Gude	*/na/	<i>na</i>
	Jimi	*/na-n/	<i>nan</i>
DABA	Buwal, Gavar, Daba	*/na/	<i>na</i>
	Mbudum	*/k-na/	<i>kəna</i>
MAFA	Cuvok	*/nxa-y/, */ma-nxa/	<i>nəhay, manha</i>
	Mafa	*/t-nx/ > */ndx/	<i>ˈdəh</i>
SUKUR	Sukur	*/nx/	<i>nəh</i>
HURZA	Vame	*/t-nxa/ > */ndxa/	<i>ˈdəha</i>
	Mbuko	*/nax/	<i>nah</i>
MARGI	Bura	*/nyə/	<i>nyə</i>
	Kilba	*/na/	<i>na</i>

MANDARA	Matal	*/ma-nxa-y/ > */ma-xna-y/	<i>mah^anay</i>
	Malgwa	*/na/	<i>na</i>
MOFU	Mofu-Gudur	*/nx/	<i>nəh</i>
	Ouldeme	* ^w /nx/, * ^w /a-nx/	<i>nuh^w,</i> <i>anuh^w</i>
	Merey, Moloko	*/nax/	<i>nah</i>
	Dugwor	* ^y /m-nxa-y/	<i>mənəhey</i>
	Gemzek	*/ma-naxa/, * ^y /ma-naxa/, * ^y /ma-nax-y/	<i>manaha,</i> <i>menehe,</i> <i>menehi</i>
	Mada	*/ma-nax/, * ^y /ma-naxa-y-k-n/ > * ^y /ma-naxa-ŋ/	<i>manah,</i> <i>meneheŋ</i>
	Giziga-Muturwa	* ^y /nx-y/	<i>nih(i)</i>
	Giziga-Marva	* ^y /m-nxa-n/, * ^y /m-nxa-y-k-n/ > * ^y /m-nxa-ŋ/	<i>mənihan,</i> <i>mənihanŋ</i>
HIGI	Psikye, Bana	*/naka/	<i>naka</i>
KOTOKO-ISLAND	Buduma	* ^w /na/	<i>no</i>
KOTOKO-NORTH	Afade	* ^w /na-na/	<i>nona</i>
	Mpade	*/na/	<i>na</i>
KOTOKO-CENTRAL	Malgbe	* ^w /na-w-n/	<i>nawun</i>
	Mser	* ^y /t-na/, */naxa/	<i>tina,</i> <i>naha</i>
KOTOKO-SOUTH	Zina	* ^w /w-nxa/	<i>wunha</i>
MUSGUM	Mulwi	* ^y /n-ya/	<i>niyi</i>
GIDAR	Gidar	*/a-naxa/, * ^w /a-naxa/	<i>ənaha,</i> <i>unaha</i>

Roast, to		*t(a)w(a)sa	
BATA	Gude	*/tsa/	<i>ətsa</i>
MARGI	Kilba	*/tas(a)/	<i>tas(a)</i>
MOFU	Muyang	*/twsa-y/	<i>tusay</i>
	Gemzek	*/m-dwsa/ > */n-dwsa/	<i>ⁿdusa</i>
	Mofu-Gudur	*/ts/	<i>təs</i>
	Dugwor	*/m-twas-y/ > * ^y /m-tsaw/	<i>mətəsew</i>
MAROUA	Giziga-Marva	*/twsa/	<i>tusa</i>
LAMANG	Hdi	*/fsa/	<i>fsa</i>
	Lamang	*/fasa/	<i>fasa</i>
HIGI	Kamwe-Nkafa	* /twsa/ > * ^w /tswa/	<i>tswā</i>
	Kamwe-Futu, Kirya	* /twsa/ > * ^w /tswa/	<i>tswa</i>

Root		*l(a)r(a)ka	
BATA	Sharwa	* ^y /lrg-y/	<i>ʃər^yəgi</i>
	Jimi	*/lrg-y-n/	<i>lərəgin</i>
	Gude	*/lrg-y-na/	<i>lharəginə</i>
	Tsuvan	* ^y /lara/	<i>lere</i>

DABA	Buwal	*/RED-lala-y/	<i>latalay</i>
MAFA	Cuvok	*/RED-lala-y/	<i>latalay</i>
SUKUR	Sukur	*/l-y/	<i>li, lai</i>
HURZA	Mbuko	*/lla-y/	<i>ləlay</i>
	Vame	*/llka/	<i>ləlke</i>
MANDARA	Dghwede	*/lla/	<i>ləla</i>
	Matal	*/llx/	<i>lilih</i>
	Mandara	*/lalwa/	<i>lalwe</i>
	Malgwa	*/lalawa/	<i>thlalawe</i>
	Glavda	*/lal-ya/	<i>thlaliya</i>
MOFU	Ouldeme	*/llk-y/ > */lkl-y/	<i>tikili</i>
	Gemzek	*/lɟla/	<i>lɟəle</i>
	Zulgo	*/lɟla/	<i>lɟile</i>
	Merey	*/lɟla-y/	<i>lɟəlay</i>
	Dugwor	*/RED-lɟla-y/	<i>lɟəɟəlay</i>
	Moloko	*/lla-y/	<i>ləlay</i>
	Mofu North	*/lfa-y/	<i>ləfay</i>
	Mofu-Gudur	*/RED-lala-y/	<i>latalay</i>
MAROUA	Mbazla	*/slk-y/, */tsalk-y/, */xlk-y/	<i>filki, tʃelki, hiliki</i>
	Giziga-Marva, Giziga- Mutturwa	*/RED-lalak(a)/	<i>latalak(a)</i>
LAMANG	Lamang	*/lrk-y-n / > */lrk-n-y/ > */lrŋ-y/	<i>lənŋi</i>
	Hdi	*/lrk-n / > */lrŋ/	<i>lənŋ</i>
HIGI	Psikye	*/lg-w/	<i>lugu</i>
	Bana	*/xl-y-RED-k-na/ > */xl-y-ly-ŋa/	<i>x'ililiŋə</i>
	Kirya	*/lrg-y-na/ > */lrŋga/	<i>lirŋga</i>
	Kamwe-Nkafa	*/lr-na/	<i>thləŋəna, thəŋna</i>
GIDAR	Gidar	*/lalwa-ya/	<i>lalwaya</i>
Rope, string		*z(a)w(a)ɗa	
BATA	Sharwa	*/zʔa/	<i>zə'ə</i>
	Gude	*/zawʔa/ > */zaʔwa/	<i>za'wa</i>
TERA	Tera	*/w/za/	<i>zo</i>
SUKUR	Sukur	*/zɓ-y/	<i>zibi</i>
HURZA	Vame	*/a-zway/	<i>azəway</i>
	Mbuko	*/zaway/	<i>zaway</i>
MARGI	Bura	*/swa/, */swa/	<i>sua, suwa</i>
	Kilba	*/sʔ-y/	<i>si'i</i>
MANDARA	Mandara, Malgwa	*/zawa/	<i>zawa</i>
	Glavda	*/zaw(a)/	<i>zaw, zawa</i>
	Dghwede	*/zaɓa/	<i>zap'a</i>

MOFU	Merey	* ^{yw} /zwaɗ/	zuwəd
	Mofu North	* ^y /zwaɗ/	zəwəd
	Mofu-Gudur	* ^y /zawad/	zewəd
	Dugwor	* ^y /a-zawad/	azewəd
	Moloko	* ^y /a-zawad/	ezewəd
MAROUA	Mbazla	* ^y /zwy-k-n/ > * ^y /zwy-ŋ/, * ^{yw} /zwy-k-n/ > * ^{yw} /zwy-ŋ/	ziwiŋ, žiwiŋ
	Giziga-Marva	* ^y /a-zawad/	azewəd
LAMANG	Lamang	* ^w /zwy/	zuwi
	Hdi	* ^y /zwʔ-y/	zu'i
HIGI	Bana	* ^y /zwʔa/ > * ^y /zʔwa/	zəʔwə
	Kirya	* ^y /zw/	zəw
	Kamwe-Nkafa, Psikye	* ^y /zwa/	zəwə
KOTOKO-NORTH	Kamwe-Futu	* ^y /zwa/	ziwə
	Mpade	* ^y /sara/	sare
	Malgbe	* ^y /sa/	se
KOTOKO-CENTRAL	Mser	* ^y /sada/, * ^y /sada/	sadi, sade
Run, to		*x(a)w(a)ya	
BATA	Jimi	* ^y /xwy-n/	huyən
DABA	Mbudum	* ^y /xy/	hi
	Buwal	* ^y /xay/	hey
MAFA	Mafa	* ^y /xa/	ha
	Cuvok	* ^y /xway/	h ^w ay
SUKUR	Sukur	* ^y /xwy/, * ^w /xwy/	hui, huwi
HURZA	Mbuko	* ^y /xaw/	haw
MARGI	Bura, Kilba, Margi-South	* ^y /xwy/	h ^w i
	Margi	* ^y /wy/	wi
MANDARA	Matal	* ^w /ma-xwaya-y/	mah ^w ɔyay
MOFU	Merey	* ^y /xway/	h ^w ay
	Dugwor, Mofu North	* ^y /ma-xway/	mah ^w ay
LAMANG	Hdi	* ^y /xwaya-y/	h ^w ayay
HIGI	Kirya	* ^y /xwy-y/	h ^w yi
	Psikye	* ^y /xwa/	x ^w e
	Kamwe-Nkafa	* ^y /RED-xwa/	h ^w eh ^w ə
	Kamwe-Futu	* ^w /RED-xa/	hoho
Scorpion		*x(a)r(a)dza	
BATA	Tsuvan	* ^y /xrda-k-n/	hərdekən
	Sharwa	* ^y /arda/	ardə
	Gude	* ^y /ard-RED-na/	arədədənə
	Jimi	* ^y /radz-n/	redzən

DABA	Daba	*y/rd-y/	<i>irdi</i>
	Gavar	*y/rdz-y/	<i>rədzɪ</i>
	Buwal	*y/radza/	<i>redʒe</i>
MAFA	Mafa	*y/ʋaradza/	<i>ʋaradza</i>
	Cuvok	*y/rats/	<i>rats</i>
SUKUR	Sukur	*y/m-brda-y/	<i>^mbərdai</i>
HURZA	Mbuko	*y/radza/	<i>redʒe</i>
MARGI	Bura	*y/xd-y/	<i>hidi</i>
	Kilba	*y/da/	<i>ida</i>
MANDARA	Matal	*y/lz/	<i>aliz</i>
	Mandara	*y/rdza/	<i>erdze</i>
	Malgwa	*y/rdza/	<i>ərdza</i>
	Glavda	*y/rd̥za/, */rd/	<i>ard̥za, ard</i>
	Podoko	*n/radza/	<i>raⁿdza</i>
MOFU	Muyang	*y/ma-rda/ > *n/a-dra/	<i>aⁿdra</i>
	Ouldeme	*y/arda/	<i>arda</i>
	Dugwor	*y/arda/	<i>arəde</i>
	Zulgo	*y/xrda/	<i>hirde</i>
	Gemzek	*y/xrda-RED/	<i>hərdede</i>
	Merey	*y/xrda-RED/	<i>hərdəde</i>
	Moloko	*y/xarats/	<i>harats</i>
	Mofu-Gudur	*y/arats/	<i>arats</i>
	Mbazla	*y/?ars/, *y/?arats/	<i>'arɪf, 'aretʃ</i>
	Giziga-Marva	*y/?aratsa/	<i>'aratʃe</i>
LAMANG	Lamang	*y/rda/	<i>arda, ərda, rda</i>
	Hdi	*y/rda/	<i>rda, rəda</i>
MUSGUM	Vulum, Mulwi	*y ^w /xrd-w/	<i>hirduu</i>
	Mbara	*y/xrt-y-wa/ > *w/xrt-wa-y/	<i>hurtuway</i>
	Muskum	*w/xrt/	<i>hurut</i>
GIDAR	Gidar	*y/xrz-ya/	<i>hərziya</i>
See, to		*n(a)ya	
BATA	Jimi	*y/m-ng-n/ > *n-ŋg-n/	<i>nəⁿgən</i>
	Gude	*y/naa/	<i>nee</i>
TERA	Tera	*y/na/	<i>na</i>
MANDARA	Malgwa	*y/na/	<i>na</i>
	Glavda	*y/nɣ-ga/	<i>nɪgga</i>
	Matal	*y/ma-nya-y/ > *n/ma-ŋja-y/	<i>manⁿɲay</i>
	Podoko	*y/naka/	<i>naka</i>
	Mandara	*y/naxa/	<i>naha</i>
MOFU	Mofu North	*y/ma-nka-y/	<i>menəkɛy</i>
	Mofu-Gudur	*y/nk/	<i>nək</i>
MAROUA	Mbazla	*y/nax-y-ʔ/	<i>nahi'</i>
LAMANG	Lamang	*y/nya/	<i>nɣa</i>
	Hdi	*y/nya-y/	<i>nəyay</i>

HIGI	Bana	*y/nyə/	niyə
	Kirya	*/na/	nə
	Kamwe-Nkafa	*/n-na/	nənə
	Psikye	*/nwa/, *y/na-ka/	nəwə, nake
	Kamwe-Futu	*y/naga/	negə
Send, to		*l(a)na	
DABA	Gavar, Daba	*/ɬn/	ɬən
MAFA	Mafa	*/ɬn-y-t-k/ > *y/ɬn-k-t/ > *y/ɬŋg-d/	ɬiŋgd
	Cuvok	*/ɬra/, */ɬar/	ɬərə, ɬar
HURZA	Vame	*/l̩na/	lənə
	Mbuko	*/l̩an/	lən
MARGI	Bura	*y/l̩an-ta/, *y/xan-ta/	lenta, hyenta
MANDARA	Matal	*/ma-l̩a-y/	matələy
MOFU	Ouldeme, Zulgo, Merey, Mofu- Gudur	*/l̩r/	lər
	Mada	*/ma-l̩a/	mallə
	Dugwor	*y/m-l̩ra-y/	matərey
	Gemzek	*y/ma-l̩ra/	metərə
	Moloko	*/l̩ar/	lar
MAROUA	Giziga-Muturwa	*y/l̩n/	l̩n
	Giziga-Marva	*/l̩n-y-k-na/ > *y/l̩ŋ-na/	l̩ŋne
KOTOKO-NORTH	Mpade	*/tsam-y-ʔ/ > *y/tsʔam/	tʃ'am
KOTOKO- CENTRAL	Lagwan	*y/l̩n-y/, *y/l̩m-ʔ/, > *y/l̩ʔm/, *y ^w /l̩m-ʔw-n/ > *y ^w /l̩ʔm- w-n/	l̩ni, l̩'im, l̩'imwun
	Mser	*y/sn/, */sam-ʔ/ > */sʔam/	sin, s'am
KOTOKO-SOUTH	Mazera	*y/sna/	sine
MUSGUM	Mulwi	*y/l̩n-y/	l̩ni
GIDAR	Gidar	*/wa-l̩na/	wələna
Seven ₁		*m(a)d(a)fa	
BATA	Gude	*/mdf̩ə/	məd̩əf̩ə
	Jimi	*/m-brf-y-k-n/ > */m-brf-y-ŋ/	^m bəraf̩iŋ
TERA	Tera	*/mdf̩-w/ > */mfwd/	mmut
	Ga'anda	*/md̩-w/ > */mwd̩/	mud̩
SUKUR	Sukur	*/mad̩af̩/	mad̩af̩
MARGI	Bura	*w/mrf̩a/	murf̩a
	Margi-South	*/mdfa-w/	məd̩əf̩au

MANDARA	Matal	*/mdf/	<i>m'dʒf</i>
	Glavda	* ^{yw} /wdʃa/	<i>u:ɖyifa</i>
	Podoko	*/madʃa/	<i>madəʃa</i>
LAMANG	Lamang	*/lfa-k-na/ > */lfa-ŋa/	<i>lʃaŋa</i>
	Hdi	*/mdfa-k-n/ > */ndfa-ŋ/, */mdsa-k-n/ > */ndsa-ŋ/	<i>ndʃaŋ,</i> <i>ndsəŋ</i>
HIGI	Kamwe-Nkafa	* ^{nw} /m-brf-gə/	<i>^mburfu^{gə}</i>
	Kamwe-Futu	* ^{nw} /m-brfa-ga/	<i>^mbrfa^{go}</i>
	Kirya	* ^{ny} /m-brf-g/	<i>^mbirʃə^g</i>
	Psikye	* ⁿ /m-brfa-k/	<i>^mbəɾəʃaŋ</i>
	Bana	* ⁿ /m-brf-k/	<i>^mbəɾf(ə)ŋ</i>
Seven ₂		*t(a)s(r(a)ɖa	
DABA	Daba	* ^y /tsasarad/	<i>tʃesered</i>
MAFA	Cuvok	*/tasla/	<i>tasla</i>
	Mafa	*/tsarad/	<i>tsarad</i>
MOFU	Moloko	* ^y /ssra/	<i>səsəre</i>
	Ouldeme	*/ssla/	<i>səsəla</i>
	Zulgo, Gemzek	*/tsla/	<i>təsəla</i>
	Dugwor, Mofu North	*/tsla/	<i>tsəla</i>
	Muyang	*/a-dsla-k/ > */a-dskla/	<i>adəskəla</i>
	Merey	*/tasla/	<i>tasəla</i>
	Mofu-Gudur	*/ma-asala/	<i>maasala</i>
Shame ₁		*z(a)r(a)wa	
SUKUR	Sukur	*/slə-y/	<i>sələy</i>
MARGI	Bura	* ^y /sl-y/	<i>sili</i>
MANDARA	Malgwa	* ^y /zrwa/	<i>zirwe</i>
	Podoko	* ^y /zrwa/	<i>zirəwa</i>
	Glavda	* ^y /zrwa/, * ^y /zɾ/	<i>zirwa,</i> <i>žir</i>
	Matal	* ^{yw} /zrw-y/	<i>zirəwi</i>
	Mandara	* ^y /zarawa/	<i>zerewe</i>
MOFU	Muyang	* ^y /zrw-y/	<i>zirwi</i>
LAMANG	Lamang	* ^y /zrw-y/	<i>zrwi</i>
MUSGUM	Vulum	* ^y /syar/	<i>siyer</i>
Shame ₂		*x^w(a)ra	
DABA	Daba	* ^y /wal-y/	<i>weli</i>
MAFA	Mafa, Cuvok	* ^w /x ^w ara-y/	<i>h^waray</i>
HURZA	Mbuko	* ^w /wara-y/	<i>waray</i>
MOFU	Merey, Mofu- Gudur	* ^w /x ^w ara-y/	<i>h^waray</i>
	Dugwor	* ^w /x ^w ara-y/	<i>h^woray</i>
	Gemzek	* ^w /x ^w ara/	<i>horo</i>
	Zulgo	* ^w /x ^w ar-wa/	<i>h^warwa</i>

LAMANG GIDAR	Hdi, Lamang Gidar	*w/x ^w la/ *y/wl-y/	<i>hula</i> <i>wili</i>
Sheep		*t(a)ma	
DABA	Daba	*w/tm-k/	<i>tumuk</i>
	Buwal	*m-k-tma-y-k/ > *y/η-tma-k/	<i>ηtamek</i>
	Gavar	*m-k-tsma-y-k/ > *y/η-tsma-k/	<i>ηtɕimek</i>
MAFA	Mbudum	*m-ta-y-k/ > *y/n-ta-k/	<i>ntek</i>
	Cuvok	*tma-k/	<i>təmak</i>
	Mafa	*n/taba-k/	<i>tə^mbak</i>
TERA	Tera	*m-dḡa-k-n/ > *n-dḡa-η/	<i>ṽdəbaŋ</i>
HURZA	Mbuko	*tma-n/	<i>təman</i>
	Vame	*n/tba-k/	<i>tə^mbak</i>
MANDARA	Matal	*twa-k-n/ > *w/twa-η/	<i>t^wwaŋ</i>
	Glavda	*tw-w/, */tw-γ ^w a/	<i>tuu,</i> <i>tux^wa</i>
	Dghwede	*y ^w /tw-ga/	<i>tuwige</i>
	Podoko	*ta-g ^w a/	<i>tag^wa</i>
	Mandara	*y/tawa/	<i>kyawe</i>
	Malgwa	*y/tawa/	<i>kyewe</i>
MOFU	Moloko, Dugwor	*tma-k/	<i>təmak</i>
	Gemzek	*tma-k-n > */tma-η/	<i>təmaŋ</i>
	Ouldeme	*n/tba-k/	<i>tə^mbak</i>
	Merey, Mofu	*tḡa-k-n > */tḡa-η/	<i>təḡaŋ</i>
	North, Mofu-Gudur		
MAROUA	Giziga-Marva	*w/tma-n/	<i>tumon</i>
	Mbazla	*tma-k/	<i>təmak</i>
LAMANG	Lamang	*w/twa-ka/	<i>tuwaka</i>
	Hdi	*w/twa-k/	<i>tuwak</i>
HIGI	Kirya, Bana	*n/tb-k(a)/	<i>tə^mbək(ə)</i>
	Psikye	*tm-w/	<i>təmu</i>
MUSGUM	Vulum	*y/a-dma/	<i>adme</i>
	Mbara	*y/dma/	<i>dima</i>
	Muskum	*y/tma/	<i>tima</i>
GIDAR	Gidar	*y/tma/	<i>time</i>
Shoulder/upper arm		*p(a)ḡa	
DABA	Gavar	*y/ma-pala-RED-k-n/ > *y/ma-pala-la-η/	<i>mapeleleŋ</i>
MAFA	Mafa	*y/RED-pal/	<i>pelpel</i>
SUKUR	Sukur	*ta-pal/	<i>tapal</i>
HURZA	Mbuko	*baḡa/	<i>baḡa</i>
	Vame	*y/RED-pal/	<i>pelpel</i>

MARGI	Bura	*/pała-xa/ */pała-x-w/	<i>pałaha</i> <i>pałlahu</i>
	Margi-South	*/RED-pałža/	<i>papałža</i>
MANDARA	Kilba	*/pał-ka/	<i>pałəka</i>
	Glavda	*/a-ça/, */a-paça/ > */a-çapa/	<i>aça</i> , <i>açapa</i>
	Matal	*/dza-bała/	<i>dzabala</i>
	Mandara	*/y/na-RED-xapa/	<i>nahyapehyape</i>
	Malgwa	*/y/na-xapa/, */y/la-xapa/	<i>nahyepe</i> , <i>lahyepe</i>
	Mofu-Gudur	*/y/RED-pał/	<i>pepeł</i>
MOFU	Ouldeme	*/y/m-RED-pał/	<i>məpepeł</i>
	Mada	*/a-x-pał/	<i>ahpał</i>
	Muyang	*/x-pał/	<i>həpał</i>
	Giziga-Muturwa	*/y/RED-pałʒ/	<i>pepełʒ</i>
MAROUA	Giziga-Marva	*/bałʒa/	<i>bałʒa</i>
LAMANG	Lamang	*/y-badza-ka/	<i>ybadzaka</i>
	Hdi	*/badza-ga/	<i>badzaga</i>
HIGI	Kirya	*/RED-bałʒa/, */pla/	<i>babałʒa</i> , <i>pəla</i> 'hand'
	Kamwe-Nkafa	*/bałʒa/	<i>bałʒa</i>
KOTOKO-NORTH	Bana	*/bałʒ-y/	<i>bałʒi</i>
	Kamwe-Futu	*/m-bałʒa/	<i>^mbałʒa</i>
	Afade	*/y/m-bla/	<i>^mbila</i>
	Mpade, Malgbe, Maltam	*/m-bala/	<i>^mbala</i>
	Lagwan, Mser	*/m-pala/	<i>mpala</i>
Sit/stay, to		*dz(a)ka	
BATA	Gude	*/m-dzaa/ > */n-dzaa/	<i>ⁿdzaa</i>
	Jimi	*/m-dza-n/ > */n-dza-n/	<i>ⁿdzan</i>
	Tsuvan	*/m-zak-n/ > */n-zak-n/	<i>nzakən</i>
DABA	Mbudum	*/y/dza/	<i>dʒa</i>
	Buwal, Gavar, Daba	*/m-dza-y/ > */y/n-dza/	<i>ⁿdʒa</i>
MAFA	Mafa	*/m-dza/ > */n-dza/	<i>ⁿdza</i>
	Cuvok	*/y/m-dzax/, > */y/n-dzax/, */y/m-dzaxa-y/	<i>ⁿdʒaha</i> , <i>ⁿdʒahay</i>
		> */y/n-dzaxa-y/	
SUKUR	Sukur	*/m-za/ > */n-za/, */m-za-y/ > */y/n-za/	<i>nza</i> , <i>inza</i>
HURZA	Mbuko	*/m-zaha-y/ > */n-zaha-y/	<i>nzahay</i>
MARGI	Bura	*/n-z-y/	<i>nzi</i>
MANDARA	Matal	*/RED-ma-dza-y/	<i>madz^mmadzay</i>
	Podoko	*/m-dza/ > */n-dza/	<i>ⁿdza</i>
	Mandara, Malgwa	*/m-dza-y/ > */y/n-dza/	<i>ⁿdʒa</i>
	Glavda	*/m-dz-y-ga/ > */y/n-dz-ga/	<i>ⁿdʒiga</i>
	Dghwede	*/y/RED-n-dz-ga/	<i>ⁿdʒagiⁿdʒəge</i>

MOFU	Ouldeme	*/m-zaka-k-n/ > */n-zaka-ŋ/	<i>nzakan</i>
	Zulgo, Gemzek	*/m-dza/ > */n-dza/	<i>ⁿdza</i>
	Merey	*/m-dza-y/ > */n-dza-y/	<i>ⁿdzay</i>
	Mofu-Gudur	*/m-dz-y/ > */n-dz/	<i>ⁿdʒ</i>
	Moloko	*/m-dza-y/ > */n-dza/	<i>ⁿdʒe</i>
	Dugwor	* ^{ny} /ma-dza-y/	<i>maⁿdʒay</i>
	Mofu North	* ^{ny} /ma-dza-y/	<i>meⁿdʒey</i>
LAMANG	Lamang	*/m-dza/ > */n-dza/, */m-za/ > */n-za/	<i>ndza, nza</i>
	Hdi	*/m-za-k ^{wa} / > */w/n-za-k ^{wa} /	<i>nzaku</i>
HIGI	Psikye	*/m-za/ > */n-za/	<i>nza</i>
	Kamwe-Futu, Kirya	*/m-dza/ > */n-dza/	<i>ⁿdza</i>
	Bana	*/m-dz-y/ > */n-dz-y/	<i>ⁿdzi</i>
Six ₁		*k(a)w(a)xa	
BATA	Gude	* ^w /kwa/	<i>kuwa</i>
	Jimi	*/m-kwa/ > */w/n-ka/	<i>əŋko</i>
DABA	Mbudum	*/m-kwx/ > */ŋ-kwx/	<i>ŋkuh</i>
	Buwal, Gavar	*/m-kwax/ > */ŋ-kwax/	<i>ŋk^{wa}ah</i>
MAFA	Daba	* ^w /kax/	<i>koh</i>
	Mafa	* ^w /ma-kwa/	<i>mok^{wa}a</i>
	Cuvok	*/ma-kwa/	<i>mak^{wa}a</i>
SUKUR	Sukur	*/m-kwa/, * ^w /m-kwa/	<i>mək^{wa}a, muk^{wa}a</i>
MARGI	Bura	*/m-kwa/ > */n-kwa/	<i>nk^{wa}a</i>
	Margi-South	*/kwa/	<i>k^{wa}a</i>
MANDARA	Matal	* ^w /m-kwa/	<i>m^uk^{wa}a</i>
	Podoko	* ^w /m-kwa/	<i>məkuwa</i>
	Malgwa	*/m-kwa-y/ > */y ^w /n-kwa/	<i>unk^we</i>
	Glavda	*/m-kwaxa/ > */w/ŋ-kwaxa/	<i>uŋk^waxa</i>
MOFU	Moloko	* ^w /m-ka/	<i>məko</i>
	Merey	*/m-kwa/	<i>mək^{wa}a</i>
	Mofu North	* ^w /m-kwa/	<i>muk^{wa}a</i>
	Ouldeme, Muyang	* ^w /m-kw/	<i>muku</i>
	Dugwor	* ^w /m-kaw/	<i>mukow</i>
	Mofu-Gudur	* ^w /maa-kaw/	<i>maak^waw</i>
LAMANG	Lamang	*/m-kwa/, * ^w /m-kwa/	<i>mk^{wa}a, mkuwa</i>
	Hdi	* ^w /m-kw?/, */m-kw?/ > */m-ʔkw/	<i>muku', mə'ku</i>
HIGI	Kamwe-Futu	*/m-kwaga/ > */n ^w /n-kwaga/	<i>nk^wa^ugo</i>
	Kamwe-Nkafa	*/m-kwaga/ > */n ⁿ /n-kwaga/	<i>nk^wa^ugə</i>
	Psikye	*/m-kwaga/ > */n ⁿ /n-kwaga/	<i>ŋk^waŋə</i>
	Kirya	* ⁿ /kwag/	<i>k^wa^ug</i>
	Bana	* ⁿ /kwag/	<i>k^waŋ</i>

Six ₂		*l(a)ra	
MUSGUM	Mbara	*y/tra/	<i>tira</i>
	Vulum	*/laara/	<i>laara</i>
GIDAR	Gidar	*y/tra/	<i>ləre, lre</i>
Six ₃		*m(a)rk(a)ḏa	
HURZA	Mbuko	*m-brka/	<i>^mbarka</i>
	Vame	*/marka/	<i>marka</i>
MAROUA	Giziga-Marva	*y/markḏ/	<i>merkid</i>
	Mbazla	*y/markə/, *y/markaʔ/	<i>merki,</i> <i>merkeʔ</i>
	Giziga-Muturwa	*y/markḏ(a)/	<i>merked(e)</i>
Skin		*x(a)b(a)ra	
MAFA	Cuvok	*m-bal/	<i>^mbal</i>
HURZA	Mbuko	*n/a-bar/	<i>a^mbar</i>
MOFU	Merey	*m-bal/	<i>^mbal</i>
	Ouldeme, Muyang, Gemzek	*n/abl/	<i>a^mbəl</i>
	Moloko	*n/xabar/	<i>ha^mbar</i>
	Dugwor, Mofu- Gudur, Mada	*n/abal/	<i>a^mbal</i>
LAMANG	Lamang	*xwta/	<i>x^wta</i>
	Hdi	*xwta/	<i>xuta</i>
HIGI	Bana	*m-bl/	<i>^mbəl</i>
MUSGUM	Vulum	*ma-xbr-y/ > *y/xambr/ > *y/amr/	<i>amir</i>
Smell bad/stink, to		*z(a)ya	
DABA	Gavar, Daba	*m-dzy/ > *y/n-dzy/	<i>ⁿdʒi</i>
TERA	Tera	*y/zy/	<i>ʒi</i>
MANDARA	Matal	*ma-zya-na/ > *y/ma-znay/	<i>maʒⁿay</i>
MOFU	Mofu-Gudur	*z/	<i>z</i>
	Muyang	*w/z/, */zy/	<i>zɰ,</i> <i>zi</i>
	Ouldeme	*/zy/	<i>zi</i>
	Moloko, Zulgo, Merey	*y/za/	<i>ze</i>
	Dugwor	*ma-zay/	<i>mazay</i>
	Gemzek	*y/ma-za/	<i>meze</i>
	Mofu North	*y/ma-zay/	<i>mezey</i>
	Mada	*ma-RED-zay-k-na/ > *y/ma-RED-zay-ŋa/	<i>mezɛŋa</i>
	LAMANG		
	Lamang	*y/zya/	<i>ziya</i>
	Hdi	*y/zy/, *y/zya-ʔ/ > *y/zʔya/	<i>zii,</i> <i>zi'ya</i>

Spit, to		*t(a)fa	
BATA	Bata	*/tf/	<i>təf</i>
	Gude	* _y /tf-y/	<i>tifi</i>
	Jimi	* _{yw} /taf-n/	<i>tef^{wn}ən</i>
DABA	Daba	* _y /tf/	<i>tif</i>
	Gavar	*/m-k-tf-y/ > * _y /ŋ-tf/	<i>ŋtif</i>
	Buwal	*/m-k-taf-y/ > * _y /ŋ-taf/	<i>ŋtef</i>
MAFA	Mafa	*/m-dzf-y/ > * _y /n-dzf/	<i>ⁿdʒif</i>
SUKUR	Sukur	* _y /tfa/	<i>tifa</i>
HURZA	Mbuko	* _y /tfa/	<i>təfe</i>
	Vame	* _y /tfa/	<i>tifa</i>
MARGI	Kilba	* _y /tfa/	<i>təfa</i>
	Bura	* _y /tfa/, * _y /tfw/	<i>tifa,</i> <i>tifu</i>
MANDARA	Podoko	* _y /tfa/	<i>təfa</i>
	Matal	* _y /ma-tf-la/	<i>mæQ^rfla</i>
MOFU	Mofu-Gudur, Merey	*/tf/	<i>təf</i>
	Moloko	*/taf/	<i>taf</i>
	Dugwor	* _y /m-tfa-y/	<i>matafey</i>
	Mofu North	* _y /ma-tfa-y/	<i>metafey</i>
	Gemzek	* _y /ma-tafa-y/	<i>metefe</i>
	Mbazla	* _w /tf-w/	<i>tufu</i>
MAROUA	Lamang	*/tf/	<i>təf</i>
LAMANG	Hdi	* _y /tfa-y/	<i>təfay</i>
	Bana	* _y /tfa/	<i>tə</i>
HIGI	Kirya	*/m-tfa/ > * _y /n-tfa/	<i>ntəfə</i>
	Kamwe-Nkafa, Kamwe-Futu	*/m-tv-y/ > * _y /n-tv-y/	<i>ntivi</i>
KOTOKO-NORTH	Mpade	* _y /tafa/	<i>tafi</i>
KOTOKO-CENTRAL	Lagwan	* _y /tfa-l/, * _y /tf-w/, * _{yw} /tf-w-n/	<i>tifel,</i> <i>tifu,</i> <i>tifiwun</i>
	Mser	* _y /tafa/	<i>tafi</i>
	Mbara	* _w /tf/	<i>tuf</i>
Spitting cobra		*g^w(a)van	
DABA	Mbudum	*/gwavan-k/ > * _w /g ^w avan/	<i>govon</i>
	Daba	* _w /g ^w avam/	<i>govom</i>
MAFA	Cuvok	*/g ^w van-k/ > * _w /gwvan/	<i>guvan</i>
HURZA	Mbuko	* _w /g ^w -l-g ^w van/	<i>gulguvon</i>
	Vame	*/gavan-k/ > */gavan/	<i>gavan</i>
MOFU	Ouldeme, Muyang, Zulgo, Gemzek	*/gavan-k/ > */gavan/	<i>gavan</i>
	Mofu North	*/g ^w avan-k/ > */g ^w avan/	<i>g^wavan</i>
	Mofu-Gudur	*/g ^w avan-k ^w / > */g ^w avan ^w /	<i>g^wavan^w</i>
	Dugwor	* _w /g ^w -l-gavan/	<i>golgavan</i>
	Giziga-Marva	* _w /g ^w avan/	<i>govon</i>
MAROUA			

LAMANG HIGI	Lamang Bana	*/l-kaf(a)/ */g ^w avan-k/ > */g ^w avan/	lkaf- g ^w avan
Steal, to/theft/thief		*k^w(a)r(a)ya	
BATA	Tsuvan	*/a-xlya/ > */a-xlla/	ahalle
	Bata	*/xr/	hir
	Jimi	*/xr-n/	harən
	Gude	*/xara/	harə
	Sharwa	*/xar/, */ma-xara/, */ma-xarʔ-ka/	har, maharə, maharə'əkə
DABA	Gavar	*/m-xl/ > */ŋ-xl/	ŋhəl
	Mbudum	*/m-xl/, */xly/ > */xyl/	mihil, mihəl, hil
	Daba, Mazagway	*/xl/	həl
	Hidi		
MAFA	Buwal	*/m-xaly/ > */ŋ-xal/	ŋhel
	Cuvok	*/kra-w/, */y/kray/	kəraw, kərey
TERA	Tera	*/w/m-wra/	muura
SUKUR	Sukur	*/kr/	kər
HURZA	Mbuko	*/kra/, */a-kar/	kəra, akar
	Vame	*/a-kar/	akar
MARGI	Bura	*/xlya/ > */xyla/	hila
	Margi-South	*/xl/	həl
	Kilba	*/xla/	həla
MANDARA	Mandara	*/lya/ > */yla/	ila
	Malgwa	*/m-kla/ > */ŋ-la/, */na-m-kla-y/ > */na-ŋ-la/	ŋəla, naŋəle
MOFU	Glavda	*/g/, */gla/, */y/yl-ga/	g, gla, ɣil'ga
	Dghwede	*/y/gla/	gəle
	Merey	*/kla/	kəla
	Zulgo	*/a-kl/	akəl
	Gemzek	*/a-kl/, */y/ma-kla/	akəl, mekəle
	Dugwor	*/y/m-n-klay/	manəkəley
	Mofu North	*/y ^w /ma-x ^w lay/	mehuley
	Mofu-Gudur	*/RED-la/	lal
	Moloko	*/a-kar/	akar
	Ouldeme	*/a-kal/, */m-kal/, */n-kal/, */ma-xal/	akal, məkəl, nəkəl, mahal
	Mada	*/a-k-kal/, */ma-lay/	akkal, malay
	Moloko	*/karay/	karay

MAROUA	Giziga-Muturwa, Giziga-Marva Mbazla	*w/x ^w l/ */lay/, */a-lai-ʔ/	<i>hul</i> <i>lay,</i> <i>alai'</i>
LAMANG	Lamang	*/ɣlya/ > */ɣyla/, */ɣly/	<i>yla,</i> <i>yili</i>
HIGI	Hdi Kamwe-Nkafa, Bana Kirya Kamwe-Futu	*/ɣaly/ */ɣly/ */ɣla/ */y/ɣra/, */y/ɣra/	<i>ɣali</i> <i>ɣəli</i> <i>ɣələ</i> <i>ɣirə,</i> <i>ɣire</i>
KOTOKO-NORTH	Afade Malgbe Mpade	*/xʔy/ */w/xyra/ */xadɣy/	<i>hiʔi</i> <i>hiru</i> <i>hadɪ</i>
KOTOKO-CENTRAL	Lagwan	*w/m-s-x ^w y/	<i>musxui</i>
KOTOKO-SOUTH	Mser Zina Mazera	*/y/m-ɣay/ > */n-ɣay/ */a-xl/ */laya/ > */y/ɣala/	<i>nɣey</i> <i>ahəl</i> <i>yale</i>
MUSGUM	Vulum	*/m-xly/ > */m-xyl/	<i>mihil</i>
GIDAR	Gidar	*/a-xala/, */a-xala/, */a-xalya/ > */a-yxala/	<i>əhala,</i> <i>ihala,</i> <i>iihala</i>
Suck, to		*s(a)wba	
BATA	Gude Sharwa	*/y/sba/ */y/sb/	<i>ʃibə</i> <i>ʃəb</i>
DABA	Daba Gavar Mbudum Buwal	*/y/sab/ */y/sab/ */y/RED-sab/ */y/RED-sab/	<i>seb</i> <i>ʃeb</i> <i>səsəb</i> <i>seseb</i>
MAFA	Mafa	*w/RED-sawb/ > */sa-swab/	<i>sosub</i>
HURZA	Cuvok	*/RED-saba/ > */sa-sba/	<i>sasba</i>
MARGI	Mbuko	*yw/RED-sab/	<i>susəb</i>
MANDARA	Kilba	*/y/sba/	<i>ʃibə</i>
	Podoko	*/sba-y/ > */b̥sa/	<i>bife</i>
	Dghwede	*/tswba/ > */bwtsa/	<i>p'utsa</i>
MOFU	Merey Ouldeme Moloko Mofu-Gudur Zulgo	*/RED-swab/ */sba-y/ */w/sab/ */RED-sa/ */RED-sawba/ > */sa-swba/	<i>susub</i> <i>səbəy</i> <i>sob</i> <i>sasə</i> <i>sasuba</i>
	Dugwor	*yw/m-saba-y/	<i>məsobey</i>
	Mofu North	*/ma-RED-saba-y/ > */ma-sa-sba-y/	<i>mesesəbey</i>

MAROUA	Giziga-Marva	*/swb̥a/	<i>suba</i>
	Mbazla	*/RED-sw̥b̥-y/	<i>susubi</i>
LAMANG	Hdi	*/s̥b̥a-y/ > */b̥sa-y/	<i>bisay</i>
HIGI	Kamwe-Nkafa,	*/s̥b̥-y/ > */b̥s-y/	<i>bisi</i>
	Kamwe-Futu		
	Psikye	*/m-s̥b̥a-y/ > */m-b̥sa/	<i>m̥bis̥ə</i>
	Bana	*/s̥b̥a/ > */b̥sa/, * ^y /s̥b̥a/, * ^y /RED-s̥b̥a/	<i>b̥(ə)s̥ə, f̥ib̥ə, f̥if̥əb̥ə</i>
KOTOKO-ISLAND	Buduma	* ^y /RED-tsaw̥b̥/ > * ^y /tsa-tsaw̥b̥/	<i>t̥et̥f̥ab̥u</i>
KOTOKO-NORTH	Afade	*/sw̥ʔf̥/ > * ^{zw} /sfw̥/	<i>s'uf̥u</i>
	Mpade	*/saw̥ʔf̥/ > * ^z /safw̥/, * ^{zy} /saf̥a/	<i>s'af̥u, s'af̥i</i>
	Malgbe	* ^{zy} /saf̥a/	<i>s'af̥i</i>
KOTOKO-CENTRAL	Lagwan	*/sw̥ʔf̥-n/ > * ^{zy} /sfw̥-n/	<i>s'if̥uw̥un</i>
	Mser	* ^{zy} /saf̥a/, */m-saf̥ʔa-y/ > * ^{zy} /n-saf̥a/	<i>s'af̥i, ns'af̥i</i>
MUSGUM	Vulum	* ^w /RED-s̥b̥-y/	<i>s̥us̥ubi</i>
GIDAR	Gidar	* ^w /a-RED-sw̥b̥a/	<i>əssub̥o</i>
Sun		*p(a)ta	
BATA	Sharwa	*/ft̥a/	<i>f̥ət̥ə</i>
	Jimi	* ^y /f̥t̥-n/	<i>f̥it̥ən</i>
	Tsuvan	*/fata/	<i>fete</i>
DABA	Mbudum	* ^y /ps/	<i>pis</i>
	Gavar	* ^y /ps/	<i>piʃ</i>
	Daba	* ^y /pts/	<i>pit̥ʃ</i>
	Buwal	* ^y /pas/	<i>pes</i>
MAFA	Mafa	*/pats/	<i>pats</i>
	Cuvok	*/pas/	<i>pas</i>
TERA	Tera	*/fd̥a/	<i>f̥əda</i>
SUKUR	Sukur	* ^y /ps/	<i>pis</i>
HURZA	Mbuko	*/pats/	<i>pats</i>
	Vame	*/a-pas/	<i>apas</i>
MARGI	Bura	* ^y /ptsy/	<i>pt̥ʃi</i>
	Margi-South, Kilba	* ^y /ptsy/	<i>p̥ət̥ʃi</i>
MANDARA	Dghwede	* ^y /ft̥sa/	<i>f̥it̥ʃe</i>
	Podoko	*/patsa/	<i>patsa</i>
	Matal	*/a-fats/	<i>afats</i>
	Glavda	* ^y /fats-ya/, * ^y /d-vats-ya/	<i>fat̥ʃiya, dvat̥ʃiya</i>
	Malgwa	* ^y /vats-ya/	<i>vat̥ʃiya</i>

MOFU	Ouldeme,	*/fat/	<i>fat</i>
	Muyang,		
	Moloko, Zulgo,		
	Gemzek		
	Dugwor	*/pat/	<i>pat</i>
	Merey	*/x-pat/	<i>həpat</i>
MAROUA	Mofu North	*/pas/	<i>pas</i>
	Mofu-Gudur	*/pas/	<i>pas</i>
		*/RED-pas/	<i>papas</i>
	Giziga-Marva,	*/pas/	<i>pas</i>
	Mbazla		
LAMANG	Lamang	*/y/ft-y/	<i>fiti</i>
	Hdi	*/y/ft-y-k/	<i>fitik</i>
HIGI	Bana	*/y/ftsa/	<i>fi/ā</i>
		*/y/vts-y/	<i>vi/ī</i>
KOTOKO-SOUTH	Kirya, Psikye	*/y/vts-y/	<i>vət/ī</i>
	Kamwe-Futu	*/y/vts-y/	<i>vit/ī</i>
	Kamwe-Nkafa	*/y/vats-y/	<i>vet/ī</i>
	Mazera	*/y/fatsa/	<i>fat/ā</i>
	Zina	*/y/a-vatsa/	<i>avāt/ā</i>
MUSGUM	Vulum, Mulwi	*/y ^w /fta-y/	<i>futii</i>
	Mbara	*/w/fta-y/	<i>futay</i>
	Muskum	*/fasa/	<i>fasa</i>
Swallow ₁ , to		*da	
BATA	Gude	*/n-da/	<i>ⁿda</i>
	Jimi	*/n-da-n/	<i>ⁿdan</i>
SUKUR	Sukur	*/n-da-m/	<i>ⁿdam</i>
MANDARA	Mandara,	*/y/n-da/	<i>ⁿde</i>
	Malgwa		
MOFU	Glavda	*/n-d-ga/	<i>ⁿd^{ga}</i>
	Mofu-Gudur	*/n-d/	<i>ⁿd</i>
	Zulgo	*/y/n-da/	<i>ⁿde</i>
	Mofu North	*/ny/ma-da-y/	<i>meⁿdey</i>
	Moloko	*/n-da-wa-y/	<i>ⁿdaway</i>
MAROUA	Giziga-Muturwa,	*/n-d-y/	<i>ⁿdi</i>
	Giziga-Marva		
LAMANG	Lamang	*/n-da/	<i>ⁿda</i>
	Hdi	*/n-da-y/	<i>ⁿday</i>
HIGI	Kamwe-Nkafa,	*/n-da/	<i>ⁿda</i>
	Kirya		
Swallow ₂ , to		*s(a)d(a)ka	
MAFA	Mafa	*/sdk/	<i>sədək</i>
	Cuvok	*/sdāka/	<i>sədāka</i>
HURZA	Mbuko	*/sdak/	<i>sədāk</i>
MANDARA	Podoko	*/tsdɤxə/	<i>tsədəhə</i>

MOFU	Mofu-Gudur	* ^w /sdk/	<i>sədk^w</i>
	Gemzek	* ^y /ma-sdka/, * ^a /a-sdāk/, * ^s /sdāk/	<i>mesədke,</i> <i>asədak,</i> <i>sədak</i>
	Mofu North	* ^s /sdāk/	<i>sədak</i>
	Merey	* ^s /sdāka/	<i>sədaka</i>
	Moloko	* ^y /sdāk/	<i>sədək</i>
	Dugwor	* ^y /m-sdāka-y/	<i>məsədəkey</i>
GIDAR	Gidar	* ^s /sdka/	<i>əsədaka</i>
Tail		*k^w(a)t(a)ra	
BATA	Sharwa	* ^{yw} /x ^w tra/	<i>hutirə</i>
DABA	Buwal	* ^{yw} /k ^w tal/	<i>kutel</i>
MAFA	Mazagway Hidi	* ^y /k ^w atr/	<i>k^wetir</i>
	Mafa	* ^w /ftar/	<i>futor</i>
SUKUR	Cuvok	* ^w /x ^w adar/	<i>h^wadar</i>
	Sukur	* ^w /tr/	<i>tur</i>
HURZA	Mbuko	* ^{yw} /g ^w tar/	<i>guter</i>
	Vame	* ^{yw} /k ^w tar/	<i>kuter, k^witer</i>
MANDARA	Podoko	* ^s /ftla/	<i>fətəla</i>
	Dghwede	* ^y /x ^w tla/	<i>x^wtəle</i>
	Glavda	* ^w /x ^w tla-y/ > * ^y /x ^w kla/, * ^w /x ^w çə/	<i>xuk^wla,</i> <i>x^wçə</i>
	Mandara	* ^{yw} /ktara/, * ^{yw} /gdara/, * ^y /katal-ya/	<i>uktere,</i> <i>ugdere,</i> <i>katalia</i>
MOFU	Malgwa	* ^y /gatal-ya/	<i>gataliya</i>
	Ouldeme	* ^a /a-ftl/	<i>aftəl</i>
	Muyang	* ^w /x ^w tl/	<i>hutul</i>
	Merey	* ^{yw} /x ^w tal/	<i>hutel</i>
	Gemzek	* ^{yw} /g ^w tal/	<i>gutel</i>
	Dugwor	* ^y /m-tal/	<i>mətəl</i>
	Mofu-Gudur	* ^{ny} /g ^w adal/, * ^{ny} /g ^w adal/ > ^{yn} /dag ^w al/	<i>g^we^{ndel},</i> <i>deŋg^wel</i>
	Moloko	* ^y /x ^w tar/	<i>h^wəter</i>
LAMANG	Lamang	* ^y /x ^w tr-y/	<i>h^wtiri</i>
	Hdi	* ^w /x ^w tr/	<i>hutur</i>
HIGI	Kirya	* ^w /wtla/ > * ^w /twla/	<i>twələ</i>
MUSGUM	Mbara	* ^{nw} /x ^w tl/	<i>huntul</i>
	Vulum	* ^y /gdār/	<i>gider</i>
Tamarind tree		*b(a)w(a)r(a)na	
BATA	Tsuvan	* ^y /m-bwrna/	<i>^mburne</i>
	Jimi	* ^m /m-balan/	<i>^mbalan</i>
MAFA	Mafa	* ^w /m-bwram/	<i>^mburom</i>
	Cuvok	* ^m /m-blam/	<i>^mbəlam</i>
TERA	Tera	* ^m /m-brn/	<i>^mbərən</i>
SUKUR	Sukur	* ^m /m-blm/	<i>^mbələm</i>

MARGI	Bura	*/m-bwla/	^m bula
	Kilba	*/m-bla/	^m bəla
	Margi-South	*/m-bla/, * ^y /m-bla/	^m bəla, ^m bila
MANDARA	Podoko	*/m-bwla/	^m bula
	Matal	*/a-mr/	am ^r
	Glavda	*/a-w/, * ^w /a-war/	aw, awura
	Mandara	* ^y /wra/	ure
	Malgwa	* ^y /wra/	ure, uure
MOFU	Gemzek	*/m-bwlar/, * ^w /m-bwlar/	^m bular, ^m bulor
	Dugwor	* ^w /m-blār/	^m bəlor
	Merey	*/m-blār/, * ^w /m-bwlar/	^m bəlar, ^m bulor
	Zulgo, Mofu North	*/m-blār/	^m bəlar
MAROUA	Giziga-Muturwa, Giziga- Marva	*/m-bwlam/	^m bulam
	Mbazla	*/m-blān-k/ > */m-blān/	^m bəlan
LAMANG	Lamang	*/m-blama/	mblama
	Hdi	*/m-blām/	^m bəlam
HIGI	Kamwe-Nkafa, Kamwe-Futu	*/m-bwla/	^m bula
	Kirya	*/m-blān-k/ > */m-blā ^{ng} /	^m bəla ^{ng}
	Bana	*/m-blān-k/ > */m-blān/	^m b(ə)lan

Ten		*k ^w (a)n(a)ma	
MAFA	Mafa	* ^w /k ^w la/	kula
	Cuvok	* ^w /k ^w raw/	kuraw
TERA	Ga'anda	* ^w /kwm/	kum
	Tera	*/g ^w an-g/ > */g ^w a ^{ng} /	g ^w a ^{ng}
SUKUR	Sukur	*/wan-k/ > */wan/	wan
HURZA	Mbuko	* ^w /k ^w ra/	kuro
MARGI	Bura	* ^w /k ^w ma/	kuma
	Margi-South	* ^w /k ^w ma-w/	kumou
MANDARA	Glavda	*/kl/	kəl
	Matal	* ^w /k ^w l(w)/	k ^w l(u)
	Glavda	*/klaawa/	kla:wa
	Mandara	* ^y /kalawa/	kelawa
MOFU	Ouldeme	* ^w /k ^w lw/	kulu
	Muyang	*/krw/	kru
	Moloko	* ^w /kra/	kəro
	Gemzek, Merey	* ^w /k ^w ra/	kuro
	Zulgo	* ^w /k ^w rwa/	kurwa
	Mofu North, Mofu-Gudur	* ^w /k ^w raw/	kuraw
	Dugwor	* ^w /k ^w raw/	kurow

MAROUA	Giziga-Marva	* ^w /k ^w rw/	<i>kuru</i>
	Mbazla	* ^w /k ^w rw/, * ^w /k ^w rw-ʔ/	<i>kuru,</i> <i>kuru'</i>
LAMANG HIGI	Giziga-Muturwa	* ^w /k ^w rw-ʔw	<i>kuru'u</i>
	Lamang, Hdi	*/ ^y an-k(a)/ > */ ^y an(a)/	<i>ʔan(a)</i>
	Kirya	* ^w /g ^w m/	<i>gum</i>
	Kamwe-Nkafa,	* ^{nw} /gmə/ > * ^{nw} /mgə/	<i>mu^gə</i>
	Kamwe- Futu		
KOTOKO-ISLAND KOTOKO-NORTH	Psikye	* ⁿ /gma/ > * ⁿ /mga/	<i>məŋ(ə)</i>
	Bana	* ⁿ /gm/ > * ⁿ /mg/	<i>məŋ</i>
	Buduma	* ⁿ /x-kan/	<i>həkan</i>
	Afade, Mpade, Malgbe	* ⁿ /kan/	<i>kan</i>
KOTOKO- CENTRAL	Lagwan	* ⁿ /x-kan/	<i>xkan</i>
	Mser	* ⁿ /kan/	<i>kan</i>
Thom		*d(a)yka	
BATA	Gude	* ⁿ /dxa/	<i>dəha</i>
	Sharwa	* ⁿ /dxa/	<i>dəhə</i>
MAFA	Mafa	* ⁿ /va-tak/	<i>vatak</i>
	Cuvok	* ⁿ /m-tak/	<i>matak</i>
TERA	Tera	* ⁿ /m-dayka/ > * ^y /n-daka/, * ⁿ /m-dzax-t-y/ > * ^y /n-dzax-t-y/	<i>"deki,</i> <i>"dzakhti</i>
SUKUR HURZA	Hwana	* ⁿ /m-daxa/ > * ⁿ /n-daxa/	<i>"daxa</i>
	Sukur	* ^y /dzyk/	<i>dʒik</i>
	Vame	* ⁿ /a-dga/	<i>adəga</i>
MANDARA	Mbuko	* ⁿ /a-dak/	<i>adək</i>
	Podoko, Glavda	* ⁿ /taka/	<i>taka</i>
	Matal	* ⁿ /a-tak/	<i>atak</i>
MOFU	Mandara, Malgwa	* ^y /daka/	<i>dake</i>
	Mofu North	* ⁿ /m-dak/ > * ⁿ /n-dak/	<i>"dak</i>
	Ouldeme, Muyang, Zulgo, Gemzek, Merey, Dugwor	* ⁿ /a-dak/	<i>adək</i>
LAMANG	Moloko	* ⁿ /xa-dak/	<i>hadək</i>
	Mofu-Gudur	* ⁿ /xa-tak/	<i>hatak</i>
	Lamang	* ^y /tyka/	<i>tiki</i>
HIGI	Hdi	* ^y /taka/	<i>teki</i>
	Kamwe-Nkafa	* ^y /tyka/	<i>tikə</i>
	Bana	* ^y /tka/	<i>t(ə)ki</i>
MUSGUM	Mbara	* ⁿ /taxa/	<i>taha</i>
	Vulum	* ^y /xa-dak/	<i>hedək</i>
	Muskum	* ^y /xa-da-t/	<i>hedet</i>

Three		*x(a)k(a)na	
BATA	Jimi	*/ma-xkn/	<i>mahəkən</i>
	Gude	*/ma-ka/	<i>makə</i>
	Bata	* ^{yw} /ma-akn/	<i>m^waakin</i>
DABA	Buwal, Gavar	*/ma-xkadʔ/	<i>mahkadʔ</i>
	Mbudum, Daba	*/ma-kadʔ/	<i>makadʔ</i>
MAFA	Mafa	*/ma-kar/	<i>makar</i>
	Cuvok	*/ma-xkar/	<i>mahkar</i>
TERA	Ga'anda	*/ma-xkan/	<i>mahkan</i>
SUKUR	Sukur	*ma-akn/	<i>maakən</i>
HURZA	Vame	* ⁿ /ma-gan/	<i>ma^ŋgan</i>
	Mbuko	*/ma-akan/	<i>maakan</i>
MARGI	Bura	* ^y /ma-kr/	<i>makir</i>
	Margi-South	*/ma-akr/	<i>maakər</i>
	Kilba	*/ma-akr-w/	<i>maakəru</i>
MANDARA	Matal	*/ma-kr/	<i>makʔr</i>
	Podoko	*/ma-kra/	<i>makəra</i>
	Mandara	* ^y /ka-ya/	<i>keye</i>
	Dghwede	* ^y /xkra/	<i>xkre</i>
	Glavda	*/xkr-ɖa/	<i>xkrɖa</i>
	Malgwa	* ^y /kadā/	<i>keɖ^e</i>
MOFU	Muyang	*/ma-xkr/	<i>mahkər</i>
	Gemzek	*/ma-kr/, */ma-kar/	<i>makər; makar</i>
	Moloko, Dugwor, Mofu North, Ouldeme	*/ma-kar/	<i>makar</i>
	Merey	*/ma-xkar/	<i>mahkar</i>
	Mofu-Gudur	*/ma-akar/	<i>maakar</i>
	Giziga-Muturwa, Giziga-Marva	* ^y /ma-kr/	<i>makir</i>
MAROUA	Mbazla	*/ma-kan-k/ > */ma-kaŋ/, */ma-akan-k/ > */ma-akaŋ/	<i>makaŋ, maakaŋ</i>
LAMANG HIGI	Lamang, Hdi	*/xkn(a)/	<i>hkəna, həkən</i>
	Kirya	*/ma-kn/	<i>makən</i>
	Psikye	*/ma-xkn(a)/	<i>maxkən(ə)</i>
	Kamwe-Nkafa	*/ma-kna/	<i>makənə</i>
	Kamwe-Futu	* ^w /ma-ka-a/	<i>makəo</i>
	Bana	*/ma-xkan/	<i>mahkan</i>
Tomb		*dz(a)v(a)ya	
DABA	Daba	* ^y /tsvy-ʔ/	<i>tʃiviʔ</i>
MAFA	Cuvok	* ^y /dzvay/	<i>dʒəvay</i>
	Mafa	*/dzavay/	<i>dzavay</i>
HURZA	Mbuko	* ^y /dzvay/	<i>dʒəvay</i>

MANDARA	Matal	*/zvay/	<i>zəvay</i>
	Podoko	*/y ^w /dzva/	<i>dʒuve</i>
MOFU	Gemzek	*/dzva/	<i>dzəva</i>
	Zulgo	*/dva/	<i>dive</i>
	Merey, Mofu	*/tsvay/	<i>tsəvay</i>
	North, Mofu-Gudur		
MAROUA	Giziga-Muturwa	*/zyvy/	<i>zivi</i>
	Giziga-Marva	*/zva/	<i>zive</i>
LAMANG	Lamang	*/dv-k ^w -n/ > */vdɲ ^w /	<i>vdun</i>
Tongue ₁		*r(a)n(a)xa	
MAFA	Mafa	*/ʔa-lan-y/ > */laʔan/, */y/lanə/	<i>le'en,</i> <i>lene</i>
	Cuvok	*/lanə-y-k-n/ > */nana-ŋ/	<i>neneŋ</i>
MANDARA	Mandara	*/na-ra/	<i>nara</i>
	Malgwa	*/na-ra/	<i>nare</i>
	Dghwede	*/rxa/	<i>rəxe</i>
	Matal	*/a-lax/	<i>alah</i>
	Glavda	*/a-rax/	<i>ɛrɛx̃</i>
MOFU	Ouldeme	*/w/ma-ra/	<i>maro</i>
	Muyang	*/a-r-d/	<i>arəd'</i>
	Mada	*/a-rna/ > */a-rra/	<i>arra</i>
	Moloko	*/rmax-y-k/ > */xrna-k/	<i>hərnek</i>
	Merey	*/d'-max/	<i>dərneh</i>
	Mofu-Gudur	*/d'-rna/	<i>dərne</i>
	Zulgo, Gemzek	*/a-rax/	<i>arah</i>
	Mofu-Gudur	*/ranax-y/ > */nanax/	<i>neneh</i>
MAROUA	Giziga-Muturwa	*/ʔ-rna-y/, */y/rna/	<i>'irne,</i> <i>irne</i>
	Giziga-Marva	*/rna/	<i>irne</i>
	Mbazla	*/na/, */na-ʔ/	<i>ne,</i> <i>ne'</i>
Tongue ₂		*g(a)na	
BATA	Tsuvan	*/a-gana/	<i>agana</i>
	Sharwa	*/gana/	<i>gana</i>
	Jimi	*/y/gana-n/	<i>gianan</i>
DABA	Mbudum	*/gana-d/	<i>ganad'</i>
	Gavar	*/gana-d'-k/ > */gadān-k/ > */gadā-RED-ŋ/	<i>gadādaŋ</i>
	Buwal	*/gana-na/	<i>ganana</i>
	Daba	*/gana/	<i>gana</i>
TERA	Tera	*/y/ɲn/, */y/ɲana/	<i>yin,</i> <i>yena</i>
SUKUR	Sukur	*/yana-y/	<i>yanay, yanai</i>

MARGI	Bura	*/ka-n-gar-y/ > */ka-ŋ-gar/	<i>ke^hgyar</i>
	Margi, Margi-South, Kilba	*/kar/	<i>kyar</i>
LAMANG	Lamang	*/ɣana/	<i>ɣene</i>
	Hdi	*/ɣan-y-k/	<i>ɣanik</i>
HIGI	Kamwe-Nkafa	*/a-n-n-ya/, */a-n-ya/	<i>annyə,</i> <i>aniə</i>
	Kirya	*/n-ɣana/	<i>nɣanə</i>
	Bana, Kamwe-Futu	*/ɣan-y/	<i>ɣani</i>
Tongue ₃		*n(a)la	
HURZA	Mbuko	*/m-ra/	<i>mirel</i>
	Vame	*/m-na/	<i>mənel</i>
MOFU	Dugwor	*/xr-na/	<i>hərne/</i>
KOTOKO-NORTH	Afade, Malgbe	*/a-nl-y/	<i>enli</i>
	Mpade	*/a-ns-y/	<i>enfi</i>
KOTOKO-CENTRAL	Lagwan	*/nl-y/	<i>nli</i>
	Mser	*/a-ns-y/	<i>ensi, enfi</i>
KOTOKO-SOUTH	Zina	*/a-nsa/	<i>anisə</i>
	Mazera	*/nsa/	<i>insa</i>
MUSGUM	Mbara	*/na-la-y/	<i>nalay</i>
Tooth		*l(a)d(a)na	
BATA	Bata	*/lyn-ta/	<i>linto</i>
	Gude	*/lyn-na/ > */lɲy-na/	<i>lɲinyə</i>
	Jimi	*/lyn-n/ > */lɲy-n/	<i>lɲyən</i>
	Sharwa	*/lyna/ > */lɲya/	<i>lɲyə</i>
	Tsuvan	*/lɛna/	<i>ɛine</i>
DABA	Buwal	*/lɛdān-y-k/ > */lɛdāŋ/	<i>ɛədēŋ</i>
	Gavar	*/lɛdān-y-k/ > */lɛdāŋ/	<i>ɛidēŋ</i>
MAFA	Mafa	*/lɛana/	<i>ɛene</i>
	Cuvok	*/lɛaŋ/	<i>ɛeŋ</i>
TERA	Tera	*/lɛn/	<i>ɛin</i>
SUKUR	Sukur	*/lɛn/	<i>ɛin, ɛyin</i>
HURZA	Mbuko	*/lan/	<i>lan</i>
	Vame	*/xa-lan/ > */laxan/	<i>lahan</i>
MARGI	Margi, Margi-South, Kilba	*/xr/	<i>hyir</i>
	Bura	*/xr/ ~ */xyr/, */ɬyr/	<i>hyir ~ hir,</i> <i>tir</i>
MANDARA	Glavda	*/lɛfra/ > */lɛdɛ/	<i>lɛdɛ</i>
	Matal	*/lɛd/	<i>lɛd</i>
	Podoko	*/lɛra/	<i>lira</i>
	Dghwede	*/lɛra/	<i>lire</i>
	Mandara	*/lara/	<i>lare</i>
	Malgwa	*/layara/ > */laara/	<i>thlaare</i>

MOFU	Muyang	*/a-lr/	<i>alər</i>
	Mofu North,	*/lar/	<i>ter</i>
	Mofu-Gudur		
	Ouldeme, Mada,	*/a-lar/	<i>alar</i>
	Moloko		
	Zulgo	*/l̥yr/	<i>l̥ir</i>
MAROUA	Gemzek, Merey,	*/l̥gar/	<i>l̥er</i>
	Dugwor		
	Giziga-Marva	*/l̥yn/	<i>l̥in</i>
	Gizia-Muturwa	*/l̥yn-k/ > */l̥yn/	<i>l̥in</i>
	Mbazla	*/l̥yn-k/ > */l̥yn/, */xyn-k/ > */xyn/	<i>l̥in</i> , <i>hin</i>
LAMANG	Lamang	*/ld̥n-y-k/ > */ld̥n/	<i>ld̥in</i>
	Hdi	*/l̥n̥-y-k/ > */l̥n̥/	<i>li' in</i>
HIGI	Psikye	*/ln̥/	<i>lənə</i>
	Bana	*/l̥yn/ > */l̥ny/	<i>lini</i>
	Kamwe-Futu	*/l̥yna/	<i>lino</i>
	Kirya	*/lay/	<i>lay</i>
KOTOKO-ISLAND	Buduma	*/xyan/ > */xnay/	<i>hənay</i>
KOTOKO-NORTH	Afade, Malgbe	*/lr/	<i>lir</i>
	Mpade	*/san/	<i>fan</i>
KOTOKO-CENTRAL	Lagwan	*/l̥yn/ > */l̥ny/	<i>lini</i>
KOTOKO-SOUTH	Mser	*/sr/	<i>sir</i>
	Zina	*/syn/	<i>sin</i>
	Mazera	*/syna/	<i>sine</i>
MUSGUM	Vulum	*/RED-l̥yn-k/ > */l̥n̥-l̥n̥/	<i>l̥inl̥in</i>
GIDAR	Gidar	*/laya/	<i>laya</i>

Tree		*x ^w (a)fa	
BATA	Gude	*/wf/, */w ^w /n-fa/	<i>uf</i> , <i>ənf^wa</i>
	Jimi	*/f-n/	<i>f^wən</i>
	Sharwa	*/f-gə/	<i>f^wəgə</i>
	Tsuvan	*/y ^w /fa-ga/	<i>f^wege</i>
MAFA	Mafa	*/waf/	<i>waf</i>
SUKUR	Sukur	*/fa-y/	<i>fwai</i> , <i>fwoy</i>
MARGI	Margi	*/wa/	<i>wu</i>
	Kilba	*/wa/	<i>wa</i>
	Bura	*/w ^w /n-fa/	<i>nf^wa</i>
MANDARA	Podoko, Mandara	*/na-fa/	<i>nafa</i>
	Dghwede	*/w ^w /n ^w fa/	<i>n^wufa</i>
	Glavda	*/w ^w /wfa/, */w/	<i>u:fa</i> , <i>u</i>
MOFU	Matal	*/a-xaf/	<i>ahaf</i>
	Dugwor	*/x ^w af/	<i>h^waf</i>
	Muyang	*/xaf/	<i>haf</i>
LAMANG	Lamang	*/w ^w /fa/	<i>ufu</i>
	Hdi	*/wf/ > */fw/	<i>fu</i>

HIGI	Kamwe-Nkafa, Kirya	*w/fə/	f ^w ə
	Bana	*/fə/	fə
	Kamwe-Futu	*w/fa/	f ^w o
KOTOKO-SOUTH	Zina	*ma-wf/ > */ma-fw/	mafu
Two ₁		*k(a)sa	
LAMANG	Hdi	*y/xs/	his
	Lamang	*y/xasa/	hesa, hashā
KOTOKO-ISLAND	Buduma	*y/kx-y/	kixi
KOTOKO-NORTH	Afade, Mpade	*y/gas-y/	gasi
KOTOKO-CENTRAL	Lagwan	*y/xs-dā/	xsidā
	Mser	*y ^w /ktsa/	kitfo
Two ₂		*by(a)ka	
BATA	Jimi	*y/byk/	biik
	Bata	*/kpyaq/	kpyaq
DABA	Mbudum	*/bk/	bək
	Buwal, Gavar	*/gbak/	gbak
SUKUR	Sukur	*/bak/	bak
MANDARA	Mandara	*/b-wa/	bua
	Malgwa	*w/b-wa/	buwa
	Glavda	*w/bw-wa/	bu:wa
HIGI	Kirya	*/ḍka/	ḍəkə
	Bana	*/bak(a)/	bak(ə)
	Psikye	*/bak/	bak
	Kamwe-Nkafa	*w/ḍaga/	ḍ ^w agə
	Kamwe-Futu	*w/ḍaka-a/	ḍakəo
Two ₃		*s(a)y(a)ra	
DABA	Daba	*/syar/ > */sray/	səray
MAFA	Mafa	*y/tsa-w/, *y/RED-tsa-w/	tfew, tʃetfew
	Cuvok	*y/a-tsa-w/	atfew
TERA	Ga'anda	*/syra/ > *y/srra/	sərri
HURZA	Mbuko	*y/tsa-w/	tfew
	Vame	*y/tsa-w/	tʃaw
MARGI	Bura	*w/sda/	suda
MANDARA	Matal	*/sla/	s ^ʔ la
	Podoko	*/sra/	səra
MOFU	Mada, Dugwor	*/sla/	səla
	Gemzek, Merey	*w/sla/	sulo
	Zulgo	*/sala/	sala
	Ouldeme	*y ^w /tsya/	tsiyo
	Muyang	*y ^w /tsa/, *y ^w /RED-tsa/	tʃi ^ʔ , tʃitʃi ^ʔ
	Moloko, Mofu North, Mofu- Gudur	*y/tsa-w/	tʃew

MAROUA	Giziga-Muturwa, Giziga-Marva Mbazla	* ^{yw} /ts-w/ * ^y /tsa-w/, * ^y /tya-w/	<i>tʃuʷ</i> <i>tʃew</i> , <i>tiaw</i>
KOTOKO-SOUTH	Zina	* ^y /ts-w/	<i>tʃu</i>
MUSGUM	Vulum	* ^w /sl-w/	<i>sulu</i>
GIDAR	Gidar	* ^w /sla/, * ^w /sla-w/ > * ^w /swla/	<i>sula</i> , <i>suula</i>
Untie, to		*p(a)ra	
BATA	Bata	* ^y /pr/	<i>pər</i>
	Gude	* ^y /pra/	<i>pərə</i>
	Jimi	* ^y /pr-n/	<i>pərən</i>
DABA	Gavar, Daba	* ^y /pl/	<i>pəl</i>
	Buwal	* ^y /pal/	<i>pal</i>
MAFA	Mafa	* ^y /pr/	<i>pər</i>
	Cuvok	* ^y /ma-pla-y/	<i>mepəley</i>
TERA	Tera	* ^y /pr-y/	<i>pəri</i>
SUKUR	Sukur	* ^y /pr/	<i>pər</i>
HURZA	Vame	* ^y /para/	<i>para</i>
MANDARA	Matal	* ^y /ma-pl/	<i>mapʷl</i>
	Podoko, Malgwa	* ^y /pla/	<i>pəla</i>
	Glavda	* ^y /pl-ga/	<i>pilga</i>
	Mandara	* ^y /pala/	<i>pale</i> , <i>pele</i>
MOFU	Merey	* ^y /pla/	<i>pəla</i>
	Zulgo	* ^y /pl/	<i>pəl</i>
	Ouldeme	* ^y /pl/, * ^y /m-pla-y/, * ^y /m-pla-y-k-n/ > * ^y /m-pla-ŋ/	<i>pəl</i> , <i>məpəlay</i> , <i>məpələŋ</i>
	Gemzek	* ^y /ma-pla/	<i>mepəla</i>
	Ouldeme	* ^y /pala-y-k-n/ > * ^y /pala-ŋ/	<i>pələŋ</i>
LAMANG	Lamang	* ^y /pla/	<i>pəla</i>
	Hdi	* ^y /pla-y/	<i>pəlay</i>
HIGI	Kamwe-Futu	* ^y /pl-n-tə/	<i>pələntə</i>
	Kirya	* ^y /m-pl/	<i>mpəl</i>
	Bana	* ^y /pl-y/	<i>p(ə)li</i>
KOTOKO-ISLAND	Buduma	* ^y /fal-w/	<i>fəlu</i>
KOTOKO-NORTH	Mpade, Malgbe	* ^y /fal/	<i>fal</i>
KOTOKO-CENTRAL	Lagwan	* ^y /vl/, * ^{yw} /vl-n/	<i>vil</i> , <i>vilun</i>
	Mser	* ^w /val-ya/	<i>valyo</i>
GIDAR	Gidar	* ^y /pla/, * ^y /RED-pla/	<i>əpila</i> , <i>əppəla</i>
Urine		*k^w(a)na	
MAFA	Mafa	* ^w /k ^w ra-y/	<i>kuray</i>
SUKUR	Sukur	* ^y /m-s-k ^w r-y/ > * ^{yw} /m-s-k ^w yr/	<i>miskuir</i>

HURZA	Mbuko	*/m-kadā-y/	<i>məkadāy</i>
	Vame	*/ma-kdā-y/ > */kmaḍa-y/, */ma-k ^w ḍa-y/ > */k ^w maḍa-y/	<i>kəmadāy</i> , <i>kumadāy</i>
MARGI	Bura	*/kn-y/	<i>kini</i>
	Kilba	*/y ^w /k ^w n-y/	<i>kunyi</i>
MANDARA	Matal	*/k ^w la-y/	<i>k^olay</i>
	Podoko, Mandara, Malgwa	*/y ^w /k ^w ra/	<i>kure</i>
	Glavda	*/ ^w k ^w r/, */y ^w /k ^w r-ya/	<i>kur</i> , <i>kuriya</i>
	Mofu		
MOFU	Ouldeme	*/k ^w na-y/	<i>kunay</i>
	Mada	*/y ^w /k ^w na/	<i>k^wne</i>
	Moloko	*/y ^w /k ^w na-n/	<i>k^wənən</i>
	Dugwor	*/y ^w /k ^w na-k-n/ > */y ^w /k ^w na-ŋ/	<i>kunəŋ</i>
	Mofu North, Mofu-Gudur	*/k ^w ra-y/	<i>kuray</i>
	Muyang	*/y ^w /k ^w ḍ-k-n/ > */y ^w /k ^w ḍ-ŋ/	<i>kḥdīŋ</i>
	Zulgo	*/y ^w /k ^w ḍa/	<i>k^wide</i>
	Gemzek	*/y ^w /k ^w ḍa/	<i>kude</i>
	Meray	*/y ^w /k ^w ḍa/, */y ^w /k ^w ḍa-y/	<i>kude</i> , <i>kudey</i>
	Maroua		
MAROUA	Giziga-Marva	*/k ^w na-y/	<i>kunay</i>
	Mbazla	*/k ^w na-y/, */k ^w na-y-ʔ/	<i>kunay</i> , <i>kunai</i> ʔ
LAMANG	Giziga-Muturwa	*/k ^w ana-y/	<i>k^wanay</i>
	Lamang	*/k ^w n-y/	<i>k^wini</i>
	Hdi	*/k ^w an-y/	<i>k^wani</i>
KOTOKO-ISLAND	Buduma	*/k ^w ara-y/	<i>koray</i>
KOTOKO-NORTH	Mpade	*/y ^w /k ^w ra/	<i>kure</i>
KOTOKO-CENTRAL	Lagwan	*/y ^w /n-k ^w na/	<i>nkune</i>
KOTOKO-SOUTH	Mser	*/y ^w /k ^w ra/	<i>kure</i>
	Mazera	*/m-kadā-y/ > */kmaḍa/	<i>kimade</i>
GIDAR	Gidar	*/y ^w /kna/	<i>kine</i>
Vomit, to		*v(a)n(a)x ^w a	
BATA	Jimi	*/vna-n/	<i>vənan</i>
	Gude	*/vanax ^w a/ > */vax ^w ana/ > */vaana/	<i>vaana</i>
DABA	Buwal, Gavar,	*/vna/	<i>vəna</i>
	Daba		
	Mbudum	*/vn/	<i>vən</i>
MAFA	Mafa	*/y/vnaxa/	<i>vənehe, vineh-</i>
	Cuvok	*/vnaxa/	<i>vənaha</i>
TERA	Tera	*/vnax/	<i>vənax</i>
SUKUR	Sukur	*/y/vnax/	<i>vinah</i>
HURZA	Mbuko	*/y/vna/	<i>vəne</i>
	Vame	*/vnaxa/	<i>vənaha</i>

MANDARA	Podoko	*/vraxa/	<i>vəraha</i>
	Dghwede	*/vraxa/	<i>vraxa</i>
	Glavda	*/vraxa-ga/ > */vraa-ga/	<i>vrɛːge</i>
	Matal	*/ma-vlaxa-y/	<i>mavlahay</i>
MOFU	Moloko	*/vnax/	<i>vənah</i>
	Merey, Zulgo	*/vnaxa/	<i>vənaha</i>
	Ouldeme	*/vnaxa-y/	<i>vənahay</i>
	Mada	*/ma-vnaxa/	<i>mavnaha</i>
	Gemzek	*/y/ma-vnaxa/	<i>mevənehe</i>
LAMANG	Dugwor	*/y/m-vnaxa-y/	<i>məvənehey</i>
	Hdi	*/y/vnx-y/, */y/vnxa-y/	<i>vənihi,</i> <i>vənihay</i>
	Lamang	*/vanax ^w a/	<i>vanax^wa</i>
	Bana	*/vnx ^w a/	<i>vənəx^wə</i>
HIGI	Kirya	*/ ^w /vnx ^w a/	<i>vənəhu</i>
	Kamwe-Futu	*/ ^{yw} /vnayə/	<i>vineyo</i>
KOTOKO-CENTRAL	Lagwan	*/y/vnaxa/, */ ^{yw} /vnax-w-n/	<i>vinahi,</i> <i>vinahiwun</i>
KOTOKO-SOUTH	Zina	*/vnaxa/	<i>vənaha</i>
MUSGUM	Mbara	*/fina/	<i>fine</i>
Wash, to		*b(a)na	
BATA	Jimi	*/y/bna/	<i>binə</i>
DABA	Buwal, Gavar	*/ban/	<i>ban</i>
	Mbudum	*/ban-k/ > */baŋ/	<i>baŋ</i>
	Daba	*/pan/	<i>pan</i>
MAFA	Mafa	*/pan/	<i>pan</i>
	Cuvok	*/pana/	<i>pana</i>
SUKUR	Sukur	*/ban/	<i>ban</i>
HURZA	Vame	*/ ^{yw} /bn-ya/	<i>buniya</i>
	Mbuko	*/bana-y/	<i>banay</i>
MANDARA	Podoko	*/para/	<i>para</i>
	Glavda	*/bar-ga/	<i>barga</i>
	Matal	*/ma-pala-y/	<i>mapalay</i>
MOFU	Mofu-Gudur	*/pr/	<i>pər</i>
	Mofu North	*/y/ma-pra-y/	<i>məpərey</i>
	Ouldeme	*/bara-ka/, */bra-xa/, */y/bar-ya/, */y/bara-ya/, */y/bara-k-n/ > */y/bara-ŋ/	<i>baraka,</i> <i>baraha,</i> <i>bariya,</i> <i>bereya,</i> <i>bereŋ</i>
	Muyang	*/bara-y/, */bara-f-k-n/ > */bara-f-ŋ/, */bara-RED/ > */bara-ba/	<i>baray,</i> <i>baraŋ,</i> <i>baraba</i>
	Zulgo, Merey	*/bara/	<i>bara</i>
	Gemzek	*/y/ma-bara/	<i>bara, mebere</i>
	Dugwor	*/bara/, */y/m-bara-y/	<i>məberey</i>
	Moloko	*/bala-y/	<i>balay</i>
	Mada	*/ma-bala(-fa-k-na)/ > */ma-bala(-fa-ŋa)/	<i>mabala(faŋa)</i>

MAROUA	Giziga-Muturwa	*w/bn/	<i>bun</i>
	Giziga-Marva	*w/bn/ *w/bna/	<i>bun, buna</i>
	Mbazla	*/ban/	<i>ban</i>
HIGI	Psikye	*y/pa/	<i>pe</i>
	Bana	*py/	<i>pi</i>
Water		*ʔy(a)ma	
BATA	Gude	*/ʔyma-na/ > */maʔy-na/	<i>ma'inə</i>
	Jimi, Sharwa	*/ʔyma / > */maʔy/	<i>ma'i</i>
DABA	Gavar, Daba	*/ym/	<i>yəm</i>
	Mbudum	*y/ym/	<i>yim</i>
	Buwal	*/yam/	<i>yam</i>
MAFA	Mafa, Cuvok	*/yam/	<i>yam</i>
TERA	Tera	*y/dim/	<i>y'im (ɗim)</i>
	Hwana	*/[a]ʔyama/ > */[a]ama/	<i>aama</i>
SUKUR	Sukur	*/yam/, *y/ʔyam/ > *y/yam/	<i>yam, iyam</i>
HURZA	Mbuko	*/a-ʔam/	<i>a'am</i>
	Vame	*/axwam/	<i>ahwam</i>
MARGI	Margi	*y/ʔyma/	<i>'imi</i>
	Margi South	*y/yma/	<i>imi</i>
	Bura	*y/yma/	<i>yimi</i>
MANDARA	Podoko	*/ywa/	<i>yəwa</i>
	Glavda	*w/ywa/, */yw/, */y/	<i>yuwa, yu, ii</i>
	Matal	*/ʔyaw/ > */yyaw/	<i>y:aw</i>
	Mandara, Malgwa	*y/yawa/	<i>yawe</i>
MOFU	Ouldeme, Muyang, Moloko, Gemzek, Zulgo, Merey, Dugwor, Mofu North, Mofu-Gudur	*/yam/	<i>yam</i>
MAROUA	Giziga-Marva, Mbazla	*/yam/	<i>yam</i>
LAMANG	Lamang, Hdi	*y/yma/	<i>imi</i>
HIGI	Bana	*/yam/	<i>yam</i>
	Kamwe-Nkafa	*y/yama/	<i>yame</i>
	Kamwe-Futu	*y/yama/	<i>yemyi</i>
	Kiryā	*/yama/	<i>yamə</i>
	Psikye	*y/yam-w/	<i>yemu</i>
KOTOKO-ISLAND	Buduma	*/a-yam/ > */a-may/	<i>amay</i>
KOTOKO-NORTH	Afade, Mpade	*y/ama/	<i>ame</i>
	Malgbe	*/am/	<i>am</i>

KOTOKO-CENTRAL	Lagwan, Mser	*/am/	<i>am</i>
KOTOKO-SOUTH	Mazera	*y/?m/	<i>aʔim</i>
	Zina	*y/ama/	<i>ami</i>
MUSGUM	Mbara	*/?am/	<i>'am</i>
	Vulum	*y/yam/	<i>yem</i>
	Muskum	*y/am-w/	<i>yamu</i>
Whistle, to		*f(a)y(a)k^wa	
BATA	Gude	*/fykw/	<i>fiku</i>
	Jimi	*/fyk ^w -n/	<i>fik^wən</i>
DABA	Mbudum	*/RED-fk/	<i>fəfək</i>
	Mbudum	*y/RED-fak/	<i>fəfek</i>
	Buwal	*y/RED-fak ^w /	<i>fəfek^w</i>
MAFA	Mafa	*w/fk ^w /	<i>fuk^w</i>
	Cuvok	*/RED-fk ^w a/, */fa-fak ^w a/	<i>fəfk^wa, fəfk^wa</i>
HURZA	Vame	*/RED-fw/	<i>fəfu</i>
MANDARA	Podoko, Mandara	*/fyk ^w a/	<i>fik^wa</i>
	Malgwa	*y/fyk ^w a/	<i>fii^wa</i>
	Dghwede	*y/fga/	<i>fəge</i>
	Glavda	*/RED-fayk ^w a/	<i>fəfik^wa</i>
MOFU	Muyang	*y/fyk ^w a-y/	<i>fik^wey</i>
	Gemzek	*w/fk ^w /, *y ^w /m-fk ^w a/	<i>fuk, məfuk^we</i>
	Merey	*/RED-fk ^w /	<i>fəfək^w</i>
	Moloko	*w/faka-y/	<i>fokay</i>
	Zulgo	*y/RED-fak ^w a/	<i>fəfek^we</i>
	Mofu-Gudur	*/RED-fak ^w /	<i>fəfak^w</i>
LAMANG	Hdi	*/vyxa-y/	<i>vihay</i>
HIGI	Kamwe-Futu	*/fyg ^w a/	<i>fig^we</i>
White		*k^w(a)d(a)ka	
DABA	Mbudum	*y/RED-kdđak/	<i>kykyd^w:ek</i>
MAFA	Cuvok	*y/k ^w adʔ	<i>k^wed</i>
	Mafa	*y/RED-k ^w dđāʔa/	<i>k^widk^widdē'e</i>
HURZA	Vame	*ma-k ^w adā-y/ > *y/ma-dāk ^w a/	<i>medek^we k^wedek,</i>
	Mbuko	*y/k ^w adāk/, *y/RED-k ^w adāk/	<i>k^wek^wedek</i>
MANDARA	Matal	*ma-k ^w dga-y/ > *y ^w /ma-dk ^w ga/	<i>mædik^wga</i>
	Glavda	*/ma-k ^w dā/ > */ma-dk ^w a/	<i>mad^ʔk^wa</i>
	Podoko	*y/ma-k ^w adā/ > *y/ma-dāk ^w a/, *y/ma-k ^w ad-la/ > *y/ma-dāk ^w -la/	<i>medek^we, medekula</i>
	Dghwede	*/ma-k ^w adā / > */ma-dāk ^w a/	<i>mat'ak^wa</i>

MOFU	Ouldeme	*/ma-k ^w adā-y/ > */y/ma-dāk ^w a/,	<i>medek^we</i>
	Merey	*/y ^w /RED-k ^w dāk/ */y/k ^w adāk/	<i>kudekudek</i> <i>k^wedek</i>
	Merey, Gemzek, Mofu		
	North, Mofu- Gudur		
MAROUA	Giziga-Muturwa	*/k ^w adāk/	<i>k^wedek</i>
MUSGUM	Mulwi, Vulum	*/m-k ^w ɗ-y/ > */y ^w /m-dk ^w -y/	<i>muduk^wii</i>
White hair		*k^w(a)ra	
DABA	Daba	*/RED-xl/	<i>huhul</i>
MAFA	Cuvok	*/k ^w ala-y/	<i>k^walay</i>
SUKUR	Sukur	*/k ^w r/	<i>k^wir</i>
HURZA	Mbuko	*/m-d-k ^w ar/ > */d-d-k ^w ar/, */m-d-k ^w ar/ > */d-d-k ^w ar/	<i>dādūk^war</i> , <i>dādūk^war</i>
	Vame	*/dā-k ^w ar/ > */a-k ^w ar/	<i>ak^war</i>
MANDARA	Podoko	*/k ^w la-RED/	<i>kulala</i>
	Mandara	*/y ^w /k ^w l-ya/	<i>kuliye</i>
MOFU	Moloko	*/dā-k ^w l/	<i>dāk^wəl</i>
	Zulgo	*/dā-k ^w l/ > */a-k ^w l/	<i>akul</i>
	Muyang, Gemzek	*/dā-k ^w al/ > */a-k ^w al/	<i>ak^wal</i>
	Mofu-Gudur	*/dā-g ^w al-y/ > */y/a-g ^w al/	<i>eg^wel</i>
	Mada	*/dā-k-k ^w al/ > */a-k-k ^w al/	<i>akk^wal</i>
	Merey	*/ma-dā-k ^w al/	<i>madāk^wal</i>
	Dugwor	*/w/ma-dā-k ^w al/	<i>madakol</i>
	Giziga-Muturwa	*/x ^w al/	<i>hol</i>
MAROUA	Giziga-Marva	*/ma-x ^w al/ > */nw/a-x ^w al/	<i>anhol</i>
Wind, cold season		*s(a)m(a)da	
BATA	Gude	*/mdā/	<i>māda</i>
	Jimi	*/y/m-bɗ-n/	<i>^mbidən</i>
DABA	Gavar, Daba	*/md/	<i>mid</i>
	Buwal, Mbudum	*/mad/	<i>mad</i>
MAFA	Cuvok	*/y/ma-mad/	<i>memed</i>
HURZA	Mbuko	*/mad/	<i>mad</i>
	Vame	*/y/xmadā/	<i>həmadē</i>
	Ndreme	*/y ^w /xmadā/	<i>humadē</i>
	Margi-South	*/n/ybad-w/	<i>yə^mbadu</i>
MARGI	Margi	*/yamadā/	<i>yamadā</i>
	Bura	*/ny/sabar/	<i>ja^mbar</i>
MOFU	Zulgo	*/ny/xbd/	<i>hi^mbid</i>
	Gemzek	*/ny/xbad/	<i>hə^mbed</i>
	Moloko	*/xmad/	<i>həmad</i>
	Dugwor	*/y/xmad/	<i>həmed</i>
	Mofu-Gudur	*/y/ma-mad/	<i>memed</i>
	Mofu North	*/y/ma-md/	<i>meməd</i>
	Muyang	*/amd/	<i>aməd</i>
	Ouldeme, Mada	*/amad/	<i>amad</i>

MAROUA	Giziga-Muturwa	*y/xmd(-y)/	<i>himid(i)</i>
	Giziga-Marva	*y/xmad/	<i>himed'</i>
	Mbazla	*y/smad', *y/tsmad/	<i>simed', t'fimed'</i>
LAMANG	Lamang	*/safa-ka/	<i>safaka</i>
	Hdi	*/fala-k/	<i>falak</i>
KOTOKO-ISLAND	Buduma	* ⁿ /xabdā/, * ⁿ /xabadā/	<i>ha^mbādā, ha^mbadā</i>
KOTOKO-NORTH	Mpade	*y/smadā/	<i>simađi</i>
	Afade	*y/samadā/	<i>semade</i>
	Malgbe	* ^z /tsamara/	<i>tʃ'amare</i>
KOTOKO-CENTRAL	Lagwan	*y/sma/, *y/smadā/	<i>fima, simađi</i>
	Mser	*y/smad-y/	<i>simađi</i>
KOTOKO-SOUTH	Mazera	*y/smdā/	<i>simde</i>
	Zina	*/a-smadā/	<i>asmadā</i>
MUSGUM	Mbara	* ^w /smdā-y/	<i>sum'day</i>
	Muskum	*y/smat/	<i>simet</i>
	Vulum	*y/smar/	<i>simer, simer</i>
GIDAR	Gidar	*smya/, *y/smya	<i>səmya, simya</i>
Woman, wife		*g^w(a)sa	
MAFA	Mafa, Cuvok	*/m-g ^w az/ > */η-g ^w az/	<i>ηg^waz</i>
TERA	Tera	* ^w /m-sa/ > * ^w /n-sa/, * ^{yw} /m-sa/ > * ^{yw} /n-sa/, * ^w /ma-γza/ > * ^w /na-γza/	<i>nusu, nufu, noyzə</i>
MANDARA	Malgwa	* ^{yw} /m-ksa/	<i>mukse</i>
	Matal	*y/m-s/	<i>mif</i>
	Dghwede	*/m-sa-y/ > *y/n-sa/	<i>nife</i>
	Podoko	*m-sa/ > */n-sa/	<i>nəsa</i>
	Glavda	*m-wsa/ > */w-wsa/, */m-w/ > */w-w/	<i>u:sa, uu</i>
MOFU	Zulgo	*/m-ks/	<i>məkəs</i>
	Gemzek	*/m-kas/	<i>məkas</i>
	Mofu-Gudur	* ^{nw} /ma-g ^w sa/	<i>ma^ggusa</i>
	Merey, Mofu	*/m-g ^w as/ > */η-g ^w as/	<i>ηg^was</i>
	North, Mofu-Gudur		
MAROUA	Dugwor	*/m-g ^w as/ > * ^w /η-g ^w as/	<i>ηg^wos</i>
	Giziga-Marva	*g ^w as/	<i>g^was</i>
	Mbazla	*/m-gas(a)/ > */η-gas(a)/	<i>^ggas(a)</i>
Work(, to)		*l(a)na	
BATA	Gude	*/l ⁿ a/	<i>lənə, lənə</i>
	Sharwa	*/l ⁿ /	<i>lən</i>
	Jimi	*y/l ⁿ -n/	<i>linən</i>
	Tsuvan	*y/l ⁿ -y-k-n/	<i>linikən</i>
	Bata	* ^{yw} /lan-ta/	<i>lento</i>

DABA	Gavar	*/ɣn/	ɣən
	Buwal	*/ɣan/	ɣan
TERA	Tera	*/t̪na/	t̪əna
SUKUR	Sukur	*/ɣn/	ɣən
HURZA	Vame	*/t̪ra/	t̪əra
	Mbuko	*/a-lan/	alan
	Margi	*/t̪r/	t̪ər
MARGI	Kilba	*/t̪ra/	t̪əra
	Bura	*/y/k-t̪r/	kilir
	Matal	*/t̪ra-y/	t̪ray
MANDARA	Podoko, Malgwa,	*/t̪ra/	t̪əra, t̪l̪əra
	Dghwede		
	Glavda	*/t̪ra/, */t̪a/	t̪ra, t̪ə
MOFU	Mofu-Gudur	*/t̪ra/	t̪əra
	Ouldeme	*/a-t̪r/	at̪ər
	Gemzek,	*/m-t̪r/	m̪ət̪ər
MAROUA	Dugwor, Mery		
	Moloko	*/y/t̪ra-la/	t̪ərele
	Giziga-Muturwa	*/t̪ra/	t̪ra
LAMANG	Giziga-Marva	*/y/t̪ra/	t̪ira
	Lamang, Hdi	*/t̪na/	t̪əna
	Kamwe-Nkafa,	*/t̪na/	t̪ənə
HIGI	Kirya, Psikye		
	Kamwe-Futu	*/y/t̪na/	t̪inə
	Bana	*/t̪n-y/	t̪əni