Ywom wordlist

[DRAFT CIRCULATED FOR COMMENT -NOT FOR CITATION WITHOUT REFERENCE TO THE AUTHOR

Roger Blench
Kay Williamson Educational Foundation
8, Guest Road
Cambridge CB1 2AL
United Kingdom
Voice/ Ans 0044-(0)1223-560687
Mobile worldwide (00-44)-(0)7847-495590
E-mail rogerblench@yahoo.co.uk
http://www.rogerblench.info/RBOP.htm

This printout: September 10, 2013

TABLE OF CONTENTS

1. INTRODUCTION	
2. YWOM SOCIETY	
3. YWOM PHONOLOGY	
3.1 Ywom consonants	
3.2 Vowels	
3.3 Tones	
4. WORDLIST	
REFERENCES	

TABLES

Error! No table of figures entries found.

1. Introduction

This is a wordlist of the Ywom language [also Yiwom, Gerkanci], spoken in the southeast of Plateau State, Nigeria. The first linguistic material on the Ywom language is almost certainly Jungraithmayr (1964). Some of this is reprised in Jungraithmayr & Ibriszimow (1994) but until Ywom Project (2010) there has been no new data. This analysis is based on a recording made with Ruth Pam in Jos in April 2012 as part of the first West Chadic Workshop. Many thanks to the Wycliffe Survey Team for undertaking the recording, and to David Crozier for capturing some copies of the Ywom Reading and Writing book for analysis.

This document is a transcription of the wordlist taken in Jos, with a preliminary phonological analysis. It is transcribed into a long English/Hausa wordlist used for my own elicitations, hence the large number of gaps. The sound-system of Ywom is very unusual, with many sounds only apparently recorded once. These may turn out to be errors or idiosyncratic forms on further checking, but they are given here as sounded on the recording.

2. Ywom society

Ywom speaking people are also known as Garkawa, Gerkachi and Gerka and Gurka from the Hausa name Gerkawa. Hil Ywom is their main town in the southeast corner of the present Milkang Local Government Area, it and is bounded in the North and East by the Langtang section of Tarok, in the southeast by Dampar South by Inshar and West by the Lalin section of Montol.

The Ywom people have been in their present home for more than two hundred years. The Pitop clan came to the area first and provide itself a stockaded town at a place called Hakbap. The Rohta followed second and settled in Kyel-hyel at Rohta-Hills, North of Hyelyum. Other families arrived in large detachments one after the other and took refuge at Kyel-Hyel. Rohta rock was fortified and was capable of withstanding a siege. In the middle of nineteenth century, other families came from their hills to live in their present homes, the former at Rokta, the latter at Pitop. According to legends preserved by both sections, their ancestors sprang from the ground. The Rokta maintain that they are from river Gwinan in the hills, while the Pitop claim that theirs emerged from the earth. The word ywom in the Youm language means 'leaves'. The folk-etymology connecting these words is the image of trees growing out of the ground, so their ancestors came into being. The name "Gerkawa" was given to them by the Fulani/Hausa traders owing to their military prowess and stubbornness. The name was derived from "Gagararru" which in the course of time become "Gerka" and "Bergarka" and finally Gerkawa. Legend points to the fact that all the families mentioned and who call themselves yiwom or Gerkawa were of Jukun stock that migrated after the breakup of kwararrafa empire (West of Bunkudi) and wandered until the settle down in Gerkawa town. Ywom clans are Rokta, Killah, Balbro, Pitop, Talim, Lahlil, Pensong, Gwar-Gimgim, Bal'Nlah, Longkrom and Wai. Each clan has its own priest (Bankumkrom). The transcribed names of the sections are; Ywòm, Ròkta, Layâl, Gwàr, Kela, Gímgím, Bálbárâ.

3. Ywom phonology

3.1 Ywom consonants

The table shows the consonant phoneme inventory of Ywom.

	Bila- bial	Lab dent		Dental	Al ol		Palato alveolar	Pa tal	la-	V	elar	Uvu- lar	Lal vel		Glot- tal
Stop	p b				t	d				k	g	G	kp	gb	3
Implosive	6					ď									
Nasal	m				n			ŋ			ŋ				
Fricative		f	\mathbf{v}	θ	S	Z		ſ	3		γ				h
Rhotic					r										
Lateral					1										
Approximant								y					\mathbf{W}		

The most striking feature of this inventory are the labial-velars, more characteristic of Benue-Congo languages. The voiced labial-velar /gb/ is not very clearly articulated and appears to be in free variation with 6. More surprisingly, for some words, speakers seem to alternate between /g/ and /b/.

Gloss	Ywom	Tarok	Jukun	Chadic
to know	kpèn	лí	PCJ *-yi	Wangdi pàŋ
to smoke fish	kpan	fèp	?	
gravel	kpàár	ìjat	PJ *twom 'stone'	
to shave	kpar	rèm, gyok	PCJ *ŋwi-a	
hatred	kpaŋ	'nkpàŋ	PJ *zэ́p	

Gloss	Ywom	Tarok	Jukun	Chadic
leg	gbák	a∫ár	PJ *pwan	Montol kwak
taro	gban	ŋ̀gwàn	Kuteb tínyiŋ	
unripe	gbàáŋ	-gbangkum, -kpəlfək	Kuteb tīkōŋ	
press	gbàŋ	kèr, byáp	?	

A consonant that only appears once is the voiceless dental fricative θ ;

to bathe tìp θίk

Ywom has a voiced uvular plosive, /g/, which is probably not contrastive with the velar fricative /y/, and is transcribed this way in Ywom Project (2011).

Stone	ègék
Ground	Gál
Medicine (generic)	Gàn
Neck	GŠ

A single example of a problematic sound is the vibrating /v/ in;

Black vwu

The lower lip vibrates when the fricative sound is produced.

Ywom permits labialised and palatalised consonants. Examples are as follows;

bw	bwan	useless person
6w	6wat	dirt
fw	fwap	to squeeze
gw	gwal	crab
kw	kwat	tick
mw	mwàt	to hide
tw	twàl	to discuss
yw	Ywom	name of people

It will be seen that labialisation applies predominantly to stems with a low central vowel. It is not easy to demonstrate that examples of labialisation before a mid back vowel, such as;

6won young bwot meat stock dwop what fwol to grow bird sp. kwom mwòt woman vwut dry season Ywom Ywom people

are contrastive.

Ywom also has a small number of palatal consonants, almost entirely focused on the stems with a low central vowel;

ky kyan front n nal scar fy fyep tree sp.

Again, whether palatals before stems with a mid front vowel are genuinely contrastive is uncertain.

A single case of a palatal-labial;

chin gywàm

More prevalent that palatals and labials are stems initials with rhotics and laterals. Rhotacised initials are as follows;

br	mbram	thunder
	mbrombro	eight
pr	pro	four
	pra	to chase
tr	tra	ten
	troŋ	liver
dr	drok	drop of water
	dra	tenth
kr	kŕm	person
	krom	plantain
	kram	difficult
gr	gra	to grind
	grum	placenta
gbr	gbraŋ	to grind roughly
	gbrip	to close forcefully

Almost all stems have the low central vowel and or a back vowel. Consonants followed by a lateral are rare;

```
dlim
           bark of a tree
    dlok
           something small
    tle
           tree
    flu
           two
    flak
           carelessly
    plaŋ
           young
           to debark
    plok
    klak
kl
```

Again there is a strong tendency to favour the low central vowel and the back vowels in the stem.

Cl sequences can arise at morpheme boundaries which do not represent lateralisation;

paklin post rainy season period

Doubled consonants can arise from assimilation at morpheme boundaries. For example;

fwollə old ganni task [?] kurri to bend tettə to despise

Final vowels in Ywom can be sounded with glottalisation or an unreleased $-^k$, exactly as in Tarok. Examples of final glottals are as follows;

là?	cow
?él	give birth
má?	farm
mà?	mother
pyáŋmù?	six
sùwá?	mortar (wood)
tá [?]	arm, hand
yìtmá?	tear
tá ^k	drink

On grounds of cognacy with other Chadic languages, some of these are probably phonetic. Others may genuinely represent an eroded consonant.

3.2 Vowels

Ywom has the same vowel inventory as Tarok and Goemai, with three central vowels, but in contrast to other West Chadic 3 languages.

	Front	Central	Back
Close	i	i	u
Close-Mid	e	ę	O
Open		a	

In the following three words a high back unrounded vowel has been recorded.

Salt kùn When? nùi Goat gùi

These contrasts that would warrant setting this up as a separate phoneme and for the moment it is treated as originating in the sequence w + i. Indeed Ywom project (2011) records this word as kiin.

There are long/short contrasts for three vowels, /a/, /e/ and /i/, as in;

yáán child deer road kiin salt

There are no nasalised vowels.

An intriguing morphological process in Ywom is the deletion of vowels, leaving tones or consonant clusters. Examples recorded so far include;

Dog zyát
Hunger k`tím
Knee fim
Ten t`rá
Two f´lù

3.3 Tones

Ywom Project (2011) claims that Ywom has three level tones, but does not present an example of three-way contrast. Although many other languages in Chadic A3 do appear to have three tones, such as Mwaghavul, Ywom almost certainly has two tones and occasional mid-tones are almost certainly phonetic. Minimal pairs are as follows;

wóŋ song to wash wòn mí one mì relation sit down túŋ ant-hill tùŋ túk soup tùk to kill

There are surface glide tones, rising and falling, but there are almost certainly the output from sequences of level tones.

The most striking feature of Ywom is the presence of tones on deleted vowels. Many of the modified initial consonants in Ywom are in fact sequences of two consonants with a tone-bearing epenthetic vowel between them. For example, two common numerals, written *flu* and *tra* in the orthography are actually;

Two f'lù Ten t`rá

This explains why attempts to write Ywom often insert an 'i' between the two initial consonants, hence the common spelling 'Yiwom'. The perception that there is a tone-bearing segment between the two consonants is correct, but to assign it to a particular vowel is probably misleading.

Ywom also has initial tone-bearing homorganic nasals. As with Mwaghavul, these are only sometimes sounded, for reasons which are still unclear.

4. Morphology

Hundred dàn d`rá

Gloss	Hausa	Ywom
Tree (generic)	íccè	∫ép
Leaf	ganyē	ywóm
Root	sàiwā/sauya	
Branch	rēshè	yántá ∫èp
Bark (of tree)	6āwō	
Thorn	ƙayà	yer
Grass (generic)	cī̇̀yāwà	vùvùk
Mushroom	nāmàn dājì	
Water-lily	badō	
Seed/stone/pip	irì	kírùŋ
Charcoal	gawàyī/gawai	•
Dust	kūrà	6ùk
Ashes	tōkā (cold)/ràushī (hot)	fát
Rubbish-heap	jūjī/jibji	
Mud	tà6ō	byél
Clay	yumbū	wún
Dew	rā6ā	,, , , , , , , , , , , , , , , , , , ,
Stone	dūtsè	ègék
Sand	yā̀shī	nén
Smoke	hayākī	yèl
Fire	wutā	wùs
Water	ruwā	γám
Rain	ruwan samà	fyén
Cloud	gàjìmàréé, gír̃gíjèè (rain-cloud)	Tyen
Lightning	wàlƙiyā	
Rainy Season	dàminā/dàmanā	lìŋ
Dry season	rānī	111)
Harmattan	lokacin sanyi	
Year	shekarà	yì
Today	yâu	y i
Yesterday	jiyà	kázèm mì
Tomorrow	gòòbe	dấm
Morning	sāfē	6 ì s rớ?
Afternoon	Saic	lèŋ mér pyè kè?
Evening	yâmmā	pìyà Jén
Day	rānā	pryagerj
Night	darē	kwót
Midnight	dare	mèr pwót
Moon/month	watà	tár
Sun	rānā [also 'day']	b í s
Star(s)	tàurārò	UIS
Wind	iskà	
Whirlwind God	gū̀guwā̀	Nàón
God	Allàh	Nàán
Sky	samà	tèŋ
World	dūnìyà	- 21
Ground	ƙasā	Gál

Hausa	Ywom	
kồgi, gulbī	vòr	
rầfi		
tábk ì		
kurmì	zàm	
tsaunì	kyé	
túdù		
kogō		
dājì		
gōnā	má?	
kā̀suwā		
gidā	lùk	
	bùk	
ďākì	pín	
bangō		
jinkā		
rùmbū		
rījìyā		
hanyā	đềèr	
gēfè		
	frak	
gàrī		
gā6à		
fàdamà		
wurī	pye	
	kŕm	a Ywom ma? are
mùtûm		you Ywom?
namijì	kŕm	•
màcē	mwót	
yārò	yààn pl. yáròŋ	
bàzàwārā		
sauràyī		
bùdurwā		
ùbā	ηbáŋ	
uwā	mà?	
	mì	
3	kan	
wâ		
	J	
	mùtám	
	mùdáp	
	-	w is pulled back in
	IIIWƏ	w is pulled back in
	шмә	-
	mwə	throat as if
sarkī	ewin	-
	kồgi, gulbī rằfī tábkì kurmì tsaunì túdù kogō dājì gōnā kằsuwā gidā dãkì bangō jinkā rùmbū rījìyā hanyā gēfè gàrī gā6à fàdamà wurī mùtûm namijì màcē yārò bàzàwārā sauràyī bùdurwā ùbā	Kogi, gulbī vòr råfī tábki kurmì zàm tsaunì kyé túdů kyé kogō

Gloss	Hausa	Ywom	
Thief	6àrāwò		
Doctor	bōkā		
Witch	mâi		
Corpse	gāwā		
Blacksmith	maƙèri		
Slave	bāwà		
Servant		3àl	
Cult	mài giro		
Shame	kunyà		
Fear/fright	tsorō		
Bravery/courage	mazantakà	fáán	
Laughter	dāriyā		
Wisdom	hikimà		
Anger	fushī		
Race/running	gudù		
Suffering	wāhalā		
Death	mutuwà		
Name	sūnā	t í m	
Grave	kabārī	бím	
Song	wāƙà	wóŋ	
Proverb	karìm màganà		
Story	tātsūnìyā		
Word	kalmà		
Lie	ƙaryā		
News	lā̀bāri		
		k`t í m	nì íkàl k`tìm 'he is
Hunger	yunwà		hungry'
Horn	ƙàhō		
Tail	bindi, wutsiyà	dwŏm	
Egg	ƙwai	íŋkyè	
Wing	fikāfikī		
Nest	shèƙā		
Feather	gāshìn tsuntsū		
Gum/glue	ɗankò		
Ant-hill	sūrì	tùŋ	
Hole in ground	rāmī̀	túùn	
Hole in tree	kogō [also 'cave']		
Smell	wārī		
Poison	dafi		
Load	kāyā	sə́ni	
Bundle	ƙunshì		
Stick	sàndā		
Yam-heap	bungā		
War	yāƙì	klàŋ	
Work	aikì		
Divination (types)	dūbà		
Medicine (generic)	māgànī	gèn	
Money	kudī	bwày	
Shadow	inuwà	5 · · · · · ·	
DIIMGO W	III u vv u		

Gloss	Hausa	Ywom	
Thing	àbù		
Length	tsawō		
Sleep	barcī		
Disease(generic)	cīwo	pwŏt	
Diarrhoea	zāwò		
Eczema	kircī		
Goitre	mầkōkò		
Ulcer	gyàmbō		
Sore/wound	ràunī		
Leper	kutùrtā		
Head	kâi	k í	
Eye	idò	yít	
Face	fuskà		
Cheek	kuncī		
Forehead	gōshī	kuớn	
Nose	hancì	п̄dú	
Ear	kûnnē	6 á m	
Mouth	bākī	pák	
Tooth	haƙōrī	.jès	
Tongue	harshè	lís	
Throat	màƙōgwàrō		
Neck	wuyà	Gð	
Jaw	màƙā̀rū		
Chin	haɓà	gywàm	
Shoulder	kā̀fadã		
Armpit	hamàtā		
Arm, hand	hannū	tá [?]	
Leg	ƙafà	gbák	
Thigh	cinyà	ywáy	
Knee	gwīwà	fìm	
Finger	yātsà / hurcè (S.)	yāntá	
Nail (Finger/toe)	farcè	gūgúl	
Female breast	nōnò	ūwót	
Stomach	cikì	ąγák	
Stomach internal	tùmbí	- - - - - - - - - - - - - - - - - - -	
Chest	kìrjī	feer	
Navel	cībì	kúm	
Back	bāyā	yēŋgí	
Buttocks	duwāwū	<i>y 35</i>	
Penis	bū̀rā		
Vagina	dūrì		
Skin	fātà		
Bone	ƙàsh ī	gás	
Rib	haƙàrƙarī	2	
Vein	jījìyā		
Blood	jin ī	∫èm	
Breath	numfāshī	J	
Tear	hawāyē	yìtmə́?	
Saliva	miyau	lèbák	
~ ~~	,	100 411	

Gloss	Hausa	Ywom
Sweat	zufà	tèèmfáŋ
Urine	fi̇̀ts̀ari	
Faeces	ƙàshī	
Hair	gāshì	tùwòtik í
Beard	gēmù	
Liver	hantà	
Heart	zūcìyā	zagəhə [?]
Intestines	hanj ī	
Body	jìki	tík
Meat	nāmà	líyà
	dabbàr dājì, nāmàn dāji [but can mean	,
Animal (Bush)	'mushroom']	
*Camel	ràkumī	
Cow	sānìyā	là?
Bull	sâ	
Calf	màràkī	
Goat	àkwiyà	GÙI
He-goat	bùnsurū	gui
Sheep	tunkìyā	tám
Ram	rāgō	
	kàrē	<mark>gaam</mark> z ^y át
Dog *Cat		z at
	kyânwā, mússà àladè	
*Pig	dōkī	
*Horse		
*Donkey	jàkī 	
Elephant	gīwā	
Hippo	dorinà	
Buffalo	6aunā	
Lion	zākì	
Leopard	dāmisà	
Hyena[1]	kūrā	
Civet cat (musk?)[2]	jūdà / jibda (S.)	
Genet cat[3]	ínyāwáfā	
Jackal[4]	dilā	
Wart-hog[5]	gàdu / gyādō (S.)	
Duiker antelope[7]	gā̀dā	
Kob antelope[8]	māràyā	
Roan antelope[9]	gwankī	
Porcupine[10]	bēguwā	
Monkey	birì	
Baboon	gōgò, gōgòn birì	
Patas monkey[12]	jan birì	
Vervet monkey[13]	ƙàrámín birì	
Squirrel (ground)	kùrēgē	
Squirrel (tree)	бēram bisà	
Rat (generic)	бērā	ktám
Bush-rats	e.g. kūsù	
Giant rat[15]	gafiyà	
Fat mouse	haya [not often known]	
	, [

Gloss	Hausa	Ywom
Grasscutter[16]	burgū	
Hedgehog[17]	būshiyā	
Hare[18]	zōmō	təɓar
Dassie	rema	
House-bat	birbirì	
Fruit-bat	jēmāgè	
Nile crocodile	kadà	ɗaŋ
Chameleon	hàwainìyā	•
Agama lizard	ƙadangarè	
Skink	kul6à	
Gecko	tsakā	
Monitor lizard (land)	damō	
Monitor lizard (water)	gùzà / tsari	
Toad	kwādō	ſĭn
Frog	kōzō [not known]	3
Tortoise	kùnkurū	
Snake (Generic)	mac iji	wák
Spitting cobra	kùmurcī / bakin macījī?	
Python	mēsà	
Turtle	kìfīfiyà	
Crab	kāguwā	
River molluscs	kàtantanwà / kōdì	
Fish (generic)	kīfī	kìróp
Tilapia (spp.)	gargazā	кнор
Puffer fish[19]	tàlìbambam	
Catfish (spp.)[20]	kùrúngù	
Nile Perch[21]	gīwar ruwā	
Electric fish[22]	minjiryā	
Bird (generic)	tsuntsū	ìyát
Chicken	kàzā	kóη
Cock	kājī	del
*Duck (Domestic)	àgwāgwā	dei
Pigeon (Domestic)	tàttabàrā	
Guinea-fowl	zābō	tewàm
Hooded Vulture[23]	ùngùlū	te wann
Village Weaver[24]	gādō	
	bilabila?	
Cattle-egret[25]	shāhò	
Black kite[26]		
Standard-wing Night-jar	yautai	
Owl (various spp.)	mūjìyā	
Grey Parrot[27]	àku	
Senegal Coucal[28]	ragon maza	
Bush-fowl/partridge	kāzan dājì	
Swallow	bilbilō, alallakā	
*Pied crow[29]	hànkākà	
Woodpecker	maƙwaƙƙwafī	
Insect (Generic)	ƙwarō	0
Scorpion	kùnāmà	dîr
Butterfly	mallàm-būdè-littāfi	

Gloss	Hausa	Ywom	
Mosquito	saurō		
Spider[30]	gizògizò		
Mason wasp[31]	zànzarō		
Bee	zuma	\mathbf{m}^{Y} ìn	
Sweat-fly	galla/duma?		
Sandfly	kiyashi		
Housefly	ƙudā	ſĭſĭ	
Ant (Generic)	kukuda	3in	
Louse (Human)	kurukuta	<u>l</u> yè	
Millipede	ƙàdandōnìyā	55	
Cockroach	kyànkyasð		
Termite	gàrā		
Flying-ant	singe		
Grasshopper	fara	laat	
Praying mantis	dokin Allah		
Firefly	màƙèsu		
Giant Cricket	gyare		
Earthworm	tānā		
Giant Snail	dồdon kōdì		
Oil Oil	mai		
Fat/grease	kitse		
Salt	gishiri	kùın	
Soup/stew	miya	túk	
Porridge	tuwo	6wón	
•	kunu	bwon	
Porridge sloppy Millet balls	fura		
Sorghum-beer	giya, burkutu		
Palm-wine	bammi		
Peelings	6āwō [though = 'bark']		
Filter	matācī		
Rag	suma		
Floor-beater	explain!		
Handle (of tool)	kōtà, bota		
Sickle	lauje		
Cutlass	adda		
Iron	ƙarfe		
Axe	gatari	yèmtá	
Adze	gizago		
Hoe I	fartanya	prínà	
Hoe II	galma		
Hammer	masaba		
Knife	wuƙa	kél	
Comb	ùr̃yà, matsēfi̇̃		
Broom	tsintsiya	yìdák	
Bag 1	jaka		
Bag 2	burgami		
Shoe	takalmi		
Clothing		bàtík	
Sack	buhu		

Gloss	Hausa	Ywom	
Fireplace	murhu		
Grindstone (top)	dūtsèn nikā		
Grindstone (lower)	dūtsèn nikā [babban]		
Mortar (wood)	turmi	sùwá?	
Pestle	taɓarya	yémdèl	
Pot (generic)	tukunya	δú	
Pot I	tulu		
Pot II			
Head-pad	gammō		
Basket (generic)	kwando	tùk∫ĭ	
Winnowing tray	matankade		
Mat (generic)	tabarma	bàŋ	
Needle	allura		
Spear	mashi	loŋ	
Bow	baka		
Arrow	kiɓiya		
Quiver	kori		
Chain	sarka		
Rope	igiya		
Stool	kujera	'ntók	
Wooden door	ƙyaurē	pàk pín	
Fence	darni		
Bridge	gada		
Ladder	sani?		
Canoe	jirgi		
Paddle	hulahuli		
Bee-hive	gidan zuma		
Fish-Net	taru		
Fish-trap I	homa		
Fish-trap II			
Fish-trap III			
Snare	tarko		
One	ɗaya	mí	
Two	biyu	f´lù	
Three	uku	kùn	
Four	huɗu	prò	
Five	biyar	pwàt	
Six	shida	pyáŋmù?	
Seven	bakwai	m̀bròŋkún	
Eight	takwas	mbròmbró	
Nine	tara	m̀bròm pwát	
Ten	goma	t`rá	
Eleven	goma sha ɗaya		
Twelve	goma sha biyu	t`rà mà kớ f`lù	
Fifteen		t`rà mà kớ pwát	
Twenty	ashirin	t`rà f`lù	
Forty	arba'in		
Sixty	sittin		
Eighty	tamanin		

Gloss		Hausa	Ywom	
Hundred	ɗari		dàn d`rá	
Black	baki		<u>v</u> wu	The v vibrates
White	fari		pyá	
Red	ja		là	
Sweet	daɗi			
Bitter	ɗaci			
Ripe			nùŋ	
Rotten			màmá?	
Unripe			gbàáŋ	
Half	reßi		gouarj	
Big	babba			
Small	ƙarimi		nís	
Full	Kariiii		6ùm	
Wide			yàt	
Narrow			yaı	
Tall	dogo			
Short	_		g [?] ùp	
	guntu			
Long	manyvi		ɗyáŋ śnàt	
Heavy	nauyi		ínèt nét kì	not hoover
Light	maras nauyi		liet ki krák	not heavy
Hard				
Soft	C		dîm	
Hot	zafi		nùwá	
Cold	sanyi		yòŋ	
Old	tsoho		gògók	
New	sabo		k`kí	
Good	kyāu			
Bad	maràs kyāu		1-117	: 1 : - : 1 1 - C -
1 0			k`ló	idea is 'hand of a
Left				woman'
Right				'hand of a man'
Wet, damp	1 1		zám	
Dry	bushe		fi	
Dirty	1 2 _		bwàɗə	
Round	kèwayayyē		2 (7)	TT1 : : :
			zàŋ, 6álì	This is just the
1.6	1			general plural
Many	da yawa		7 13	marker
Few	1 1		záŋ kì	
All	duka		pyát	
Add to	kara			
Answer (question)	amsa		1.3	
Arrange			kìn	
Arrive	isa, iso		. 31	
Ask a question	tàmbayấ		tèl	
Ask/beg for something	rồƙā		6ór	
Awaken (s.o.)	tấsā		CM	
Bark (dog)	yi haushì		6ùk	
Bathe			tìp θ í k	

Gloss	Hausa	Ywom	
Be bent	lanƙwàshē		
Be heavy	nauyī		
Be on (s.t.)	yanằ kân [tebur]		
Be rotten, rot	ru6è		
Be short, short	gàjērē		
Beat (drum)	buga (ganga)		
Beat (s.o.)	buga mutum	gbáp	
Become dry	bushe		
Begin	fara		
Bite	ciza	G ó t	
Blow (flute etc.)	būsằ		
Boil	tafàsā, dafà	fwíl	
Build (house etc.)	gina		
Burn (fire burns)	kone [wuta ya kone]	pàŋ	
Bury	binne		
Buy	saya	dîp	
Call (to someone)	kira	•	
Carry	ɗauka		
Carve (wood etc.)	sassaƙa		
Catch	kama		
Chew	tauna		
Choose	zabe		
Climb	hau		
Close	rufe		
Come	ZO	6ál	
Come out (of room)	fito		
Confuse		lat	
Continue (to do s.t.)	ɗinga		
Cook	dafa	∫ìt	
Cough	tari	t í m	
Count	ƙirga	kwèní	
Cover	ya rufe tukunya		
Cut down (tree)	yanke icce	đềt	
Cut in two	raba		
Cut off (head etc.)	yanke kai		
Dance	rawa	tám	
Die	mutu	mùt	
Dig (earth etc.)	gina		
Divide/share	kasa		
Do/make	yi	ɗúm	
Draw water	yā ja ruwā		
Dream	yi mafalki		
Drink	sha	tá ^k	
Drop	sake	tít	
Dry in sun	shanyi		
-	-	SO	nì ísò 6wòn 'he is
Eat	ci		eating porridge'
Enter	shiga	rù	
Extinguish	kashè		
Extinguish	kasne		

Fall (rain)	Gloss	Hausa	Ywom	
Fall over		ruwan sama ya		
Fear		•	ба́р	
Feel (cold etc.) ya ji sanyi kàs k' lán Fight (in war) yi fadå, yi yakî kàs k' lán Fill cika gbám find kôŋ Finish (a task) Finish (a task) gama Finish (a task) Flog bulala Finish (a task) Finish (a task) Flog bulala Finish (a task) Finish (a task) Flow (water etc.) gagara Finish (a task) Finish (a task) Flow (water etc.) gagara Finish (a task)			_	
Fight (in war) yi fadā, yi yākī kās k'lang gbám Fill cika gbám find kóŋ finsh (a task) gama Flog bulala finsh (a task) gagara Flow (water etc.) gagara titting 'run jump' Fold (cloth etc.) nade bi dang respect Fold (cloth etc.) nade bi dang respect for fold dang for fold for fold for for fold for for fold for fold <th< td=""><td></td><td></td><td></td><td></td></th<>				
Fill cika gbám find kóŋ Finish (a task) gama Flog bulala Flow (water etc.) gagara Fly (birds) tsuntsu ya tashi tú titj 'run jump' Fold (cloth etc.) nade			kès k`láŋ	
Finish (a task) gama Flog bulala Flow (water etc.) gagara Fly (birds) tsuntisu ya tashi tù tifin 'run jump' Fold (cloth etc.) nade Fold (cloth etc.) nade Follow bī dâŋ For choid dâŋ For choid pfm	<u> </u>		•	
Finish (a task) gama Flog bulata Flow (water etc.) gagara Fly (birds) tsuntsu ya tashi tù tiŋ 'run jump' Fold (cloth etc.) nade Formande Formande Forloid dâŋ bi Forse pr'm Forge Forge pr'm Forge Forge pr'm Forge Forge pr'm Forge Forge Pry (in oil) sōyâ tùr Gorde Forge Gorde Gorde<			~	
Flog		gama	,	
Flow (water etc.) gagara Fly (birds) tsuntsu ya tashi tù tíŋ 'run jump' Fold (cloth etc.) nade Formonical bi Forlow bī dan Formonical prim Forged prim prim prim prim Forget mantā prim				
Fly (birds)	_	gagara		
Fold (cloth etc.) nade Follow bī bì Forbid dâŋ Forbid Forge pŕm Forget Forget màntā Fry (in oil) sōyằ tùr Gather/collect tārả Get sēm Give bã đà sòl Give birth haifū là? Go jē wát Wât Wât <th< td=""><td></td><td></td><td>tù tíŋ</td><td>'run jump'</td></th<>			tù tíŋ	'run jump'
Forge pfm Forget måntä Fry (in oil) söyå tùr Gather/collect tärå				
Forget mântă Fry (in oil) sōyằ tùr Gather/collect tārà Get sāmù sål Give bā dà sål Give birth haifù lb² Go jē wât Go out/exit fita wât Grow (plants) yi girmā ************************************	· · · · · · · · · · · · · · · · · · ·	bī	bì	
Forget mântã Fry (in oil) sōyằ từ Gather/collect tãrà từ Get sāmù sål Give bã đà sål Give birth haifù là? Go jë wât Go out/exit fita wât Grow (plants) yi girmā Harves Harvest Gôr Gôr Have dâ wât Hear jī kål Hide mwát wat Hoe nnmā wat Hold yyá wat Hout fârautâ bâr Jump yī tsallē rám Kill kashè tük Kneel durkūsā trà Know sani kpòn Learn kkyā laughs a lot' Learn kkyā laughs a lot' Leave ki k'r'm kí 'the man is going away Lick <td>Forbid</td> <td></td> <td>dàŋ</td> <td></td>	Forbid		dàŋ	
Forget måntā Fry (in oil) söyā tùr Gather/collect tārā Get sāmù sāl Give bā dâ sāl Give birth haifū lā? Go jē wåt Go out/exit fīta wåt Grow (plants) yi girmā	Forge			
Gather/collect tārà Get sāmů Give bā dà sàl Give birth haifû là? Go jē wàt Go out/exit fita wàt Grind nikâ Grow (plants) yi girmā Harvest Gôr Gôr Hatch (egg) kyankyàshē Have dà Hear jī kòl Hell Hide mwát mwát Hoe nnmā yyá Hunt fārautà bàr Jump yī tsallē rám rám Kill kashè tûk Kneel durkūsā kpòn re laughs a lot² Leave laughs a lot² leaughs a lot² leaughs a lot² leave lick låsā leave lick låsa leave leave lick laughs a lot² leave lick laughs a lot² leave laughs a lot² leave leave leave laughs a lot² <t< td=""><td>Forget</td><td>màntā</td><td>•</td><td></td></t<>	Forget	màntā	•	
Get sāmù Give bā da sòl Give birth haiftù lò? Go jē wât Go out/exit fîta wât Groud nikâ wât Grow (plants) yi girmā wât Harvest Gòr Face of a core	Fry (in oil)	sōyà	tùr	
Give bā dà sèl Give birth haifû là? Go jē wât Go out/exit fita wât Grind nikâ wât Grow (plants) yi girmā	Gather/collect			
Give birth haifû là? Go jē wât Go out/exit fita wât Grind nikâ wât Grow (plants) yi girmā	Get	sāmù		
Go jē wàt Go out/exit fîta wàt Grind nikâ ************************************	Give	bā dà	sèl	
Go out/exit fita wàt Grind nikà	Give birth	haifù	Sél	
Grind nikà Grow (plants) yi girmā Harvest Gôr Hatch (egg) kyankyàshē Have dà Hear jī kòl Hide mwát Lear Hoe nnmā mwát Hold yyá Lump Hunt fārautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durkùsā kpèn Know sanì kpèn Laugh yī dàriyà laughs a lot' Learn kkyā ki k'r'm kí 'the man is going away Lick làsā Lice down kwàntā tát Listen saurārà Lose s.t. 6acē Make drum fān man gim	Go	jē	wàt	
Grow (plants) yi girmā Harvest còr Hatch (egg) kyankyàshē Have dà Hear jī kòl Hide mwát Hoe nnmā wát Hold yyá Loth Hunt fărautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durkusā kròn Know sanì kpòn Laugh yī dằriyà laughs a lot' Learn kkyā kì Leave kwā ki Lick lằsā Licdown Lic down kwàntā tát Listen saurārà Lose s.t. facē Make drum fan Make floor gim	Go out/exit	fita	wàt	
Harvest Gôr Hatch (egg) kŷankỳashē Have dà Hear jī kôl Hide mwát Hoe nnmā wyá Hold yyá ram Hunt fàrautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durkùsā trè nì tré yà mèn tì 'he Laugh yī dàriyà laughs a lot' laughs a lot' Learn kkyā kà k'r'm kí 'the man Leave kia k'r'm kí 'the man is going away Lick låsā Licedown kwàntā tát Listen saurārà lose s.t. bacē Make drum fân gim	Grind	niƙà		
Hatch (egg) kyanƙyàshē Have dà Hear jī kèl Hide mwát Hoe nnmā """"""""""""""""""""""""""""""""""""	Grow (plants)	yi girmā		
Have dâ Hear jī kôl Hide mwát Hoe nnmā Hold yyá Hunt fàrautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durkùsā kpòn Know sanì kpòn Laugh yī dẩriyầ laughs a lot' Learn kkyā laughs a lot' Leave ki k'r'm kí 'the man is going away Lick làsā tát Lied down kwàntā tát Listen saurārà tát Lose s.t. 6acē Make drum Make floor gim	Harvest		Gèr	
Hear jī kèl Hide mwát Hoe nnmā Hold yyá Hunt fàrautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durƙusā kpèn Know sanì kpèn Laugh yī dầriyầ laughs a lot' Learn kkyā k'r'm kí 'the man Leave kkyā k'r'm kí 'the man Lick lầsā tát Lie down kwàntā tát Listen saurārà tát Lose s.t. bacē fàn Make drum gim make drum	Hatch (egg)	ƙyanƙyàshē		
Hide nmmā Hold yyá Hunt fārautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durkùsā kpèn Know sanì kpèn Laugh yī dàriyà laughs a lot' Learn kkyā k'r'm kí 'the man is going away Lick làsā tát Lie down kwàntā tát Listen saurārà tát Lose s.t. bacē fān Make drum Make floor gim	Have	dà		
Hoe nnmā Hold yyá Hunt fārautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durkùsā kpèn Know sanì kpèn Laugh yī dằriyằ laughs a lot' Learn kkyā kì k'r'm kí 'the man is going away Lick làsā tát Listen saurārà Lose s.t. 6acē fân Make drum fân Make floor gim fân man is going away	Hear	jī	kàl	
Hold yyá Hunt fàrautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durRùsā kpèn Know sanì kpèn Laugh yī dằriyằ laughs a lot' Learn kkyā kì k'r'm kí 'the man is going away Leave làsā tát Lick Lick làsā Liedown tát Lose s.t. 6acē Make drum fân Make floor gim Make drum	Hide		mwát	
Hunt fàrautà bàr Jump yī tsallē rám Kill kashè tùk Kneel durƙùsā kpèn Know sanì kpèn Laugh yī dàriyà laughs a lot' Learn kkyā kì k'r 'm kí 'the man Leave kil k'r 'm kí 'the man is going away Lick làsā tát Listen saurārà tát Lose s.t. bacē Make drum fàn Make floor gim	Hoe	nnmā		
Jump yī tsallē rám Kill kashè tùk Kneel durkùsā kpèn Know sanì kpèn Laugh yī dàriyà laughs a lot' Learn kkyā kì k'r'm kí 'the man Leave kà k'r'm kí 'the man Lick làsā tát Listen saurārà tát Lose s.t. bacē fân Make drum gim	Hold		yyá	
Kill kashè tùk Kneel durƙùsā Know sanì kpèn trè nì tró yà mèn tì 'he Laugh yī dằriyằ laughs a lot' Learn kkyā Leare kì kr'm kí 'the man is going away Lick lầsā Lie down kwàntā tát Listen saurārà Lose s.t. 6acē Make drum Make floor	Hunt	fàrautà	bàr	
Kneel durkùsā Know sanì kpèn trè nì tré yà mèn tì 'he Laugh yī dàriyà laughs a lot' Learn kkyā Leave kì làsā Lick làsā Lie down kwàntā tát Listen saurārà Lose s.t. 6acē Make drum Make floor kpèn trè whi 'the man is going away tát fàn gim	Jump	· ·	rám	
KnowsanìkpènLaughyī dằriyằlaughs a lot'Learnkkyākì k'r'm kí 'the manLeavekà going awayLicklầsāsaurāràLiedownkwàntātátListensaurāràLose s.t.bacēMake drumfànMake floorgim	Kill		tùk	
Laugh yī dàriyà the laughs a lot' Learn kkyā kìr'm kí 'the man is going away Lick làsā Lie down kwàntā tát Listen saurārà Lose s.t. bacē Make drum Make floor franches in tráy màn tì 'he laughs a lot' kkyā kìr'm kí 'the man is going away tát tát fàn gim	Kneel	durƙùsā		
Laugh Learn kkyā kì k'r'm kí 'the man is going away Lick Lick lasā Lie down kwàntā tát Listen saurārà Lose s.t. 6acē Make drum Make floor laughs a lot' kith man is going away kith tát fân gim	Know	sanì	_	
LearnkkyāLeavekìk`r`m kí 'the man is going awayLicklāsātátLie downkwàntātátListensaurāràtatLose s.t.bacēfànMake drumfângim			trà	· ·
Leave Lick làsā Lie down kwàntā tát Listen saurārà Lose s.t. 6acē Make drum Make floor kì k'r'm kí 'the man is going away tát tát fán gim				laughs a lot'
Leaveis going awayLicklasaLie downkwantatatListensauraraLose s.t.6aceMake drumfanMake floorgim	Learn	kkyā		
LicklàsāLie downkwàntātátListensaurāràLose s.t.bacēMake drumfànMake floorgim			kì	
Lie down kwàntā tát Listen saurārà Lose s.t. 6acē Make drum fàn Make floor gim		,		is going away
Listen saurārà Lose s.t. 6acē Make drum fàn Make floor gim				
Lose s.t. 6acē Make drum fàn Make floor gim			tát	
Make drum Make floor gim				
Make floor gim		bacē		
<u> </u>				
Make knot gùm				
	Make knot		gùm	

Gloss	Hausa	Ywom
Marry	aurè	máŋ
Mix	harhàɗā	•
Mould (pot)	sīgàntā [?]	
Open	būdề	boŋ
Pierce/stab	càkā	•
Plait (hair)	kitsà	
Plant (crop etc.)	shūkà	
Play	yi wā̀sā	dîrì
Pound (in mortar)	dakà	
Pour (liquid)	zubà	kál
Pour out		kàlfóŋ
Press		gbàŋ
Pull	jā	gbát
Push	tūrà	
Put on (clothes)	sā	
Quarrel	fadà	
Receive	ƙàrbā	
Refuse	ķ ī	
'Remain'	ràgu	
Remember	tunà	
Resemble	yī kàmā	
Rest		ŋ`yé
Return	kōmà	
Ride (horse etc.)	hau [dōkt̄]	
Rise		loŋ
Roast on coals	gasà	
Rub	gōgà	
Run	gudù	tù?
Say/speak	cē	tòm
Scatter	bajè	
Scratch		Gè
See	ganī	ná
Seek	nnmā	
Sell	sayar dà	dîp
Send	àikā	ŋìrə́?
Set trap	yī tarko	
Sew	ɗinkà	dààn
Shake	girgìjē	
Sharpen	wāsà	
Shoot (arrow, gun)	hàrbā	
Show		ກາກ
Sing	rērà	. ,
Sit down	zaunà	túŋ
Slaughter (animal)	yankà	1)
Sleep	yī barcī	dù
Smash, break	fasà	tèn
Smell	sunsùnā	dù
Snap in two	karyà	,
Sneeze		wàs

Gloss	Hausa	Ywom	
Sow seeds	shūkà		
Spit	tōfà	fìyát	
Split	fàskárà	gʔlák	
Squeeze		míyàr	
		ďi	k`r`m ní dì 'one
Stand up	tāshì		man stands
Steal	sàtā	màr ^k	
Stir (soup)	dāmà		
Submerge		ɗu	
Suck (breast etc.)	tsstsā		
Surpass	fī		
Swallow	hàɗiyà		
Sweep	shārā	kúm	
Swell	kumbùrā		
Swim	yī iyò	yíl	
Гаке	ɗaukà	máŋ	
Геасһ		k`yé	
Γear (cloth etc.)	kēcè	•	
Γell	fàdā		
Γhink		ɗyák	
Γhrow	jēfà	kít	
Гіе	ɗaurà	kyáŋ	
Γouch	taɓà	J J	
Γwist (rope etc.)	murdà		
Untie	kuncè	taa	
Uproot (tuber)	túm6ùkē		
Vomit	yī amai	gbìyák	
Walk	yī tàfiyà	mán	
Want/need	sō	ďóm	
Wash s.t.	wankà	sál, wòŋ	
Wear	sâ, sânyā	, ,	
Weave	sāƙà		
Weed	yi nōmā ciyawa		
Weep	yi hawāyē	kwò	
Whistle	yi fītò		
Wipe	shafa		
Write, mark		бааt	
Work	yī aiki		
Yawn	hammà	ŋà pák	
[nī	g?èn	
You	kai/kē	U -	
Your		yìnú?	
He/she/it	shī/ita	kớ?, nù?	
we	mū	mớ?	
you pl.	kū	kù	
Гhey	sū	kó	
Γheir		áyì kò	
		w _j 1 110	
Who?	wā/ wānēnē	àwó	

Gloss	Hausa	Ywom	
What?	mề/mmnēnề	mì	
When?	yàushē	nù	
How?	yaya		
Why?		kòmí	
Where?	ìnā	nù	
Here		nàŋtú	
Before		bát	
Outside		fóŋ	
Guinea-yam[32]	doya		
Aerial yam[33]	doyan bisa, tuwon biri		
Water-yam[35]	sakata		
Bush yam		vram	
Taro (Old cocoyam)[36]	gwaza	gban	
New cocoyam[37]*	mankani		
Cassava*[38]	rogo		
Sweet potato*[39]	ɗankali		
Wild yam I	doyan daji		
Rizga[41]	rizga		
Sorghum[42]	dawa	ywŏl	
Bulrush millet[44]	gero	mór	
Bulrush millet	maiwa		
Fonio (H. <i>acca</i>)[46]	acca		
Iburu (H. <i>iburu</i>)[47]	iburu		
Maize*[48]	masara		
Rice*[49]	shinƙafa		
Cowpea[50]	wake	rớm	
Spiral cowpea	kanannado		
Bambara groundnut[52]	gurjiya, kwaruru	kír	
Groundnut (Peanut)[54]	gyaɗa	kírkwà	
Tiger-nut[55]	aya		
Garden egg[56]	gautā		
Okra[57]	kubewa		
Chili pepper* (large)[58]	barkono		
Birdseye chili*[59]	ata lugu		
Onion (Allium cepa)	albasa		
Garlic[60]	tafarnuwa		
Melon (other)[63]	gúnà		
Edible squash[64]	kabewa		
Sorrel/roselle[65]	yakuwa	6ám?wàr	
Jews' mallow[66]	lalo		
Kenaf[67]	rama		
Sesame seeds[68]	ridi		
Sesame leaves[70]	karkashi		
Bitterleaf[71]	shuwaka		
Waterleaf*[72]	alefu		
Banana (Musa AAA)	ayaba		
Orange*[73]	lemu		
Pawpaw*[76]	gwanda		

Gloss	Hau	sa	Ywom
Gourd (Generic)	kwarya		
Gourd-bottle[77]	ludayi		
Gourd (spherical)[78]	duma		
Other gourds			
Cotton	auduga		
Tobacco*	tābà		
Sugar-cane*	reke		
Loofah[79]	SOSO		
Cola	goro		
Oil-palm[80]	kwáákwà		
Raphia/ bamboo palm[81]	túkúrwáá		
Fan-palm[82]	gígínyà		
Monkey-guava[83]	kanya		
Custard apple[85]	gwandan daji		
Wild date-palm[86]	kajinjira		
Baobab[87]	kuka		
Silk-cotton tree[88]	rimi		
Shea tree[89]	kade		
Locust tree[90]	doroowa		ſep tùúm
Locust-bean cakes	daddawa		bây
Tamarind[91]	tsamiya		
Sodom apple[92]	tunfafiya		
Terminalia sp.[93]	báushè		
Black plum[94]	ɗinyáá		
Afzelia africana	kààwóó		
Mahogany ¹	máďaacíí		
Daniellia oliveri	máájè		
Ficus polita	dúrùmíí		
Drum I	gàngā		
Drum II	kalangu		
Drum III			
Flute	suriya		
Zither	molo na kara		
Lute	molo, gurmi, karaya		
Transverse horn	kaho		
Clarinet	tillibo		
Iron gong	kuge		
Gourd-rattle	cakì, kacaukacau		
Ankle rattles			

References

Jungraithmayr, Hermann 1964. Materialien zur Kenntnis des Chip, Montol, Gerka und Burrum (Südplateau, Nordnigerien). *Afrika und Übersee*, XLVIII(3): 161-181.

Jungraithmayr, H. and Dymitr Ibriszimow 1995. Chadic lexical roots. [2 vols.] Berlin: Reimer.

Ywom Project. 2011. Reading and writing Ywom. Jos: Sele Publishing House.

_

¹ Khaya senegalensis