# The Idu language of

# **Central Nigeria**

# Phonology, wordlist and suggestions for orthography changes



#### [DRAFT CIRCULATED FOR COMMENT]

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This version: July 30, 2010

## R.M. Blench Idű Wordlist Circulated for comment

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#### 1. Introduction

This is a phonology and grammar sketch of the Idũ language, spoken in Ramindop B village in Kaduna State, Nigeria. An annotated wordlist, is included as an appendix. The wordlist was collected by Roger Blench and Barau Kato from Wayo Bai in Ramindop on the 30th of January 2008 and in Jos 20-21<sup>st</sup> March 2008, at a meeting facilitated by Mark Gaddis. In Jos, the collaborators were; Wayo Bin Philip, Kish Hai Bai, Wayo Bai. An additional meeting to revise the orthography and collect additional evidence for the phonological sketch was held in Jos on March 22<sup>nd</sup>, 2010, Roger Blench, Wayo Bai and Pastor Joshua Praise Henry.

#### 2. Location, history and sociolinguistic situation

#### 2.1 Nomenclature

The Idũ language was known in the older literature as Lungu, and in more material as Duhnya and similar formulations. The name of the language is Idū, one person is Udū and the people are Adū.

#### 2.2 Location and settlements

The main villages of the Adun are as follows;

#### Idũ names

Ùndofà	Udou	Táymề	Adar	Igbà
Mèmdər	Hùrtồ	Àgbàŋànɔr	Ùmbùmbàŋ	
Jàja	Ndam	Kùkaŋ	Ùkare	
Ùnwĩĩ	Igbayinər	Ìdèzìnì	Ugere	

Hausa names [not tone-marked]

Shinkafa Yèlwa Jabe Panda Gunduma

#### 2.3 Language status

The language appears to widely spoken by all ages. Hausa is the main second language. A literacy and translation project has been under way since 2004.

#### 3. Phonology

#### 3.1 Vowels

#### 3.1.1 Vowel inventory

Idũ probably has nine phonemic vowels;

	Front	Central	-	Back	
Close High	i				u
Close high-mid	I			Ω	
Close-Mid	e			0	
Open-Mid	ε		Э		
Open		a			

These are arranged in  $\pm$ ATR vowel harmony sets. However, the high-mid vowels /ı/ and /ʊ/ are disappearing and are heard most clearly in older speakers. Younger and more urbanised speakers have effectively switched to a seven-vowel system. Vowel harmony no longer appears to operate; both +ATR and -ATR forms of vowels can appear in the same word.

Chest ìkò Navel ìko

Idũ has seven nasalised vowels as follows;

	Front	Central	Back
Close	ĩ		ũ
Close-Mid	ẽ		õ
Open-Mid	$\tilde{\epsilon}$		<b>5</b>
Open		ã	

No examples of  $\tilde{l}$  or  $\tilde{l}$  have yet been recorded.

Idũ permits final -n and final -n in the syllable. The preceding vowel(s) are then heard phonetically nasalised, but there does not seem to be a contrast between  $C\tilde{V}N$  and CVN.

#### 3.1.2 Nasal spreading

Idũ exhibits nasal spreading; nasalisation in the root spreads leftwards may lead to all vowels becoming phonetically nasalised. This sometimes spreads to the prefix and is sometimes realised as a homorganic nasal following the prefix.

àzhầi̇̀	Liver
ìrầrã	Disease (generic)
ìzếrĩ	Stream
t̃erã	Dry in sun
ùgầrầ	Slave
ùpfũwã	Hill

The rules governing nasal spreading are not well understood, but it is likely that the nasalisation of vowels left of the final vowel are not phonemic but phonetic nasals.

Examples where a nasalised stem has led to nasal insertion between a u- prefix and the initial consonant of the stem.

Hole in ground	ùndầwầ
Crab	ùnkãrĩ
Praying mantis	ùndórầ

#### 3.1.3 Long vowels

Idũ has long vowels as follows;

	Front	Central	Back
Close	ii		uu
Close-Mid	ee		00
Open-Mid	33		၁၁
Open		aa	

#### Contrasts

The following examples show contrast in vowel length;

a ~ aa

Please! **má**Finish (a task) **maa** 

He/she/it **ŋâ**Who? **ŋaa** 

e ~ ee

Egg **udzee**Go out/exit **dze** 

 $\varepsilon \sim \varepsilon \varepsilon$ 

Water àmmὲ Cloud ammε

 $i \sim ii$ 

At ní Dew níí

 $o \sim oo$ 

hand **ubo**<sup>[k]</sup>
Mosquito **ìboo** 

 $\mathfrak{I}\sim\mathfrak{I}$ 

Ashes àtá
Fill too

u ~ uu

Lie down nù
Be on nú
And nuu

No examples of /II/ or /vv/ have yet been recorded, which may simply be a consequence of their scarcity in the lexicon. Sequences of two similar vowels often have different tones, leading to phonetic glides. This strongly suggests that their origin lies in the deletion of an intervocalic consonant and subsequent vowel assimilation.

Long nasalised vowels only occur in final position.

Stand dễẽ
Grass (generic) bối
Burn (fire burns) kpối
Cough gổổ
to harm fốuố

Long nasalised vowels are quite rare, so evidence for contrast with short vowels is not always present. However, the following contrasts have been noted.

Dawn gồi Cough gồi

Climb **fű** to harm **fűű** 

#### 3.1.4 Vowel + approximant sequences

Idũ has sequences of V+w and V+y, in contrast with diphthongs such as Vu and Vi. Sequences so far recorded are;

#### V+w sequences

Soup/stew dzaw clay seat inside house bèw to fan fèw Tie bow Fight (in war) fuw

#### V+y sequences

Buffalo iyày
Oil Fat/grease atséy
Bee iwoy

#### 3.1.5 Diphthongs

Id $\tilde{u}$  has a rich array of diphthongs, with and without nasalisation. Unusually, these are in contrast with sequences of V + semivowel.

The following pairs indicate contrast between V + y sequences and Vi;

ay ~ ai

liver àzhài
to move about zhǎy

daughter **ùnài** life **nay** 

to put in the mouth, grab ant (generic) kpai kpai ùkpùkpay

 $ey \sim ei \,$ 

?

to ridicule yei buffalo ìyày

to deny tsèi oil fat/grease atséy

oy ~ oi

breath **uwoi** bee **ìwoy** 

small hoe **ukoi** millipede **ùkùkòy** 

rainy season idòi sowing idòy

The following pairs indicate contrast between V + w sequences and Vu;

aw ~ au

describes heavy rainfall dzàù soup/stew dzaw

arrow ii **ìkpàw** quiver **uhwaw** 

ew ~ eu

clay seat inside house grasscutter<sup>1</sup> bèù

 $\epsilon w \sim \epsilon u$ 

to fan **fèw** thief **uveu** 

clear soil from crops village/settlement uteu

ow ~ 00

**ìboo** Mosquito**bow** Tie

ow ~ ou

to massage shòw Beak ushou

uw ~ uu

foam **fuu** fight (in war) **fuw** 

#### 3.2 Consonants

Idũ consonants are as follows:

<sup>1</sup> (Thryonomys Swinderianus)

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	Bilabial	Labio- dental	Alve- olar	Post- alveolar	Retro- flex	Palatal	Velar	Labial- velar	Glot- tal
Plosive Nasal Tap Trill Fricative Affricate Approximant Lateral Approximant	p b m	f v	t d n r s z ts dz	J 3	τ	c j	k g n	kp gb w ų	h

#### Status of [1]

[l] only appears in recent loanwords, principally from Hausa. These may or may not be phonologised, according to the speaker. Thus;

#### Status of [r]

Apart from [r], Idu has a retroflex [r], occurring in the following words;

Tongue	игет	to fetch	ιèpá
Neck	ແ $\mathfrak{p}^{[k]}$	to paste onto	ęέré
Castrated goat	ìŗàm	to slap s.o.	ráré řŝì
Dream	cy[i]yág	to pick out	îćŋ
Lick	naj	to ask	rùsà
Say/speak	ęęęе́	to trick, deceive	májìj
to shine	γàŋ	thread	լսսլս
to drop	ŗòŋ		

The retroflex /r/ is commonly written 'rh' in Nigerian orthographic practice.

#### [r] and [r]

The flap and trilled 'r' are in complementary distribution.  $[\tilde{r}]$  occurs at the end of words and as the intermediate consonant of the root, while [r] occurs in root-initial position.

Louse (Human)		ìro
Bush		arûm
Be bent Be heavy		

In principle, 'r' could be used for both phones, and speakers would automatically supply the correct allophone. However, since the sounds are quite distinct and orthographic practice has developed of writing the rolled 'r' with a double 'rr', this convention could also be retained without problems.

/x/

The velar fricative was not envisaged in existing orthographies, but is clearly present. The following are examples of its occurrence.

xàpá near

xepá to fetch plenty of s.t.

xềwấ to turn a group of s.t. around

xèwá to whisper

It also has a labialised counterpart;

xwépá to hiccough

xwòpá to raise up a baby on the back

xwéke to feed a baby

'kh' has been suggested as an appropriate orthographic convention for this sound, which would be in line with Nigerian orthographic practice.

#### **Doubled consonants**

Deletion of vowels at morpheme boundaries has resulted in doubled consonants. Examples are as follows;

shoe àbàddà
scorpion ìnnà
stomach ànna
hooded vulture² ùngbéppè
flying-ant ngbapputo
black kite ipippere

One contrastive pair has been noted;

scorpion innà bush fruit inà

#### Unreleased k

Idũ has an unreleased /k/ that occurs in final position almost entirely with body parts;

arm, hand  $\mathbf{ubo}^{[k]}$  leg  $\mathbf{uda}^{[k]}$  chest  $\mathbf{ik}\hat{\mathbf{j}}^{[k]}$  stony area  $\mathbf{uk}\hat{\mathbf{j}}^{[k]}$  neck  $\mathbf{ur}\mathbf{j}^{[k]}$ 

Since the [k] is realised in some sentence contexts, and speakers 'hear' it, it makes sense to write it, even in isolation.

#### Labiodentalisation

Idũ has the affricate /bv/ but it also permits labiodentalisation, a -v- modifying root-initial consonants.

Dog ìjvwí Meat ìjvwɛ

#### Labialised consonants

Labialised consonants are rare and the only examples recorded are shown in Table 1.

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<sup>&</sup>lt;sup>2</sup> (Neophron monachus)

Table 1. Idű labialised consonants

Table 1. Ida lablansed consonants		
Idũ	Gloss	
Mouth	aŋwi	
Money	hwe	
Snake (Generic)	ìbvwì	
Agama lizard	ìgywir	
Hoe type	ìhwun	
Meat	ìjvwε	
Dog	ìjvwí	
Nose	iŋwu	
War	ìywà	
Pied crow <sup>3</sup>	ùghwánà	
to hiccough	xwépá	
Fast rat?	ùhwźrŧ	
Handle (of tool)	ùhwo	
Transition (Or 1001)	unwo	

#### **Palatalised consonants**

Palatalised consonants are at best marginal phonemes in Idũ and seem to only occur in abstract nouns. Table 2 shows the palatalised consonants so far recorded;

Table 2. Idű palatalised consonants

Idũ	Gloss
Strength	ik <sup>y</sup> ır
Sweat	ìzyù
Smell	nuwyí
Fear	wyey

It is notable that these all occur in abstract nouns. Perhaps this points to a former noun-class marker or other vanished morpheme.

#### Labial-palatal

This sound is highly characteristic of Plateau languages, is rare in Idū but does not seem to be a loan-phoneme. It has been recorded in;

kanyey spiral cowpea iųε insect found in cowdung iųε̃γĩ ankle

#### **Prenasalised consonants**

Idũ permits contrastive homorganic nasals preceding consonants, although they are not common in the language. These are realised as m- before bilabials,  $\eta$ - before velars and n- before all others. Thus;

granary	gbùmgbàn
masquerade	kờmpfu
lie hunting poison	gbéràŋwĩ ùgùŋgúmà
clay harmattan	bindem ndzèr

In principle, all of these could be written 'n' or each one could be written as it sounds. Nigerian orthographic practice usually writes 'm', 'n' and 'ng' for ' $\eta$ '.

<sup>&</sup>lt;sup>3</sup> (Corvus albus)

#### 3.3 Tones

Idũ has three level tones, and glide tones that arise from sequences of level tones. The basic conventions are as follows;

High	,
Mid	Unmarked
Low	•
Rising	~
Falling	^

Some examples of tonal contrast are given below establishing the three tone heights.

be on **nú** smell **ìnu** chicken **ìnù** 

urine amè ghwìrì
stir on fire ghwìri
soup type ughwirí

Words that contain all three tone-heights

yesterday àréke masquerade i shrew indzúsikpi sandfly ùzúribi

Contrast with the falling tone is established as follows;

go zìŋ basket uziŋ darkness zîŋ

Phonetic glides often occur as a result of different tones on sequences of like vowels. However, some appear to be underlying as they occur on single vowels. Falling tones are common and play a role in the system of nominal plurals (§5.) but rising tones are very rare.

The example shows a typical pattern of Idũ plurals, where low tones in a singular (usually) become High-Falling in the plural.

vine (generic)	kàr	íkâr
mushroom	ìsù	ìsû
star(s)	ìdzèr	ídzêr
mountain	ìgữ	ígẫ

Low tones also occur on stems without a link to pluralisation.

bush	arûm	-
husband	utsákâ	atsákâ
intestines	karâbi	-
gecko	ùshàrándêm	àshàrándêm

Rising tone

Rising tone is rare but has been recorded in the following words.

axe	àŋgǎy
compounds	ayă
masquerade	yăgàtà
to move about	zhǎy
porcupine	ìyĭk

#### 4. Orthography

This section makes suggestions and recommendations for improvements to the orthography. Some are the symbolisation of 'new' phonemes', others concern making distinctions not previously made. Some are simply changes in convention that could be decided via the orthography committee, others must be tested with readers.

#### **Additional vowels**

Although the high-mid vowels /I/ and / $\overline{\upsilon}$ / can be clearly heard in some words pronounced by older speakers, they are disappearing and are often not realised in the speech of urban or younger speakers. Few significant meaning distinctions appear to be made, and it is probable that the orthography can continue to use seven vowels. If later experience does suggest that these vowels have to be marked, then the typical Nigerian conventions of ' $\underline{\upsilon}$ ' and ' $\underline{i}$ ' could be adopted.

#### Representing the existing vowels

The practice of representing vowels with underlines;

 $\epsilon$  as  $\underline{e}$  as  $\underline{o}$ 

and so on, derives from the days when there were no computers and this was a convention easily available on a typewriter. However, it has the disadvantage that the underlines are easily left off or forgotten. The use of IPA-like symbols (as, for example the nasalisation adopted for Id $\tilde{u}$ ) would avoid this problem. With computers used to prepare all documents, it is now easier and more practical to use ' $\epsilon$ ' and ' $\mathfrak{d}$ '. However, there is nothing wrong with underlined letters in terms of the sounds of the language, if that is what the community decides.

#### [r]

It is strongly recommended that the retroflex [t] be considered a significant sound and written consistently. Nigerian orthographic practice usually uses 'rh' for this sound.

#### [r] and [r]

As noted above, these are in complementary distribution and could both be written 'r'. However, there would be no problem in retaining the orthographic convention 'r' and 'rr'.

#### [3]

For some reason, a convention of writing 'zy' for [3] was adopted, even though 'sh' is written for [ʃ]. However, Idũ has a rare genuine [zy], as in;

Sweat ìzyù

which is distinct from [3]. It is strongly recommended that 'zh' be adopted for [3].

# Roger Blench: Idű Wordlist Final semi-vowels and diphthongs

Probably the single greatest problem for the Idũ orthography will be distinguishing between final semi-vowels and true diphthongs (§3.1.4 & §3.1.5). The Hausa convention of writing syllable-final semi-vowels 'w' and 'y' is misleading in phonological terms, but works for Hausa because there is no contrast with diphthongs. In principle, a reader of Idũ has to distinguish the following possibilities for back vowels;

consonant + u consonant + uu consonant + uw consonant + wu

Although probably these do not all occur together. One typical example is;

fuu foamfuw fight (in war)alsofű climb

or;

shòw to massage ushou beak

To develop orthographic practice, it is essential to collect more minimal pairs of this type and see how easy it is to get writers and readers to distinguish them. However, the argument for distinguishing them in the writing system is very strong.

#### **Nasal spreading**

Nasal spreading means that the nasalised vowels in the middle of words are not underlyingly nasal and it is possible that the nasalisation marks could be omitted, as long as the nasalisation on the final vowel is marked. Thus;

Crab ùnkãrĩ might be written ùkarĩ ùgằrằ slave might be written ùgarằ

<u>This cannot be decided in advance</u>. It must be tested with readers, to see if a single nasalisation mark will help them read the word correctly.

#### **Tones**

and;

Tone plays a crucial role in Idũ and it is difficult to see how an effective orthography could ignore this. Numerous plurals are made only by tone. The role of grammatical tone is yet to be explored, but it is unlikely to be minor. At this point, some exploration of strategies for marking noun plurals should be undertaken with the literacy committee and new readers. For example, tonal plurals are always higher than singulars, so a single high tone could be marked. This would work as follows;

	IPA		Possible ortho	graphy
Gloss	sg.	pl.	sg.	pl.
Nile crocodile	ìvàr	ivár	ivar	ivár
Cow	ìnà	iná	ina	iná
Navel	ìko	iko	iko	ikó

However, the possible confusion with grammatical tone is still to be understood.

#### Distinguishing homophones and homograms

Another problem that may be resolved by partial tone-marking is distinguishing homophones. If the following set of words were written without tones, they would all appear identical on the page, i.e. they would be homograms. In such cases, it may be necessary to mark the tones on all occurrences.

Chest ìkò<sup>[k]</sup> íkô Cock ìkò ikô Baboon ìkɔ íkó

To illustrate the importance of correct transcription and careful orthography, if we add the following set of words, it the potential for confusion becomes much greater still;

Navel ìko iko Bush-fowl ìków ikow Knife ikon àkon

#### 5. Morphology

#### 5.1 Nouns

#### 5.1.1 General

Idũ must originally have had a system of nominal plurals based on affix alternation, but this has almost entirely broken down, its only remnants being i- and u- prefixes in the singular and a- prefixes in the plural. For many words, the singular prefixes have been deleted in citation forms and only appear in sentence contexts. The disappearance of the prefixes appears to have resulted in a complex morphotonology; tone changes between singular and plural of nouns are highly unpredictable with only fragmentary patterns occurring. In addition, many nouns that might naturally have plurals, such as household objects, seem to have lost them.

#### 5.1.2 Morphologically marked plurals

Idũ has a very restricted range of vowel prefixes marking nouns. These are probably remnants of a more complex nominal class system that has collapsed. There are some fossilised traces of nasal prefixes, which are no longer functional. Many nouns now have no prefix. The citation forms of nouns are often given without prefixes and the correct prefix can only be elicited in a frame or by forming singular plural pairs. It seems likely that Idũ is on the way to losing all its prefixes, as in some neighbouring languages, such as Mada.

#### Singular prefixes

ì, u

#### Plural prefixes

a, ì, í, u

Nouns apparent singular a- prefixes are those with no morphologically marked plural. The vast majority of prefix alternations in Idũ are u/a (Table 3);

Table 3. u/a plural alternations in Idũ

Gloss	sg.	pl.
Tree	ucící	àcící
Leaf	ùyèré	àyèré
Stone	utar	atar
Moon/month	ùfề	àfἒ
Room	ubã	abã
Husband	utsákâ	atsákâ
Song	ubom	abom
Horn	uts <del>o</del> m	atsvm

Two nouns concerned with persons show an unusual form of u/a alternation;

Man	kútsá	kátsá
Woman	kútsér	kátsér

Table 4 shows the much rarer i/a alternation;

Table 4. i/a plural alternations in Idũ

Gloss	sg.	pl.
Compound	iya	ayǎ
Name	itso	atso
Ant-hill	ítsíye	àtsíye
Head	ìtsi	àtsi

Table 5 shows some examples of rare u/i plural alternations;

Table 5. u/i plural alternations in Idũ

Gloss	sg.	pl.
Village	uteu	ìtèù
Corpse	ukom	ìkòm
Word	uŗem	ìŗèm
Wound	usoo	ććaí
Neck	$ur\mathfrak{o}^{[k]}$	έŢί

#### **5.1.3 Tonally marked plurals**

Numerous noun plurals are marked only by tone. These patterns are highly various, but some common patterns emerge. One of the most salient is Low  $\rightarrow$  High falling;

Vine (generic)	kàr	íkâr
Mushroom	ìsù	ìsû
Star(s)	ìdzèr	ídzêr
Mountain	ìgữ	ígữ

A second pattern is in three-syllable words where the second syllable, i.e. the first syllable of the stem, is raised from Low to High.

Thorn	ídìdò	ídídò
Disease (generic)	ìrầrã	ìrấrã
Thigh	ìjèŋdà	íjéŋdà
Ram	ìtsùrì	ítsúrì
Horse	ìnyàwầ	ínyáwầ
Mole-cricket	ìdìyà	ìdíyà
Grasscutter	ìbèù	íbéù

A third pattern is for the Low tone of the prefix to be raised to High;

Flat rock	ìpfà	ípfá
Patas monkey	ìsem	ísém
Rat (generic)	ìkpi	íkpí
Vein	ìcím	ícím
Baboon	ckí	íká
Sore, scab	ìnờr	ínʊr
Cow	ìnà	iná
Nile crocodile	ìvàr	ivár

It will be seen that there is a strong, but not perfect correlation with animals or other natural world phenomena. It is possible that the i- prefix originally represented a noun-class with semantic relevance.

#### **5.2 Pronouns**

Idũ is relatively rare in that subject and object pronouns are the same. They are marked for tense/aspect, as is common in Plateau languages. The table shows the pronouns for the completive and progressive aspect.

I	múm
You	ŋɔ
He/she/it	ŋâ
we	mên
you pl.	mbî
They	mbo

múm	nd̃	kwer	jvwi
I		beat	dog

all the same through the paradigm

For the future, uncompleted aspect, the singular pronouns change, but the plurals remain the same as for the completive aspect.

I mi...tun
You ŋwu...ro
He/she/it ŋai...ra
We mên... mên
You pl. mbî ay... mbî
They mbɔ ay... mbɔ

Thus;

mi kwer tun jvwi I will beat the dog nwu kwer ro jvwi etc.
nai kwer ra jvwi men kwer men jvwi mbî ay kwer mbî jvwi mbo ay kwer mbo ay jvwi

The completed past has a very similar paradigm to the future, except that kV is inserted between the initial pronoun and the verb;

múm ki kwer tun jvwi
ŋɔ ku kwer rɔ jvwi
ya ka kwer ra jvwi
mɛn ki kwer mɛn jvwi
mbɔ ka kwer mbɔ jvwi
You have beaten the dog
We have beaten the dog
You have beaten the dog
You have beaten the dog
You have beaten the dog
They have beaten the dog

#### 5.3 Verbs

#### **5.4 Adjectives**

Adjectives and numerals follow the noun, but otherwise show no agreement in number, prefix or tone. Adjectives appear to take a ki- prefix.

ijvwí kifīrā black dog ijvwí kitera white dog ijvwí kibãrã red dog

ìjvwí nyin one dogìjvwí vàà two dogs

### 6. Idű wordlist

No.	Gloss	Singular	Plural	Notes
1.	Tree (generic)	ucící	àcící	cf. Tinor <b>ìti</b> ,
2.	Leaf	ùyèré	àyèré	cf. Tinor <b>guyi</b> ,
3.	Root	ùnúná	ànúná	cf. Tinor guna,
4.	Branch	ubó cící	abó cící	
<b>5.</b>	Bark (of tree)	ùbvùbvu	àbvùbvu	
6.	Thorn	ídìdò	ídídò	cf. Tinor gìdìdòk, Nyankpa èdòk,
7.	Grass (generic)	bîî		cf. Nyankpa <b>obe</b> , Ashe ùbèhè,
8.	Vine (generic)	kàr	íkâr	
9.	Mushroom	ìsù	ìsû	cf. Nyankpa èsùsùk, Nunku jǔ,
10.	Algae	ìbvùwấ	-	
11.	Stone, cereal seed	∫aar	i∫áár	
12.	Charcoal	zuù	•	cf. Nyankpa śngòngò,
13.	Dust	zúrú	-	J 1 0 0 3
14.	Ashes	àtá	-	cf. Nyankpa àtək, Tinor bətək, Niger-Congo
				#ntoN
15.	Rubbish-heap	bita	-	
16.	Mud	ùhề	-	
<b>17.</b>	Clay	bindem	àbindem	
18.	Dew	níí	-	cf. Tinor <b>unwi</b> ,
19.	Stone	utar	atar	cf. Tinor gùtà, Nyankpa èta, Niger-Congo #-
				ta
20.	Flat rock	ìpfà	ípfá	
21.	Sand	zuzew	-	
22.	Smoke	àzòò	-	cf. Tinər gàzù, Hyam jòŋ, Eggon odzo
23.	Fire	ura	-	
24.	Water	àmè	-	cf. Nyankpa àmè, Eggon ami, Ake imbi,
				Akpa ìmèny,
25.	Rain	ìnai	-	cf. Nyankpa èney, Ashe ì-nây,
26.	Cloud	amme	-	
27.	Lightning	nyàka		
28.	Thunder	gbasha		
29.	Rainy Season	ìdòì	-	cf. Nyankpa èdò,
30.	Break in rains	kóì		
31.	Dry season	ìnoi		cf. Nyankpa ènwi, Ashe ì-nôy,
32.	Harmattan	ndzèr		
33.	Year	mέk	ìmék	cf. Nyankpa <b>èmè</b> ,
34.	Today	ìrérè		cf. Nyankpa <b>élé</b> , Hyam <b>re</b> ,
<b>35.</b>	Yesterday	àréke		
<b>36.</b>	Tomorrow	dầ		cf. Nyankpa <b>èdà</b> , Ashe <b>ìdà</b> ,
37.	Morning	kpéèkâ		
38.	Evening	réèkâ		
39.	Afternoon	àténuma		
40.	Dawn	gõ		
41.	Day	numâ		cf. widespread Plateau #—nom forms.
42.	Night	tsúùkâ	, m	
43.	Moon/month	ùfề	àfÈ	
44.	Sun	shàánùm	. 1 ^	
45.	Star(s)	ìdzèr	ídzêr	
46.	Wind	ugba		cf. Nyankpa <b>ɔgbak</b> ,
47.	God	nûm c- c*		of New along of the
48.	Sky	fafấ		cf. Nyankpa <b>afaŋ</b> ,

No.	r Blench: Idũ Wordli   Gloss	Singular	Plural	Notes
49.	World	pfů	-	
50.	Ground	àbĩ		cf. Nyankpa <b>àbe</b> ,
51.	Large River	zĚ	àzἒ	cf. Nyankpa <b>ájè</b> ,
52.	Stream	ìzếrĩ	ízếrĩ	or. Tryampa oje,
53.	Lake, pond	dèpfripfu	ídépfripfu	
54.	Forest	akoi	140711714	
55.	Mountain	ìgữ	íg <sub>ນີ້</sub>	cf. Nyankpa ègò,
56.	Hill	ùpfũwã	àpfũwã	vi. 11) umipu ego,
57.	Bush	arûm	- upiaa	cf. Nyankpa àlùm 'farm',
58.	Farm	usi	asi	
<b>59.</b>	Market*	izee	-	
60.	Compound	iya	ayă	
61.	Room	ubã	abã	
62.	Wall (of room)	bándzin	-	
63.	Thatch roof	àkàŋ		cf. Nyankpa <b>ìnkàŋ</b> ,
64.	Granary	gbùmgbàn	àgbùmgbàn	у ··
65.	Road, path	utsíndì	atsíndì	
66.	Village/settlement	uteu	ìtèù	
67.	River-bank	báŋázḕ	_	cf. Nyankpa <b>èbàŋ</b> ,
68.	Swamp/wetland	ìdən	•	cf. Nyankpa <b>èdən</b> ,
69.	Place	ìnàŋ	anaŋ	
70.	Person/people	únérâ	ánérâ	
71.	Human being	únér gwàr	ánér gwàr	
72.	Man	kútsá	kátsá	
73.	Woman	kútsér	kátsér	
74.	Child	uwákuci	awakaci	
<i>7</i> 5.	Husband	utsákâ	atsákâ	
<b>76.</b>	Wife	utser	atser	
77.	Widow	útsérà pfu	átsérà pfu	
<b>78.</b>	Young man	uwédzèm	awédzèm	
<b>79.</b>	Young girl	unádzèm	anádzèm	
80.	Old man	tsàtsaikũ	àtsàtsaikũ	
81.	Old woman	yà tsɛrkũ	áyà tsɛrkũ	
<b>82.</b>	Father	ùte	àte	
83.	Mother	ùya	ayi	
84.	Barren woman	ukpîr	akpîr	
<b>85.</b>	Relations	ùnaŋ	ànaŋ	
86.	Son	uŋwɛ	aŋwé	
<b>87.</b>	Daughter	ùnàì	ànàí	
88.	Brother	uŋwɛmɛ	aŋwéme	
<b>89.</b>	Sister	unápmε	anápme	
90.	Friend	ùwere	àwere	
91.	Guest/stranger	utsen	atsen	
92.	King/chief/ruler	uyere	ayere	
93.	Hunter	ughaw	aghaw	cf. Nyankpa odghap,
94.	Thief	uveu	aveu	cf. Nyankpa <b>ονεp</b> ,
95.	Doctor	nérá gòw	abí á gòw	
96.	Witch	ùdzìm	àdzìm	cf. Nyankpa <b>śjìm</b> ,
<b>97.</b>	Corpse	ukom	ìkòm	?
98.	Blacksmith	nér nàì	abí nàì	
<b>99.</b>	Slave	ùgầrầ	agấrầ	cf. Nyankpa <b>ògàrà</b> ,
100.	Masquerade	upfu	apfu	cf. Nyankpa ofu,
	general	_	_	
101.	Masquerade I	ngbáshipfù		

	r Blench: Idŭ Word   Gloss		Plural	Notes
No. 102.		Singular pfú á koy dou	1 Iui ai	Hotes
102.	Masquerade II			predicts the future
103. 104.	Masquerade III	yăgàtà		predicts the future last one
104. 105.	Masquerade IV Masquerade V	màátàpfu		bullroarer
105. 106.	•	kờmpfu pfútore		bullioarei
100.	Masquerade VII	jákò		block dengarous 'nolice' of Nyonkno
107.	Masquerade VII	Jako		black, dangerous, 'police'. cf. Nyankpa
108.	Masquerade VIII	nángárá		jakù, wife of jako
100.	Masquerade IX	náŋgárà tɛrúpfu		second wife of jako
110.	Masquerade X	naŋgbazhì		large, covered with leaves
111.	Wandering	zhooma		large, covered with leaves
111.	Death	akpe		cf. Nyankpa <b>akpo</b> ,
113.	Name	itso	atso	ci. Nyankpa akpo,
114.	Grave	udza	adza	
115.	Song	ubom		cf. Nyankpa <b>ɔbɔm</b> ,
116.	Proverb	agben	àgben	* *
117.	Story	ùtsùtson	àtsùtson	•
118.	Word	urem	ìrèm	
119.	Lie	gbéràŋwĩ	ìgbèráŋwì	
120.	News	ìsàrè	igoerarjwi	
121.	Hunger	ìmèr	_	
122.	Horn	utsom	atszsm	cf. Nyankpa <b>əntəm</b> ,
123.	Tail	usĩ		cf. Nyankpa ofi,
124.	Egg	udzee		cf. Nyankpa oje, Ewe àzì, Nupe ezhì, Igede
,	288		wa_00	èjì, Ukum àtsì, CB# -gí
125.	Wing	ufe	afe	cf. 'armpit' cf. Nyankpa <b>5fèt</b> ,
126.	Beak	ushow		cf. Nyankpa <b>osuk</b> ,
127.	Nest	ìshíyà nùnù	àshíyà nùnù	on ry ampa osam,
128.	Feather	ìsàr	•	cf. Nyankpa <b>unsát</b> ,
129.	Gum/glue	àdam		cf. Tinor <b>bòdəm</b> , Nyankpa <b>àdəm</b> ,
130.	Ant-hill	ítsíye	àtsíve	cf. Tinor wùcìyì,
131.	Hole in ground	ùndầwầ	àndawa	• /
132.	Hole in tree	ushon	ashon	
133.	Smell	ìnu	-	
134.	Poison	ùmàw	àmàw	
135.	Hunting poison	ùgùŋgúmà	àŋgùŋgúmà	
136.	Load	ubin	abin	
137.	Bundle	utsấ	atsấ	
138.	Firewood	kű	-	cf. Tinor ya-kũ,
139.	Stick	ìgbòŋ	ígbôŋ	
140.	Yam-heap	ùmpfũwã	àmpfũwã	cf. Nyankpa <b>ɔ̀mpú</b> ,
141.	War	ìywà	iywâ	cf. Nyankpa èwà,
142.	Work	ìtsèr	itsêr	cf. Nyankpa ìtí,
143.	Diviner	nêr çi	àbî ṛi	
144.	Medicine	àgòw	àŋgòw	cf. Tinor <b>u-gop</b> ,
145.	Money	hwe	-	
146.	Iron	ìmàŋ	ímâŋ	sg. means 'ring' pl. means 'money'
147.	Shadow	úzír[i]zì̈	ázír[i]zì	
148.	Thing	ubin	abin	
149.	Strength	ik <sup>y</sup> ır	-	
150.	Length	ìdìṛ	-	
151.	Land/country	àbì		
152.	Sleep	ùro		
153.	Disease (generic)	ìrầrã	ìrấrã	

	r Blench: Idũ Word		D1 1	••
No.	Gloss	Singular	Plural	Notes
154.	Smallpox	kpàtsù	-	
155.	Diarrhoea	nyìṛã	-	
156.	Goitre	έγúvd		
157.	Boil	ùbe	àbe	
158.	Sore, scab	ìnờr	ínʊr	
159.	Wound	usoo	ćśaí	
160.	Leprosy	rầrấ kí bãrã		'sickness of red'
161.	Head	ìtsi	àtsi	
162.	Eye	usu	asu	
163.	Cheek	utam	atam	
164.	Forehead	ishi	àshi	
165.	Nose	iŋwu	_	
166.	Ear	uto	ato	
167.	Mouth	aŋwi	-	also 'hole in ground'
168.	Tooth	unyi	anyi	who how in ground
169.	Tongue	urem	arem	
170.	Throat	ìtémrò	ítémrà	
171.	Neck	urɔ <sup>[k]</sup>	ejmen égí	
172.	Jaw	àngbòkà	T[J	
173.	Chin	andzor	_	
174.	Shoulder		2001	
175.		ucey ufe	acey	cf. 'wing'
173. 176.	Armpit Fist			ci. wing
		ìkpoi ubo <sup>[k]</sup>	ikpoi abo <sup>[k]</sup>	
177.	Arm, hand	uda <sup>[k]</sup>	ada <sup>[k]</sup>	
178.	Leg			
179.	Foot	ùndàydà	àndàydà	
180.	Thigh	ìjèŋdà	íjéŋdà	
181.	Knee	ùtsúrù	àtsúrù	
182.	Nail (Finger/toe)	ùgbàrtò	ágbàrto	
183.	Female breast	ubε̃	abẽ	
184.	Stomach	ànna	-	
185.	Chest	ìkò <sup>[k]</sup>	íkô	
186.	Navel	ìko	iko	
187.	Back	ùndziŋ	àndziŋ	
188.	Buttocks	ukpó	akpó	
189.	Penis	tsàytsáà	-	
190.	Vagina	ìfi	ifi	
191.	Skin	ùbvùr	àbvùr	
192.	Bone	upfupfu	apfupfu	
193.	Rib	sèr[i]gbóm	-	
194.	Vein	ìcím	ícím	
195.	Blood	àdzìr	-	
196.	Breath	uwoi	-	
197.	Tear	nyùnyi	anyùnyi	
198.	Saliva	aci		
199.	Sweat	ìzyù	-	
200.	Urine	àmè ghwìrì	-	
201.	Faeces	àbi		
202.	Hair	igwar	-	
203.	Beard	andzʊr		
204.	Liver	àzhầi̇̀		
205.	Heart	ìkpì	-	
206.	Intestines	karâbi	-	
207.	Body	yor		
	•	J	40	

Roge	r Blench: Idũ Word	llist		
No.	Gloss	Singular	Plural	Notes
208.	Meat	ìjvwε	-	
209.	Animal (Bush)	ìjvwɛrùm	ijvwɛrùm	
210.	Cow	ìnà	iná	
211.	Goat	ìbữ	íbữ	
212.	He-goat	ishúr	íshúr	
213.	Castrated goat	ìràm	íŗâm	
214.	Sheep	ìdôy	ídôy	
215.	Ram	ìtsùrì	ítsúrì	
216.	Dog	ìjvwí	ijvwi	
217.	Cat	ùmàteu	àmàteu	
218.	Pig	lédè	-	< Hausa
219.	Horse	ìnyàwầ	ínyáwầ	
220.	Donkey	ùzhíkà	àzhíkà	
221.	Elephant	ìnni	inni	
222.	Buffalo	ìyày	iyây	
223.	Lion	yere jvwèrùm	_	'king of animals'
224.	Leopard	ìgbì	ígbĩ	
225.	Jackal <sup>4</sup>	ìjvwîngbàkò	íjvwíngbàkò	
226.	Wart-hog <sup>5</sup>	ìvekũba	ívekũba	
227.	Duiker antelope <sup>6</sup>	ùhwĩ		H. gada
228.	Antelope	ùnkpớrà	ànkpớrà	H. makuna
229.	Antelope	ìdzaŋ	idzaŋ	H. barewa
230.	Porcupine <sup>7</sup>	ìyĭk	iyik	
231.	Baboon	îkə	íká	
232.	Patas monkey <sup>8</sup>	ìsem	ísém	
233.	Vervet monkey <sup>9</sup>	ìdzu	idzu	
234.	Squirrel (ground)	ùndok	àndok	cf. Berom <b>rók</b> , Ayu <b>ìtòk</b> , Alumu <b>i-tò</b> , Tarok
		,	,	ìritòk,
235.	Squirrel (tree) I	ùkpírkpi̇̀	àkpírkpî	
236.	Squirrel (tree) II	ìkpíshòr	íkpíshòn	
237.	Rat (generic)	ìkpi	íkpí	
238.	Striped mouse	ìzèr	ízêr	
239.	Fast rat?	ùhwérề	áhwérề	
240.	Giant rat <sup>10</sup>	ìkʊr	ikʊr	
241.	Pygmy mouse	ùtàrkùn	àtàrkùn	
242.	Grasscutter <sup>11</sup>	ìbèù	íbéù	
243.	Shrew	ùndzúsìkpi	àndzúsìkpi	'rat-catcher'
244.	Hedgehog <sup>12</sup>	ìmun	ímún	
245.	Hare <sup>13</sup>	ùndzoo	àndzoo	
246.	House-bat	ùkpùkpàŋ	àkpùkpàŋ	
247.	Fruit-bat	ùvầĩ	àvầĩ	
248.	Nile crocodile	ìvàr	ivár	
249.	Chameleon	unyànyawã	anyànyawã	

<sup>&</sup>lt;sup>4</sup> (Canis aureus)

<sup>&</sup>lt;sup>5</sup> (Phacochoerus aethiopus)

<sup>&</sup>lt;sup>6</sup> (Cephalophus spp.)

<sup>7 (</sup>Hystrix cristata)
8 (Erythrocebus patas)
9 (Cercopithecus aethiops)
10 (Cretomyces sp.)
11 (Thryonomys Swinderianus)
12 (Atelerix albiventris)
13 (Lepus Crawshayi)

	r Blench: Idũ Wordli			
No.	Gloss	Singular	Plural	Notes
250.	Agama lizard	ìgywir	igywır	
251.	Skink	ùndàándzûn	àndàándzûn	
252.	Gecko	ùshàrándêm	àshàrándêm	
253.	Monitor lizard	pfúŋgywîr	ápfuŋgywìr	'masquerade lizard'
	(damo)			
254.	Monitor lizard	ùyàr	àyàr	
	(guza)			
255.	Toad	ùwèr	àwèr	
256.	Frog	wàánjár	àwàánjár	
257.	Tortoise, turtle	ùmpfur	àmpfur	
258.	Snake (Generic)	ìbvwì	íbvwî	
259.	Spitting cobra	ìdzùm	ídzûm	
260.	Python	ìtsẽ	ítsế	
261.	Crab	ùnkãrĩ	ànkãrĩ	
262.	Snail	ìkər	ikər	
263.	Fish (generic)	ùbèr	àbèr	
264.	Bird (generic)	ùnùnù	ànùnù	
265.	Chicken	ìnù	ínû	
266.	Cock	ìkò	ikô	
267.	Duck (Domestic)	ùgògo	àgàga	
268.	Pigeon (Domestic)	ùnúrèw	ànúrèw	
269.	Guinea-fowl	ìdzoo	idzoo	
270.	Hooded Vulture <sup>14</sup>	ùngbéppè	àngbéppè	
271.	Village Weaver <sup>15</sup>	ùyùyε	àyùyε	
272.	Cattle-egret <sup>16</sup>	ùnùnù àpàtâ	ànùnù àpàtâ	
273.	Black kite <sup>17</sup>	ipippere	-	
274.	Owl (various spp.)	ùŋúhữ	àŋúhữ	
<b>275.</b>	Senegal Coucal <sup>18</sup>	ùtútùúr	àtútùúr	
276.	Bush-fowl	ìków	ikow	
277.	Swallow	ùkpàŋàpfu	àkpàŋàpfu	
278.	Pied crow <sup>19</sup>	ùghwánà	àghwánà	
279.	Woodpecker	ùŋgashon	àngashon	
280.	Scorpion	ìnnà	innâ	
281.	Butterfly	ùkàtàpfu	àkàtàpfu	
282.	Mosquito	ìboo	iboo	
283.	Spider <sup>20</sup>	ùtùtèn	àtùtèn	
284.	Mason wasp <sup>21</sup>	ùmàndzì	àmàndzì	
<b>285.</b>	Bee	ìwoy	iwoy	
286.	Sweat-fly ground	azur	-	
287.	Sweat-fly tree	ìshìm	λ_ζΥ1 ·	Also makes honer
288.	Sandfly	ùzúrìbi		Also makes honey
<b>289.</b>	Housefly	ìzù	ízû	
<b>290.</b>	Ant (Generic)	ùkpùkpay	àkpùkpay :	
<b>291.</b>	Louse (Human)	ìro	iro	
292.	Millipede	ùkùkwòy	àkùkwòy	

<sup>14 (</sup>Neophron monachus)
15 (Ploceus cucullatus)

<sup>16 (</sup>Ardeola ibis)
17 (Milvus migrans)
18 (Centropus spp.)
19 (Corvus albus)
20 (Acarina spp.)
21 (Belenogaster spp.)

	r Blench: Idũ Wordl			
No.	Gloss	Singular	Plural	Notes
293.	Cockroach	ùfùfew	àfùfew	
294.	Termite	yee		
295.	Flying-ant	ngbapputo	-	
296.	Clothes-moth	ùghẽ	àghẽ	
297.	Grasshopper	ùsùsu	àsùsu	
298.	Praying mantis	ùndórầ	àndórầ	
299.	Firefly	ìdzèr	ídzêr	Cf. 'star'
300.	Mole-cricket	ìdìyà	ìdíyà	
301.	Earthworm	ùtùtòŋ	àtùtòŋ	
302.	Soap (Traditional)	ufúádữ	-	
303.	Oil Fat/grease	atséy		
304.	Salt	aŋwã		
305.	Soup/stew	dzaw		
306.	Porridge	ùhwo		
307.	Sorghum-beer	àdε		
308.	Palm-wine	àmmḕ́ŗe		'water of palm'
309.	Peelings	ufeka	afeka	
310.	Filter	use	-	
311.	Rag	ùtà toro	àtà toro	
312.	Floor-beater	ùmàámbò	àmàámbò	
313.	Handle (of tool)	ùhwo	àhwo	
314.	Sickle	ùràwje	àràwje	< Hausa
315.	Cutlass	ùdaa	àdaa	
316.	Axe	àŋgǎy	-	Ramindop
317.	Axe	cgí	-	Siba, Ida
318.	Axe	kèré	-	Ndofa
319.	Adze	amaw	-	
320.	Hoe I	ùkpír	àkpír	
321.	Hoe II	ùkpír wàí	àkpír wàí	
322.	Hoe III	ìhwun	ihwun	
323.	Hoe IV	ìgan	igan	
324.	Hoe V	ùkoi	àkoi	
325.	Hammer	utsoŋ	atsoŋ	
326.	Knife	ikon	àkon	
327.	Comb	kpàìtsi	-	
328.	Broom I	suser	asuser	
329.	Broom II	ishom	ìshəm	soft
330.	Broom III	ufoo	afoo	soft for cleaning winnowing tray
331.	Bag	ùkpòka	àkpòka	
332.	Sack	ìgàshà	ígáshà	
333.	Fireplace	tséndàrà	átséndàrà	
334.	Shoe	àbàddà	-	
335.	Cloth	atoro	-	
336.	Grindstone (top)	ùŋwánà	àŋwánà	
337.	Grindstone	uko	ako	
	(lower)		-	
338.	Mortar (wood)	utsur	atsur	
339.	Pestle	udzii	adzii	
340.	Pot (generic)	ìnwi	ínwí	
341.	Pot I	ìdzò	idzô	
342.	Pot II	ìgàmà	ígámà	
343.	Pot III	ìdzúmadè	ídzúmadè	
344.	Pot IV	ìdzúmàmè	ídzúmàmè	
345.	Pot V	ùndzoma	àndzoma	
J-13.	1 00 4	unazoma	unuzoma	

	r Blench: Idũ Wordl			
No.	Gloss	Singular	Plural	Notes
346.	Head-pad	ùdzùdzìr	àdzùdzìr	
347.	Basket (generic)	uziŋ	aziŋ	
348.	Winnowing tray	utar	atar	
349.	Mat (generic)	ùfùfàr	àfùfàr	
350.	Needle	agwe	-	
351.	Spear I	ásáwà	-	
352.	Spear II	ádórà	-	Made entirely of wood
353.	Bow	utoo	atoo	
354.	Arrow	agwe	-	
355.	Arrow II	ìkpàw	íkpâw	
356.	Quiver	uhwaw	ahwaw	
357.	Rope	àri	-	
358.	Stool	ìdè	ídê	
359.	Grass door	ùpfùpfùm	àpfùpfùm	
360.	Fence	ufom	afom	
361.	Bridge	udaar	adaar	
362.	Bee-hive	ugbớr woi	agbớr woi	
363.	Fish-trap	ìsaŋ	isaŋ	
364.	One	nyiŋ	J	
365.	Two	vàà		
366.	Three	ntaar		
367.	Four	nnaar		
368.	Five	ntõõ		
369.	Six	tõõĩ		
370.	Seven	təəvà		
371.	Eight	təərək		
372.	Nine	təərà		
373.	Ten	kóp		
374.	Eleven	dòòm		
375.	Twelve	sók		
376.	Thirteen	ŋgàr nyíŋ		
377.	Fourteen	ŋgàr vàà		
378.	Twenty	ŋgàr tõõĩ		
379.	Twenty-four	ngàr sók		
380.	Thirty-six	sok kay taar		
381.	Forty-eight	sok kay naar		
382.	Black	fírá		
383.	White	térá		
384.	Red	bấrấ		
385.	Sweet	tòŋa		
386.	Bitter	kpère		
387.	Half	téŋâ		
388.	Hot	mani		
389.	Cold	ghèŋa		
<b>390.</b>	Old	kúgbe		
391.	New	kúfa		
<b>392.</b>	Wet	kúghwèp		
393.	Dry	kúkoi		
394.	Smooth	kúghwòw		
395.	Add to	toma		
<b>396.</b>	Answer (question)	dzìpà		
397.	Arrive (question)	baŋâ		
398.	Ask a question I	rúsá		
399.	Ask a question II	dèpa		more 'modern'
377.	135K a question n	uepa		more modern

	r Blench: Idũ Wordli			
No.	Gloss	Singular	Plural	Notes
400.	Ask/beg for	fềna		
	something			
401.	Awaken (s.o.)	zìta		
402.	Bark (dog)	gboy		
403.	Be bent	korre		
404.	Be heavy	mʊrr		
405.	Be on	núú		
406.	Be rotten	võ		
407.	Be short	kpíná		
408.	Beat (drum)	barr	bata	but also 'play musical instrument' so also 'blow flute'
409.	Beat (s.o.)	kwerr		
410.	Become dry	koy		
411.	Begin	tiŗí		
412.	Bite	shaar	shaŋ	
413.	Blow (mouth)	feppa		
414.	Boil	рùna	rirùna	
415.	Build (house etc.)	dzín		
416.	Burn (fire burns)	kpìi̇̃		
417.	Bury (person)	gwiţi		
418.	Bury (object)	dzáke		
419.	Buy	goy	gòòi	
420.	Call (to someone)	yisa	yíyisa	
421.	Carry on head	tsã	tsãŢã	
422.	Carry on back	kama	kíkama	
423.	Carve (wood etc.)	ts̃̃		
424.	Catch	dzûr	dzuì	
425.	Chew	tãĩ	títãĩ	
426.	Choose	tsũ	tsusa	
427.	Climb	fũ	fifùŗã	
428.	Close	fôm	fĭfôm	
429.	Come	ba	bíba	
430.	Come out (of room)	dzakà	dzèiwà	
431.	Continue (to do s.t.)	kòre	kíkòre	
432.	Cook tubers in water	shàpa	shíshàpa	
433.	Cook food	pfur		
434.	Cough	kòsha [gɔ̈́ɔ̈́]	kíkòsha	also means to pour grains from one container to another
435.	Count	vàre	vívàre	to unotifer
436.	Cover	tsime	tsítsime	
437.	Cultivate, farm	kàw	within	
438.	Cut down (tree)	gberr		
439.	Cut in two	zhare		
440.	Dance	zerr	zízerr	
441.	Die	kpe	kpíkpei	
442.	Dig (earth etc.)	sìm	sísìma	
443.	Divide/share	gàsha	Sisiiia	
444.	Do/make	kore		
445.	Drag	gbìírr		
446.	Draw water	shoy		
447.	Dream	cej[i]y		
/ •	2.0000	(~)[1][0		

No.         Gloss         Singular         Plural         Notes           448.         Drink         hwa           449.         Drop         shoor           450.         Dry in sun         tera           451.         Eat         gha           452.         Enter         tsi           453.         Extinguish         ri           454.         Fall (rain)         dòì           455.         Fall over         gbà	
449.       Drop       shoor         450.       Dry in sun       tera         451.       Eat       gha         452.       Enter       tsi         453.       Extinguish       ri         454.       Fall (rain)       dòì	
450.       Dry in sun       terã         451.       Eat       gha         452.       Enter       tsi         453.       Extinguish       ri         454.       Fall (rain)       dòì	
451.       Eat       gha         452.       Enter       tsĩ         453.       Extinguish       rĩ         454.       Fall (rain)       dòì	
452.       Enter       tsī         453.       Extinguish       rī         454.       Fall (rain)       dòì	
453.       Extinguish       rī         454.       Fall (rain)       dòì	
454. Fall (rain) dòì	
<b>455.</b> Fall over gbà	
<b>456.</b> Fear wyey	
<b>457.</b> Feel (cold etc.) gằ	
<b>458.</b> Fight (in war) fuw cf. fuu = 'foam'	
<b>459.</b> Fill too	
<b>460.</b> Finish (a task) maa	
<b>461.</b> Float yàn	
<b>462.</b> Flog kwerr	
463. Flow (water etc.) dzž	
<b>464.</b> Fly (birds) sòkáfε	
<b>465.</b> Fold (cloth etc.) feta	
<b>466.</b> Follow dòsa	
<b>467.</b> Forget yirí	
<b>468.</b> Fry (in oil) kãi	
<b>469.</b> Gather/collect kon	
<b>470.</b> Get yey	
<b>471.</b> Give dzòwe	
<b>472.</b> Give birth màrr	
<b>473.</b> Go zìη	
474. Go out/exit dze	
<b>475.</b> Grind go	
<b>476.</b> Grow (plants) sèŋ	
477. Hatch (egg) hwòn	
<b>478.</b> Have we	
<b>479.</b> Hear gằ	
480. Hoe kpòta	
481. Hunt ghaw	
<b>482.</b> Jump térrshà	
483. Kill ferr	
484. Kneel táràru	
<b>485.</b> Know hwεŋ	
486. Laugh nyírấ	
487. Learn mesá	
<b>488.</b> Leave s.t. behind bórre	
<b>489.</b> Lick τεn	
<b>490.</b> Lie down nù	
<b>491.</b> Listen kpétoo	
<b>492.</b> Lost, to be gwir	
493. Marry pfuna	
494. Measure	
495. Mix dàkà	
<b>496.</b> Mould (pot) dzĩ	
<b>497.</b> Mount = climb	
498. Open tsuri	
499. Pierce/stab tarr	
500. Plait (hair) tsère	
<b>501.</b> Plant (crop etc.) dòy	

	r Blench: Idũ Wordli			
No.	Gloss	Singular	Plural	Notes
502.	Play	gwera		
503.	Pound (in mortar)	τún		
504.	Pour (liquid)	wùpá		
505.	Pull	gbìír		
506.	Push	yiri		
507.	Put on (clothes)	tsím		
508.	Receive = get			
509.	Refuse	kpἒ̀		
510.	'Remain'	dẽ̃̃emɔ		
511.	Remember	yìta		
512.	Resemble	yey		
513.	Return, go back	pfuri		
514.	Ride (horse etc.)	dzwì		
515.	Roast on coals	vum		
516.	Rub	dzùka		
517.	Run	tí		
518.	Rush down from	hwaré		
	tree			
519.	Say/speak	ŗеŗé		
<b>520.</b>	Scatter	nà		
521.	See	nyà		
522.	Seek, search	bee		
523.	Sell	góshe		
524.	Send	dène		also 'put down'
525.	Set trap	dèyi		•
<b>526.</b>	Sew	sor		
<b>527.</b>	Shake	zúŋ		
<b>528.</b>	Sharpen	fàr		
529.	Shoot (arrow,	taŋ		
	gun)	-		
530.	Sing	tsữ		
531.	Sit down	sèy		
532.	Slaughter (animal)	ŋwã		
533.	Sleep	rá		
534.	Smash	yarr		
535.	Smell	nuwyí		
536.	Snap in two	bvũ		
537.	Sow seeds $=$ plant	dòy		
538.	Spit	tar		
539.	Split	sέm		
540.	Stand	d̃ẽ		
541.	Steal	vew		
542.	Stir (soup)	dàsa		
543.	Suck (breast etc.)	yam		
544.	Surpass	naŋ		
545.	Swallow	ŋwù		
546.	Sweep	yàrr		
547.	Swell	sèŋ		
548.	Swim	zoy		
549.	Take	nyaŋa		
550.	Talk	gbewa		
551.	Tear (cloth etc.)	vaar		
552.	Tell	dòyi		
553.	Throw	taŋ		

	r Biench: Iau Wordi		Dlamal	Notos
No.	Gloss	Singular	Plural	Notes
554.	Tie	bow		
555.	Touch	baŋa		
<b>556.</b>	Turn back	bvwí		
557.	Twist (rope etc.)	shì̈́rã		
<b>558.</b>	Untie	tìsa		
559.	Uproot (tuber)	bvùri		
<b>560.</b>	Vomit	gòy		
561.	Walk	zḕrã		
562.	Want, need, love	bema		
563.	Wash	sờr		
564.	Wear = $cover$	tsim		
565.	Weave	nù		
566.	Weed	zəŋ		
567.	Weep	cuw		
568.	Wipe	wáŋ		
569.	Work	tsèrr		
<b>570.</b>	Yawn	yem		
571.	I	múm		
572.	You	ŋɔ		
573.	He/she/it	ŋâ		
574.	we	mên		
575.	you pl.	mbî		
<b>576.</b>	They	mbo		
577.	Who?	ŋaa		
578.	Which?	kúsôŋ		
579.	What?	àwùsé		
<b>580.</b>	When?	kàŋ		
<b>581.</b>	Where?	rinee		
	•			

#### **Edible and Useful Plants**

NO.	Gloss	Singular	Plural	Commentary
582.	Tuber	ùgàrè	àgàrè	;
583.	Guinea-yam <sup>22</sup>	útsír	atsir	•
584.	Aerial yam <sup>23</sup>	ìdèm	ídêm	L
585.	Water-yam <sup>24</sup>	ùzấmbấrầ	àzấmbấrầ	
<b>586.</b>	Taro (Old cocoyam) <sup>25</sup>	ùsèkènu	àsèkènu	
587.	New cocoyam <sup>26</sup> *	ùgàrè'gho	àgàrè'gho	
588.	Cassava*27	ùrógò	-	< Hausa
589.	Sweet potato*28	ùrawur	-	< Hausa
<b>590.</b>	Wild yam	avé		
591.	Thorny yam? cult.	àndùndon		
592.	Tumuku <sup>29</sup>	ànàŋgò káfĩrã		

<sup>&</sup>lt;sup>22</sup> (Dioscorea guineensis) <sup>23</sup> (Dioscorea bulbifera) <sup>24</sup> (Dioscorea alata)

<sup>25 (</sup>Colocasia esculenta)
26 (Xanthosoma mafaffa) (H. wali)
27 (Manihot esculenta)
28 (Ipomoea batatas)
29 (Plectranthus esculentus)

Roge	r Blench: Idű Wordlist			
NO.	Gloss	Singular	Plural	Commentary
593.	Rizga <sup>30</sup>	ànàŋgò kábãrã		
594.	Sorghum <sup>31</sup>	abvúr[ì]dòòr	-	
595.	Bulrush millet <sup>32</sup> (gero)	imara		
<b>596.</b>	Fonio (H. acca) <sup>33</sup>	itsem		
597.	Iburu (H. <i>iburu</i> ) <sup>34</sup>	iyarr		
<b>598.</b>	Maize*35	abvúr[ì]vur		
599.	Rice*36	sùkabo		
600.	Cowpea <sup>37</sup>	ineu		
601.	Spiral cowpea	kanyey		
602.	Lima bean <sup>38</sup> *	nùneu		
603.	Bambara groundnut <sup>39</sup>	manırr		
604.	Kersting's ground-	népabèy		
<b>€0.</b>	nut <sup>40</sup>	. 122		
605.	Groundnut (Peanut) <sup>41</sup>	izhîî		
606.	Tiger-nut <sup>42</sup>	hwàán		
607.	Garden egg <sup>43</sup>	ìfer	ifer	
608.	Okra <sup>44</sup>	àghwo		
609.	Chili pepper* (large) <sup>45</sup>	ìbõõ		
610.	Onion (Allium cepa)	ùgbirima	-	
611.	Melon (guna) <sup>46</sup>	itsey		
612.	Edible squash <sup>47</sup> Sorrel/roselle <sup>48</sup>	igbűù		
613. 614.		ikpáì	~ II	
614.	Kenaf <sup>49</sup>	rãwã	< H.	
	Sesame seeds <sup>50</sup> Black sesame <sup>51</sup>	itar		
616. 617.	Sesame leaves <sup>52</sup>	ìkũrã ùdzaw		
618.	Bitterleaf <sup>53</sup>			
619.		ìtoy		
017.	Banana (Musa AAA)	ingben		

<sup>&</sup>lt;sup>30</sup> (Solenostemon rotundifolius)

<sup>31 (</sup>Sorghum bicolor)

<sup>32 (</sup>Pennisetum spp.)

<sup>&</sup>lt;sup>33</sup> (Digitaria exilis)

<sup>&</sup>lt;sup>34</sup> (Digitaria iburua)

<sup>35 (</sup>Zea mays)

<sup>&</sup>lt;sup>36</sup>(Oryza sativa/ glaberrima)

<sup>&</sup>lt;sup>37</sup> (Vigna unguiculata)

<sup>&</sup>lt;sup>38</sup> (Phaseolus lunatus)

<sup>&</sup>lt;sup>39</sup> (Vigna subterranea)

<sup>40 (</sup>Macrotyloma geocarpa)

<sup>41 (</sup>Arachis hypogaea)

<sup>42 (</sup>Cyperus esculentus)

<sup>43 (</sup>Solanum melongena)

<sup>44 (</sup>Abelmoschus esculentus)

<sup>45 (</sup>Capsicum frutescens)

<sup>46 (</sup>Cucumis spp)

<sup>47 (</sup>Cucurbita pepo)

<sup>48 (</sup>H. yakuwa) (Hibiscus sabdariffa)

<sup>&</sup>lt;sup>49</sup> (H. rama) (Hibiscus cannabinus)

<sup>&</sup>lt;sup>50</sup> (H. Ridii) (Sesamum indicum)

<sup>51 (</sup>Sesamum radiatum)

<sup>52 (</sup>H. karkashi)

<sup>53</sup> Vernonia amygdalina

	r Biench: Iau Wordlist			-
NO.	Gloss	Singular	Plural	Commentary
<b>620.</b>	Lime	ukoo	akoo	
621.	Pawpaw <sup>54</sup>	ìvèsa	-	
<b>622.</b>	Gourd (Generic)	àtóbin	in home	
623.	Gourd-bottle <sup>55</sup>	dùdàr		
624.	Gourd (spherical) <sup>56</sup>	kíkĩ kigõ		
625.	Cotton	ruru		
<b>626.</b>	Tobacco*	àzò		
<b>627.</b>	Loofah <sup>57</sup>	wàágầ	(H. soso	<b>)</b>
<b>628.</b>	Oil-palm <sup>58</sup>	ìŗe		
629.	Palm-oil	tsé kabārā		
630.	Fan-palm <sup>59</sup>	wákpà		
631.	Ebony tree	ìkpìkpíyà		
632.	Canarium tree <sup>60</sup>	afar		
633.	Custard apple <sup>61</sup>	gùgwíyà		
634.	Wild date-palm <sup>62</sup>	inêy		
635.	Silk-cotton tree <sup>63</sup>	ìpfum		
636.	Shea tree <sup>64</sup>	ìriwa		
637.	Locust tree <sup>65</sup>	ìrữwầ		
638.	Locust fruit	urũũ		
639.	Locust fruit	inyî		
640.	Locust flower	ùgbễ rữữ		
641.	Locust-bean powder	àghwì tù rằữ		
642.	Locust-bean cakes	ùgbĚ		
643.	Terminalia sp. <sup>66</sup>	shúshôn		
644.	Black plum <sup>67</sup>	ìjèŋ		

#### **Musical Instruments**

NO.	Gloss	Singular	Plural	Commentary
645.	Drum I	ùngằŋgầ		
		kúgõ		
646.	Drum II	ùngằŋgầ kúci		
647.	Drum III	wyey gằŋgằ		
648.	Flute	sèrwa		
649.	Cruciform whistle general	àŋwii		
<b>650.</b>	Cruciform whistle I	kúgõ		
651.	Cruciform whistle II	kwámè		

<sup>&</sup>lt;sup>54</sup> (Carica papaya)

<sup>55 (</sup>Lagenaria siceraria)
56 (Cucurbita maxima)

<sup>57 (</sup>Luffa cylindrica)

<sup>58 (</sup>Elaeis guineensis)

<sup>58 (</sup>Elaeis guineensis)
59 (Borassus aethiopum)
60 (Canarium schweinfurthii)
61 (Annona senegalensis)
62 (Phoenix reclinata)
63 (Ceiba pentandra)
64 (Vitellaria paradoxa)
65 (Parkia biglobosa)
66 (H. baushe)
67 (Vitex doniana)

<sup>67 (</sup>Vitex doniana)

**652.** Cruciform whistle III ndèn

**653.** Cruciform whistle IV uyír smallest

**654.** Zither igbom 655. Lute igbom fărî

**656.** Transverse horn atsom in sets

**657.** Grass oboe ìpãwã for acha harvest

658.Iron gonguhwor659.Palm-leaf rattlesàdzùdzà660.Ankle rattleswēzhērĩ

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