# MAIROBI EVANGELICAL GRADUATE SCHOOL OF THEOLOGY

# THE DERIVATIONAL MORPHOLOGY OF THE MAA NOUN

BY

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#### THE DERIVATIONAL MORPHOLOGY OF THE MAA NOUN

#### BY

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A Linguistic Project submitted to the Graduate School in partial fulfillment of the requirements for the degree of Master of Arts in Translation Studies

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July, 2000

#### **DECLARATION**

## THE DERIVATIONAL MORPHOLOGY OF THE MAA NOUN

I declare that this is my original work and has not been submitted to any other College or University for academic credit.

The views presented herein are not necessarily those of the Nairobi Evangelical Graduate

School of Theology or the Examiners.

Leonard L. Kotikash

July, 2000

#### **ABSTRACT**

Although ordinary dictionary writers do not take the risk of actually predicting or anticipating new forms before they are attested, it is clear that there exist certain quite clear processes by which new words are born from old ones. These processes are called processes of derivation.

In this paper, I will try to analyze the processes of derivation by noting that derivation is usually not one process, but three simultaneous processes, namely: morphological, syntactic and semantic.

This is an introduction to fundamental concepts in the study of derivational morphology of the Maa nouns. It seeks to develop ideas and arguments so that the reader can gain a feeling for how these nouns are derived from verbs and adjectives. One problem includes the dividing-line between derivational morphology and syntax. Another problem addressed is concerned with the means of derivation (i.e. infix, prefix or suffix).

#### **ACKNOWLEDGEMENTS**

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## TABLE OF CONTENTS

I	DE	ECLARATION	.ii
2	AE	BSTRACT	.iv
1	40	CKNOWLEDGEMENTS	V
I		ST OF ILLUSTRATIONS	/11
I		ST OF TABLES	/11
I		ST OF ABBREVIATIONS	. ix
ľ	ME	ETHODOLOGY	. X
(	CH	IAPTER 1 – INTRODUCTION	]
1	.1.	THE MAA PEOPLE	1
1	.2	GENETIC AFFILIATION AND DEMOGRAPHY	2
1	.3	DIALECTS	.3
1	.4	THOROLOGICAL THE CONVENTIONS	
		1.4.1 CONSONANTS 1.4.2 VOWELS 1.4.3 TONE	5
1	5	PUBLICATIONS	
(	Н	APTER 2 – DEFINITION OF TERMS	7
2.	1	MORPHOLOGY	7
2	2	DERIVATION	. 8
2.3	3	NOUNS	Q

СН	IAPTER 3 – DERIVING NOUNS FROM VERBS	10
3.1.	STRUCTURAL PROPERTIES OF VERBS	10
3.2.	MORPHOSYNTACTIC PROPERTIES OF NOMINALIZED VERBS	
	3.2.2. ACTION NOMINALIZATION	22
	3.2.2.1ata/-oto Suffixation	
	3.2.3. STATIVE NOMINALIZATION (-an/-on)	24
3.3.	ARGUMENT NOMINALIZATION	
	3.3.1. AGENT MARKING	
	3.3.2. INSTRUMENT MARKING.	
	3.3.3 PATIENT NOMINALIZATION	26
СН	IAPTER 4 – DERIVING NOUNS FROM ADJECTIVES	27
4.1	STRUCTURAL PROPERTIES OF ADJECTIVES	27
4.2	2. MORPHOSYNTACTIC PROPERTIES OF NOMINALIZED ADJECTIVES	28
	4.2.1. GENDER AND NUMBER MARKING	28
	4.2.2. OTHER FORMS OF DERIVED NOUNS FROM ADJECTIVES	30
СН	APTER 5 – DISTRIBUTIONAL PROPERTIES OF NOMINALIZED VERBS AND NOMINALIZED ADJECTIVES IN SENTENCES	
СН	APTER 6 - SUMMARY AND CONCLUSIONS	35
RE	FERENCES	38
AP.	PENDIX 1 – DERIVATION MORPHOLOGY OF NOUNS FROM VERBS	40
AP	PENDIX 2 - DERIVATION MORPHOLOGY OF NOUNS FROM	60

# LIST OF ILLUSTRATIONS

FIGURE 1	: THE EASTERN NILOTIC LANGUAGE FAMILY	
	LIST OF TABLES	
TABLE 1:	VERB TYPES	. 13
TABLE 2:	GENDER PREFIXES	16

## LIST OF ABBREVIATIONS

AG.NML

Agent Nominalizer

AG.NML.PL

Agent Nominalizer Plural

CAUS

Causative

DAT.NPFV

Dative non-perfective (present and subjunctive/imperative)

F

Feminine

FPL

Feminine plural

FSG

Feminine singular

**INCEPT** 

Inceptive

INF

Infinitive

INSTR

Instrumental

INSTR.PL

Instrumental Plural

M

Masculine

MID

Middle

MPL

Masculine plural

MSG\_

Masculine singular

NML

Nominalizer

NML.PL

Nominalizer Plural

NML.SG

Nominalizer Singular

NEG

Negative

PASS

Passive

PFV

Perfective

PFV.PL

Perfective Plural

PL

Plural

REL

Relative

REL.PL

Relative Plural

SG

Singular

**VENT** 

Ventive

1

1<sup>st</sup> person (singular, plural)

2

2<sup>nd</sup> person (singular, plural)

3

3<sup>rd</sup> person (singular, plural)

#### CHAPTER 1

#### INTRODUCTION

### The Maa People

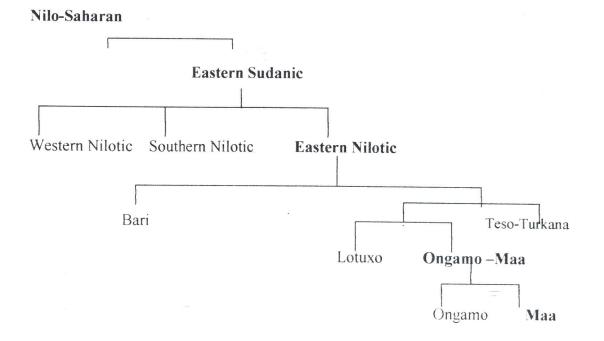
The East African plains is the dwelling place of the Maa (particularly known as *ol-maa*) tribe. In both Tanzania and Kenya, between the 34<sup>th</sup> and 37<sup>th</sup> degrees of longitude, and between 3 degrees north and 7 degrees south of the equator, we find side plains, which are often called the Maa steppes after their inhabitants. The Maa country cuts right across the border, and occupies much of central Kenya and northern Tanzania along the path of the Rift Valley. In northern Kenya, the Samburu live in a semi-desert, with camels as well as the traditional cattle of the rest of the Maa. The homesteads of the small group of the Camus are situated in the central part of Baringo district. Exclusively inhabited by the Maa people are Transmara, Narok and Kajiado districts. In Tanzania, the Maa settlements can be found in Kilimanjaro, Tanga, Arusha, Dodoma, Pwani, Morogoro, and Iringa, Kilosa, Kondoa, Mpwapwa, Bagamoyo, Kisarawe, Mbeya, Handeni, Lushoto, Pare and Manyoni areas.

## Genetic Affiliation and Demography

The term Maa denotes a language. The Maasai people identify themselves as all those who speak the Maa language. Maa has produced varieties of ethnic groups and dialects so great that it needs historical research. Maasai has often been used to refer to a dialect of the Maa language, along with Samburu and Camus. I would like to use the term Maasai to refer to all those who speak the Maa language including the Camus and the Samburu dialects.

Maa is a member of the Nilotic family, Eastern Nilotic subfamily, within the Nilo-Saharan phylum. Based on Grimes B. *Ethnologue* (13<sup>th</sup> edition;1996:292-293) and also expounded by Spear T and R. Wallace (1993), the linguistic classification looks like this:

Figure 1.-The Eastern Nilotic language family



According to Grimes (1996), there are 453,000 Maa speakers in Kenya and 430,000 in Tanzania. In total they will be about 883,000 speakers. In Kenya they comprise less than 2% of the total population and they are just the same percentage or less in Tanzania.

The results of the Kenya 1999 Census (Daily Nation: February, 17, 2000) shows that Maa speakers in Kenya totaled to 725,592 with the Maasai being 584,488 and Samburu 141,104 (including the Ilcamus of Baringo District).

#### **Dialects**

The Maa language has internal sub-divisions. The divisions are referred to as dialects. They are called dialects because while Maa speakers are aware of the sectional (and/or clan) differences, the speech varieties are intelligible with each other. The different dialects include:

North Maa (includes subdialects: Isampur, Ilcamus, Ilaikipia),

South Maa (includes subdialects: Ilarusa, Ilkisonko),

**Olkejuado** (includes subdialects: Ilmatapato, Ildalalekutuk, Iloodokilani, Ilkaputiei, Purkokajiado),

Narok (includes subdialects: Ilkeekonyokie, Purko, Iloitai, Ildamat)

Kilgoris (includes subdialects: Ilwuasinkishu, Ilmoitanik, Isiria).

Linguistically, some of these are extremely close, while some are a bit far from each other.

The differences range from pronunciation to lexical items and syntactic rules.

# **Phonology and Orthography Conventions**

Three salient aspects of the Maa sound system are its consonants, its vowels, and its tone. The Maa language has 28 consonant sounds, written as follows:

## Consonants

		Bilabial	A	lveolar	Pa	alatal	Velar	Glottal
Plosives								
Unaspirate	d vl	p		t		С	k	
	vd	b		d		j	g	
Prenasalize	ed							
Plosives	vl	mp		nt		nc	nk	
	vd	mb		nd		nj	ng	
Fricatives				S		sh		h
Nasals	vd	m		n		ny	ŋ	
Flap				r				
Trill	vd			rr				
Lateral	vd			1				
Approximants					y (yi)	w) w	m)	
(lenis fortis)								

#### Vowels

Maa has nine distinct vowels. They divide into two sets, depending on whether the tongue root is moved forward or is in neutral position or moved backwards. When the tongue root is moved forward, this is referred to as Advanced Tongue Root (+ATR) or "close" according to Tucker and Mpaayei (1955:xiv). When the tongue is moved backward or in neutral position, the sound is referred to as Non-advanced/Retracted Tongue Root (-ATR) or "open" for Tucker and Mpaayei.

#### **Advanced Tongue Root Vowels**

	FRONT	BACK
	Unrounded	Rounded
Close	i	u
Close-mid	e	0

#### Non-Advanced/Retracted Tongue Root Vowels

	FRONT	BAC	K	
	Unrounded	Unrounded	Rounded	
Close-intermediate	ι		U	
Open-mid	3		Э	
Open		а		

#### Tone

Tone is another important feature of Maa. There are both grammatical and lexical tones.

Just changing the tone (or pitch) on which different syllables are pronounced can change the meaning of individual Maa words.

There are four basic tones, **High** that is always high, **Mid** that changes to high when not in phrase final position, **Low** that is always low and **Falling** that changes to high when not in phrase final position. Falling is as a result of High tone moving quickly to Low tone. The low tone at the word initial is left unmarked because it is not expected to change.

- High tone: á
- Mid tone: a
- Low tone: à
- Falling tone: â

Maa constituent order is V S O.

#### **Publications**

The linguistic publications written about this language include: Tucker and Mpaayei (1955); articles and several M.A theses and Ph.D dissertations like Barshi and Payne D. (1996), Payne D., Hamaya and Jacobs (1994), Hamaya (1993), and Schneider (1998). There are also some elementary school and religious materials, and a complete translation of the Bible (both Old and New Testaments).

#### CHAPTER 2

#### **DEFINITION OF TERMS**

## Morphology

Nida (1946:1) defines morphology as, "the study of morphemes (minimal meaningful units that may constitute words or parts of words) and their arrangement in forming words" while Matthews (1974:2) relates morphology to German formenlehre (the 'study of forms'). He refers to morphology as a "branch of grammar that deals with the internal structure of words."

There are two major types of morphology as discussed by T. Payne (1997:20) namely: derivational and inflectional operations. In distinguishing both of them, Payne refers to derivational (morphology) operations as operations that "derive an inflectable stem from a root or an intermediate stem." Inflectional operations are the ones "required by the syntactic environment in which a root appears. They create fully formed words that are able to be integrated into discourse".

#### Derivation

Hurford and Heasley (1987:206) define derivation as "the process of forming new words according to a (fairly) regular pattern on the basis of pre-existing words." This is a more general definition as opposed to the definition by T. Payne (1997:20) whereby he refers to derivational processes as "ways of adjusting the grammatical category or subcategory of a linguistic form, to make it either more or less noun-like" thus narrowing it down to refer only to noun-forming processes.

A derived word in most cases changes its shape as well as changing its part of speech. This has been noted by Hurford and Heasley (1987:206) who states that derivation is "not one process, but three simultaneous processes". These processes include a morphological process (e.g. changing the shape of a word by adding a prefix or suffix); a syntactic process (e.g. changing the part of speech of a word) and a semantic process (e.g. producing a new sense).

T. Payne lists six basic morphological processes by which stems can be formally altered to adjust their meanings to fit their syntactic and communicational context.

They include:

**Prefixation** (bound morphemes that attach to the front of stems);

**Suffixation** (bound morphemes that attach to the ends of stems);

**Infixation** (bound morphemes that occur within stems);

Stem modification:

Reduplication (a piece of a root is repeated) and

**Suprafixation** suprasegmental modification (tone or stress pattern signal). (1997:29)

#### Nouns

Hurford (1994:139) defines a noun as "any word, other than a pronoun, that can serve as the subject of a sentence." Many nouns denote persons, places and things. They denote either whole classes (kinds) of physical objects or particular individual objects. Nouns can also be used for a great variety of other kinds of concepts, such as substances, actions, emotions, times, distances, songs, ideas and ideologies.

T. Payne (1997:33) refers to nouns as "time-stable concepts." By this he means that nouns express "concepts that characteristically do not vary appreciably over time."

What binds Maa nouns together as a class of words is their common grammatical behavior, i.e. the positions they can take in relation to other words and the roles (such as subject or object) they can take in sentences; taking of gender and number prefix; being the complement of 'be' verb; function as either possessed or possessor, or both, in a genitive construction; being the head of a relative clause; and following an adposition.

#### CHAPTER 3

## **DERIVING NOUNS FROM VERBS**

## Structural Properties of Verbs

Inflectional affixes that occur in verb stems may include: infinitive, negative, relative, subject, aspect, voice, dative, ventive, middle, inceptive, causative and instrumental markers. It has been hypothesized that many suffixes have old final consonants which only surface when they are followed by another suffix. In the following data, I have noted in parenthesis, ().

For example;

1. 
$$m - a - it\acute{o} - do(r) - ie$$
 'I can not make it red with it' NEG -1 - CAUS -red -INSTR

2.  $o - yam - \acute{a}$  (the one) who has married' REL-marry-PFV

3.  $e - dun - \acute{o}k \grave{i}$  'he will cut for him' 3-cut -DAT.NPFV

4.  $\acute{\iota} - \acute{\iota}k - a$  'you are suspended/boastful' 2-suspend-MID

5.  $a - rok - \acute{u}$  'to become black' INF-black-INCEPT

11

Vowel quality is very important to pay attention to because the verb stem vowel ATR quality determines the form of the affixes that are used.

For example;

6. 
$$\acute{a}$$
- $\acute{i}$ ken- $\grave{o}$  'I have closed' 1 –close -PFV

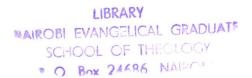
7. 
$$\acute{a} - \acute{\iota} k \varepsilon n - \grave{a}$$
 'I have counted' 1 -count -PFV

Maa verbs are categorized into two morphological classes according to whether the stem begins with the prefix i- or not. They name the class that begins with i- as 'class II' verbs and the one that does not begin with i- as 'class I' verbs. The i- often becomes n- or m- when following an i- in the case of imperatives and when the subject is second person. There are other morphological inflections that differentiate the two of which is not shown in this data.

For example;

#### Class I

8. 
$$a-s\acute{u}j$$
 'to follow' INF-follow



#### Class II

10.  $a - \iota s \acute{\upsilon} j$  'to wash' INF-wash

11. a - ipit 'to fill up' INF-fill

Verb stems can be formally altered to adjust their meanings to fit their syntactic and communicational context by the addition of derivational affixes. The kind of affixes a particular verb stem takes depends on the type of verb it is and/or in what category it falls. In her review of the study done by König (ed. 1993: 58) on Ilcamus verbs, a sub-dialect of the North Maa dialect, D. Payne discusses five major divisions of Maa verbs. Below is a summary of the divisions with reference to the Ilkeekonyokie subdialect of Narok Dialect.

Table 1. Verb types

	Description	proximate i.eu(n)	ventive i.e. –u(n)	progressive i.e. -ita / -ito)	perfective i.ea(k) / -o(k)	Examples
Totally stative verbs	they describe a situation with no beginning or end point in view.	-	-	-	-	atá 'have' tii 'be' ishú 'live'
Inchoative- stative verbs	Envision the possible entrance into a situation or state.	-	-	-	+	rók 'black' mé 'pain' nyór 'love' yioló 'know' dó 'be red'
Action verbs	they are atelic and do not particularly focus on either the beginning or ending point of the action.	+	+	+	+	shír 'cry' 16 'go' 6k 'drink' dól 'see' 1ép 'milk'
Totally terminative Verbs	have an irrealis or future sense in their bare form	+	+	+	+	aár 'kill' aımín 'get lost' aiputukúny 'frightened'
Gradual termination verbs	focus on the ending phase of the action	-	-	+	+	aishíó 'give birth' akɛnyú 'sun rise'

**Key**: + means 'has'

- means 'does not have'

## **Morphosyntactic Properties of Nominalized Verbs**

## Number and Gender Marking

Most nouns in Maa are no self standing nouns except for proper nouns like Pita, Jon, and some other exceptional words like  $kvl\acute{\epsilon}$  'milk'. Nouns usually have prefixes and suffixes marking class, number or possession, etc.

Maa noun phrases occur in one of two genders: masculine/augmentative, or feminine/diminutive (includes the Place Gender). Gender can also be used by the speaker to indicate that what he/she is referring to is small/female, large/male, or pejorative. But in most cases the pejorative sense takes the feminine gender marker. The gender prefix is present when a noun is spoken in isolation or as a part of a whole phrase. But the prefix disappears when the noun is preceded by a demonstrative.

For Masculine/Augmentative Gender Prefix (MGP), there are two categories, namely:

- a). MGP A (where the prefixes are ol-/ol- for singular and  $il-/\iota l-$  for plural.).

  This category appears before vowels a, o and consonants b, c, d, g, j, k, m, n, (ny), n, p, t, w
- b). MGP B (where prefixes are o-/o- for singular and  $i-/\iota-$  for plural). This category appears before vowels e, i, (u) and consonants l, s, r, y

For Feminine/Diminutive (including Place) Gender Prefix (FGP), there are four categories, namely:

- a). FGP A (where the prefixes are  $e-/\varepsilon-$  for singular and  $i-/\iota-$  for plural). This category appears before vowels like a, i, o, u and consonants 1, m, n, ny, ny, ng, r, s, w, y
- b). FGP B (where the prefixes are  $en-/\varepsilon n-$  for singular and  $in-/\iota n-$  for plural). This category appears before vowel a and consonants c (ch), d, g, j, k, t
- c). FGP C (where the prefixes are  $em / \epsilon m -$  for singular and  $im / \iota m -$  for plural). This category appears before bilabial plosives like, p and b.
- d). FGP D (where the prefixes are  $enk / \epsilon nk$  for singular and  $ink / \iota nk$  for plural). This category appears before vowels a, o,
- e). FGP E (where the prefixes are eng-/ɛng- for singular and ing-/ɪng- for plural). This has only been found before the word ɛng-árrì 'car'

In summary, they appear as below:

Table 2. Gender prefixes

		Singular	Plural	Preceding
Masculine		01-/01-	i1-/11-	vowels $a$ , $o$ consonants $b$ , $c$ , $d$ , $g$ , $j$ , $k$ , $m$ , $n$ , $(ny)$ , $n$ ,
	MCDD			p, t, w
	MGP B	0-/0-	i-/ı-	vowels $e$ , $i$ , $(u)$ consonants $l$ , $s$ , $r$ , $y$
Feminine				
(also Place)	FGP A	e-/ε-	i-/t-	vowels $a$ , $i$ , $o$ , $u$ consonants $l$ , $m$ , $n$ , $ny$ , $g$ , $ng$ , $r$ , $s$ , $w$ , $y$
	FGP B	en-/en-	in-/ın-	vowel $a$ consonants $c$ $(ch)$ , $d$ , $g$ , $j$ , $k$ , $t$
	FGP C	em-/em-	im-/ım-	consonants p, b
	FGP D	enk-/ɛnk-	ink-/ınk-	vowels a, o
	FGP E	eng-/εng-	ing-/ung-	the word árrì 'car'

The masculine particle ol-/ol- or o-/o- is used when the noun is known to be masculine singular and  $il-/\iota l-$  or  $i-/\iota-$  for masculine plural.

For example;

13. singular 
$$o$$
  $-1\acute{a}1\acute{e}$  'calves' pen' MSG -calves.pen plural  $\iota$   $-1\acute{a}1\varepsilon\iota a$  'calves' pens' MPL- calves.pens

The masculine prefixes may also be associated with largeness or strength, and the female with smallness or weakness.

For example;

14. large 
$$ol - ayioni$$
 'big boy' MSG- boy small  $enk-ayioni$  'small boy' FSG - boy

The feminine particles  $enk-/\epsilon nk-$ ,  $eng-/\epsilon ng-$ ,  $en-/\epsilon n-$ ,  $em-/\epsilon m-$  or  $e-/\epsilon n-$  are used for feminine singular and  $ink-/\iota nk-$ ,  $ing-/\iota ng-$ ,  $im-/\iota m-$  or  $i-/\iota-$  for feminine plural or when the gender is unknown.

For example;

15. singular 
$$\varepsilon nk - \acute{a}\eta$$
 'home' FSG -home

plural  $\varepsilon nk - \acute{a}\eta itie$  'homes' FPL- homes

16.	singular	<i>en –kíné</i> FSG- goat	'goat'
	plural	in - kinejí FPL-goats	'goats'
17.	singular	<i>e -wúéji</i> FSG-place	'place'
	plural	<i>i -wuejítin</i> FPL-places	'places'
18.	singular	εm -pόlos FSG- waist	'waist'
	plural	<i>im- pólòsì</i> FPL- waist	'waists'
19.	singular	em -bol-ét FSG - open -INSTR	'key'
	plural	<i>im -bol-étà</i> FPL-open-INSTR.PL	'keys'

There is one noun (others not yet identified) that has no gender prefix.

That is:

(but it triggers feminine forms in determiners, relative clauses etc)

Number in most cases is indicated on the prefix by the use of singular and plural prefixes as discussed above. In addition, plural may be derived from the singular by the addition of suffixes such as -i, -n, -ji, -tie, etc.

21.	singular	εn -káng FSG-home	'home'
	plural	ın- káng-itìè FPL- home-PL	'homes'
22.	singular	<i>en -kíné</i> FSG- goat	'goat'
	plural	<i>in -kine-jí</i> FPL- goat -PL	'goats'
23.	singular	εm -pákà FSG- cat	'cat'
	plural	ı <i>m− páka −í</i> FPL- cat -PL	'cats'
24.	singular	εm -bártá FSG-horse	'horse'
	plural	ιm -bártâ-n FPL-horse -PL	'horses'

In addition to the change of the prefixes, there are other nouns that will have their stems changed as well as having the suffixes added to mark pluralism

For example;

25. singular 
$$olling 1 - dia$$
 'dog' MSG-dog  $mlore 1 - die$  -in 'dogs' MPL-dogs -PL  $mlore 26$ . singular  $olling 1 - benie$  'bag' MSG-bag  $mlore 1 - benie$  'bags' MPL-bags -PL

27. singular 
$$\varepsilon n - d\acute{a} \grave{a}$$
 'food' FSG-food plural  $\varepsilon n - dai - k\acute{1}$  'foods' FPL-foods -PL

Other nouns will have their last syllables changed to mark pluralism. There are some that will have the vowel on the last changed as in 28 or the whole syllable changed to a single consonant as in 29.

#### For example;

28. singular 
$$ollingtrian 1 - tunani$$
 'person' MSG-person

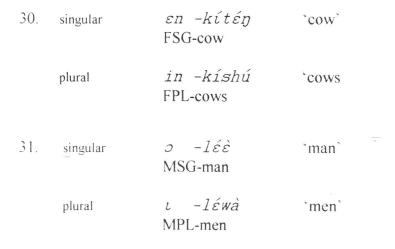
plural  $ullingtrian 1 - tunani$  'people' MPL-people

29. singular  $enlingtrian 1 - kaina$  'hand' FSG-hand

plural  $enlingtrian 1 - kaina$  'hand' FPL-hands

Other nouns will have their stems replaced by others, a process called suppletion.

### For example;



32. singular

plural

en- kérr FSG-sheep.SG 'one sheep'

ın-taré

'several sheep'

FPL-sheep.PL

The singular may also be derived from the plural by the addition of a suffix like -i, -a,

-o, etc.

#### For example;

33. singular

ol -dung-óti MSG-cut - NML.SG 'chunk'

plural

-dung - ót MPL-dig -NML.PL 'chunks'

34. singular ε -lúkúny - á

- SG

'head'

plural

ı - lúkúny MPL-heads

FSG-head

'heads'

35. singular

ol - túr -ótó MSG-dig -NML.SG 'dam'

'dams'

il - tur-ót

plural

MPL-dig -NML.PL

36. singular

plural

εm -bát-á FSG-sides - SG 'side'

ım-bát

'sides'

FPL-sides

#### **Action Nominalization**

There are two forms of action nominalization which are similar in that they both nominalize action verbs but are different in their application.

- -ata or -oto suffixation
- -arε or -ore suffixation

#### -ata /-oto Suffixation

The suffix -oto or -ata occurs exclusively on action verbs and not stative verbs, referring to particular actions. -oto occurs on +ATR verb stems, and -ata occurs on -ATR verb stems.

In addition to the nominalization suffix (-oto/-ata), these nouns take a feminine gender prefix. Class II verbs take a FSG D prefix. Class I verbs take either FSG A, FSG B, FSG C or FSG E prefix depending on the kind of consonant or vowel that follows them (onset of verb stem).

For plurals, the verb stems take the feminine plural prefix and the suffix -oto or -ata will drop the last vowel to appear as -ot or -at.

For example;

37. Singular 
$$e -l o(t) - o t o$$
 The going' FSG-go -NML .SG

Plural  $i -l o(t) - o t$  The going' FPL- go -NML.PL

38. Singular  $e -m i r - a t o$  The selling' FSG-sell -NML.SG

Plural  $e -m i r - a t o$  The selling' FPL-sell -NML.PL

-NML.SG

39. Singular

εnk-ínόs-átá

'The eating.'

Plural

ınk-ínós-át

FSG -eat

'The eating.'

FPL - eat -NML.PL

40. Singular

enk-ítík-ótó

'The crushing'

FSG- crush -NML.SG

Plural

 $ink-itik-\acute{o}t$  FPL -crush -NML.PL

'The crushing'

#### -arε /-ore Suffixation

The suffix  $-ar\varepsilon$  /-ore has a more general application. The derived nouns with this suffix are not inflected for plurality.

For example;

41.

em-púrr-òrè

'stealing'

FSG-steal -NML

42.

εm-bárn-àrὲ

'shaving'

FSG-shave-NML

The -arέ/-ore suffixation does not occur on the following:

- stative verbs
- action verbs in the inceptive or ventive forms

43.

\* εm-bórr-árε FSG -calm -NML

'calmness'

\* en -dúŋ-u

'cutting'

FSG-cut -VENT-NML

45.

44.

\*  $\epsilon$ m -búl-ú(n) -órè

'growing'

FSG-grow-INCEPT-NML

## Stative Nominalization (-an/-on) Suffix

Stative verbs take the suffix -an or -on as their nominalizers which has the general application as in -are /-oro above. They do not have plural forms.

For example;

There are some irregular stative verbs where the suffix is -ri as in 50 below:

## **Argument Nominalization**

## Agent Marking

In addition to the gender marking, a verb stem takes a suffix as a nominalizer, either -oni or -ani for singular and -ok or -ak for plural to refer to the agent. It mostly occurs on action verbs.

For example;

51. singular

ol -áún-ònì

'the person who plants'

MSG-plant-AG,NML

plural

il -aun-ók

'the people who plant'

MPL-plant-AG.NML.PL

52. singular

ol -ár-ànì

'the person who kills'

MSG-kill -AG.NML

plural

il -ar-ák

'the people who kill'

MPL-kill -AG.NML.PL

## Instrument Marking

Instrument nominalization is marked by adding the suffix -et or  $-\varepsilon t$  on singulars and  $-\varepsilon t a$  or  $-\varepsilon t a$  to plurals.

For example;

53. singular

εn -ar-έt

'weapon'

FSG-kill-INSTR.SG

plural

ın -ar-έta

'weapons'

FPL- kill-INSTR.PL

54. singular

ol -wuas

 $-\dot{arepsilon}t$ 

'a type of arrow'

MSG-shoot.an.arrow-INSTR.SG

plural

ıl -wuas

-έtà

'type of arrows'

MPL-shoot.an.arrow -INSTR.PL

## Patient Marking

The prefix relative marker o- for singular and oo- for plural, aspect marker, the perfective morpheme -o(k)/-a(k) and the passive -i or -i (if the Agent is not specified) marks patient nominalization when referring to the action that has already affected the patient. Patient plural is always marked on the relativizer.

For example;

55. singular 
$$olling - olling - olling$$

The nominalized verb will have the same properties except the aspect marker is absent when referring to an action that is yet to affect the patient, and the suffix passive will be -i or -i

For example;

57. singular 
$$oI-o-un-i$$
 The one who will be planted' MSG-REL-plant-PASS

plural  $iI-o\acute{o}-un-i$  The ones who will be planted' MPL-REL.PL-plant-PASS

58. singular  $oI-o-ar-i$  The one who will be killed' MSG-NML-kill -PASS

plural  $iI-o\acute{o}-ar-i$  The ones who will be killed' MPL-REL.PL-kill -PASS

#### **CHAPTER 4**

#### DERIVING NOUNS FROM ADJECTIVES

## **Structural Properties of Adjectives**

One major function of adjectives in a noun phrase is to specify some property of the head noun of the phrase i.e. they modify nouns. As modifiers of nouns, adjectives have two different uses namely, attributive and predicative uses. In the attributive use the adjective is within the noun phrase, but in the predicative use it is not. These uses are distinguished by word order and by tone pattern on the noun.

In the attributive use, the adjective follows the noun as follows:

1

In the predicative use, the adjective precedes the noun as follows:

# Morphosyntactic Properties of Nominalized Adjectives

Maa nominalized adjectives exhibit the same properties as other nouns.

- 1. They can take the gender and number prefix and can change form according to number. This will be discussed in the next sub-topic, 4.2.1.
- 2. They occur after the auxiliary verb  $a-r\acute{a}$  'be'. Since both adjectives and nouns do not directly inflect for subject, the (-ra) 'be' verb which can take subject agreement is added when the subject is pronominal. The verb 'be' precedes the adjective.
- They can not be directly negated. Neither adjectives nor nouns can be directly negated.
   The negative marker is attached to the 'be' verb.

#### Gender and Number Marking

Gender marking in nominalized adjectives as in other nouns occurs in one of two genders: Masculine/Augmentative or Feminine/Diminutive (including Place). Gender can also be used by the speaker to indicate that what he/she is referring to is small/female, large/male, or pejorative. They tend to lose the gender/number prefix (as in 59-62 above) when they are qualifying a noun, but take a prefix when they take the place of a noun in a sentence. Inflection for plurality is irregular.

The Masculine/Augmentative will appear as follows:

63. singular o -súpàt

'the good one'

MSG-good

plural i -supát-i

MPL-good -PL

'the good ones

64. singular o -rónká-í 'the slim one'

MSG-slim -SG

plural  $i - r\acute{o}nk\acute{e} - n\acute{i}$  'the slim ones'

MPL-slim -PL

65. singular ol -minan - i 'the deaf one'

MSG-deaf -SG

plural il -minan - ta 'the deaf ones'

MPL-deaf -PL

The Feminine/Diminutive (also place) will appear as follows:

66. singular  $\varepsilon n - k \varepsilon r \varepsilon r \varepsilon$  'the slovenly one'

FSG-slovenly

plural *in -kerere-ní* 'the slovenly ones'

FPL-slovenly -PL

67. singular  $\varepsilon n$ -dápásh 'the broad one'

FSG-broad

plural  $\iota n - d\acute{a}p\acute{a}sh - \acute{i}$  'the broad ones'

FPL-broad -PL

#### Other Forms of Derived Nouns from Adjectives

So far we have discussed derived adjectival nouns and their similarities with the ordinary nouns. These kinds of nouns refer to particular individuals who have the characteristics referred to in the adjectives. For example, in (66) above, the person referred to as  $\epsilon n - k \epsilon r \epsilon r \epsilon$  'the slovenly one' is a person who is  $k \epsilon r \epsilon r \epsilon$  'slovenly'.

In this section I would like to discuss some other nominalized adjectives that have a general application, not referring to any particular individual. These nouns have feminine gender prefixes and varied suffixes. They can not be inflected for plurality.

For example;

68. 
$$\varepsilon nk - \acute{a}m\acute{i}n\acute{i}n - \acute{o}$$

'thankfulness' (no plural form)

FSG-generous-NML

69. 
$$\varepsilon nk - \acute{a}rruo(n) - isho$$

'wickedness'

FSG -wicked -NML

Some adjectives do not inflect for suffix nominalizers.

For example;

'quietness'

FSG-quiet

#### **CHAPTER 5**

# DISTRIBUTIONAL PROPERTIES OF NOMINALIZED VERBS AND NOMINALIZED ADJECTIVES IN SENTENCES

As we have seen previously under the sub-topic 4.1, adjectives have got two uses namely, attributive and predicative use. In the attributive use the adjective is within the noun phrase, but in the predicative use it is not. These uses are distinguished by word order and by tone pattern on the noun. In the attributive use, the adjective follows the noun while in the predicative use it precedes the noun.

Where both subject and object adjectival phrases both occur, a verb phrase begins the sentence followed by the subject preceding the object. (This is in accordance with the Maa word typology, VSO)

For example;

'It is the good person who forgave the wicked person'

Just like nominalized adjectives, nominalized verbs, whether subject or object follow the verb. Sometimes this rule is violated and the object precedes the subject. The fundamental difference between the subject and object is marked by tone even if the word typology is altered (as shown in 72 and 73 below).

For example;

72. e -tu -dúmú-á ɔl-áŋór-óní e -rem-ét FSG-PFV-pick.up-PFV MSG-shoot-AG.NML FSG-stab -INST

'The shooter has picked up the spear'

73. e -tu-dúmú -á e -rem-ét ol -áŋór-óní FSG-PFV-pick.up-PFV FSG-stab -INST MSG-shoot -AG.NML

'The shooter has picked up the spear'

The possessive follows the nominalized verbs or nominalized adjectives and agrees with it in gender and number.

For example;

74. en-dúŋ-ótó ai ná -wò FSG-cut-NML mine.SG F.REL-bleed

'It is my cut that is bleeding'

75. en-torrónô inó ná -ínyal-á FPL-bad your.SG F.REL-destroy-PFV

'It is your bad one who has destroyed it'

The numbers normally follows the nominalized verbs or adjectives. The numbers 1,2,3,4,7, 9 are affected by gender.

For example;

76. *ol -túr-ótó obô e -tíí ɛnk-árè* MSG-dig -NML one.M FSG-have FSG -water

It is one dam that has got water in it'

77. en -tém-átá nabo é -ιm-á οl -a -ŋen -í FSG-test -NML one.F FSG-pass-PFV FSG-NML-clever-PASS

'It is one exam that the clever person has passed'

Demonstrative pronouns are grouped into two categories: the ones that are concerned with distance from the speaker and the ones for reference. Where you will only have the noun and the pronoun, the latter follows the former.

For example;

- 78. *ol* -a -ι búŋ-anì ε l έ 'this is the one who catches' MSG-NML-catch -NML this
- 79. ol -a -ıbúŋ-anì lıdô 'that is the one who catches' MSG-NML-catch -NML this

In a sentence where you have more than three words, the demonstrative pronoun occurs at the sentence initial. The nouns lose their gender prefix when they are preceded by demonstratives.

For example;

- 80. ɛlé a -ırrít(a)-anì ó -írrıtá in -kíshú this NML-look.after -NML M.REL-look.after FPL-cows

  'This is the herder who looked after cows'
- 81. Iidô a -irrít(a)-anì ó -írritá in -kíshú that NML-look.after -NML M.REL -look.after FPL-cows

  'That is the herder who looked after cows'

There are two prepositional particles  $t\varepsilon$  'to/with/for/in' and  $\delta$  'and' that appear before or between nominalized verbs or adjectives. The particle  $\delta$  does not change gender or number but is always elided before the singular gender prefix.

For example;

82. *ol* -a -ιrrít(a)-ànì ό εnk-aún-ònì
MSG-NML-look.after -NML and FSG-plant-AG.NML

'a shepherd and a planter'

The particle  $t \varepsilon / te$  behaves like a prefix before nouns.

For example;

83. te rémèt 'with/by the spear' with spear

#### CHAPTER 6

#### SUMMARY AND CONCLUSIONS

Derivational Morphology concerns the process of forming new word shapes according to a fairly regular pattern on the basis of pre-existing words, by the addition of minimal meaningful units that may constitute words or parts of words thus forming new words. Nominalization is the formation of nouns from verbs or adjectives by this process.

Maa nominalized verbs and adjectives indicate grammatical gender, number and case. Case depends on the role a noun plays in the larger sentence, i.e. whether it is a subject or an object.

Maa grammatical gender refers to whether the nominalized verb or adjective belongs to the masculine, feminine or place class. Masculine gender (singular ol-, o-; plural ul-, u-) is normally used for things that are biologically masculine or large. Feminine gender (singular en-, eng-, enk-, em-, e-; plural in-, ing-, ink-, im-, i-) is typically used for biologically feminine and small items, or sometimes when a pejorative meaning is intended. There are other Maa nouns that are gender neutral, in that they can not take either a masculine or feminine prefix (e.g.  $kvl\acute{e}$  'milk'). Adjectives tend to lose the gender/number prefix when they are qualifying a noun, but take a prefix when they take the place of a noun in a sentence. Inflection for plurality is irregular.

Number is also prefixed on nominalized verbs and adjectives although they can not be explicitly distinguishable from gender marking.

The different kinds of suffixes depend on the form of nominalization i.e. whether it is action, instrument, patient, agent or stative. The suffix -oto or -ata occurs exclusively on action verbs and not stative verbs, referring to particular actions. -oto occurs on +ATR verb stems, and -ata occurs on -ATR verb stems. For plurals, the suffix -oto or -ata will drop the last vowel to appear as -ot or -at. The suffix  $-ar\varepsilon$  /-ore has a more general application. The  $-ar\acute{\epsilon}/-ore$  suffixation does not occur on the stative verbs and action verbs in the inceptive or ventive forms. The derived nouns with this suffix are not inflected for plurality. Stative verbs take the suffix -an or -on as their nominalizers which has the general application as in -are /-oro above. They do not have plural forms. Action verbs are also suffixed for agent by the addition of -oni or -ani for singular and -ok or -ak for plural. Instrument nominalization is marked by adding the suffix -et or  $-\varepsilon t$  on singulars and -eta or  $-\varepsilon ta$  to plurals. The prefix relative marker o- for singular and oo- for plural, aspect marker (tV), the perfective morpheme -o(k)-a(k) and the passive -i or -i (if the Agent is not specified) marks patient nominalization when referring to the action that has already affected the patient. Patient plural is always marked on the relativizer. The nominalized verb will have the same properties except the aspect marker is absent when referring to an action that is yet to affect the patient, and the suffix passive will be -i or  $-\iota$ 

Nominalized adjectives and verbs, whether subject or object follows the verb. Sometimes this rule is violated and the object precedes the subject, but the fundamental difference between the subject and object is marked by tone even if the word typology is altered. The possessive pronouns, the numbers, and demonstrative pronouns normally follows the nominalized verbs or adjectives. In a sentence where you have more than three words, the demonstrative pronoun occurs at the sentence initial. The nouns loose their gender prefix when they are preceded by demonstratives. There are two prepositional particles  $t\varepsilon$  'to/with/for/in' and  $\delta$  'and' that appear before or between nominalized verbs or adjectives. The particle  $\delta$  does not change gender or number but is always elided before the singular gender prefix. The particle  $t\varepsilon$  behaves like a prefix before nouns.

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## **APPENDIX 1- Verbs**

DERIVATION MORPHOLOGY OF NOUNS FROM VERBS

#### ado(r) v.is

1 tall

To be tall (e.g., of humans, many animals, trees)

2 be.long

To be long, horizontally extended (e.g., of snakes, or inanimate objects such as a stick or a length of tape)

enk-adóri unk-ádor Long distances

ol-óáádó *ul-óáado* The tall (e.g person, tree)

#### aku v.is

1 become To become

2 become possession To come to be a possession

ε-ákúnotó

ι-akunót

The becoming

ol-oáku *ul-oóakú*The one to be

## anaata v

Should

#### any v

1 wait for
To wait for something
2 keep.back
To hold in readiness: to keep back
3 ambush
To ambush

4 lurk
To lurk
ol-aány-ani
ι l-aany-ák
The one who waits; the waiter
ε-any-ata
ι-anyát
The waiting
ε-anyarε
ι-anyaritín
The waiting

ol-aany- $\hat{\iota}$   $\iota$  I- $\partial$  a a y- $\hat{\iota}$ The one to be waited for To do the waiting

#### any v.a

1 deny
To deny
2 refuse
01-aány-ani
11-aany-ák
The person who refuses or deny
ε-ány-átá
1-any-át
The refusing; denying
ε-ányárέ
1-anyaritín
The refusing

ol-aany-ί ι*l-oaany-ί* 

#### any v hold.ready

1
To hold in readiness, to keep back
2
To keep back
ol-aány-ani
ιl-aany-ák
The person who holds in readiness
ε-ányátá

ι-anyát
The holding in readiness
ε-ányárέ
ι-anyaritín
The holding in readiness

ol-aany-í  $\iota I-oaany-í$ The person you are holding something for (e.g milk for warriors when they come out of the bush)

1 To do the waiting 2 To keep in readiness

## anyıt v.s respect

To respect
ol-áyányıt-ani
\(\begin{align\*} \lambda I - ayanyı t - \hat{a}k \\
\text{The respector} \(\epsilon - \hat{a}nyıt - ata \\
\begin{align\*} \lambda - anyıt \hat{a}t \\
\text{The respecting} \(\epsilon - \hat{a}nyıt + are \\
\begin{align\*} \lambda - anyıt \hat{a}rit \hat{i}n \\
\epsilon \hat{a}nyıt \\
\end{align\*} \text{tink} - \hat{a}nyit \hat{i} \\
\text{respect (n)} \end{align\*}

ol-oyányıt-ı *il-oóyanyıt-í*The respected
To be respectful

#### anyu v wait

To wait for, to wait ol-aanyú 
ιl-aany-ák
The waiter; the person who waits \_\_ ε-ányátá, ε-anyunotó 
ι-anyunót
The waiting for

ε-anyunét, εnkítaanyunét Something to make you wait for something else

ol-aany-í *tl-oaany-í*The waited

To do the waiting

## ap v

1

pregnant.before.circumci sion

To become pregnant before cricumcision

2

give.birth.before.circumc

To give birth before

circumcision
To be fv:°n-táápáí v.mid

en-táápáí

ın-táapa

The one who has gotten pregnant before circumcision

ε-ápátá

The getting pregnant before

circumcision

ε-áparε

ol-aapúnı

ι1-ວаарύπι

The one to be born out of pregnancy before circumcision

#### ar v

1 beat

To beat with intention of correcting

2 Physically.harm

3 kill

Kill 4

Extinguish

5

make dysfunctional

ol-ár-ani

ıl-ar-ák

The killer

εn-árátá

ın-arát

The killing εn-áráré

ın-araritín

The killing; war; battle

εn-árà

war, fighting, battle

εn-arέt

weapon

ol-aar-í

ιl-páar-í

The one to be beaten; killed To do the killing, beating

## ararí v keep.to.side

To keep to one side eárárotó

#### arriyia v be.skillful

To be skillful
ol-áutáárriyian-

ıl-aıtaarriyí-ák

The instructor

enk-ıtaarriyian-

ata

ınk-ıtaarriyianát

guidance; instruction

enk-utaarriyianare

ınk-

#### ıtaarriyianaritín

The guidance; instruction enk-árríyíánó skillfullness enk-utaarriyianet ol-oitaarríyianu

ιl-oʻotaarriyianί

The one to be instructed To do the guiding, instruction

#### as v.a do

To do
ol-oás-ani
ιl-aas-ák
worker
ε-ásátá
enkiaás

inkiaasîn

works; acts

e-asét

ι-asέta

instrument for working

ol-oitáaas-i

ιl-οόίtaas-ί

The one to be done to

To work

## asakino v.mid.pl

work.together

To work together or for each other

ol-óáásákinoni

ıl-əaasakinók

The one to do to each other

ε-áásákínotó

ı-asakinót

The doing for

ol-paasákini

ιl-⊃aasakıní

The one to do to

#### ata v

1 have

To have

2 own

To own

3 exist

To exist

ol-oáta

*il-oáata*The one who have

ε-átá

The having

#### ba v

1 reach

To reach

2

Comparative verb: to be as X

as (eg, to be as big as)

ol-obâ

ιl-oobâ

The one who is as big as...

## baiki(n) v

1 suffice

To be sufficient, to suffice

2 reach

To reach 3 visit To visit 4 happen To happen ol-obáík-u ι1-οόbaιk-ί The one to visit em-báíkínotó ım-baikinót The reaching εm-báíkinore um-baikinoritín The reaching em-báíkínét ım-báíkineta A gift to somebody you visit ol-obáíkunu ıl-əóbalkıní The one to be visited

## bak v heal

ol-abáanì  $\iota \, I - aba - \acute{a}k$ healer, doctor  $\epsilon$ m-báátá  $\iota \, m - ba\acute{a}t$ The healing  $\epsilon$ m-báár $\acute{\epsilon}$ The healing
ol-obak- $\acute{\iota}$   $\iota \, I - o\acute{o}bak - \acute{\iota}$ The one to be cured, healed

## bar v

To increase
2 profit
To profit
3 tend
To keep
6 preserve
To preserve
7
To breed stock
8 rear
To rear

ol-abár-ani

ıl-abar-ák

1 increase

The carefull

em-bárákínotó

\taum-barakinót

The carefullness

em-bárare

em-bárákínét

The instrument to make someone careful

ol-abarákını

\tau1-oóbarakini

The ones to be carefull for

To give a [person a] name in

# barn v.a

the embarnoi ceremony 2 shave To shave something or someone Maasai name for the Aberdare Range in Kenya, west of Mt. Kenva ol-abárn-ani ıl-abarn-ák The shaver em-bárnátá. embárnótó ım-barnát, ımbarnót The shave εm-bárnarε ım-barnaritín The shaving ol-barnét ιl-barnέta The lamb to be slaughtered at the naming ceremony The instrument for shaving ol-obarn-í ı1-⊃óbarn-ı

#### batát v make.fall

The one to be shaved

To do the shaving

To make something fall down ol-obatát  $\iota I$ -oóbatát
The one to make it fall

Em-bátát-ata

\[ \mu - batatát \]

The fall

\[ \mu - batatar \varepsilon \]

\[ \mu - batatar \varepsilon t \]

\[ \mu - batatar \varepsilon t \]

\[ \mu - batatar \varepsilon t \]

\[ \mu - \sigma batat \varepsilon t \]

\[ \mu - \sigma batat \varepsilon t \]

\[ \mu - \sigma batat \varepsilon t \]

The one to be fallen

To do the falling; to make people fall

## bau(n) v

1 arrive.here
To arrive here
2 arrive towards speaker
To arrive towards speaker
ol-obáú
v1-oóbau
The one to arrive
em-báúnotó
vm-baunót
The arriving

#### baya v

l arrive.there
To arrive there
2
arrive.away.from.speaker
To arrive away from speaker
ol-obáya  $\iota l-o\acute{o}bay\acute{a}$ The one to arrive  $\epsilon m$ -bárotó  $\iota m$ -barót
The arriving at

## bayíé v be.last

To be last, e.g., last in line, last day of the week, a last farewell, a final warning people on either end of a line ol-obayíé  $\iota 1-o5bayie$  The last one

#### bayú v become

To become ol-obávu ι1-οόbavú The one to become

#### bεbέk v be.thin

To be thin, flimsy (material), spar e in thickness (ie, hair; gras suitable for grazing by goats and sheep, but not by bigger animals such as cows); to be diluted/watery (liquid) ol-óbébék ι1-οόδεδεκ The thin εm-bebékì Thinness

#### bel v

1 break.off To break into pieces, break off (i.e., to drop a crate, chip a tooth, break rocks with an axe) 2 fight To fight álábêl ıl-əəbêl The one to break off em-bélátá ιm-bεlát The breaking off em-belátì ιm-bεlát A piece that broke off em-béláré ιm-bεlaritín

em-belét ιm-bεlέta An instrument to break ol-obel-í 11-pobe1-i The one to be broken off To do the breaking

The breaking off

## bik v.a

1 last

To last, to endure 2 stay To stay, remain 3 reside To reside ol-abíkoni, olobîk ıl-abikók, iloobîk The one who will stay; endure em-bíkótó im-bikót The stay em-bikét Something to make someone ol-oitóbiki il-oóítobikí The one to be made to stay

#### biri v sip

1 To sip To eat cautiously ol-obír-u ι1-οόbιr-ί The one who sip, eat cautiously ol-obírî ıl-əóbirî The one who is discarded

## bó v

1 extract.teeth To pull, extract To extract incisor teeth ólóbô 11-pobô The one who remove teeth ol-obóu ιΙ-οόbοι

## bobol- v hang.on

To hold to with difficulty 2 wrestle To wrestle with force ol-ábólbol-ani

ıl-abəlbəl-ák The wrestlers em-bolbol-ata ım-bolbol-át Wrestling em-bolbol-are ım-bəlbəl-aritín wrestling ol-obol-bólu ı1-əóbə1-bə1-ı To do wrestling

#### boín v

change.direction

To change direction of something v.mid change.direction To change direction ol-oboín ιl-οόbοίn The one to change direction εm-bόίn-ata ım-b⊃ınát The change of direction em-bóinare ım-boınaritín The changing of direction em-boinét ol-oboíni ıl-əábəini The one to change direction to To do the change of direction

#### boitarέ ν together.with

To be with ol-obóítars il-oóboitarέ The one to be with εm-bóíta um-boitatín Being together ol-oboitáreki il-oóboitáreki The ones to be with

#### bol v.a

l open
2 uncover
To open, to uncover
ól-óbôl, olabóloni
il-oobôl, ilabolók
The one who will open
em-bólótó
im-bolót
The opening
em-bólore
im-boloritín
The opening
em-bolét

#### bol- v hold.mouth

The one who will be

im-boléta

To do the opening

ol-obolí

opened

kev

To hold a cow or other animal by the mouth ol-abol-ani  $\iota l$ -abol-ak one to twist cow by mouth  $\epsilon m$ -bólátá  $\iota m$ -bol-át twisting of the cows mouth  $\epsilon m$ -bólar $\epsilon$   $\iota m$ -bol-aritin twisting of the cows mouth ol-obol- $\iota$   $\iota l$ -oóbol- $\iota$  The ones to be twisted

# boloki(n) v

1
To open for
2
To reveal to
ol-obolókì
i1-oóbolokí
The ones to open for

em-bólókínotó

im-bolokinót
revelation
em-bólore
im-boloritin
opening
em-bólókínét
an instrument for revealing
ol-obolókini
il-oóbolokiní

The ones to be opened for

## boloo v let.out

To let cows, etc. out ol-obolóo il-oóbolóo
The ones to open for em-bólórotó im-bolorót
The letting out em-bólore im-bolorót
The opening ol-obolóri il-oóbolorí
The one to be let out

## bolú v open.towards

To open towards
ol-obolú
il-oóbolú
one to open for
em-bólúnotó
im-bolunót
Revelation
ol-obolúni
il-oóboluní
one to be opened for

## bor v cut

1
To cut skin or leather
To cut leather precisely, e.g.
for fixing a shoe.
ólóbór
tl-oobôr
The one who will cut the skin
em-bórátá
tm-borát

The cutting of a skin sm-bórars \(\textit{tm-boraritín}\)
The cutting of a skin sm-borét \(\textit{tm-boréta}\)
An instrument used to cut skin ol-obor-\(\textit{t}\)
The one (skin) that will be cut To do the cutting of the skin

#### bor v be.calm

To be calm, quiet, docile ol-obór  $\iota 1$ -obór
The calm, gentle  $\iota$ -borón calmness, gentleness

#### bor v injure

To injure
To hit or crack something hard, e.g. a cow's head.
ólóbór  $\iota 1$ -oobôr
The one who will injure the

The one who will injure the head

em-bórátá

ım-bərát

The place of the head that is injured

em-bórare

ım-bəraritín

The injuring of the head

em-borét

ım-bəréta

An instrument used to injure on the head

ol-obor-í

ιl-οόbοrι

The one who will be injured on the head
To do the injuring of the head

#### bore v be.full

To be full em-boréí im-boreitin
fullness
ol-obórè
il-oóboré
The one who is full

#### buak v.a

1 shout To emit a loud noise like shouting or barking 2 bark To bark or moo ól-óbúàk il-oobúàk The one who will shout em-búáátá im-buaát shouting em-búááré The shouting ol-obuaákını il-oóbuaakı.ní. The one to be shouted to

## buk v pour

ol-oibukóo
il-oíbukóo
The one who will pour
enkíbúkórotó
inkibukorót
ol-obukókini
il-oóbukokiní
The one to be poured to

## bukoki(n) v pour

To pour in or on
To pour out
ol-obukóki
il-oóbukokí
The one to pour in or on
em-búkókínotó
im-bukokinót
The pouring in or on
em-búkókínét
im-búkókínét
im-búkókineta
An instrument for pouring in or on

ol-obukókini *il-oóbukokiní* The one to be poured to

## bukú v pour.out

To pour out
To pour away
I keep on pouring
ol-obukú
il-oóbukú
The one to pour out
enkíbúkórotó
ol-obukókini
il-oóbukokiní
The one to be poured out to

bul v

1 pierce To pierce 2 tear.out To tear out 3 prod To prod? ól-óbûl i 1-00bû1 The one to pierce em-búlótó im-bulót The piercing em-búlore im-buloritín The piercing ol-obulí il-oóbulí The one to be pierced to do the piercing

#### bul v.a

l increase
To increase, get well
2 flourish
To flourish, prosper, get rich
3 grow
To gro
sm-búlátá
tm-bulát
prospering
616bûl
tl-oobûl

The prosperous

#### bulu v

l grow
To grow physically (of humans, animals, trees)
2 sprout
To sprout
em-búlúnotó
im-búlunót
The growing up
ol-obulú
tl-oóbulú
The one to grow

#### cεt v

1 build
2 plait
To build, to plait
616shét
11-00shét
The one to build
en-cétátá
1n-cetát
The building
en-cétáré
01-0shet-í
11-00shet-í
The one to be plaited his/her hair

#### CO v straight

To be straight ol-oshô il-oósho, il-óshòn

1
a person sitting or standing upright
2
a tribe; a community

#### cuk v

1 bend To bend 2 To return/take something back

ol-oshûk il-oódalá enk-ítádámúnét il-ooshûk The player something to remind someone something The one to take something εn-dála ol-odamún-ι hack un-dalaritín en-cúkótó ι1-ɔɔ́damun-ί A play, game incukót The one to be remembered The taking back en-cúkóré dam v turn.INF incukoritín dany v break 1 To break, burst, shatter, To turn ol-oshukí something swollen that breaks, 2 a container that breaks, glass il-oóshukí To slap v.mid break.INTR ol-odâm The ones to be taken back ólódány il-oodâm ıl-oodâny 7 The one to break daa v someone who slaps en-dánvátá 1 eat ın-danyát someone who turns something To eat The breaking en-dámátá en-dányáré To feed (intransitive) un-danyaritín ın-damát. ol-odáa The breaking 1 1.1-pódaá en-danyét The slapping The one to eat An instrument for breaking en-dáátá ol-odany-í The turning ın-daát ι1-oódanv-í en-dámáré The eating of The one to be broken ın-damaritín The slapping dal v.a danyu v split 1 scorch The turning To split To scorch or heat too hotly (of ol-odam-í. ol-odanyú the sun, or a fire) ι1-oódam-í. ι I-oódanyú 1 The one to break To disturb (of light). The ones to be turned en-dányúnotó εn-dálátá ın-danyunót ın-dalát The ones to be slapped The breaking The scorching en-danyét ol-odalú ιn-danyέta ıl-əádalu damu v remember Instrument for breaking ol-odanyún-u 1 The scorching sun To remember ι1-oódanyún-ί 2 The one to be broken out January To think ol-odâl Thought ıl-paadâl ol-odamú dar v The one to be scorched ι1-ວວ໌damú 1 make.loud.noise The one to remember To make a loud noise en-dámúnotó dala v play 2 thunder ın-damunót To thunder To play thought

ol-odála

ólódár

ıl-əədâr

#### das v milk.a.cow

To milk cow into mouth ólódâs  $\iota I$ -oodâs
The one milk cow into mouth  $\varepsilon n$ -dásátá  $\iota n$ -dasát
The milking of cow into mouth  $\varepsilon n$ -dásáré  $\iota n$ -dasaritín
The milking of cow into mouth ol-odas- $\iota$   $\iota I$ -oódas- $\iota$ The one to be milked

#### de v shell

To shell
ol-adédi-ani  $\iota I$ -adedi-ák
The person who shells  $\varepsilon$ n-dádí-átá  $\iota n$ -dedi-át
The shelling  $\varepsilon$ n-dédiáré  $\iota n$ -dedaritín
The shelling

ol-oded- $\hat{\iota}$   $\iota$  1-oóded- $\hat{\iota}$  The one to be shelled

dεk v

2 insult
To curse, to insult
ol-adía-ani
ul-adia-ák
The one who curses
en-díátá
indiáát
The cursing
en-díáré
indiaaritín

The cursing

ol-dekét  $\iota I$ -dekéta Insult, curse ol-odek- $\iota$   $\iota I$ -oódek- $\iota$  The one to be insulted

#### der v

1 chatter
To chatter
2 chat
To chat
ólódêr
tl-oodêr
The one who can chatter
ol-derráti
tl-derrát
Chatter

## diaaya v curse

To curse on leaving, drive off by curses (??)
ol-odiáya
il-oódiáya
one to curse away
en-díárotó
indiaarót
The cursing away
ol-odiárt
ul-oódiar-ú
one to be cursed away

To climb 515dîr 11-20dîr The one to climb  $en-dirát\acute{a}$   $un-dir\acute{a}t$  The climbing  $ol-odir-\acute{\iota}$   $ul-o\acute{o}dir-\acute{\iota}$  The one to be climbed

# doiki(n) v

To dive into

To drop into

To drop into

To alight on
en-dóíkínotó
indoikinót
diving into
en-dóíkínét
indóíkíneta
something for diving into
ol-odóíki
il-oódoikí
one to dive into

## dol- v.a see

To see, behold ólódôl

il-oodôl

The one who can see en-dúátá

induaát

l
a vision
2
The seeing
en-dúáár é

induaaritín
The seeing
ol-odol-í

i 1-0 dol - iThe one who can be seen

dooyo v

To climb over
2 overflow
To overflow
3 visit.village.at.night
To visit a village at night
en-dóórotó
indoorót
The climbing over
ol-odoóyo
il-oódoóyo
one to climb over

## do(r) v.s be.red

To be red, prototypically bloodred. The precise shade is understood according to collocation, e.g. the color a white person turns when mad or embarrassed, the color of lipstick. To become red

1
The one (masc) that is red.

2
Tea without milk

3
The abyss or endless pit believed to exist at the furthest point under the earth

4

The place one talks about sending an item when it has died or when one is fedup with it. ol-odó

*i1-⊃⊃dô* 1 blood

2 The red one εn-dorón Redness

## dorú v

1 become red
To become red
2 rust
To become rusty
en-dórúnotó
indorunót
becoming red
ol-odóru

#### il-oódorú

#### dotu v take.out

To take out, to pull out en-dótúnotó indotunót
The pulling out ol-odotú il-oódotú one to pull out

#### dou v descend.towards

To descend towards
ol-odóú
il-oódou
The one to descent
en-dóúnotó
indounót
The descending
ol-odoikíni
il-oódoikiní
The one to be descended to

## doyio v

## descend.ACC To go down; drop down,

descend
ol-odóíki
il-oódoikí
The one to descend to
en-dóíkínotó
indoikinót
The descending to
ol-odóíkini

i1-oódoikiníThe one to be descended to

## dúá v taste.bitter

To be bitter in taste; to be sour ol-odúá
il-odúân

The one that is bitter

Bile
en-duarán
Bitterness

## dukenyá v hesitate

To hesitate
ol-odukénya *t 1-oódukenya*The one who is hesitant

# dumaá v sit.on.somebody's.seat

To sit on somebody's seat forcing him/her to stand 2
To pick up and carry off ol-odumáa

\[ \lambda - \cdot \frac{\downar}{\downar} \frac{\downar}{\do

## dumu v pick.up

To pick up

2 jump

To jump

3 lift

To lift

ol-odumú

tl-oódumú

The one to lift something up
en-dúmúnotó

indumunót

The lifting up
en-dúmáré
ol-odumúnt

tl-oódumuní

The one to be woken up

# dumunye v use.for.picking.up

To use for picking up ol-odumúnu  $\iota 1$ -oódumuní

The one to be picked up duŋ v.a 1 cut To cut into pieces, divide To cut into the surface of something To stop from flowing e.g water To stop from giving birth ol-adúnoni ıl-adunók The person who cuts en-dúnótó indunót 1 The cut 2

The cutting en-dunore indunoritín The cutting en-dunét indungéta something used to cut 2 conclusion ol-oduní il-oóduní The one to be cut en-dunón Appetite for meat especially by a woman during pregnancy To do the cutting

duŋoó v cut.off

To cut off
ol-oduŋóo
il-oóduŋóo
The one to cut off
en-duŋórotó
induŋoritín
ol-oduŋóri
il-oóduŋorí
The one to be cut off

dunu v cut.out
ol-odunú
il-oódunú
The one to cut off
en-dúnúnotó

indununót
The cutting off
ol-odunúni

il-oódununí
The one to be cut off

dup v affect

To affect

To affect

To purge

ol-adúp-ani

il-adup-ák

The one to affect

sn-dúpátá

in-dupát

Affection

sn-dúpáré

in-duparitín

The affecting

ol-odup-í

il-oódup-í

The one to be affected

dupá v be.effective

To be effective

2

To be efficient

3

To abound

εn-dúpátá

ιn-dupát

The effectiveness

ol-odup-ί

ι I-oódup-ί

one to be affected most

dut v choose

To choose, select choosing prefer ol-odutáa

ul-σόdutáa
The one to choose
εn-dútárotó
un-dutarorót
The choosing from
ol-odutá-ru
ul-σόduta-rí
The one to be chosen

dutaa v choose

To choose, to select ol-odutáá  $\iota I$ -oódutáa one to select  $\varepsilon$ n-dútárotó  $\iota n$ -dutarót The selecting ol-odutá-rí  $\iota I$ -oóduta-rí one to be selected

εέtà ν there.is

Existential and possessive verb; to have, to exist; there is ol-oáta  $\iota I-oóata$ The one who have

έk v weigh.down

1
To weigh down,
2
To be trouble
ό1όὲk

t1-οοὲk
The one to weigh down
ε-ἐάκάτά

tεκάτ
The weighing down
ο1-οεκ-ί
t1-οόεκ-ί
The one to be weighed down

έl v smear.oil

To smear oil, anoint ol- $\delta \epsilon l$   $\iota 1- \delta \epsilon l$ 

The one to anoint ε-έsεk-ata gelem v castrate ε-έálátá ι-εsεkát To castrate L-Elát The tricking ol-ogelém The anointing e-ésakare ιl-oógεlém ε-éáláré ι-εsεkaritín The one to castrate ι-εlaritín The tricking ε-ηέlεm-ata The anointing ol-osέk ι-ηεlεmát 3-13c-1c il-osekîn The castration ι1-οόε1ι A trick ε-nέlεmare The one to be anointed ol-oέsεkι ι-nεlεmaritín il-pássek-í The castration The one to be tricked ol-ogelému en v ι1-οόσε1επι 1 tie The one to be castrated To tie, bind, fasten gam v clamp 2 protect to clamp To protect with charms or ólógâm gεlύ v choose magic ıl-oogâm To choose, select out 3 plait The one to clamp ol-ogelú To plait v. mid en-gámátá ι1-οόgεlύ ın-gamát The one who will choose To be tied, bound, fastened The clamping ε-ηέlúnotó en-gámáré To be tied ritually or ι-ηεlunót un-gamaritín ceremonially against disease or Choosing illluck The clamping ε-ηέláré ólóên εn-gamέt ι-ηεlaritín -n-gam ta ιI-ວε̂n The choosing The one to tie ol-ogam-í ol-ogelúni ε-έnátá ιl-၁၁gamι ιl-οόgεlυπί The one to be clamped ι-εnát The one to be chosen To do the clamping The tving gel v sort The tie gil- v break \_ ε-έnáré ólógêl ι-εnaritín ıl-əəgêl To break something (e.g., slam The tving The one to sort a door and it breaks), to break oεnέt ε-nélátá a bone, break a heart ι-ηεlát (metaphorical), a tree branch An instrument for tving The sorting ε-néláré To fold cloth A vaccine ólógîl ι-ηεlaritín ol-oεn-ί The sorting 11-oogîl ι1-οόεη-ί ol-ogel-í The one to break The one to be tied up ε-ŋílátá ι1-οόgε1-ί The one to contribute (e.g. ι-ηι1-át money, cows) to The breaking sék v ol-ogelúni ε-níláré To trick ιl-oógεluní ι-ηιl-aritín ol-pések The one to be sorted out The breaking ι1-οόεsêk To do the sorting ε-nıl-έt The one to be tricked An instrument used to break

ol-ogul-i  $\iota I$ - $\circ \delta g \iota I$ -ione who can be broken To do the breaking

# gil-a v.mid get.broken

To be or get broken

ε-ŋίlátá

ι-ŋιl-át

The breaking
ε-ŋίlárέ

ι-ŋιl-aritín

The choosing
ε-ŋι-l-έt
ι-ŋιl-έta
An instrument
ol-ogιl-ί
ιl-oógιl-ί
one to be broken

#### gıl-u v

1 try.to.dominate
To try to dominate
2
To break from
ol-ogulú
ul-oógulú
one to break from
en-gílúnotó
in-gilunót
breaking from
ol-ogulú-nu
ul-oógulu-nú
one to be broken from

#### gira v.mid be.quiet

To be silent (for the moment, at least) (people, animals, events), to have a quiet manner (people)

2
To do slowly or listlessly ε-ŋίra
Quietness
οl-ogíra
ιl-oógirá

one who keeps quiet

## gogón v

1 stubborn
To be stubborn, arrogant (W)
2
To be hottempered (K)
3 be.agressive
To be agressive
en-gogóni
ingógon
stubborness
ol-ógógón
il-oógogon
one who is stubborn

#### gol v

1 hard strong
To be hard to the touch; not pliable
2
To be hardworking
en-gól-oto
ingolót
1
strength
2
Hardness
ol-ogól
il-oógolí
1
one who is strong
2
a log for putting into fire

## gol-onu v

To be disobedient, to be stubbom ε-ŋol-oŋứ Disobedience ol-ogol-óŋu ι1-oógol-oŋu one who is disobedient

#### gor v

1 strangle To strangle 2 choke

To choke ól-ógôr il-oogôr one who will strangle en-górótó ingorót strangling en-górore ingororitín The strangling en-gorét ingoréta An instrument for strangling ol-ogorí il-oógorí one who will be strangled

#### goro v.mid angry

To be angry, annoyed, upset en-góro anger ol-ogóro il-oógoró one who will be angry

#### guar v stop.raining

To stop raining v.mid
To cease raining, to have
stopped raining
ól-ógúàr
il-oogúàr
one who will stop raining
en-guarán
stop raining

## gueny v gnaw

l
To gnaw
2
To tear meat with teeth
en-gúényátá
inguenyát
gnawing
en-gúényáré
inuenyaritín
gnawing
en-guenyét
inguenyáta
An instrument for gnawing

ól-ógúèny
il-oogúèny
one who gnaws
to do the gnawing

#### gurruma v vomit

To vomit
ol-árrúgum-ani *ul-arrugum-ák*One who vomits

#### gut v be.deep

To be deep ol-ogút il-oogût one who is deep i.e he can eat alot en-gutón depth

# ubakubak v waste.time????, procrastinate????

To beat about the bush enk-ίbákıbak
Straying ol-olbakíbak
ι l-oólbakíb-ak
one who strays about

## ıbala v

be.conspicuous

To be conspicuous

εnk-ίbálátá

ιnk-ιbalát

conspicuousness

ol-οιbála

ιl-οόιbala

## ıbalunye v reveal

One who is conspicuous

To reveal
ol-oubálunyie
ul-oóíbalúnyie
One who reveals
ol-oubalunyíéki

ι1-οόίbalunyíéki
one who will be revealed

#### uba(r) v hate

ol-oubá

ul-oubá
one who hates
enk-ubá
ol-oubá-ú
ul-oúbau
one who is hated
To hate

#### ibart v watch.over

To watch over ol-oíbart  $\iota l-oóíbart$  one who watch over  $\epsilon nk-ibártát$  The watching over  $\epsilon nk-ibartar\epsilon$   $\iota nk-\iota bartar\epsilon$  The watching over  $\epsilon nk-ibartar\epsilon$   $\iota nk-\iota bartaritín$  The watching over ol-olbart- $\iota$   $\iota l-oóíbart\iota$  one who is watched over watching over

#### ibatisa v baptise

To baptise ol-oubatísa ιl-οόίbatísa one who baptises εnk-íbátis-ata ınk-ıbatisát Baptising εnk-íbátisarε ınk-ıbatisaritín Baptising enk-ibatísa Baptising ol-orbatísa-r ιl-οδίbatisá-ι one who is baptised To do the baptising

## ıbayu v

#### come.to.dislike

To come to dislike ol-oibáyu il-oóíbayu one who will hate enk-íbáyúnotó unk-ubayunót Hating ol-oibayúni il-oóíbayuní one who will be hated

#### ibel v rock

to rock
ol-óíbel
il-oóíbel
one who will rock
ol-oibelí
il-oóíbeli
one who will be rocked
to do the rocking

## ibelekeny v turn

1 To turn 2 alter To alter turn (intransitive) ol-orbelékenv ι1-οόίβε Ιέκεην one who turns enk-íbélékeny-ata ınk-ıbelekenyát Turning enk-íbélekenyare ınkιbεlεkεnyaritín Turning ol-orbelékeny-r ι1-οόίβε Ιεκεπν-ί one who is turned

## ibelibel v

rock.side.to.side

To rock from side to side ol-oibelibel

one who rocks side to side enkíbélibel-oto inkibelibelót. Rocking side to side enkíbélíbelore inkibelibeloritín Rocking side to side

ol-oibelíbeli il-oóíbelibéli one who is rocked To do the rocking

#### Lblbl v suck

1 suck to suck (fruit etc.) 2 suckle To suckle v To have suckled enk-íbíbíátá ınk-ıbıbíat suckling enk-ibibiare ınk-ıbıbıaritín Suckling ol-orbíbi ι1-οόίbιbι one who suckles To do the suckling

## ibiru v miscarry

To miscarry en-aibíru ın-aáíbiru one that miscarry enkibirunotó inkibirunót miscarriage ol-kíbírótó il-kibirót 1 The miscarried baby Miscarriage ol-oibirúni il-oóíbiruní one that is miscarried

#### ibok v hinder

To hinder, detain, prevent ol-óíbok il-oóíbok one that will hinder enkíbóótó inkiboót. Hindering enkíboore inkibooritín Hindering enkíbóórét. An instrument for hindering ol-oibokí il-oóíboki one to be hindered

#### ibon v

1 foretell

To do the hindering

To exercise the office of ritual expert: to divine, foretell. prophesy

2 treat

To exercise the office of ritual expert: to make medicine. dispense traditional medicine. treat ritually

To do witchcraft

ol-óíbon il-oóíbon

one that will treat ritually

enkíbónótó

inkibonót.

The treating ritually enkíbonore

inkibonoritín

treating ritually

ol-oiboní

il-oóíboni

one that will be treated ritually

εn-áíbón

witchcraft,

foretelling

to do the foretelling

#### iboo v block

To block ol-óíbok

il-oóíbok one that will block enkíbóótó inkiboót Blocking enkíboore inkibooritín ol-oibokí il-oóíboki one that will be blocked To do the blocking

#### ubor(r) v.s be.white

To be white To be the color of a mzungu (white person) 3 To be pale from sickness To be pale of sickness enk-lbórra ink-iborrarritín whiteness ol-óíborr ı1-⊃5íb⊃rr The white person

## ıborr onu v

promiscuous To be immoral, promiscuous enk-ibórra enk-onú εnk-ιbórra oó nkonyék immorality ol-óíbórr oŋu ıl-⊃óíbórr ⊃nyék A promiscuous person

## ubórr óshokè v

To be kindhearted εnk-ibórra ε óshokε εnk-ιbórra ε όίshuaa Kindheartedness ol-óíbórr oshoka

#### ιl-οδίβός δίςhuaa The kindhearted

## $\iota 1$ - $\circ \circ \iota bun \acute{a}r \varepsilon$ one to attach one self to

one to be spread
To do the scattering

#### ibukoo v

pour.away
To pour away
ol-oibukóo
il-oóíbukóo
one to pour away
enkíbúkórotó
inkibukorót
pouring away
ol-oibukóri
il-oóíbukorí
one to be poured away

#### lbun v catch

1

To catch To requisition To hold 4 seize To seize 5 touch To touch fish ol-óíbun ι1-oόίbun one to catch enk-íbúnátá ınk-ıbunát catching εnk-íbunarε ınk-ıbunaritín catching enk-íbúnét ιnk-ίbuŋεta Handle ol-orbun-í ι1-οόίbυη-ι one to be caught To do catching

# ubunare ν

To attach oneself to ol-orbúŋárε

#### iCir v cry

To cry
enk-íshírátá

<code>ink-ishirát</code>
Crying
ol-óíshir
<code>il-oóíshir</code>
one to cry
To cry to get people's attention especially for help

#### LCO v give

To give ol-aushóroni.oláíshóoroni ıl-aıshorók.ılalshoorók Giver enk-íshórotó inkishorót Giving enk-íshorore ınk-ıshəroritín Giving enk-íshóórotó ınk-ıshəərót ol-oushoók-u ιl-οόίshook-ί one that is given To give

## idapash v spread

To scatter, spread
ol-oldápash
ul-oóldapash
one to scatter
enk-údápash-ata
unk-ldapashát
The scattering
enk-údapashare
unk-ldapashare
unk-ldapasharitín
The scattering
ol-oldápashu
ul-oóídapashú

## ıdapıdap v

1 plod/tap To make plodding (?) movements (possibly in one position) with the palms of the hands or the soles of the feet 2 To flatten an item by repeated hitting or beating 3 To remove the flat layer of meat from the sides and ribs of a cow (such that just the ribs are left) 4 To defeat someone in verbal argument or debate ol-ordapídap ıl-əşidapidap one to plod enk-ídápídap-ata ınk-ıdapıdapát The plodding enk-ídápídapare *idapidaparitín* The plodding enk-idapidapáti ınk-ıdapıdapát The layer of meat ol-ordapídap-r ıl-ə́σίdapıdap-ί one to be plodded To do the plodding

## irim v make.spots

To put spots on the face or body with chalk or ochre; to daub; to splatter ol-óírim il-oóírim one to make spots enkírímótó inkirimót

The making spots enkírímirimore inkirimirimót

The making of spots ol-oirimí il-oóírimi The one to be spotted making spots

#### itik v

l
To feel nauseated
2
To hit hard
ol-óítik
il-oóítik
one to hit hard
enkítíkótó
inkitikót
The hitting hard
enkítikore
inkitikoritín
The hitting hard

ol-oitikí *il-oóítiki*one to be hit hard
To hit hard

#### jo v.a

1 sav

To say 2
To be named (passive)
To say to  $61-6j\hat{o}$   $i1-ooj\hat{o}$ one that will say  $01-oj\hat{o}kini$   $i1-o\hat{o}jokin\hat{o}$ one to be told

#### kuεt v.a

1 run
Torum
2
Torum away
en-kúétátá
inkuetát
Therunning
ól-ókúet
il-ookúet

one that will run

#### kurrukur v roar

To growl
en-kíkúrrúkur-oto
inkikurrukurót
Roaring
ol-kúrrúkúrét
il-kurrukuretí
Something that makes a
roaring sound
ol-oikurrúkur
il-oóíkurrúkur
one that roars

#### lak v.a

1 untie To untie, loosen, release To pay, to compensate ol-ólák ıl-əəl-âk one that pays ε-láátá ι−laát payment ε-lááré ι-laaritín The payment ol-olak-í ι1-οόlak-ί one that is paid To do the payment

#### moda v.mid

1 be foolish
To be foolish
2 be dullwitted
To be dullwitted
ε-modáí
Foolishness
ol-omóda
ιl-oómodá
one that is foolish

nyokíé v.s be.reddish To be reddish or redbrown in color, v.pl
To become red; to redden enyokíéni
Redbrown color olónyókíé
i1-oónyokie
The redbrown one

## nyori(j) v.s green

To be green, as of vegetation enyoriji
Greenness
ol-onyori
ul-oónyori
The green ones

#### da v.mid

1 proud
To be proud, boast
2 happy
To be happy, rejoice
3
To be naughty, go around disturbing others
ε-ŋίda
pride
ol-oŋίda
ιl-oóŋιdá
The proud

## paásh v.a

#### paasharı v

1 be.separated
To be separated
2
To be different, distinguished from something else
ol-opaashári  $\iota I$ -oʻopaashári

one that is different

#### pej v

1 bake To bake 2 burn ól-ópêj il-oopêj one to burn émpejótó im-pejót 1 The burning A burned place e.g. grass em-péjóré im-pejoritín The burning ol-pejét il-pejéta A meateating place ol-opejí il-oópejí one that will be burned

## pı(j) v

1 be.pointed

To do the burning

- 2 sharp
- 3 brave
- 4 fierce

To be pointed, sharp; brave, fierce, fearless (humans, lions, dogs)

5 strong

Strongtasting, with deleterious effects!

ol-pijét

ıl-píjéta

sharp stick for roasting meat ol-opu

ıl-əəpî

The brave, the sharp em-puján

Bravery, sharpness

## pukur v.a cover

To cover
ol-opukúr
il-oópukúr
one to cover
em-púkur-oto
im-pukurót
covering
em-púkurore
im-pukuroritín
The covering
em-pukurét
im-púkureta
lid, cover
ol-opukúri
il-oópukuri

one to be covered

To do the covering

#### rok v.s

1 be.black
To be black
2 be.gloomy
Having no light; gloomy
3
Uselessness, vanity, empty nothings
οl-όrόκ
ιl-οόrοόκ
The black one
ε-rokán
Blackness

#### rok ómom v

1 be.unfortunate
To be unfortunate, unlucky
2
To have a black face
ol-όrόk omom
ι1-οόrόόκ ό mómì
The unfortunate
ε-rokán ε omóm
Bad luck

#### rok óshókè v

1 hardhearted
To be hardhearted, unkind,
unforgiving, uncaring
2 stubborn
To be stubborn
3
To have a black stomach
ol-όrόk ό shoke
ιΙ-οόrοόκ όίshuaa
The unkind
ε-rokán ε óshoke
hardheartedness

#### roku v

1 become.black
To become black
2
To become very angry
ol-oróku
il-oórokú
The one to become black

#### shal v

l weak
To be weak, lazy; unable to
work
weak
wet
To be wet
ol-oshál
l-ooshál
one that is weak, wet
en-calán
weakness, wetness

## shipa v.mid be.happy

To be happy, pleased εn-cιpái happiness ol-oshípa ι1-οόshιpá

#### sinya v.mid

1 holy
To be holy, saintly

Without physical or moral fault; blameless

3
Wholesome v be.clean
To be made clean'or wholesome
ε-sinyatisho
holiness
ol-osinya
ι Ι-οόsιηγά
The holy one

#### Slr v

l mark
To mark
2 paint
3 draw
4 write
To make strips with
61-6sîr
11-00sîr
one to mark
ε-sîráta
1-sirát
marking
ε-sírarε
1-siraritín
marking

ε-sírέt
ι-sιrέta
marker

o-síráta *i-sirát*marking, writings
ol-osíra

ul-ostra
ul-ostra
The marked

## tir v

lr v
l ache
2 To feel hungry
en-tírótó
intirót
aching
en-tírore
intiroritín
The aching
ól-ótîr
il-ootîr
The one that will be ached

#### tumore v meet.with

To meet ol-otumóreki il-oótumóreki one to be met

#### ud v

1 bore pierce
To bore, pierce
2
To inject, vaccinate
61-6ûd
i1-00ûd
one to pierce
eúdótó
iudót
The piercing
eúdore
iudoritín
The piercing

ol-oudí

il-óudí

one to be pierced
to do piercing

#### walıkí v

1 answer 2 disagree with To respond by disagreeing with somebody's idea; to refuse to agree with somebody's proposal: ol-owalík-u ιl-οόwalιk-ί one to answer ε-wálátá ι-walát answering ε-wálárέ ı-walaritin Answering ε-walέt ι-walέta answer ol-owalíkunu ıl-əśwalıkıní

#### wuas v

1 shoot.an.arrow To shoot an arrow, fire a gun 2 foretell To foretell ól-ówúas il-oowúas one to shoot ewúásáta iwuasát the shooting ewúásáré iwuasaritín shooting ol-wuasét il-wuaséta arrow ol-owuas-í il-oówuas-í one to be shot to shoot

## wuasa(r) v/v.mid

l proud
To be proud in a bad, arrogant
way; showy; snobby and aloof.
2 strong
ol-wuasá
pride
ol-owúása
il-oówuasá
the proud

#### ya v

1 take
To take, carry; to move something from one location to another
2 marry
To marry (of a man)
3 steal
To steal
ό1-όyâ
ι1-οοyâ
one to take
ε-yáίtá
taking
ο1-οyá-ί
ι1-οόyαι

one to be taken

one to be answered

1 to be able to take 2 poisonous

#### yag v

l pause
To pause
2 go.slowly
To go slowly
Enk-íyágáta
Ink-iyagát
subside
ol-óyag
Il-oóyag
one to pause

#### yam v.a marry

To marry (of a man) ol-óyam ul-oóyam one to marry enkiyamá wedding, marriage en-ayamı one to be married to marry

#### yanyit v obey

To obey, to respect ol-oyányıt  $\iota 1$ -oóyanyît one that respects  $\varepsilon$ -yányıt-ata respecting  $\varepsilon$ -yányıtar $\varepsilon$  respecting  $\varepsilon$ nk-ányıt  $\iota nk$ -ányıt  $\iota nk$ -ányıt  $\iota nk$ -oyányıtı  $\iota 1$ -oóyanyıt- $\iota$  one that is respected to respect

#### yan v breathe

To breathe
enk-íyanet

unk-íyaneta

1
Breathing

2
Spirit
ol-óyan

ul-oóyan
one that breathes

#### yau v

bring
To bring
ol-oyáu
\(\lloar 1-oóyau\)
one that brings
\(\text{enk-iyáúnotó}\)
\(\lloar nk-iyaunót\)
bringing
\(\text{ol-oyaúni}\)
\(\lloar 1-oóyauni\)
one that is brought

## yayíé v

1 carry with
To carry with
2 include
To include
ol-oyayíé

\[\ldot l-oóyayie\]
one to take with
ol-oyayíéki
\[\ldot l-oóyayíéki\]
one to be taken with

## **APPENDIX 2 - Adjectives**

DERIVATION MORPHOLOGY OF NOUNS FROM ADJECTIVES

## abárànì abáràni abarák The quality of a person who does things in the correct or perfect way; careful The quality of being highly observant and noting details Careful, thoughtful Able to distinguish, particularly physically. ol-abárànì ı. 1 - abarák ol-abarànì ıl-abarák Thoughtful person, A patient, careful person who does things with perfection A highly observant person who pays attention to details A person that keeps a large group of animals perfectly, with none escaped or killed. adúáánì adúàànì aduaak Keenly observant The quality of being

# visionary ol-adúàànì

## il-aduaak A Visionary, a seer ausínànì

alsínànì

#### aisinák Poor in wealth

## ausípànì ausípànì

Truthful, having the quality of correcting things

## autéràni aıtérànì arterák

Beginning, starting Lacking in cattle

álànì álànì álànàk clumsv Clumsy, not skillful Not smart a-alanú To become clumsy

## amínın amínın

Generous

## árrà árrò árròì

With downward pointing

## árrùònì

árrùònì

Wicked, belligerent, liking violence; thinking then doing bad things; plotting, scheming

## árrùònì

árrùònì

Wicked, belligerent, liking violence; thinking then doing bad things; plotting, scheming

## arûs

arûs arúsì

Spotted black and white on the underside, referring only to cattle; spots typically spread from the dewlap to the teats.

Spotted, referring to the skin of a person, e.g. from scabies εnk−arûs

Spotted one

## asípànì asípànì

asipák

Trustworthy Truthful ol-asípànì

A person who is truthful, who says things right.

## bárláí

bár láí bárlân

Bright orange color; rarely used to describe living things

## barrikóì

barrikóì barrikôn

Brownish.yellow Tan; very light brownishyellow color 2 Skin-color of a person who is almost white, such as Indians

## bayarótì

bayarótì

Perfect; referring to behavior: meeting the requirements; performing your role perfectly: to be the perfect person for a job; to do what you're supposed to do, and do it very well. A perfect woman (good in all ways); a perfect husband; NOT a perfect day; NOT a perfect job; NOT a perfect test score; NOT a perfectly-run event; NOT a perfectly-run event; NOT a perfect example

## biótó bíótó

biyoto

biót

Healthy

#### bótór

bótór botórò

Old, senior (relative to others), large; said of a person  $\varepsilon m$ -botór

Older one

#### dalût

dalût dalúti

Mischievous, playful

## dápásh

dápáC dápásh dápáshí Broad, wide  $\varepsilon n$ -dápásh

in-dápáshí

in-aap

Bed

ol-dápásh

il-dápáshí

n 1

Wide one

2

Wide open place

3

shoulder

#### dérè

dérè

dérèì

Mouse-gray color; a combination of black and white, with black dominating. The color could be temporary, as when an item is covered with dark gray dust. en-derónì

Mouse, rat

## dárráp

dorop dórróp dórrópú

Short in height

## dúkúny

dúkúny dúkúnyí

Short

## girût

girût girúti Silent

Silent

εn-gírà Silence golôŋ

golôn Stubborn

#### íkerí

íkèrí

Striped

## itíŋí

o-itíŋí

Ultimately, in the end

## kálámás

kálámás

1

Busy, active

2

Clever, cunning

#### káldès

káldès

kaldesin

An uncommon and warm color of brown; rarely used for human beings

## kèrèrè

## kérérê

Slovenly; having the characteristic of being disorderly and dirty, both in personal care and in caring for possessions and living space.

2 Lazy

. . .

## keshéròì

keshéròì keshuro

keshúroi

Red and white, with red dominating the body and white confined to the face; of cows or goats

#### mostly red and one mostly kitet martaat white, spread in a random kitet martaat pattern and of almost equal kiteti intensity; spotted Slow in thinking, not quick to Dry, arid catch new ideas kutî menátì kıtí. kunyî kutıtı menáti ın-kutî kıtí mεnát kut.í. Feeble, of an animate entity kıtı n-kutî such as a person or dog kuni Little, small (dimension) 1 mínánì Few Young (age) mínánì Asia Kıtı 2 Little bit mínántà n.prop ιl-kutί Asia Minor mínánì $\varepsilon n$ -kıtı il-kunyî mínánì ın-kutıtı A few ones (masculine) Blunt lerái Little bit Deaf lerái 3 Small one lera Dumb kinyí Golden-brown; color of the kiní trunk of the acacia tree módóónì módóón i kitók mágílánì módóók kitók mágílánì Blind kitúààk magílànì kıtúk magılák moríjoi The characteristic of a person moríjoi Almighty, victorious, being senior, or having moríjò dominant seniority Scarlet, maroon The characteristic of a person márà being elderly moríjoi márà ol-moríjoi marai kurêt Dotted, spotted, patchy, il-moríjò kurêt checkered, involving at least the color red, black, or kuréti Poison arrow tree brown, and with spots at least moríjoi Cowardly, fearful, afraid those the size belonging to a moríjò cheetah. The design has a camouflaging effect. móríjoi kúrrúkúr

kúrrúkúr

A blend of two colours, one

Scarlet, maroon, deep-red

#### ómò néjúkó mórùò ómò ηεjuk mórùò ómòì? ιl-mórùàk nejuk New, fresh Light-brown color, specifically of sheep en-ŋéjúk Old (in absolute terms, of people) New one onyvónyì ε-οηγιόηγί Old man, elder nelêsh muddy Husband ηεlêsh neléshi atí man otí Lopsided and about to fall ρόtι múgíé over (as of a car or house) e-múgíé The characteristic of having Young (in age) múgíéîn horns not pointing upright, or Dark-brown, chocolatepointing in divergent New brown; the color of termite directions diggings owuarú ηên owuarú musánà ηên ówúárâk musánà ŋénì músàn nêny Light red-brown color, which músánà has a camouflaging effect Clever, intelligent, wise, smart, sharp, knowledgeable, Beastlike, carnivorous good at solving problems by Old talking Greedy, wanting to consume Worn out everything around Wise person ol-áíténényáni noshî Teacher; one who makes padán others knowledgable $\varepsilon$ -noshî padán usual nirô Having the quality of being nabólì skilled, able to perform one's ŋirô job well nabóli niroîn 2 Gray, brownish-gray, nabólò Having the quality of being a potentially with red and "good shot". Brown in color, with a large yellow mixed in; the color of dark-brown patch on the a donkey, of concrete rump or upper part; may also péshò be used for non-animals (e.g., a cave, cloth, tree). péshò ŋɔjínè

ηρίίηὲ

Lame

nojíniaa

néjúk

né iúk

No good, for nothing, to no

purpose

# pílè pílè pílèi A sed seleted warr

A red-related warm color; pale-red, pink, purple, violet

## pookí(n)

#### pookí

All, the complete amount or quantity of, the whole of

## púkótì

púkótì pukót

A blend of black and white, so well blended that the whole appears blue. A portion of an animal's body may possess this color, e.g. the mouth.

## púrúk

púrúk púrúkí

*pu* 

With horns pointing upwards and forwards, with tips inward

2

Prominent 3

rotten, decomposing (of wood)

## pûs

pûs púsì

Blue, gray; color of the sky, of water mixed with milk, of grass that is drying and losing its deep-green color

pûs-kií

Blue whetting stone

#### rírí

#### rírí

Colour possessed by the termite: characteristically red and white. When applied to a cow, indicates red head and white body.

#### rónkáí

rónkáí rónkéní

Slim (pertaining to people); narrow (pertaining to width), thin (referring to materials,

such as glass or wood), narrow 2 Narrow

## sagáràràmì

sagáràràmì sagáràràm

Light blue or purple color

## sámpù

sámpù

sámpìn

sámpîn

sámpun

Striped or variegated; brown and tan

sámpù kumpaú

Striped with the color of dried tobacco leaves. Plural: sámpun kumpaùn.

o-sámpù

n

A male brown and tan striped

ε-sámpù

A female brown and tan

striped

esámpù kιkε

n

Type of plant

## sampúrrumpúri sántétua

sampúrrumpúrrì
sántétua
Multicolored like the

Multicolored, like the butterfly

## sápůk

sápůk sapúki

Big

great

large

4

huge 5

Big, great, large, huge, fat

#### sâs

#### sâs

Emaciated; thin from sickness or lack of food

## séúr

séúr

séúrí

1

Outstanding, exceptional

2

Having the characteristic of horns pointing straight up and out

3

When the rain is plenty

## sídáí

sídáí sídáí

1

Good, good-natured

2

Beautiful

Noun = e-sídánú

Goodness

sikítóì sikítóì síkìtòk sikítòì sikítòk Yellow	New moon  súpàt  súpàt  supátì  Good, nice, kind, polite, fine (people), lucky	3 Ugly; not beautiful; not handsome 4 Severe; serious; have a harmful effect 5 Dishonourable character en-torróni Badness; evil; trouble; bad feeling
sintêt sinteti l Yellow-orange 2 dapple-gray; refers to cows and goats, but not sheep	Súújí Súújí Suúj  Ugly Poor 3	túân  túân  túánì  Beautiful
Pink  sunyáti sunyáti	Menial  tápis  tápis  Sterile from birth	túntáí  túntáí  túntaí ?  Alternating black and white pattern
sinyát  l Holy, saintly  Faultless, blameless  Being one color for a sacred purpose  sírùà  sírùà  i-sírùàì	tárá  tárá  Spotted and colorful  tara meút  Spotted like a giraffe, with  even distribution of black and brown, or of black and red spots. Term may apply to cattle, felines, goats, vipers, and to non-animals.	wúâs wúâs wúásìn  I with.big.patch.on.side.ACC with.big.patch.on.belly.ACC With big patch on side or belly
White, cloud-white nearing gray 2 Brownish-greyish-black; the color of an eland	tásháláí <i>tásháláí</i> <i>táshàlà</i> Idle, lazy	yiolótì yiolótì yiolót Well-known
sopíà sopía sopía l Dark, almost completely black 2	torrónô  torrónô  torrôk  1  Bad; not good; unpleasant; unacceptable  2  Unclean; untidy; dirty	yíyáí <i>yíyáí</i> Black and white pattern