

Tonal class 2:

- **Nominative always has a h l (l) surface pattern.**
- **Accusative patterns: Final H on penultimate or final syllable; variation on initial syllables;**

h
l h L (high on penultimate)
l H (high on final syllable)

2a: acc: h h h Nom h l (l)

2b: acc: l* h l Nom: h l

(I wonder if this hl in accusative shows up high in non-final position)

2c. acc : l h Nom: h l

tonal class 3.

Nominative (3a) :

h h l #surface pattern. h hl on bisyllable ending in: in, wa, ran, ngoi, la, nyi, ki, pi
h h l on trisyllabic: uki api, oli ongi

Accusative varies:

3a.. h l (l) nom: h hl

(3b: agentive nominals) l h ll nom: h h h h

3.b. agentive nominals (check final nonfinal) (look at data)

(starting from a)..l h ll.. nom (h h h h h)

olariponi (guard)

3c. l l h nom: h h h

3d. (2 highs..) l h nom: h l

3e. more than one high.. (looks like you simply add a H[for nominative) Always initial H, H does not spread, other tones remain unchanged:.

acc: l hl	nom h hl
l l h l	nom: h l h l
l h h hl	nom h l h hl
l l h	nom: h l l h

3f. (genitive plural agreement)

acc: l h

nom: h l

Tonal class iv: no change:

accusative is H(h)L; nominative is H L

Preliminary analysis.

- o Case is a morphosyntactic category (projecting CaseP), the expression of Case are tones. There are several allomorphs of the tones that coocur with different Ns (i.e. these are tonal classes). Some tones are prefixes, some suffixes, some both
- o Nouns themselves are in general toneless
- o H (spreading high)
- o HL (non spreading high, yield hl (l) surface pattern
- o associate from left to right
- o last tone spreads within domain (CaseP)

	accusative	nominative
Class 1	H#	L# #H
Class 2	(?) L# #HL	HL#
Class 3	(L)+/-initial H on Nstem #HL	H#
Class 4	#HL	HL#

- o Ns in class 2 are grouped together because of the way they form nominative. I suspect there are more singular accusative classes. (the distinction between class 2 and class 3 singulars is not always clear; they classified according to the form of the nominative. I think that the classification should be rethought. ...)
- o It is probably useful to further decompose the tonal system in tones (h/l) and stress: a high tone on a stressed syllable → hl) etc.)

Some statistics.

The tables below give some statistics about the data presented in section 3. (distribution of nouns per tonal class, and per singular and plural association.)

The tables are presented from most general to more specific.

Total N per class

			allNs	sg/pl
singular 1			189	(159)38%
singular 2			139	(112)27%
singular 3			158	(123)30%
singular 4			26	(22) 5%
			512	416

- o a reasonable equal distribution for 1, 2 and 3. Few members in 4.

Percentage of singular Ns only (mass nouns, pronouns, nominalizations):

singular	1			30 (16%)	
	2			27 (19%)	
	3			35 (22%)	
	4			4 (15%)	

Singular and plural tonal classes

- o Nouns in Maasai can have singulars in one class and plural in another class. This is strongly reminiscent of noun classes: however, if there is an underlying noun class system in Maasai, it is non-transparent.

Same singular and plural class:

singular	1	plural	1	52/159	32%
	2		2	67/112	60%
	3		3	73/123	60%
	4		4	6/22	27%

Singular and plural pairings

pairings 1-2 or 2-1					
singular	1		2	52/159	32%
	2		1	10/112	9%
1-3 or 3-1					
Total:	1		3	35/159	22%
	3		1	6/123	12%
1-4 or 4-1					
	1		4	20/159	13%
	4		1	5/22	23%

	2		3	32/112	28%
	3		2	37/123	30%
	2		4	3/112	3%
	4		2	1/22	5%
	3		4	14/22	63%
	4		3	10/112	9%

Tonal class 1 is not frequent as a plural pattern. 52 of the 73 cases are class 1 in singular.
 $73(-52)/411(-52) = 18\%$
 If we subtract these, then there is only 4% class 1 in the plural $21/469 = 4\%$

Singular: Tonal class 1

singular	1			30	
singular	1(a)	plural	1	52	
singular	1(a)	plural	2a		5
	1		2b		3
	1		2c		44
	1		2	52	
	1a		3a		16
	1d/e		3d		5
	1a/e		3e		14
Total:	1		3	35	
	1b		4a		1
	1a		4b		1
	1a		4c		9
	1a		4d		9
	1		4	20	

Total singular 1				159 (+30)= 189	
------------------	--	--	--	----------------------	--

Singular Tonal class 2

singular	2			27	
singular	2	plural	1	10	
singular		plural	2a		1
	2a/b/c		2b		30
			2c		35
	2		2	67	
			3a		5
			3d		2
			3e		25
Total:			3	32	
			4a		
			4b		
			4c		3
			4d		
			4	3	
Total singular 2				112 (+27)= 139	

Singular Tonal class 3:

singular	3			35	
singular		plural	1		6
singular		plural	2a		37
			2b		
			2c		
	3		2	37	
			3a		17
			3b		
			3c		4
			3d		18
			3e		32
			3f/g		2
Total:	3		3	73	
			4a		
			4b		
			4c		1
	3a		4d		12
	3		4	13	
Total singular 3				123 (+35)= 158	

Singular tonal class 4.

singular	4			4	
singular		plural	1	5	
singular		plural	2a		
			2b		
			2c		1
	4		2	1	
			3a		7
			3d		1
			3e		2
Total:	4		3	10	
			4a		
			4b		
			4c		
			4d		
	4		4	6	
Total singular 4				22 (+4)= 26	

Tables

CLASS 1

Tucker and Mpaayei tonal classes (from dictionary); *beware of transcription (not always consistent, sometimes our conventions sometimes T&Mp)* Also final tones do not always print.

<i>Class 1 Accusative</i>	<i>Nominative</i>			<i>Plural Accusative</i>		<i>Plural class</i>	<i>Nominative</i>	
H	L .. HJ		la					
in kúlák			la					urine
ε léleró			la					youth young folf
en jiata			la					sifting (nom)
en kírutótó		a	la					surprise, fight
en kúetátá akúét			la					running
méjá			la					father
e módóó			la					blindness
nánú			la					I, me
ε naḡaroré		órè	le					wrestling (from V)
ε pórátá			la					effort (a pók)
ε ḡaróré			la					hunting
ol óílólé			la					bustle, business
ol púrdá			la					meat preserved in fat
ɔ ramátēi		ēi	le					cattle ¹ management, cattle culture
e rí kórè			lc					leading (gerund)
e rrípórè		órè	le					guarding (gerund)
e rrípótó			la					guarding, protection
ε sáyátá			la					entreaty, marriage request (nom)
ε sápúkó			la					bigness, size
ḡómátá			la					top, heaven, above
o síádí			la					anus
ε súlárè			le					scandal
e śnkúreìò			le					guile

¹ from aramát “to tend cattle”

<i>Class 1</i> <i>Accusative</i>	<i>Nominative</i>			<i>Plural</i> <i>Accusative</i>		<i>Plural</i> <i>class</i>	<i>Nominative</i>	
H	L .. H]		1a					
e súpáĩṣò			1e					goodness
táténé			1a					right hand side
en tídíyáí			1a					smallpox
il tǔǰánákarēi			1b					populace
en túrótó			1a					digging, cultivation
			1a					the establishing ceremony for warriors
approximate count: 30... no plurals, mostly nominalizations and mass nouns, + fatyher, me urine,								
ε lúkúnýa		a	1a	i lúkúny		1a		head
em póór	empòór		1a	impòóri	i	1a		water whole
en áĩṣó	enaiṣó	o	1a	inaiṣi	i	1a		honey(beer)
en géém			1a	in géémí		1a		fat piece of meat
en kútók			1a	in kútúkié		1a	ie	mouth, language
al akira			1a	ilakir		1a		star
e lókúná	elukuná	a	1a	ilókún		1a	ilòkún	head
ɔ léinyúá		a	1a	ilenyók	k	1a	ok	tail hairs
ε mójítá		a	1a	i mójít		1a		entrails
ɔl mójó		ɔ ?	1a	il mójí	i	1a		ox
e mówuó		a	1a	i mówuárak	arak	1a		horn
ɔl máféri		ĩ	1d	il máfér		1a		tick
e múgúr			1a	i múgúrrí	i	1a		water hole
ε múkáré		are	1a	ε múkátá	ata	1a		brewing
ε náwá			1a	i nawaítie	itie	1a	itie	udder
ɔl ɲóbór			1a	il ɲóbórrí	i	1a		skin, hut
ε ɲóròyònì		àni	1e (irr)	i ɲóróyók	ak	1a		woman, wife (often pej.)
ɔl pápítá		a	1a	il pápít		1a		hair
em póór			1a	im póórí	i	1a		stony place, eroded land
ɔl púrkel			1a	il púrkélí	i	1a		dry steppes, wet season pasture
ɔ sǰnái		i	1a	i sǰná		1a		sand
en tómnómĩ			1d	tómnók		1a		woman who just had a baby
en dúlé			1a	indúlê ñ	n	1b		flute
en gírrá			1a	in gírâ n	n	1b		half calabash, bowl

<i>Class 1</i> <i>Accusative</i>	<i>Nominative</i>			<i>Plural</i> <i>Accusative</i>		<i>Plural</i> <i>class</i>	<i>Nominative</i>	
H	L .. HJ		1a					
ol kóndí			1a	il kóndî ní	n	1b		hartebeest
ol maásanî			1f	il mǎásâî	i	1b		the Maasai
ol páékí		i	1a	il páê k		1b		maize
ε sídaí			1a	i sídâ n		1b		ostrich
ol túalá			1a	il tuálâ n		1b		bell
em bártá	embartá	a	1a	imbártâ ñ	n	1b ²	imbartá n	horse
ol kúnónî		i	1c	il kúnónò	o	1c	ilkunonó	blacksmith
olálé			1a	ilálètâ	ta	1c		calves/enclosure
ol mársámua			1e 1c ³	il mársámùà		1c		maggot in nose of animal
ol mónḡ			1a	il mónḡíḡ	íḡi	1c		something left over
e múró			1a	i múróíḡ	íḡi	1c		hind leg
ε ḡápé			1a	i ḡápétâ	ta	1c		post
ol tóíló			1a	il tóílóḡi		1c		voice
en túlélei			1f	in túlélè		1c		Sodom apple
o rrípié			1a	i rrípiétâ i rrípiê n	ta n	1c ⁴ 1 b		guard-hut (from a rrip)
ε máatái			4a	il máat		1d 1c?	il maát	locust
ol gáramét			1a	il gáramètâ	a	1e	il gáramètâ	tongs
ol ménéḡanî		aní ^h	1f	il ménéḡâ		1e	il ménéḡâ	corpse, ghost
e múrátâ		a (l)	1d	il múrátârè	rè	1e		circumcision
o sipólió			1a	i sipóliò		1e		initiate (male)
e sipólió			1a	i sipóliò		1e		initiate (fem)
52 nouns: 1 (sg) (1 (plural)								
H	L H		1a	H		2a	HL	
em bátá	embatá	a	1a	imbát		2a	imbâ t	side
en kḡḡ		u	1a	in kḡḡ		2a		knee
enk áiná	enkainá	na	1a	inkaík	k	2a		arm
en kúkuó		a	1a	in kúk		2a		charcoal
e ḡókí		i	1a	i ḡók		2a		sin, offense
				L HL		2b	H L (l)	
ε lípḡḡ			1a	ilípḡḡâ	a	2b		full-grown fem.
ol nírijói			1a	il moríḡò		2b		poison arrow tree, senior warrior

² difference between 1 b and 1 c: 1 b are all closed syllables (but maasai) 1c, are open syllables.)

³ we have not find any class 1e nouns, they seem to behave like class 1c

⁴ good example for the distribution of 1b/1c H HL)

<i>Class 1 Accusative</i>	<i>Nominative</i>			<i>Plural Accusative</i>		<i>Plural class</i>	<i>Nominative</i>	
H	L .. HJ		1a					
ol músúnkúí		i	1a	il musúnkù		2b		European
				L (L) H		2b	H L L	
em báláŋ			1a	im bàlàngá	a	2c		chest (irregular meaning sg.pl)
em bólátá		a	1a	im bólát		2c		holding (nom) bOl
en duaata		a	1a	induaát		2c		sight, seeing
en kí tágàtà		a	1e	in kitagát		2c		shelter
en kírragátá		a	1a	in kírragát		2c		sleeping
en kidímátá		a	1a	in kidimát		2c		ability
enk áí		i	1a	ink aítín	tin	2c		rain, sky, god
enk álém	enk além		1a	il alemá	a	2c	il álèmà	knife
enkípáátá		a	1a	inkipaát		2c		dance before raid
enkátá		a	1a	in katifín	itin	2c		time, period, season
al áǽ			1b	ilaǽ		2c		calf
en doíŋó			1a	ildoíŋó		2c		hill
ol bítír			1a	ilbitiró	a	2c		wart hog
ol kítíkótó	olkitkotó	o	1a	ilkitikót		2c	ilkítíkòt	path
ol béné			1a	ilbeniá	a	2c		bag
ol doíŋó			1a	ildoíŋó		2c		mountain
ol kítíkótó		a	1a	il kitikót		2c		path
ε rǎmátá		a	1a	injamát		2c		notch
ol ŋátún			1a	il ŋatunó		2c		lion
ol ŋéjép			1a	il ŋejepá		2c		tongue
áŋátá óŋátá			1a	angát		2c		plain, flat open country, wilderness
enk ópíró			1a	ink opír		2c		feather, “rank and file”
ol pídjátá			1a	il pídját		2c		corner
em pídjátá			1a	im pídját		2c		point
ol pónótó			1a	il ponót		2c		ear markings
em púkúkúnotó			1f	im pukunót		2c		sort, kind, species
ε rǎnátá			1a	i ranát		2c		singing dancing a ran
ε ríǽtá			1a	i riǽt		2c		boundary, space, interval
e rúkótó			1a	i rukót		2c		flowing, safari

<i>Class 1 Accusative</i>	<i>Nominative</i>			<i>Plural Accusative</i>		<i>Plural class</i>	<i>Nominative</i>	
H	L .. H]		1a					
e rúpátá			1a	i rupát		2c		heap (a rup)
ε sipátá			1a	i sipát		2c		truth
o sírátá			1a	i sirát		2c		mark, line, writing
e sírít			1a	i siritó		2c		band, division of warriors
o soít			1a	i soító		2c		stone, rock
en táreí			1a	in táré		2c		flock, herd
en táwuó			1a	in tawuá		2c		heifer
entólú			1a	in tóluó		2c		axe
ol tómé			1a	il tōmiá		2c		elephant
en tónátá			1a	in tōnát		2c		sitting place, sitting
en túrótó			1a	in turót		2c		digging, chalk
ol túrótó			1a	il turót		2c		puddle
ε wálátá			1a	i walát		2c		answer (awal)
olámál			1a	ilamalá	a	2c, or 3 e)	ilamalá ilámalá	deputation, band of initiates
H	L H		1a	H L		3a	H.. HL#	
en géráí	engeráí	i	1a	engèrà		3a	engérâ	child
en kó kúai		i	1a	in kókùà		3a		heavy shower, long rains
ol kiyíoi		i	1a	il kíyìò		3a		tear, alarm cry
ol máoi			1a	il mádò		3a		twin, close friend
ol módái			1a	il módà		3a		fool (see related forms)
e mónkói			1a	i mónkò		3a		lie
ol múnyéí			1a	il múnyò		3a		beard
ol mórránì			1c	il mórràṅ		3a		warrior
ol ṅósílá			1a	il ṅòsìl		3a		branch, bough
ol óito			1d (irr)	il òik		3a		bone
em pálai			1d	im pàlà		3a		subcutaneous tissue, paper
o súpúkó			1a	i súpùkì		3a		cool and wooded country
en títò			1d	in tóyè		3a		girl
en tólit			1d	il tólò		3a		bone marrow
ol túfì			1d	il túfì		3a		buttock
o yíyáí			1a	i yíyà		3a		porcupine

<i>Class 1</i> <i>Accusative</i>	<i>Nominative</i>			<i>Plural</i> <i>Accusative</i>		<i>Plural</i> <i>class</i>	<i>Nominative</i>	
H	L .. H]		1a					
			1d	L H L		3d	H L H	
en kórárè			1e	inkuráren	n	3d	inkórarén	grave
al ásúraí			1a	il asúriaa		3d		snake
ol máǵátintá			1f	il magáǵi		3d		enemy
ol míǵiré			1a	il miǵirin		3d		brand mark, branding iron
ol ǵámátintá		nta	1f	il ǵamáti		3d		enemy See ol maǵatinta
			1a	L L L H		3e	H L(+acc)	
ε látiá			1a	i latiaritín	ritin	3e	i látiaritín	the neighbours
ol kibúlékèny		èp	1e	il kibulekenyí	i	3e		waterbuck
ol dísí			1a	ildiisiiní		3e		district commisioner
ol mókóê t			1b	il mokoetí		3e		rations, ox kept for emrgence or future needs
o múrúnyà		à	1e	il muronyaní		3e		razor
ε ǵenó			1a	i ǵenoritín		3e		cleverness, knwleged (from a ǵenũ
em pikás			1a	im pikasí n		3e		raiding force
ε sáyét			1a	i sayiefí		3e		poison
o sínkólío			1f	i sinkilioitín		3e		song
o súréeí			1a	i sureení		3e		lump of meat
ol tamueyiaí			1a	il támueyia		3e		sick person (rel)
en tórós			1a	in tortosí		3e		garment of favour worn by warriors after vowing to win or die
o yóyái			1a	i yóyaiñ	n	3e		porcupine
ǵótóǵè			1a	i nóó ǵótóǵè		3f		his mother
H HL				H H HL		4a	H H L	
ol pórô r			1b	il pórórî		4a		age set, half an age set
				(H) H L L		4b	(H) H L L	
al áimútiáí		i	1a	iláimùtia		4b		reed
				L H		4c	L H	
en ǵúmótó		a	1a	ingumót		4c		hollows, hole, well
en jǵjátá		a	1a	ijǵját		4c		entering

<i>Class I Accusative</i>	<i>Nominative</i>			<i>Plural Accusative</i>		<i>Plural class</i>	<i>Nominative</i>	
H	L .. H]		1a					
e máṗatá	emáṗatá	a	1a	imáṗát		4c	imáṗát	warrior's village
en kútótó		o	1a	inkutót		4c		enclave, locality, ergion
en tšómátá			1a	intšomát		4c		summit
ol gílátá		a	1a	il gílát		4c		partition (nom)
e muátátá			1a	i muatát		4c		sheep pen
e nóṗótó			1a	i noṗót		4c		valley
e sékí			1a	i sék		4c		olod man's stick
				H L H		4d	H L H	
<i>e rórê t</i>			<i>1b</i>	i róreí		4d		lawn, place of short grass
ol dúkà			1a	ildókáí		4d		shop
ol máréí			1a	il máréí il maréità		4d 1c		family
ol mórrát			1a	il múrraí		4d		spear butt
enk óító			1a	ink óítóí		4d		road
em písáí			1a	im písáí		4d		money (borrowing)
o róreí			1a	i róreí		4d		word
o rrékkieí			1a	i rrékieí		4d		track, trail, spoor
o súnkúróí			1a	i sunkuró		4d		guileful person, hypocrite

Class 2:

Class 2							
Acc X ..H (l)	Nom HL						
en dǝrón			2c				redness ⁵
en golón			2c				strength
ε inóti			2b				true daughter
képér			2a				heaven
en kibórrà			2d				whiteness
en kijápè			2b				coldness, wind
en kirówuàj			2b				heat
enkifón			2b				life
enkífũ			2b				life, life force
enkisómà			2b				study, school
en kurrúnà			2b				shame
ε módāĩ			2b	see a a mǝdá and ǝl mǝdáĩ			foolishness, ignorance
ε nanāĩ			2b				gentleness, softness: from a nanà
ε nayiá			2b				craving for meat (on the part of lions
nincé			2c				they, them
nijé			2c				he, him, her,..
ŋolé			2c				yesterday
ŋotó			2c				mother of
ol odúá			2c				gall-bladder lit: that which is bitter
em pidján			2c				sharpness, courage from a pijú
em puaán			2c				survival, life
em púrúó			2a				smoke
e rǝkán			2c				blackness
ǝatá			3d				wood, ⁶ stick, (see altǝata)
ǝoní			2c				skin (ǝlconi)

⁵ quite typically for nominalizations of adjectival predicates(2c)

⁶ determinerless N

Class 2 (continued)

e siɲátè			2b					salt hunger, craving for tobacco
ε waɲán			2c					lightness, brightness
				[H			L H	
alalāi		i	2b	ilálá		1a		tooth, tusk
en kiriŋó		ŋo	2c	in kírí		1a		meat
embòó			2c	imbóóitié	itie	1a		kraal, herd
enɔ́ áré			2a	inkáriák	ak	1a		water/rivers
enk aj í	enkáji		2c	inkájjik	k	1a	inkajjik	houses
ol owuarú		u	2c	il ówuárâ k	ak	1b		beat of prey, lion skin headdress
o sárgé			2a	i sárgétà		1c		blood
ol tím			2a	il tímitò		1c		branches used..
en kímá			2a	in kimaítiè	itie	1c		fire
ol kúkúrí			2a	il kúkúrtò	ta	1c		gourd for milk
				(x) H (I)			H L	
en kítéɲ			2a	inkífú		2a		cow, cattle
ol ɲorét			2c	il ɲorétà		2b		blocked arrowhead for bleeding cattle
em putét			2c	im putétà		2b		tweezers, tongs
al arási		i	2b	il arâ s		2b		rib
ε naipòfà			2b	i nááipòfà		2b 3f		lake
e remét			2c	i remétà		2b		spear
o reyíét			2c	i reyíetà		2b		river
o saēi			2b	i saē n		2b		bead
ε saé ì			2b	i saē n		2b		bead, necklace
ε sayét			2c	i sayétà		2b		presents to prospective father in law

Class 2 continued

en arét			2c	in arétà	a	2b	
en amóke			2b	in amóka	a	2b	sandal
entforúét			2c	iltforúétà	a	2b	friend (fem)
ol dekét			2c	il deketa	a	2b	curse
en jinét			2c	injinetà	a	2b	the house (that which is entered)
en jipét			2c	in jipétà	a	2b	wedge
olañét			2c	ilañétà	a	2b	bridge
e mudónj			2c	i mudónjò	a	2b	afterbirth, kinship
ol ñabóli		i	2b	il ñabólò	a	2b	fig tree,
e orét			2c	i orétà	a	2b	broom
olkerî			2b	il ówúarák	ak	2b	leopard (spotted)
en kitók		kʔ	2c	in kitúàk	ak	2b	woman from kitok (A)
e motí			2c	i motíòòk	ak	2b	cooking pot
e motí			2c	il motíòòk	ak	2b	tobacco pipe
ol oibónĩ		(o)ni	2b	il oibónòk	ak	2b	medicine man, diviner, ritual expert
ol goó			2c	il goô n il gotie	n tie	2b 1a	chest
en kofí			2c	in kofî n	n	2b	small calabash
al aláǰè			2b	il aláǰera	ra	2b	
ilconí			2c	ilconítò	ta	2b	skin, hide
oltforé			2c	iltforétà	ta	2b	friend(ms)
en keené		ε	2b	inkeéntà	ta	2b	strap, thong, belt
e yéwnà e yéwnotó			2b 1f	i yewnót		2c	wish
				kulé		2c	milk

Class 2 continued

en derónì		ni	2b	inderó		2c		rat
ol gosòì		i	2b	il gosó		2c		rope
				i motorí		2c		soup
				il ɔmón		2c		speech, address, news
ɔl ɔmónì		i	2b	il ɔmón		2c		stranger, visitor
enk opitó		a	2c	ink opít		2c		cord, string
a rémóré			2a	i remót		2c		spear thrust
ɔl táú			2a	il taudjá		2c		heart , spirit
ɔltʃaní			2c	ɪlkeék	k	2c		tree
ɔlbɔɔŋ			2c	ilbɔɔŋó	O	2c		chin
e modíeì		i	2b	i modiok	ok	2c		cow dung
ɔl gós			2a	il gosó	a	2c		throat
enkér			2a	in Kerrá	a	2c		sheep
en kóp			2a	in kuapí	i (?)	2c		country, land
enjórè	enjórè		2a	in jorín	in	2c		war
en kíné			2a	in kenejí	ji	2c		goat
en kejú		ʔ	2c	inkejék	k	2c 4c		foot, leg
ɔl kejú			2c	ilkejék	k	2c 4c		river
e múrt			2a	i murtó	o	2c		neck, chief's adviser
en kúé			2a	in kueshí	shi	2c		skull, head
en kumé			2c	il kumesĩ n	shi n	2c		nose
ol kipíeì		i	2b	il kipíeú	u	2c		lung, lung troubles
ε ηóŋ			2a	i ηóŋó	ɔ	2c		vein, artery
				(l) Hl			Nom: [H H(L)]	
e mús			2a	i músĩ	i	3a		swarm
enk ɔlɔŋ			2c	ink ɔlòŋì	i	3a		sun, day

Class 2 continued

enk omóm			2c	ink ómòmĩ	i	3a		face
enk oríón			2c	ink óriòṅĩ	i	3a		back,
e muá			2a	i múaĩn	in	3a		color, sort, kind
ɔlɔdʰinè			2b	il nɔdʰí niaa		3d		hyena (as adjective: lame)
enkiśómĩ			2b	in kiśómin	n	3d		fate, extended family
en kíśórotó	a		1f	in kiśorunót		3e	in kíśorunót	giving
ɔl ɔpéɲ			2c	il ɔpɛ̃ ɲ		3e	il ɔpɛ̃ ɲ	owner (ms) ⁷
en ɔpéɲ			2c	in ɔpɛ̃ ɲ		3e		owner (fem.)
ɔl payíán			2c	il payaní	i	3e		old man, husaban
em pouít			2c	im poufí	i	3e		ditch, trough See empeút
o risási			2c	i risansíní	ni	3e		bullet, cartridge
e ropíyà			2c	i ropiyaní	ni	3e		two shilling piece
e saánĩ			2b	i saaníní	ni	3e		plate
ʃakéñĩ			2b	ʃakeníní il tʃakeníní	ni	3e		witness ⁸
e siankíkĩ			2b	i siankikî n	n	3e		young woman, bride
e siaṅáù			2b	i siaṅaû n	n	3e		small gourd
sukúùl			2b	i sukuuluní	ni	3e		school
en kualalé			2c	in kulaleî n	in	3e		wooden ear-plug
al áméyú		oʔ	2a	il ameyitín	itin	3e		famine, drought
en keéyà			2b	inkeeyaitín	itin	3e		death, disease
en kewarié			2c	inkewarietín	itin	3e		night
ɔl ɔséḱ			2c	il oseḱî n	in	3e		trick of the trade, short cut
endukúyà			2b	indukuyaní	ni	3e		head
en gaséĩ			2b	in gasetíní	ni	3e		newspaper

⁷ relative clause structure (he who owns, they who own)

⁸ determinerless N

Class 2 continued

en kalámù			2b	in kalamuní	ni	3e		pencil, pen
enkardasi			2b	inkarsasiní	ni	3e		paper
en kijìkò			2b	in kijikoní	ni	3e		spoon
ol muaátê			2b	muatení	ni	3e		deserted site
enk olópà			2b	ink olopaní	ni	3e		poisonous centipede
e mueyán		n	2c	i mueyarifín	riti n	3e		illness
o léṅófi		i	2b	ileṅót		4c		large firewood log
enk ọ́ú		u	2c	ink ọ́ék	ek	4c		eye
ol dāmà			2a	il damát	t	4c		hillside, spur

Class 3:

Class 3								
<i>this pattern is very general ani 3b –ak 3c: but killer árani (3a) iláràk (4)</i>								
en gírà	˘	en gírâ	3a					silence
en górò			3a					anger
en kiyajet			3a					breath
en kuré			3d					thirst
keen unía akuení			3e					laughter, amusement
ol mená			3d					contempt
e monyán			3d					white salt
e monyáni			3d					good fortune, grace
ṅkakúyiaâ			3e					grandfather, see olakuyia
ε pamáli			3d					difficulty, trouble (from V)
ε ɲokiéni			3d					redness
ε ɲidà			3a					pride, joy from aɲidã
ε ɲornɔ̄			3e					butter
ol oijilíli			3e					drop of liquid
enk oileélio enk oilioólò			3e					dew
enk ɔmen kewán			3e					one who despises himself
enk omonó			3e					form of prayer, worship
ol ọ́ṅliṅṅlí			3e					trouble, row
ol ɔ́saê n			3f					the East
ol oṣoró			3e					porridge
ol ɔsinkó			3e					center part of a “manyata”

Class 3							
papâ			3e				father, father's brother
em pépò			3a				pierce
em pójit			3a				swelling of stomach
e rékò			3a				red ochre
e rúkò			3a				column on the march
e síkàr			3e				adornment
e sioróg			3d				leather funnel for feeding calf
s soṅoúnà			3e				smell of meat roasting
s sùmàf			3a				hunger
en taáni			3d				nearness (from V)
tàánĩ			3b				somebody
en téipà			3a				evening
ol tikaná			3c				malaria
em tulúgumí			3e				old, dry dung
ol wúasò			3d				pride (from a wuasa (to be proud))
ol tógóm			3d	il tógómí		1a	rampart
ol tuṅáñĩ			3b	il tṅánák		1a	person
ε mátuà			3a	i mátuán	n	1d	piece, part, side
ε jámù		u?	3a	i jámin	in	1d	plunder, loot, theft
ol ófò			3e	il ófon	n	1d	country, tribal section
e sílè			3a	i sílen		1d	debt
ol kìnà		na	3a	il ki		2a	breast, teat
alaburrâ		a	3e	ilabur		2b	foam, froth
alakwí			3d	ilakúyiàk	ak	2b	ancestor
ol kumá			3d	il kúmàn	n	2b	club
ε nasáaitâ		ita	3f	i masá à		2b	treasure, pl wealth
e motórokî		i	3e	i motóròk		2b	duck
ol oisótoô		aa	3e	il oisótòk	k	2b	claw, nail, hoof
ol okerí			3e	il okèrĩ		2b 3f	field, pasturage ⁹
i rinká			3d	i rinkâ n		2b	club
o síkirià			3a	i sirkô n		2b	donkey
ε sirét			3d	i sirétà		2b	chalk, paint on face..
e sitá			3d	i sitâ n		2b	fence
ol taiká			3d	i taikâ n		2b	warrior's pigtail

⁹ relative clause structure

Class 3							
en taléŋoi			3d	in taléŋò		2b	magical charm, solemn ceremony
en tapókâi			3g	in tapókà		2b	flower
en torróni			3d	in torrô k		2b	evil, bad feeling, trouble
ol tuaâ			3e	il tuaâ n		2b	frog
en tuaâ			3e	in tuaâ n		2b	pregnant woman
en turét			3d	in turétà		2b	digging instrument
e wúéjì			3a	i wuejifin		2b	place
enkabobóki		i	3e	inkabobok	k	2c	bark of tree
enk alaónĩ		ni	3e	inkalaó		2c	ant
olŋatá			3d	inkeék		2c	twig, handle
en dáà			3a	indaikí	iki ?	2c	food
en kaŋarátì		i	3e	in kaŋarat		2c	phlegm
ol kidonḡi		i	3e	il kidonḡ		2c	tail
ol kidonḡi		i	3e	il kidonḡó		2c	tail
ol kisisáfi		i	3e	il kisirát		2c	shower, short rains
en kulupúonĩ		ni	3e	in kulupuó	k	2c	dust, earth
e murúà			3e	i murúá		2c	settlement area
ε ŋaalátì		i	3e	ɲaalát		2c	quid (of tobacco)
ol ojonánĩ		ni	3c	il ojonǎ		2c	fly
e sekenkéi			3e	i sekenké		2c	large piece of iron
e sííaaĩ			3a	i siaaitin		2c	work
o sikirá ì			3e	i sikirá		2c	cowry
en tókì			3a	in tokitin		2c	thing
ol tulét			3c	il tulétà		2d	gourd in its natural state
olbàè		ε?	3a	il bàà	a?	3a	wound injury, opinion
entŋorroḡ			3a	intŋorroĩ	i	3a	spring of water
en dapanā		a	3e	il dapan		3a	skin of goat
ol kúrrùk			3a	ilkúrrùkì	i	3a	crow
ol kúròm			3a	il kúrùmĩ	i	3a	anus, behind
olkútù			3a	il kútù	i	3a	dummy, skin of dead calf
o lé è			3a	i léwà	wa?	3a	man, male
ε lónḡò			3a	i lónḡoi	i	3a	shield
ol mórùo			3a	il mórùak	k	3a	old man (adjective: the old one)
e ḡúḡĩ			3a	i ḡúḡišin	sin	3a	stick
				il óikòp		3a	crime
ol órò			3a	il órò	i	3a	he-goat

Class 3							
enk ófòkè			3a	ink ófùàà	aa	3a	belly
em pólòs			3a	im pólòsì		3a	middle, center, loin (rekated to V)
o sérò			3a	i séroì		3a	bush country, scrub
o sésèn			3a	i sésènì		3a	body
i sírùà			3a	i síruai		3a	eland
embáyìsikìlì (S)			3a	im basikili ní	ni	3c	bicycle
alabá ànì		ani	3b	ilabaák	ak	3c	doctor, healer
al arik oni			3b	il arikok	ok	3c	tailor
ol máfìmújì		i	3e	il malimun í	ni	3c	teacher
ol búgàì			3a	il búgàìkòk	kok	3d	bull
ol kila			3e	il kiláni	ni	3d	cloak
en kila			3e	in kiláni	ni	3d	clothes, garmentcloak
en kíòòk		ak?	3a	in kíyiaa	aa	3d	ear
ol kú ò ò			3a	il kuóoo		3d	kid, lamb
en kurmá			3d	in kurmá n	n	3d	cultivated fireld, grave
ol mérégèj			3a	il merégeji	i	3d	ram
ol óip			3a	il oípi	i	3d	shadow, politeness
ol órèrè			3a	il oréren	n	3d	the people, community
ol ósòwùàn			3a	il osówani	i	3d	buffalo
ol óyìòtè		e	3a	il oyiótiaa	aa	3d	riddle
o súnàj			3a	i sunáji		3d	castrated bull, pack-ox
e súpèn			3a	i supéni		3d	ewe
e surútiaì			3f	i surútia		3d	womes's scrolled earrings
en tákùlè			3a	in takúlen		3d	forearm
en táràkuè			3a	in tarákuet i		3d	impala
en tásàt			3a	in tasáti		3d	old woman (fom A)
e wúásò			3a	i wúáson		3d	river
enk atiní			3e	inkatinìn	n	3e	story
encóí			3d	incóí n	n	3e	beer (from Kikiuyu)
o ìnkát			3d	ìnkati	i	3e	wildebeest
enkiás			3d	ìnkiaasì n	n	3e	work
enkitojó			3e	in kitojó n	n	3e	hare
ol kòróí			3e	il kòróí n	n	3e	colombus monkey
o léléo			3d	i leleoní	ni	3e	potsherd, bborken gourd

Class 3							
elúkòṅkò			3a	ilukuṅkuní	ni	3e	fowl, hen
ol kumpau			3e	ilkumpaú` n	n	3e	tobacco
ol malaíkà			3e	i malaíkà		3e	angel
ol melíl			3d	il melilí	i	3e	small spur or range of hills
ol meút			3d	il meutí	i	3e	giraffe
ol mógìrrà			3a	il mogirra ní	ni	3e	thumb
e motokáà			3e	i motokaa ní	ni	3e	motor-car
ol muḡáarà			3e	il muḡaara ní	ni	3e	wage
ol okídòṅḡì		i	3e	il okídòṅḡò		3e	mud formed from rain and old dung
ol okirisíàì		i	3e	il okirisíá		3e	a small bush
em peút			3c	im peutí		3e	ditch, through
o sagám			3d	i sagamí i sagamî n		3e	bridge
ε sarḡáb			3d	i sarḡabî n		3e	mud
o sampúrumpúřì			3e	o sampúru mpúr		3e	butterfly (see sámpù)
e setán			3d	i setaní		3e	witchcraft (Satan?)
en tükùtùk			3a	in tunkutu kuní		3e	motor cycle
yieyiḡ			3e	i nòó yieyi ḡ		3f	mother ¹⁰
ol otórokî		ki i	3e	ol otórḡì il otóròk	i	3g 2b	bee
ol oṅḡòṅḡ		ni	3b	il oṅḡók	k	4c	bull, young warrior
embúkù			3a	imbúkúí	i	4d	book
en kámpî			3a	in kámpíí in kampin	i n	4d 1d	
ε mǐḡḡ			3a	i mǐḡḡrǐ	i	4d	part of animal's intestine
ε mísà			3a	i misaí	i	4d	table
al áḡàt			3a	il áḡatí	i	4d	coal fire

¹⁰ plural: those x (x is fem) who are mothers(nom)

Class 3							
enk ólàt			3a	ink ólatí		4d	needs requirements
em párnàt			3a	im párnatí		4d	permanent village
ol tá à			3a	il taaí		4d	lamp
en tékè			3a	in tékèi		4d	aeroplane
ol tódò			3a	il tóoi		4d	barrel, pail
en tídù			3a	in tíduí		4d	jigger
e úmà			3a	i úmaí		4d	fork (from aum : to heap together)

\

Class 4.

Class 4							
ol marúá			4c				beer
ε nasiríé			4c				early morning
ol ηâ m			4a				wilderness
im perdéd			4c				remnants, shreds
é nuáaâ ʃ			4e	i nuáaaʃi	i	1a	sheep
ol maatf		i	4a	il máat		1d	“hopper”
ε maʃô			4a	i máʃon i máʃoí	n i	1d 4d	ceremony, feast
o sínkirrî			4a	i sínkir		1d	fish
o súyanî			4a	i súyan		1d	wild dog
en kilintâ			4a	en kilinitáni	ni	2c	little finger
endâ p			4a	indâpî	i	3a	palm of the hand
oldiâ			4a	ildiâin	in	3a	dog
ol mósorrî		i	4a	il mósòr		3a	egg
e múny			4a	i múnyî	i	3a	rhino
e ηúès			4a	i ηúési	i	3a	wild animal
e sô s			4a	i sôsi		3a	matting, screen
en tí m			4a	in tímî		3a	forest
e mótonyî			4a	il motónyi		3d	bird
en tereét			4d	in tereetí		3e	pot
en túrkulû			4a	in turkulunî		3e	dove
				i siarpíd		4c	tatters
ol ηárurúmî		i	4b	il ηarurúm		4d	maneless lion
ol ηóinôî			4a	il ηóinôí		4d	maggot
é nóô s			4e	í nóôsî	i	4e	wooden container (NB tone on D is h)
ol pû l			4a	îlpúlî		4e	place where warriors

								slaughter cattle ¹¹
é sá ǎ			4e	ísáǎĩ		4e		watch ¹²

¹¹ plural determiner has high tone

¹² determiners have high tone