A digital sketch grammar of Yawarana

o.o.2.draft

Florian Matter Natalia Cáceres Arandia Spike Gildea

2022 pylingdocs

Contents

Co	ontents	1
1	Introduction	3
	1.1 The Yawarana people and their language	3
	1.2 Location, historical records	3
	1.3 Current life	3
	1.4 Sociolinguistic vitality	3
	1.5 Previous studies on the Yawarana language	3
	1.6 This project	3
2	Phonetics and phonology	5
	2.1 Segmental phonetics and phonemes	5
	2.2 Morphophonological Processes	6
	2.3 Prosody	6
	2.4 Historical Considerations	6
3	Distinguishing parts of speech in Yawarana	7
4	Nouns	9
	4.1 Pronouns	9
	4.2 Nominal inflection	10
	4.3 Nominal Derivational Morphology	13
5	Verbal inflection	15
	5.1 Person prefixes	15
	5.2 Non-personal inflectional prefixation — is there any? Probably not?	16
	5-3 Tense-aspect-mood-polarity suffixes	16
	5.4 Subordinate Clause markers	19
	5.5 Number	19
	5.6 Copula / Auxiliary	19
6	Verbal roots and stems	21
	6.1 Deriving verbs	21
7	Adverbs	23
	7.1 Inflection	23

2 CONTENTS

	7.2 Simple adverbs 7.3 Derived adverbs	23 23				
8	Postpositions8.1 Defining the category8.2 Inflectional morphology8.3 Locative Postpositions8.4 Nonlocative Oblique Postpositions8.5 Propositional Postpositions	25 25 25 25 26 26				
9	Particles and Ideophones	27				
10	Phrases	29				
11	Nonverbal predications	31				
12	12 Simple verbal clauses					
13	13 Negation					
14	14 Questions					
15	15 Multiclausal					
16	Word order variation	41				
17	Pragmatically marked constructions	43				
18	For testing and demonstration purposes 18.1 Some unparsable forms with derivational morphology	45 45 46 47				

Introduction

- 1.1 The Yawarana people and their language
- 1.2 Location, historical records
- 1.3 Current life
- 1.4 Sociolinguistic vitality
- 1.5 Previous studies on the Yawarana language
- 1.6 This project

Phonetics and phonology

2.1 Segmental phonetics and phonemes

The consonant phonemes of Yawarana are shown in Table 2.1, and the vowels in Table 2.2. This is a fairly standard Cariban phoneme inventory, only departing from the mainstream by the addition of f.

Table 2.1: Consonant phonemes

	bilabial	alveolar	palatal	velar	glottal
occlusive nasal	/p/ /m/	/t/ /n/	/fʃ/ /ɲ/	/k/	
fricative liquid		/s/ /r/			/h/
glide	/w/		/j/		

Table 2.2: Vowel phonemes

	front	central	back
close mid	/i/ /e/	/ɨ/ /ə/	/u/ /o/
open		/a/	

- 2.1.1 Consonants
- 2.1.2 Vowels
- 2.2 Morphophonological Processes
- 2.2.1 Syllable Reduction
- 2.2.2 Vowel harmony?
- 2.3 Prosody
- 2.3.1 Lexical stress
- 2.3.2 Intonational Phrases
- 2.3.3 Intonational Melodies
- 2.4 Historical Considerations

Distinguishing parts of speech in Yawarana

Nouns

4.1 Pronouns

The personal pronouns of Yawarana are shown in Table 4.1. It shows the usual Cariban inclusive/exclusive (1+2 and 1+3) distinction. Note that the plural marker -kontomo appears to usually be restricted to verbs, while -santomo is found with third person pronouns and demonstratives.

Short forms of the first and second person pronouns can occur as proclitics attaching to nouns to indicate possessor (Section 4.2.3), attached to verbs to indicate subject or object (described in Chapter 5), or attached to postpositions to indicate object of the postposition (described in Section 8.2):

- (1) Yawarana
 uyïwïj yawë usenejkari sukuri jwama *u-y-ïwïj yawë u-senejka-ri suku-ri jwama*1-lk-house loc 1-remain-IPFV urine-PERT ***

 'I silently stay in my house.'
- (2) Yawarana mënai wëjkase chijpë wararë 'se cayó tu cosa'

Table 4.1: Pronouns

	sg	pl
1	wïrë	
1+2		ejnë
1+3		ana
2	mërë	monkontomo
3	tëwï	tëwïsantomo

10 CHAPTER 4. NOUNS

	anim		inan	
prox	sg	pl	sg	pl
	<i>kërë</i>	<i>kërësantomo</i>	eni	enijne
medial? near?	michí	mëkïsantomo	misi mërë	michisantomo michitomo
dist	mëkï?		mëjnï	mëjnijne

Table 4.2: Demonstrative pronouns / articles

(3) Yawarana

mëyaruwari, mëpëkëpene *më-yaruwa-ri më-pëkëpene* 2-laugh-IPFV 2-alone 'You just laugh.'

An open question is whether *ta-* on verbs is a reduction of *tëwï*. The third person demonstrative pronouns or articles are shown in Table 4.2. None of the demonstrative pronouns have shortened, phonologically bound counterparts.

- · Nominal Interrogative pronouns:
 - aniki 'who?'
 - ati 'what?'
 - ëjkë 'which? inan'

4.2 Nominal inflection

Nouns in Yawarana may bear suffixes for possession (Section 4.2.1) and number (Section 4.2.2), and possessed nouns may bear a third person prefix, indexing a third person possessor, or a first or second proclitic (a reduced form of the free pronoun), indexing a first or second person possessor (Section 4.2.3).

4.2.1 Suffixes for possessed and non-possessed nouns

In the possession construction in Yawarana, the possessor noun occurs immediately preceding the possessed noun, which is the head of the possession phrase. Alternatively, the possessor can appear as a bound pronominal clitic (first & second person) or a prefix (third person) on the possessed noun. The possessor noun is never marked (for instance, with genitive case), but the possessed noun (the head) is often marked by a lexically specified 'possessed' suffix, either -ru 'pert' or -ti 'pos'. Unpossessed nouns generally are unmarked, but some 15 nouns bear the suffix -të 'npert' when they appear without a possessor. Examples (4-7) illustrate the possible patterns of markedness for nouns when possessed and unpossessed. In the first category, which contains the vast majority of nouns in our corpus, the unpossessed noun is unmarked, but when possessed the suffix -ri 'pos' occurs (4). A handful of nouns is marked with -ri/-ti 'pos' when possessed and with -të 'npos' when not possessed (5). Another handful is unmarked when possessed and marked with -të when not possessed (6). The fourth logical possibility, in which the noun bears no marker of possession (or non-possession) whether possessed or unpossessed, contains very few members (only one attested so far); in this case, the difference is marked only by the presence or absence of a possessive prefix or free-form possessor (7).

4.2. NOMINAL INFLECTION 11

(4) Nouns that take a suffix only when possessed:

```
akajra-ri
               'X's bow'
                                   akajra
                                             'bow'
y-amaka-ri
               'X's yucca'
                                             'yucca'
                                   amaka
y-ántë-ri
               'X's fishhook'
                                   antë
                                             'fishhook'
               'X's garden/field'
y-ateri-ri
                                   ateri
                                             'garden/field'
               'X's eye'
                                             'eye'
ënu-ru
                                   ënu
y-ëpi-ri
               'X's medicine'
                                   ëpi
                                              'medicine'
```

(5) Nouns that take one suffix when possessed and another when unpossessed

```
yë-ri'X's tooth'yë-të'tooth'pata-ri'X's place'pata-të'(part of name) San Juan de Manapiare'y-ese-ti'X's name'ese-të'name'y-ase-ti'X's cord'ase-të'cord'
```

(6) Nouns that take a suffix only when unpossessed:

```
yëjpë 'X's bone' yëjpë-të 'bone'
petï 'X's thigh' petï-të | pej-të 'thigh'
y-aponi 'X's stool' apon-të 'stool'
```

(7) Nouns that never take a suffix, whether possessed or unpossessed:

```
i-jmëy 'his egg' ëjmëy 'egg'
```

4.2.2 Number suffixes

There are two plural suffixes that can occur on nouns, apparently freely interchangeable. What conditions the choice of suffix is not clear as of yet.

(8) Yawarana

```
waijtatomo ëjwenakase
waijta-tomo ëj-wenaka-se
mouse-PL DETRZ-vomit-PST
'The mice vomited.'
```

(9) Yawarana

```
tipapëjsejne waijtajne

tipa-pëj-se-jne waijta-jne
go.in.group-PLUR-PST-PL mouse-PL
'the mice went away.'
```

12 CHAPTER 4. NOUNS

Table 4.3: Possessive prefixes on nouns

	_C	_V
1	и-	и-у-
2	më-	më-y-
3	i-	t-

4.2.3 Argument prefixes

Person prefixes on nouns are conditioned by the initial segment (Table 4.3). C-initial nouns take third person i-, and first and second person are bare u- and $m\ddot{e}$ -. On V-initial nouns, third person is marked by t-, and first and second person combine with the linker y-. Some examples are shown in (10-25).

(10) Yawarana

```
aaa usukuru morone ta wirë usujta ta ne aaa u-suku-ru morone ta wirë u-suj-ta-\oslash ta ne *** 1-urine-pert hurting like 1PRO 1-urine-vbz-1PFV like INTS 'My urine hurts, I will urinate.'
```

(11) Yawarana

```
uyïwïj yawë usenejkari sukuri jwama

u-y-ïwïj yawë u-senejka-ri suku-ri jwama

1-LK-house Loc 1-remain-IPFV urine-PERT ***

'I silently stay in my house.'
```

(12) Yawarana

mënai wëjkase chijpë wararë 'se cayó tu cosa'

(13) Yawarana

```
tïwïj yaka waraijtokomo manikijpë

t-ïwïj yaka waraijtokomo maniki-jpë
3-house ALL man ?-pst
'He went to his house.'
```

(14) Yawarana

```
pïrarë ti iwenaru wejsapë
pïrarë ti i-wena-ru wej-sapë
nothing HSY 3-vomit-PERT COP-PFV
'Their vomit was not there.'
```

The linker also occurs with (pro-)nominal possessors:

Table 4.4: Archaic possessive prefixes on nouns

	_C	_V
1	и-	и-у-
2	<i>a</i> -	а-у-
3	i-	t-

(15) Yawarana
ejnë yemekunu
'la mano de uno'

There are some nouns (kinship terms?) that take an apparently older old second person a- (Table 4.4).

4.3 Nominal Derivational Morphology

- $\cdot V \rightarrow N$
 - -ri 'act.nzr'
 - *− -jpë*
 - * 'past.abs.nzr'
 - · 'past.act.nzr?'
 - ?-në 'infinitive / generic action nominalizer'
 - * Only intransitive verbs? no also wanumanë 'gossip, lie' and wajtënë 'dance'
 - -ni 'a.nzr'
 - *n* 'o.nzr'
 - * *n*-V-*ri* 'nonpast?'
 - * ?? n-V-jpë 'past?'
 - -sapë 'abs.nzr' (contrast with -jpë)
 - -topo 'circ.nzr'
 - -pini 'privative.nzr'?
- · Adv \rightarrow N
 - − -mï 'nzr'
- $\cdot \ Postp \to N$
 - -ano 'nzr'
- · What about -jpë on AD forms? Does it derive a noun?

14 CHAPTER 4. NOUNS

4.3.1 Misc

predicative negation of nominalized verb:

(16) Yawarana
i tari%i yarikasemijra

ta-ri yarikasemijra

say-IPFV ***

'Oh, there's nothing to laugh about.'

Verbal inflection

5.1 Person prefixes

- · Absolutive proclitics

 - *u* '1S/O'
 - *më* '2S/O'
 - * one example of (më=) '2A' on imperative verb
- · Third person
 - Ø- '3S' with intransitive verbs
 - · exception: *ij-të-ri* 'he goes' plus 2 more
 - Ø- '30' with transitive verbs with 1A or 2A; also sometimes 3A
 - ta-'3A3O'
 - * Not required, but possible
 - · Check: not in alternation with preceding O NP?
 - * ta-'30' attested on one V in the pan-Cariban "progressive" construction w/ 2nd person A
- \cdot Note that all transitive verbs are consonant-initial, whether etymologically or not because y- 'rel' is added to all vowel-initial roots
 - the y- disappears when preceded by the detransitivizer

Table 5.1: Person marking prefixes on verbs

	intr	tr
1	и-	и-
2	më-	më-
3	Ø	ta-

Table 5.2: Verbal TAM suffixes

Suffix	Function
-ri	imperfective
-jpë	past
-se	past 2?
-sapë	perfective?
-sarë	imminent future
-tëpëkë	prog.intr
pëkë	prog.tr
-sarë	imminent future

5.2 Non-personal inflectional prefixation — is there any? Probably not?

- · t-V-se is no more the t- is gone (except with tënëse 'eat' and tenise 'drink')
 - Any divergent forms with the negative?
 - * i- with intransitive negatives?
 - * *an* with transitive negatives?

5.3 Tense-aspect-mood-polarity suffixes

- · -*ja* 'neg'
- · -jrama 'proh'
- · -tojpano 'fut'
- · -se=pano 'pst=concl'
- · -saj=pano 'pfv=concl'
- · imperatives:
 - - $k\ddot{e}$ / - $t\ddot{e}$ - $k\ddot{e}$ 'imp / imp.pl'
 - -ta / -tantë-kë 'imp.mot / imp.mot.pl'

5.3.1 *-ri*

- · allomorphy:
 - - \varnothing , phonetic loss
 - -ru, assimilation
 - what about -ri? Looks like the original one...
- · diachrony: related to other -ri

- · combines with -jra:
- (17) Yawarana
 wïrë yaruwarijra###
 wïrë yaruwa-ri-jra
 1PRO laugh-1PFV-NEG
 'I don't laugh.'

5.3.1.1 Semantics

not specified for tense, just imperfective aspect:

- (18) Yawarana irëjpë tëwï waijtatomo nwajtëri irëjpë tëwï waijta-tomo nwajtë-ri then 3PRO mouse-PL dance-IPFV 'Then the mice were dancing.'
- (19) Yawarana ; kwase ejnë yaruwari? kwase ejnë yaruwa-ri how 1+2PRO laugh-IPFV 'How will we laugh?'
- (20) Yawarana
 wïrë yaruwarijra###
 wïrë yaruwa-ri-jra
 1PRO laugh-1PFV-NEG
 'I don't laugh.'
- (21) Yawarana
 uyïwij yawë usenejkari sukuri jwama
 u-y-ïwij yawë u-senejka-ri suku-ri jwama
 1-LK-house LOC 1-remain-IPFV urine-PERT ***
 'I silently stay in my house.'

5.3.2 *-jpë*

- \cdot allomorphy: none?
- · diachrony: from other -jpë

5.3.3 -se

- · allomorphy: -se/-che
- · diachrony: from participle

5.3.4 -sapë

- · diachrony and distribution: only occurs on the copula?
- · allomorphy: -sapë and -saj
- · negation: with -ja on lexical verb (22-24)
- (22) Yawarana

irë wejtane mujyampe patakaja wejsapë 'a pesar de eso no salió embarazada'

(23) Yawarana

apatakaja pïnïka wejsapë 'tal vez no salió (embarazada)'

(24) Yawarana

tayakijtëja pinika wejsapë 'tal vez no se acostó con ella'

- what about (25)? is that existential negation?
- (25) Yawarana

pïrarë ti iwenaru wejsapë

pïrarë ti i-wena-ru wej-sapë

nothing HSY 3-vomit-PERT COP-PFV

'Their vomit was not there.'

5.3.5 -sarë

(26) Yawarana

irëjpë ta ti ta konopo wejsarë konopo wejsarë irëjpë ta- \varnothing ti ta konopo wej-sarë konopo wej-sarë then say-IPFV HSY like rain COP-IMN rain COP-IMN 'Then they said: "it's raining, it's raining".

(27) Yawarana

moyochi tasarë moyochi chipokono kojpaye pinika warotari 'le dicen araña, tal vez porque la araña trabaja de noche'

5.4 Subordinate Clause markers

- · Nominalizations
- · Adverbial Clauses
 - -se 'supine'
 - -tojpe 'purpose'
 - (-jpë)=tërë 'after'
 - -tane 'concessive'
 - -sarë 'converb'
 - yawë 'simult'
 - -yapo 'neg.purp'
 - others?

What about -po?

5.5 Number

- \cdot -r $\ddot{\imath}$ =kontomo
- \cdot -se=jne=kontomo
- \cdot -se=jne=pano (-se=jne=kontom=pano?)

5.6 Copula / Auxiliary

- · Paradigm
- · Any particles? Man, wai, manai, etc?
- · Past/Perfect particles? nahkë, etc.
- · chijpë, wejsapë

Verbal roots and stems

6.1 Deriving verbs

- · denominal verbalizers: -ta, -jtë?
- · detransitivizers: s-, ëj-

Adverbs

.

7.1 Inflection

- · presumably no prefixation
- · negation:
- (28) Yawarana ¡ tari%¡ yarikasemïjra ta-ri yarikasemïjra say-IPFV *** 'Oh, there's nothing to laugh about.'

7.2 Simple adverbs

7.3 Derived adverbs

Postpositions

.

8.1 Defining the category

8.2 Inflectional morphology

Postpositions take the same inflectional prefixes as nouns (Section 4.2.1).

- 1 *u*-
- 2 *më*-
- 3 *i-/t-*?

8.3 Locative Postpositions

- $\cdot \ \ Clear \ bipartite \ Ground + Path$
- · Unproductive Bipartite X+Path?
- $\boldsymbol{\cdot}$ Other forms
- · poye
- · po
- · yatë

Table 8.1: Locative postpositions

	all	loc
inside	yaka	yawë
aquatic	?	?

- yapo
- (29) Yawarana tichikimuru peti warë patakasapë yakucho pana

'su rodilla, su pierna, salió (llaga) hacia Ayacucho'

8.4 Nonlocative Oblique Postpositions

- · *ya* ya 'erg' ?)
- \cdot ke 'instr'
- · wanai

8.5 Propositional Postpositions

- · =se 'desiderative'
- · others?

Particles and Ideophones

•

Phrases

TBD

Nonverbal predications

Simple verbal clauses

Negation

Probably relevant morphemes:

- · -ja
- · -jra
- · -jnari
- · -kempïnirë
- · pïnirë
- · pïrarë

Questions

Multiclausal

Word order variation

Pragmatically marked constructions

For testing and demonstration purposes

18.1 Some unparsable forms with derivational morphology

· combination of verb with -kempinire results in what? always used as predicate

(30) Yawarana

```
wïrë yaruwakempïnirë, mëkïsantomo a-ja-ja tajtane
wïrë yaruwakempïnirë mëkïsantomo ajaja taj-tane
1PRO *** DIST.ANIM.PL hahaha say-CNCS
'I don't laugh, but they are saying "hahaha":
```

· deverbal from tunami to an adverb, right?

(31) Yawarana

```
tëwï neke ne, tajne yakarama pokono nwarë tajne iri mïntë, tunampe tëwï neke ne ta-jne yakarama-\oslash poko-no nwarë ta-jne i-ri mïntë tunampe 3PRO CONTRAST INTS 3-PL tell-IPFV on.surface-NMLZ thus 3-PL do-IPFV there.LOC **** 'Yes indeed, they tell what they are doing there on the down-low.'
```

· deverbal nominalizer:

(32) Yawarana

```
pïrarë, seneja ejnë yarikatopo përarë sene-\oslash-ja ejnë yarikatopo nothing see.self-IPFV-NEG 1+2PRO *** 'Nothing, there's nothing for us to laugh.'
```

· probably special handling needed (copula + pëkë + ? 'because of that')

(33) Yawarana

```
nope seneja chipokono ejnë pana nope seneja chipokono ejnë yaruwatopo pirarë nope sene-\oslash-ja chipokono ejnë pana nope sene-\oslash-ja chipokono ejnë yaruwatopo good see.self-IPFV-NEG *** 1+2PRO DAT good see.self-IPFV-NEG *** 1+2PRO ^{\circ} 1+2PRO ^{\circ} 2 see.self-IPFV-NEG *** 1+2PRO ^{\circ} 2 see.self-IPFV-NEG ^{\circ} 3 see.self-IPFV-NEG ^{\circ} 3 see.self-IPFV-NEG ^{\circ} 3 see.self-IPFV-NEG ^{\circ} 4 see.self-IPFV-NEG ^{\circ} 5 see.self-IPFV-NEG ^{\circ} 6 see.self-IPFV-NEG ^{\circ} 6 see.self-IPFV-NEG ^{\circ} 7 see.self-IPFV-NEG ^{\circ} 8 see.self-IPFV-NEG ^{\circ} 9 see.self-IPFV-NEG ^{\circ} 9
```

'We don't see anything good, so we don't laugh.'

- · MCMM has *narë* as emphatic particle... is this a adverbialization?
- (34) Yawarana

```
aniki narëpe yakërë ejnë përemekïrï, ejnë pëkëpene, wanene aniki narëpe yakërë ejnë përemekï-rï ejnë pëkëpene wanene who *** *** 1+2PRO talk-IPFV 1+2PRO alone aunt 'Who are we gonna talk to? We're alone, aunt.'
```

18.2 Inline linked entities

18.2.1 Single

- 1. morph: -jne¹
- 2. morpheme: -jnë
- 3. wordform: (asamo-o-ri-jraneg)
- 4. text: "Historia personal por AnFo"

18.2.2 Multiple

- 1. morph: -jne, and -i
- 2. morpheme: -jnë, and -ru
- 3. wordform: (asamo-o-ri-jraneg,asamo-o-ri-zero)
- 4. text:

¹This is what a footnote looks like.

18.3. EXAMPLES 47

18.3 Examples

18.3.1 Interlinear

single:

(35) Yawarana
ëkëtë mërë ëkï
ëkëtë mërë ëkï
where MED.INAN manioc.beer
'Where is the chicha?'

multiple:

(36) a. Yawarana

ëkï ta rë pïrarë wenarujpë ta rë pïrarë

ëki ta rë pirarë wena-ru-jpë ta rë pirarë manioc.beer like EMP nothing vomit-PERT-PST like EMP nothing 'The chicha was gone and so was the vomit.'

b. Yawarana

ta ti wejsaj ti tëwï

ta- \oslash ti wej-saj ti $t\ddot{e}w\ddot{i}$ say-IPFV HSY COP-PFV HSY 3PRO '...he said.'

18.3.2 Other

single:

(37) yaka root -se suffix

double:

- (38) a. Hello -se 'PST'
 - b. World and more

You can even mix them:

- (39) a. Some random text in combination with an example from the corpus.
 - b. Yawarana

tipasekontomo warë irëjpë pirarë tipa-se-kontomo warë irëjpë pirarë go.in.group-PST-PL thus then nothing 'They left and were gone.'

18.3.3 Example references

(35) (36) or (36b) or even (36a-b) (37) (38) (37-38)