

A grammar of Nchane: A Bantoid (Beboid) language of Cameroon Boutwell, R.L.

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Chapter 7

Pronouns

The Nchane pronoun is defined by its coreferential characteristic. In other words, a pronoun has coreference with a noun phrase or in certain cases a larger discourse portion, for which it is substitutable. The various kinds of Nchane pronouns are presented in this chapter, with the largest portion of the chapter dedicated to personal pronouns, including simple and complex forms, which are presented in §7.1. This section also presents the so-called "class pronouns", which constitute a large subset of third-person pronouns.

Substantial attention is given to locative pronouns and the adverbial pronouns in sections 7.2 and 7.3 respectively. The chapter concludes with relatively short sections on the impersonal subject pronoun (§7.4), dummy subjects (§7.5), question word pronouns (§7.6) and other pronominals (§7.7). Note that relativizers, which have a possible analysis as relative pronouns, are described in Chapter 12.

7.1 Personal pronouns

This section describes the Nchane personal pronoun system, including simple and complex forms, as well as what I refer to for the sake of convenience as "class pronouns". The conventional category of personal pronouns includes those which encode person and number categories and typically apply primarily to humans. Class pronouns always belong to the third-person category, but also encode the category of noun class, with third-person human referents expressed through the gender 1/2 pronouns. These two types of pronouns are considered as belonging to a single set of personal pronouns.

The Nchane simple personal pronouns are given in Table 7.1, with preverbal and postverbal varieties listed separately. The pronouns for classes 16 and 18 appear in parentheses to indicate their rarity.

Person	Gender	S	SG	PL		
		Preverbal	Postverbal	Preverbal	Postverbal	
1 st		mē	mè	bē	bè	
2^{nd}		wō	wò	bēŋ	bềŋ	
3 rd	1/2	wù	wù	bó, bō	bó	
	3/4	wū	wú	yī	yí	
	5/6	chī	chí	wō	wó	
	7/8	kī	kí	bī	bí	
	9/10	yì, yī	yì	yī, yí	yí	
	14/6a	bvū	bvú	mōŋ	mó	
	19/18a	fī	fí	mūŋ	mý	
	13			chī	yí	
	16	$(f\bar{\epsilon})$	(fś)			
	18	(ā)	(wś)			

Table 7.1 Nchane personal pronouns.

The table illustrates that pronouns appearing in preverbal and postverbal positions are mostly segmentally identical for each person and number referent, but usually differ tonally. Furthermore, the class pronouns usually conservatively reflect the common agreement forms associated with their respective noun classes.

In terms of tone, there are two primary patterns observed which appear to distinguish class pronouns from those referring to people (which are henceforth referred to as "human pronouns"). Class pronouns mostly have a mid tone on preverbal forms and a high tone on postverbal forms. Exceptions are classes 1 and 9, which have a low tone on pronouns in both positions, consistent with the characterization of these classes as "low tone classes" in most of the nearby Western Grassfields languages (Hyman 1980). The class 9 and class 10 pronouns have two tonal realizations each. The source of the variation has not been identified, but could be phonological context.⁵¹ Meanwhile, the human pronouns tend to have a mid tone

⁵¹ I have observed that native speakers are acutely aware of the high grammatical tone associated with class 10, as evidenced by over-correction in cases of class ambiguity. It is believed that, because of this awareness, the realization of phonological output is sometimes altered to accommodate the perceived "highness" of class 10 forms.

7.1 Personal pronouns

in the preverbal position and a low tone in the postverbal position. As with classes 9 and 10, the third-person plural preverbal pronoun has two unexplained tonal variants.

The fact that almost all pronouns have a mid tone in preverbal position and a low tone (in the case of human pronouns) or a high tone (in the case of class pronouns) in postverbal position suggests that these tones are associated with their respective clausal positions rather than with the lexical items themselves or with specific grammatical roles. This hypothesis, while not formally investigated, is supported by example (16.20), the relevant portion of which is given below for convenience, where the postverbal focused 2sG "subject" is realized with a low tone rather than a mid tone. (See §11.4 for a discussion of how pronouns in such constructions are interpreted in terms of grammatical relations.)

(16.20)	nē	jálè	gē	wò	
	if	wrong	do	2sg	
	<i>`[0</i>	r] if YOU	Udi	id wrong'	Marriage.4.6

While the tones of pronouns in postverbal position are very stable, usually surfacing as given in the table, the tone on the preverbal pronouns are sometimes affected by grammatical tones associated with certain constructions (e.g., Durative, Stimulus, Hortative, etc.). These tone changes are discussed in the relevant sections in the verb chapter (Chapter 9).

The 1PL pronouns are often realized with a half-long vowel. This length is likely due to syllable reduction, a hypothesis that is supported by the Noni cognates **bèsèn** '1PL(exclusive)' and **bēènè** '1PL(inclusive)' (from Hyman 1981: 15), which show disyllabic forms. (Nchane generally does not distinguish between *inclusive* and *exclusive* categories, although such a distinction is observable in some of the complex pronouns described later in this section.)

Pronouns are used anaphorically, replacing an already mentioned and discourse-accessible referent, or one that is understood without full mention. Examples of simple pronouns are given in (7.1)-(7.6), which also illustrate pronouns in various syntactic and semantic roles.

(7.1) wù ké wò 3sg know 2sg *'He knows you.'*

(7.2)	wù	ŋá	mè	Ø-ŋgwề
	3sg	give	1sg.pro	c1-fishing.pole

'He gave me a fishing pole.'

Fishing.1.2

(7.3)	m ε̃ gε̃ ń-tɔ̃ bέ bī-gẽ 1sg.pro p3 1sg-come with c8-tooth	
	'I brought some money.' (lit. come with teeth)	Fire.1.4
(7.4)	bā-mì bá-dùdē lēg-è Ø-ɲ∂ fè c2-person c2-many beg-PROG c1-god at	J
	<i>`many people will be praying to God for you,</i>	, Marriage.4.1
(7.5)	n̄sā y-ē bí: wù lē, c9.friend c9-3sg.poss ask 3sg APPL	
	'Her friend asked her, '	What-goes-around.2.2
(7.6)	bɔ́ tú bέ wù jīŋ 3PL return with 3sG back	
	<i>`they returned back with him.'</i>	Land Dispute.2.2

The class pronouns function the same as human pronouns and are illustrated in (7.7)-(7.9). Class pronouns in postverbal position are somewhat rare, since inferable Objects are usually omitted (see §11.1.1 for more details) and inferable objects of prepositions are usually referred to through non-agreeing locative pronouns (see §7.2).

(7.7)	yī c9	kāsè return	уī c9	tú become	Ø-mū c1-person	wū c1ам	พอิŋ c3.world
	'It (goat) tu	rned l	back into d	a human. ' 52		Two Wives.6.3
(7.8)	wù 3sg 'He	nìlề hide <i>hid it (d</i>	kí c7 calaba	ush).'			
(7.9)		come	bé with g it (ra	yî c9 ut poison).	,		What-goes-around.3.3

 $^{^{52}}$ Note that the second c9 pronoun in this example is considered to be preverbal rather than postverbal.

7.1 Personal pronouns

As stated above, the pronouns for classes 1 and 2 are coreferential with both humans and nonhumans. Class 1 and 2 pronouns with nonhuman antecedents are illustrated in (7.10)-(7.13).

(7.10)	wù 3sg	jēn-é walk-P	ROG	chúlē well	
	ʻIt (t	he cow)	is wal	king well.'	
(7.11)	bō 3pl	tó come	bέ with	wù c1	
	' <i>t</i> h	ney came	e with i	it (the cow)'	Greedy Friends.1.4
(7.12)	c2	jí eat <i>cows at</i>	е.'		
(7.13)	wù 3sg 'He l	nīlè hide hid them	bó c2 (<i>the b</i>	askets).'	

Example (7.14) shows that a pronoun can also be used in reference to multiple entities which belong to different noun classes. It appears that, in such cases, it is the final noun in the series which licenses the pronoun.

(7.14)	bī-r	ntà	bέ	bà-ŋ	wà,	mw-ê:	mw-àŋ	mūn-chī,
	c8-c	chair	with	c2-b	ook	c18a-thing	c18a-1sg.poss	c18a-all
	 	•	,	5		bā-sā c2-ce		
		bō	tέ	gè	fyē	bà-chì		
		c2	also	Р3	burn	c2-all		
	'Ch	airs a	and boo	oks, al	ll my t	hings,my	books,certifi	cates,they also
	all	burne	d.'			- •		Fire.5.6-8

The pronominal forms generally share the segmental shape of their corresponding class prefixes (or their historical shape in some cases), as previously mentioned. However, the class 2 pronoun **b** $\hat{\mathbf{5}}$ (or third-person plural) appears to be an innovation, with the conservative pronoun **b** $\hat{\mathbf{a}}$ currently used as an impersonal

pronoun (described in §7.3), although there are times when the two pronominal forms are presumably used in place of the other. (While the pronominal forms are different, both pronouns usually license the same class 2 agreement forms. Only rarely is the form **bo**- seen as an agreement marker.)

This phenomenon is reminiscent of what is observed in some nearby Western Grassfields languages. Hyman points out that the third-person pronouns in some of those languages resemble the proximal demonstrative or the word for 'body', with the original third-person pronoun forms sometimes utilized for logophoric reference (2018a: 201). However, these innovated third-person pronouns are reflected throughout the noun class pronoun systems, suggesting common third-person root forms. The Nchane case appears to involve the class 2 pronoun only, rather than all third-person pronouns. In addition, there is obviously no correlation between the class 2 pronoun and the proximal demonstrative ($\mathbf{n}\mathbf{\bar{e}}$) or the word for 'body' ($y\mathbf{\bar{e}}$), but it does bear a striking resemblance to the third-person plural possessive pronoun root $\mathbf{b}\mathbf{\bar{o}}$.

Pronouns for the locative classes are rare and are identical to their locative pronoun counterparts (treated in §7.2), which are coreferential with prepositional phrases. Consequently, instances of these pronouns are often ambiguous regarding the type of antecedent with which they are coreferential. The antecedents in (7.15)-(7.18) are considered to be locativized nouns, and as such are illustrative of locative class pronouns.

(7.15) **fē** jùŋ c16 old

'It (the fireplace site) is old.'

(7.16) wù nīlè **f**ó 3sG hide c16

'He hid it (the palm of his hand).'

(7.17) **ā** yù bó c18 kill 3PL

'It (their stomachs) hurts them.'

What-goes-around.9.15

(7.18) wù nīlè **w**ó 3sG hide c18

'He hid it (his hand, or lit. at his arm).'

7.1 Personal pronouns

A system of compound pronouns is observed in Nchane which enables the expression of specific combinations of referents. These complex pronouns are formed by combining various simple pronouns into a single structure, a special type of pronominal construction only observed in languages spoken in Cameroon (Cysouw 2009: 183). The Nchane compound pronouns are summarized in Table 7.2.

The dashed line in the table indicates that there are two series of compound pronouns, one based on first person and one on second person. In both series, the base form, appearing to the far left, denotes a plural referent which includes the referent of the second part, appearing to the right. In other words, the base form expresses the notion of "plural" (in addition to either first or second person). The second part denotes the other member(s) of the reference. Thus, the first part is "incorporative" rather than additive (see Cysouw 2009: 171).

Example	Gloss	Meaning
bēsáwò	1pl.2sg	"me + you.sG"
bēsáwù	1pl.3sg	"me + him/her"
bēsábèŋ	1pl.2pl	"me + you.PL"
bēsābó	1pl.3pl	"me + them"
bēnéwù	2pl.3sg	"you.PL + him/her"
bēnēbó	2pl.3pl	"you.PL + them"

Table 7.2 Nchane compound personal pronouns.

The first person-based compound pronouns are formed by joining **b** \bar{e} sá with one of the non first-person pronouns (i.e., $w\bar{3}$, $w\dot{u}$, $b\bar{\epsilon}\eta$ and $b\dot{3}$). The form **b** \bar{e} sá appears to be cognate with the Noni first-person exclusive pronoun **b** \bar{e} sén (Hyman 1981: 15), although this base form is used to construct inclusive as well as exclusive Nchane compound pronouns. This pronoun element resembles the first-person plural pronoun **b** \bar{e} , which might be a derivative, as was implied earlier in this section.

Examples (7.19) and (7.20) show compound first-person pronouns in preverbal position and (7.21) and (7.22) show them in postverbal position. The examples show that an *inclusive:exclusive* distinction is expressed through these compound pronouns. The pronouns in (7.19) and (7.21) are understood as excluding the addressee, while those in (7.20) and (7.22) specifically include the addressee.

(7.19)	bēsáwù	bō	à-jô	
	1pl.3sg	descend	c18-water	
	'We (me	plus him/h	her) went down to the stream.'	Fishing.1.3

(7.20)	bēsáwò 1pl.2sg	bū-dé exit-COMPL	bé 1pl.fut	lā go.goal	mwēnē c3.garden				
	'We (me	plus you) shc	ıll go to th	ne farm.'		Jealous Husband.1.4			
(7.21)	5	0 , 1	b ēsābó 1 1pl.3pl 2	lē APPL					
	'The chief saw us (me plus them).'								
(7.22)	tádà gē T. P3	5	āwò bvi .2sg c14	ū-lī: I-fufu					

'Tada gave us (me plus you) fufu.'

The second person-based compound pronouns are formed by joining **bēné** with a third-person pronoun (i.e., **wù** or **b5**). The **bēné** element is cognate with the Noni first-person inclusive pronoun **bè:nè** (Hyman 1981: 15). These compound pronouns also may appear in preverbal and postverbal positions, as shown in $(7.23)^{53}$ and (7.24).

(7.23)bēnéwù bé jí mw-ê: 2pl.3sg Р1 eat c18a-thing 'You all (you plus he/she) ate something.' (7.24)Ø-nfjŋ gē bēnēbó 1ē yέŋ c1-chief P3 2PL.3PL see APPL

'The chief saw you all (you plus them).'

Observe that this base form expresses incorporative plurality as with the first-person base form $\mathbf{b}\mathbf{\bar{e}s}\mathbf{\bar{a}}$, which was suggested as a possible source for the first-person plural pronoun $\mathbf{b}\mathbf{\bar{e}}$. This base form, however, expresses second person plural rather first person, in spite of sharing the $\mathbf{b}\mathbf{\bar{e}}$ element.

⁵³ In this example, the H of the P1 marker following the complex pronoun is observed not to be downdrifted. A concerted study of the tonal behavior of complex pronouns has not been carried out and, therefore, this tonal realization is unexplained.

7.1 Personal pronouns

The base part of the compound pronouns can also be used with full nouns, as seen in (7.25) and (7.26), a phenomenon also observed for the nearby Ring language Aghem (Hyman 1979: 54–5).

(7.25)	bēsá	-Ø-kwà:		bē	bé	làd-é,
	1PL-C	1-wife.1s	G.POSS	1 pl	Р1	go.goal-prog
		рù COP(N)			~	

'I and my wife were going (to the farm to do work) and she CARRIED FUFU WITHOUT SOUP.' Jealous Husband.19.1

(7.26)	Ø-nfəŋ	gē	yέŋ	bēnē-tádà	lē
	c1-chief	РЗ	see	2pl-T.	APPL

'The chief saw you all (you and Tada).'

The Beboid languages Mungong and Noni also have compound pronouns (Boutwell 2014b: 25; and Hyman 1981: 17–8 respectively). Following attempted targeted elicitation, Naki (Beboid) is reported to not have them (Good et al. 2011: 63). As a part of the same study of Naki, compound nouns were attested in Ajumbu (Yemne-Kimbi) (Good et al. 2011: 42).

Mundabli (Yemne-Kimbi) was earlier reported as having compound pronouns as well, but the analysis was changed to that of "inclusory conjunction" constructions (Voll 2017: 167–72). This type of construction involves the conjoining of two nominals via a conjunction, with the first nominal described as an "inclusory conjoint", which denotes the entire set (Haspelmath 2007a: 33). Indeed, in contrast to Nchane, Mundabli appears to have a conjunctive element in these constructions. Nevertheless, the Mundabli inclusory conjunction constructions and the Nchane compound pronouns accomplish similar semantic output and should therefore be considered as two varieties of the same phenomenon. Note that the presence of compound pronouns has not been attested in any of the other Beboid languages.

7.2 Locative pronouns

There are three locative pronouns f5, y5 and yú, which are coreferential with prepositional phrases headed by the three main prepositions $f\hat{e}$ 'at', \hat{a} 'in' and $y\hat{e}$ 'on' respectively.⁵⁴ Each of these pronouns is presented in this section. As will be seen in the various examples below, the locative pronouns encode not only coreference with a nominal, but also the spatial deictic semantics associated with the preposition heading the coreferential prepositional phrase.

The corpus contains no occurrences of these pronouns in preverbal position, most likely because the canonical position for prepositional phrases is postverbal. Therefore, I assume that the locative pronouns are limited to postverbal position. The pronoun $y\dot{u}$ is also coreferential with Comitative Obliques, which are introduced by the conjunction/preposition $b\dot{\epsilon}$ 'with'. While this pronominal reference is not strictly locative, both types of $y\dot{u}$ coreference are described in this section for convenience.

Prepositional phrases headed by the preposition $\mathbf{f} \mathbf{\hat{t}}$ 'at' can be referenced with the locative pronoun $\mathbf{f} \mathbf{\hat{5}}$ 'there', which is illustrated in examples (7.27)-(7.29). Note that the preposition $\mathbf{f} \mathbf{\hat{t}}$ is used to express motion towards as well as away from, but can also express static location with some verbs (i.e., "be at" someplace). Examples of the corresponding pronoun that is coreferential with a prepositional phrase expressing motion towards are lacking in the data.

(7.27)wù já fź wù kwê fè-yēlē, there 3sg leave 3sg home c16-way fúf-è wù tΰ wù shì wù shēn 3sg come 3sg sit 3sg rest-PROG c9.liver 'He left (the farm) and returned home, and he sat and relaxed.' Jealous Husband.16 (7.28)wù mō wù búsē m-bà: fź, wù ná

 Ø-jwê:
 Iê

 c1-husband.3sg.poss
 APPL

'She just removed soup from there (the leaf) and gave [it] to her husband.' Jealous Husband.13

⁵⁴ The words **f**ènè 'there' and **yànè** 'here' are treated as locational adverbs and are described in \$8.6, although they could be interpreted as locative pronouns as well. Perhaps the primary difference between these words and the locative pronouns presented here is that antecedents for these words are not clearly identifiable as they are for the locative pronouns.

7.2 Locative pronouns

(7.29)Ø-kwēsé wú kán-è màn-kàlà wē-ē wù c1-woman c1rel fry-prog c6a-cassava.puff c1-ANA1 3sg ŋù fź bέ nsā y-è COP(N) there with c9.friend c9-3sg.poss

`...the woman who was frying cassava puff was there (in the neighborhood) with her friend.' What-goes-around.2.1

The referent object⁵⁵ of the pronoun usually occurs earlier in the text, or the referent object is inferable or generic, as in the previous examples. In rare cases, it is present in the same sentence as the pronoun, as in (7.30), where the relative clause demands the use of the resumptive pronoun. (This appears to be a special case, since relative clauses usually do not have resumptive pronouns. See Chapter 12 for more details.)

(7.30)	↑(bvū-jú) c14-place	bvù c14rel		-	-		-	
		bā-mbīlè c2-questic	•				U	
		bó yếŋ 3PL see						

'At the places where we landed, we asked ten questions of the people who came to see us.' Training.1.18

The locative pronoun y5 'inside' is coreferential with prepositional phrases headed by the preposition **à** 'in'. It is rare in the text data, occurring only three times. Examples (7.31) and (7.32) clearly show the substitutive role of the pronoun, while example (7.33) provides an illustration from the text data.

(7.31)	wū dè:		byáŋ	à	Ø-ká	lē
	3sg	cook	c10.palmnuts	in	c1-barrel	APPL

'He cooked palm nuts in a barrel.'

⁵⁵ The term "referent object" is used here rather than simply "referent" to account for the fact that the locative pronoun is coreferential with the entire prepositional phrase rather than only the object of the prepositional phrase.

(7.32)	wū	dè:	byáŋ		yś			
	3sg	cook	c10.palm	nnuts	inside			
	'He	cooked	l palm nut	s in it (a barr	el).'		
(7.33)	bā they	0		•				chùg-è wash-PROG
"they put water inside (the trough) and begin washing nuts)" Making Pa								

The final locative pronoun $y\dot{u}$ 'on.it' is coreferential with prepositional phrases headed by the preposition $y\dot{e}$ 'on', as in (7.34) and (7.35).

(7.34)gē wù kì-chídē kē-è fè-kū. wù fīsέ 3sg put c7-food.mat c7-ana1 c16-down 3sg twist yē yú, wù fīsέ yē yú c9.body c9.body on.it 3sg twist on.it "...she put the food mat on the ground and twisted her body on it multiple

times...' Two Wives.3.6

(7.35) Ø-táŋ wú-mù lé byèŋ bú **yú** c1-time c1-some COP c9.fish exit on.it

'Sometimes, fish will come out on it (the fishing line).' Fishing.1.8

As mentioned above, this pronoun is also coreferential with Comitative Obliques. But the data suggests that this pronoun can only refer to INSTRUMENTS and not ACCOMPANIMENT, even though both of these semantic roles are expressed through Comitative Obliques. Referential ACCOMPANIMENT obliques maintain the conjunction/preposition **b** $\hat{\epsilon}$ followed by an appropriate personal pronoun (see (7.9) and (7.11) above). One possible exception is described at the end of this section.

Example (7.36) illustrates the locative pronoun $y\dot{u}$ which is coreferential with a Comitative Oblique. The pronoun (in example b) has the same semantic role and occurs in the same position in the clause as its referent object (in example a), which appears in square brackets. (Although the speaker substituted "medicine" for "poison", the set of examples clearly shows the syntactic and semantic structures of the base sentence which correspond to the sentence with the pronoun.)

7.2 Locative pronouns

(7.36)	a.	wù mō wù chú ńtāŋ, lē 3sg res 3sg respond suggest COMP
		$\begin{array}{cccc} & & S_{(AGENT)} \\ b \acute{e} & b \acute{e} & m \bar{\epsilon} & w \bar{u} & w \grave{o}, & t \bar{u} & m \bar{\epsilon} \\ 1 \text{PL.COND} & ^{\text{P}}\text{COP} & 1 \text{SG.PRO} & c 1 \text{REL} & 2 \text{SG} & t \text{hen} & 1 \text{SG.PRO} \end{array}$
		$ \begin{array}{cccc} V & & O_{(EXP)} & OCOM_{(INSTR)} \\ \bar{m}\text{-}b\acute{e} & \bar{p}\text{-}y\bar{u} & w\hat{a} & w\hat{u} & [b\acute{e} & \ensuremath{\emptyset}\text{-}\acute{n}l\grave{b}] \\ 1\text{sG-P1} & 1\text{sG-kill} & already & 3\text{sG} & with & c1\text{-}poison \\ \end{array} $
		'She then suggested, "If I were you, I would have killed him with poison."' What-goes-around.3.1
	b.	lē Ø-kwēsé wέ-ē dú nō, set c1-woman c1-ANA1 say like.that
		mē mō gệ: mē jī-jò ỳchẻ yī 1sg.pro res go 1sg.pro 1sg-take c9.medicine c9reL
		$\begin{array}{llllllllllllllllllllllllllllllllllll$
		mē īj-gē: à mầŋ-kầlầ mà-à lē 1sg.pro 1sg-put in c6a-cassava.puff c6a-ANA1 APPL
		'As that woman said so, I went and brought medicine that kills rats and put it in that cassava puff.' What-goes-around.9.14

This pronoun often occurs as a resumptive pronoun in nonrestrictive relative clauses that provide additional information regarding the referent object (i.e., the relative clause's head) (cf. (7.30)). The referent object is given in square brackets in (7.37) and (7.38).

(7.37) [t	bī-dádè]	01	Da	sáŋ-ế	ye	yu
c	8-palm.branch	c8rel	they	thatch-PROG	c10.house	on.it
4	palm branche	es. which	h thev t	thatch houses	with.'	King of Trees.1.3

(7.38)Dāmūmē], bó kô: [bá wù bó gē jð 3pl catch pa D. c1rel 3pl Р3 take bó dāŋ jò yú c9.stream 3pl cross on.it

> *`...they captured Pa Damume, whom they used in crossing the stream.'* (lit. *whom they crossed the stream with him)* Land Dispute.2.3

The data have a few examples of $y\dot{u}$ which appear to express the notion of existence or living and are possibly cases of coreference with an ACCOMPANIMENT oblique. Most of these examples have the pronoun following a copula or some other element of the verb complex. The pronoun is understood to refer to a generic, inferable Comitative Oblique referent, such as 'life' or some other contextually relevant entity. For example, in (7.39) the referent must be something like 'with the fufu', while that in (7.40) is less transparent, but could be something like 'with life'.

(7.39)	Ø-jwà:, c1-husband.1sg.poss	kéfē vet	wó 2sg	fàn-è fear-prog	fy-ɛ̀: c19-thing	gē, neg2
	m̄-bà: lé yú сба-soup сор on.i	it				
	'My husband, don't fufu(?))	fear a	nything	g, there is s	1	soup is with the bus Husband.2.2
(7.40)	Ø-kwēsé wú-mù c1-woman c1-some	0	bé ^P COP	yú wū on.it c1RH	gè El P3	
	kāŋ-ē màŋ-kàlà fry-pROG c6a-cassav		Ø-nta c1-qu		lē APPL	
	(70)	1	c		cc · 1	

'There was a woman who was frying cassava puff in that quarter.' (lit. a certain woman was with life(?)) What-goes-around.1.4

The referent for the pronoun in (7.41) is even less clear, but obviously connotes "being".

(7.41)gέ fí-mí yú fy-ε: bà c19-thing NEG2 c19-some still on.it fí 1é fí nò fī gà-sē bὲ gē, c19rel c19.FUT like.that c19 divide-CAUS NEG2 COP 2pl "...nothing that will separate you, ...' (lit. not a certain thing with

existence(?)) (iii. not a certain thing with existence(?))

7.3 Adverbial pronouns nò and nē

.__ . _ .

. ...

Pronominal reference to events or situations is made through the adverbial pronouns $n\hat{\sigma}$ or $n\hat{\sigma}$ 'like.that' and $n\bar{e}$ 'like.this', which are either clause-final or clause-initial. They appear to contrast with each other and at times operate as discourse deictics. Further, they often appear to express a sense of "manner"— the doing of something in the way previously described. The pronoun $n\hat{\sigma}$ is modestly prevalent in the data, but $n\bar{e}$ is uncommon. As a result, the analysis for $n\bar{e}$ is tentative and is only briefly described at the end of this section.

Events or situations being referenced by $\mathbf{n}\hat{\mathbf{j}}$ are usually stated previously, with the coreferential pronoun relating it to a second event or situation, as illustrated in examples (7.42) and (7.43). The pronoun in example (7.42) is coreferential with the instruction given previously, that they should go before the man of God to be blessed and to sanction their marriage. The situation referenced in (7.43) is the children having eaten poison and the doctor not being able to help them.

(7.42)	↑(bēŋ	nē	lé	bēŋ	gè	nð),				
	2pl	if	COP	2pl	do	like.that				
	tú	bēŋ	lé	bēŋ	gè	fy-ê:	fī			
	then	2pl	COP	2pl	do	c19-thing	c19rel			
	bēŋ	vījo-é	S	à Ø)-nwà	ı wù	Ø-nà	1ē		
	2pl				•	k clam	•			
	'If yo	ou do	so, ya	ou hav	e dor	ne what is	required	d in the	book of God	,
									Marriage.3.8	3

(7.43)lē fí dź fí nù nð. like.that SET c19 SIT c19 COP(N) bō: gē kwī-yè bā-chī bā-ā c2.child c2-ana1 РЗ die-DISTR c2-all

> 'As it was so, all those children died (one after another).' What-goes-around.10.1

In example (7.44), the pronoun is acting as a discourse deictic, where the antecedent is the thing said by someone earlier. The reference is to the proposition made through the utterance, that they should poison the beggar.

(7.44)	ē Ø-kwēsé wέ-ē dú n ô, set c1-woman c1-ANA1 say like.that	
	nē mō gệ mē jī-jò ỳchè ISG.PRO RES go ISG.PRO ISG-take c9.medicine	
	yī bā yú:-yí bī-kfūnè yú, 9REL they kill-DISTR.PROG c8-rat on.it	
	nē ŋ-gê: ä mäŋ-kälä mà-à lē ISG.PRO 1SG-put in c6a-cassava.puff c6a-ANA1 APPL	

'As that woman said so, I went and brought medicine that kills rats and put [it] in that cassava puff.' What-goes-around.9.14

The adverbial pronoun in (7.45) appears to be part of a conventionalized prepositional phrase translated as "so". A clear antecedent is not apparent, suggesting that this prepositional phrase is a discourse device of some kind, perhaps indicating a topic shift. As this is the only example of the construction in the text data, it is not possible to substantiate this hypothesis. The prepositional phrase is realized at a higher tonal register and the pronoun itself has a long vowel.

(7.45)	(yè 1	ı .	lè),	fí	mό	fī	ŋù	1	Ē	
	on l	ike.that	APPL	c19	RES	c19	COP(N) 5	SET	
		bá-d n c2-m		0		5		5		
	'So, ma	ny peopl	e will	be pray	ing	to God	for y	ou,'		Marriage.4.1

This pronoun has a secondary function of introducing certain support clauses and complement clauses. See \$\$13.2.2 and 13.3 for descriptions of these other uses of **n** \hat{a} .

As stated in the introduction to this section, the form $\mathbf{n}\bar{\mathbf{e}}$ is rare in the data, and the analysis is tentative at this time. But as (7.46) and (7.47) show, it can co-occur with $\mathbf{n}\bar{\mathbf{o}}$, resulting in constructions that may be interpreted as "since this, then...". In (7.46), the speaker seems to be saying that, as a result of his speaking, his behavior will change. In (7.47), the people thought that, since his house burned down, then he would go hang himself.

(7.46)	nò like.that	n-jèm-é 1sg-speak-prog	à-bèŋ c18-today	nē like.this
	'As I am	saying this toda	Jealous Husband.22	
(7.47)	bā-mī c2-persor	gè ké-é 1 P3 know-pro	lē og comp	
	nò like.that <i>'People</i>	c5-compound	c5-prox bi	yé nē urn like.this <i>ny) compound burned like this, …</i> '
	1	0	Υ.	Fire.26

The form of $\mathbf{n}\mathbf{\bar{e}}$, along with the apparent proximal semantics, suggests a connection between this pronoun and the proximal demonstrative, possibly even that they are one and the same, with the use presented here representing a second function of the demonstrative. However, the form $\mathbf{n}\mathbf{\dot{s}}$ has no such demonstrative counterpart and seems to form a contrasting pair with $\mathbf{n}\mathbf{\bar{e}}$. More research is needed for a more complete analysis.

7.4 The impersonal subject pronoun

The pronoun **bā**, an obviously conservative reflex of Proto-Bantu class 2 * ba-, is used as an impersonal subject pronoun and is glossed as 'they', with the word **bā-mī** 'people' the pronoun's antecedent. It is only used for human referents, where the 3PL pronoun **bó** would otherwise be appropriate. The impersonal subject pronoun is used whenever the agent is generic or the precise identity of the agent is unimportant. The subjects in examples (7.48) and (7.49), taken from historical and procedural texts respectively, are both generic entities, referring to "people" in general.

(7.48)fē shílē fź, tέ-né fź à mū gē bā gē there in at c1-person Р3 sit they РЗ call there Ø-jī ch-é lē c5-name c5-3sg.poss APPL

> *At the place each person settled, they called the place by his name.'* History.4.1

(7.49)	bā gê:	jð:	yí	jē:	yō,	kì	yī	
	they put	c9.water	c9rel	cold	inside	COMP(K)	c9	
	jē-sē	m-mê:						
	cool-CAUS	сба-oil						
	'they ac	ld cold wat	Making Palm Oil.1.10					

The agents in example (7.50) are not necessarily generic as are those in the above examples. Here there were particular people who helped remove things from the burning houses, and the speaker surely is aware of the identities of many of them. However, while the impersonal pronoun refers to these particular people, their identities are unimportant. Therefore, the impersonal subject pronoun is used.

(7.50)mw-ē: mú yē kwè, mú-mú c18a-thing c18arel in home c18a-some bā būsè, mú-mú fyē remove c18a-some burn they

'The things in the house, some they removed, some burned.' Fire.5.1

7.5 Dummy subject

In contrast to the nearby languages like Noni (Hyman 1981) and Mungbam (Lovegren 2013), Nchane does not have a dedicated dummy subject. Cleft constructions have a gap in the subject position rather than a dummy subject. Likewise, a gap is observed in postverbal subject (agent) focus constructions whenever there is no object appearing in the preverbal position through defocalization, again in contrast to Noni and Mungbam. See §16.3.1 for a treatment of these structures.

However, one case is observed where the c19 pronoun ft is utilized as a semantically empty subject. This pronoun is coreferential with $fy-\hat{\epsilon}$ 'thing' and can refer to the overall context or situation grounding the predication as seen in example (7.51).

(7.51)	lē	wū	fú:,	fī	ghá	wù	bá:ŋ,
	SET	3sg	satisfy	c19	surpass	3sg	much
			is satisfi him muc		was very surprised' (lit. it Jealous Husband.15		

In the previous sentences of the text, the man's wife gave him food with "soup", when he thought she did not have any "soup" to give him. She has provided him with the complete meal, which he eats and is satisfied. The question of where the "soup" came from was impossible for him to answer.

7.6 Question word pronouns

Question words are presented in some depth in Chapter 14. Nevertheless, it is appropriate to look at question words in their function as pronouns. The question words $\mathbf{l}\mathbf{\dot{a}}$ 'Q' and $\mathbf{y}\mathbf{\bar{z}}\mathbf{\eta}$ 'who' occur only rarely outside of direct question constructions in the corpus. Examples (7.52) and (7.53) show that they can be used as pronouns in embedded interrogative constructions, although it appears that they are limited in their distribution, almost always following the copula $\mathbf{l}\mathbf{\dot{e}}$ and usually in cleft constructions.

(7.52)			gèn-é l go-prog				~	
	Ø-jwēŋ c1-husband.3sg.poss			5				

'As the woman was going, she stood and the husband wondered what would happen.' (lit. it is what is) Jealous Husband.4.2

(7.53)ki-ntēnē, bó gē kέm-é 1ē lé yēŋ wú 3pl РЗ c7-argument c1rel have-PROG COMP COP who kēm-è mù-ŋgà ghá Ø-mù-mù wù have-PROG c18a-power 3sg surpass c1-person-some

`...they were arguing about who was stronger...' (lit. it is who that is having strength, he passing the other) Sun and Wind.1.1

7.7 Other pronominals

As demonstrated in §6.5, certain noun modifiers are observed that can function pronominally. In other words, they occur not as modifiers in a noun phrase, but rather as the lone nominal element of a noun phrase and are coreferential with a full noun referent. These noun modifiers include possessive pronouns, the proximal demonstrative, the indefinite demonstrative, and numbers. Their occurrence as pronouns is uncommon in the text corpus. See §6.5 for specific examples.