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## Lhaovo (Maru) Post-Nominal Modifiers as True Nouns

Hideo Sawada ILCAA, Tokyo University of Foreign studies sawadah@aa.tufs.ac.jp

In Lhaovo(Maru), a Burmish language spoken in northern Burma(Myanmar), elements modifying a lexical noun are divided into two groups in terms of order relative to the lexical noun. Demonstratives (1) and attributes (2) can be both pre-nominal and post-nominal.

(1)	a. <b>cheL</b> -chinFmanH	(2)	a. <b>yiL-</b> TA-TA- <b>raH</b> chinFmanH
	<b>thi</b> s-bun		be.large-rls-attr-linker bun
	this bun		(a) large bun
	b. chinFmanH cheF		b. chinFmanH $?$ ă-yi $L$
	bun this.one		bun NPRF-be.large
	ibid.		ibid.

\*TA = abstract element triggering tonal alternation:  $F \rightarrow L$ ,  $L \rightarrow H$ ,  $H \rightarrow H$  which functions as ReaLiS sentence marker and ATTRibutive marker; NPRF = Nominalizing Prefix

Quantifiers, either numeral (3) or non-numeral (4), can only be post-nominal.

(3) chinFmanH	tă-lamL	(4)	chinFmanH	?ăl <u>a</u> pH
bun	one-clf:default		bun	all
a bun			all buns	

Noun modifiers in Lhaovo

Pre-nominal modifiers		Post-nominal modifiers		
Personal Determiner			—	
ex. yonL-TA '(s)he-ATTR'				
DEMonstrative DETerminer		Demonstrative Noun	ex. cheF "this (one)"	
ex. cheL "this"	Lexical	DEM.DET NoMinaLiZer	ex. $ch \breve{e}$ - $ru F$ 'this-nmlz'	
	Noun	DEM.DET CLassiFier	ex. chĕ-lamL 'this-clF'	
Attributive Clause		Nominalized Clause	ex. yiL-TA-TA-ruF	
ex. yiL-TA-TA-raH			'be.large-rls-attr-nmlz'	
'be.large-rls-attr-linker'		Deverbal Attribute Noun	ex. ?ä-yiL 'NPRF-be.large'	
		— accompanied by CLF	ex. ?ăyiL-lamL 'NPRF-be.large-clf'	
—		Numeral - CLF	ex. tă-lamL 'one-clf'	
		Non-Numeral Quantifier	ex. ?ălapH "all (ones)"	

The major difference between pre-nominal modifiers and post-nominal ones is that only the latter can be an argument of verb without lexical noun (under the condition that the possible range of referent is obvious to both the speaker and the addressee). In other words, the function of post-nominal modifier is not encoded by its form, unlike pre-nominal modifier.

(5) cheF-reF/chĕ-ruF(-reF) pyitL-φ-fia?F.
 this.one-ACC/this-NMLZ-ACC give-IMP-COMMAND
 Give this (to me).

cf. \*cheL-reF .... this-acc

- (6) yoŋL-fiaF **?ă-yiL**-reF vayF-TA-raH. cf. \*yiL-TA-TA-reF ... he-top NPRF-large-acc buy-rls-linker be.large-rls-attr-acc He bought a large one.
- (7) chinFmanH khŏnoH-lamL(-reF) tsoL-neŋH-?iH. šitH-lamL tsoL-neŋH. bun how.many-clf(-Acc) eat-IRL-Q 2-clf eat-IRL How many buns will you eat? — I will eat two.

An attribute noun can take a pre-nominal demonstrative determiner as in (8). Similarly, a quantifier containing a numeral can take it as in (9). A numeral quantifier is also modified by pre-nominal attribute clause(s) as in (10).

(8)	cheL-?ă-yiL	(9)	cheL-tă-yaukF	(10)	yiL-TA-TA-raH	tă-lamL
	this-NPRF-large		this-one-clf:human		be.large-rls-attr-linker	one-clf
	this large one		this person		a large one	

These facts show that a quantifier also is a non-lexical "noun", which serves as post-nominal modifier, and may be the head of NP when a lexical noun is absent.

A sequence of two non-lexical nouns can occur after the lexical noun. Though the combinations [Attribute - Quantifier] and [Attribute - Demonstrative] are more common, other combinations are also accepted if a slight pause (indicated by "/" in the examples below) is put after the lexical noun or between two non-lexical nouns.

(11) chinFmanH bun	0	tă-lamL(-reF) one-clf(-acc)	(13) chinFmanH bun	0	<i>cheF(-reF)</i> this.one(-acc)
a large bun			this large bun		
(12) chinFmanH bun	,	?ă-yiL(-reF) NPRF-be.large(-acc)	(14) <i>chinFmanH</i> bun	•	yiL(-reF) F-be.large(-ACC)
a bun, which is	s large		this bun, which is large		

Also, Sequences [Attribute - Quantifier] and [Demonstrative - Quantifier] can be an argument of verb.

- (15) ?ă-yiL tă-lamL(-reF) pyitL-φ-fia?F.
  NPRF-be.large one-cLF(-ACC) give-IMP-COMMAND
  Give a large one (to me).
- (16) ?ă-yiL cheF(-reF) pyitL- $\phi$ -fia?F. NPRF-be.large this.one(-acc) give-IMP-COMMAND Give this large one (to me).

As mentioned above, the form of non-lexical noun in itself does not encode its function. The function of non-lexical noun as post-nominal modifier is determined by the its meaning and configuration it occurs. In this regard, such sequence of nouns might have in common with apposition of nouns (17).

(17) tamFsaL-moH ?auŋFphauŋLtaŋL shaman-great PERSONAL.NAME the great shaman Aung Phaung Tang

How can the function of non-lexical nouns be described?