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Relativization, nominalization, or none of the above? Verbs in referring expressions in Movima (isolate, Bolivia)

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1 The problem

How can we do justice to the fact that in Movima, verbs can occur inside a DP ?

- (1) *[kinos kwe:ya]*
ART.F.AB woman
'the woman'
- (2) *[kinos jo'yaj]*
ART.F.AB arrive
'the one (f) who arrived'

(1) = zero relativization: 'the female one who is a woman'?

(2) = zero nominalization: 'the female arriver/arriving one'?

2 Movima: overview

Language:

- lowland Bolivia; isolate; ~500 adult/elderly speakers; endangered (no L1 learners)

Data:

- fieldwork 2001-2012 (15 months)
- annotated (transcribed and translated) oral corpus of ~26,000 intonation units/clauses (~130,000 words; 30h)

Typological characteristics:

- 5 vowels, 20 consonants
- syllable structure (C)V(C), (C)V:, (C)V
- mainly suffixing, but also reduplication and prosody-based infixation
- productive compounding and incorporation with classifier-like elements
- weak noun-verb distinction: no TAM on verbs; no case, number, gender on nouns etc.
- neither case nor agreement
- detailed reference system (articles, personal pronouns, demonstratives)
- largely configurational (predicate initial)
- two basic transitive constructions: direct (ergative) and inverse (accusative), governed by hierarchies of person, animacy, topicality

3 Nouns and verbs

Weak noun-verb distinction:

- no case, number, gender on nouns
- no tense, aspect, mood, or evidentiality on verbs

But:

- verbs need DIRECT or INVERSE marking to receive an “internal enclitic” (see below); possessed nouns, marked by an “internal enclitic”, do not contain any particular morphology
- verbal and nominal predicates are marked differently when embedded:

Embedded verbal predicate:

- (3) *[n-os iloni:-wa=Ø]*
 OBL-ART.N.PST walk-NMZ=1SG
 ‘when I walked (lit.: at my [former] walking)’

Embedded nominal predicate:

- (4) *[n-os tolkos<ya:~>ya=Ø]*
 OBL-ART.N.PST girl<NMZ.ST~>=1SG
 ‘when I was a girl (lit.: at my [former] [being a] girl)’

Some affixes can only be attached to a specific type of lexical base, for instance:

- DIRECT marking only on verbs
- verbalizing suffix *-tik* ‘make/do N’ only on nouns
- incorporation into verbs: only noun roots

Adjectives share properties of both verbs and nouns. Unlike nouns, they cannot be marked as possessed, but like nouns, they undergo reduplication in subordination.

4 Main-clause structure and the expression of arguments

4.1 Intransitive verbal predicates

Ways to express (or not) the single argument (S)

- (5) *jayna jo'yaj [us dichi:ye]*
 DSC arrive ART.M child
 ‘The boy arrived already.’

- (6) *jo'yaj--us neyru*
 arrive--3M.AB here
 ‘He arrived here.’

- (7) *jayna jo'yaj*
 DSC arrive
 ‘Then (he) arrived.’

4.2 Transitive verbal predicates

In transitive clauses, both arguments follow the predicate. Transitive verbs are either marked as DIRECT: the first (“internal”) argument after the predicate is the agent and the second (“external”) the patient; or they are marked as INVERSE: the first (“internal”) argument after the predicate is the patient and the second (“external”) the agent.

Direct transitive clauses show **ergative alignment**: the patient argument has the same properties as the single argument of an intransitive clause (i.e. P=S). The agent argument, attached more closely to the verb (“internal cliticization”), is encoded like a possessor.

- (8) *low-na=is* [os kare:ta]
 want-DR=3PL.AB ART.N.PST oxcart
 ‘They pulled the oxcart.’
- (9) *jiwa-te:-na=Ø--as*
 come-CO-DR=1SG--3N.AB
 ‘I brought it.’
- (10) *jayna tikoy-na=us* _____
 DSC kill-DR=3M.AB
 ‘Then he killed (it).’
- (11) *way-na=[os pa:kona:nak] [os ko’]*
 grab-DR=ART.N.PST fox ART.N.PST tree
 ‘The fox grabbed the tree.’

Inverse transitive clause show **accusative alignment**: the agent argument has the same properties as the single argument of an intransitive clause (i.e. A=S). The patient argument, attached more closely to the verb (“internal cliticization”), is encoded like a possessor.

- (12) a. Transitive direct
vel-na=us [is juyeni]
 watch-DR=3M.AB ART.PL person
 ‘He watched (the) people.’
- b. Transitive inverse
vel-kay-a=us [is juyeni]
 watch-INV-LV=3M.AB ART.PL person
 ‘He was watched (by the) people.’

The inverse is chosen when the patient outranks the agent in person (1>2>3), animacy (human>inanimate) or discourse topicality (topical>less topical).

Cf. possessor encoding, identical to “internal argument” encoding:

- (13) *jay<a>mol-a=us* [isnos alwaj-a=us]
 call<DR>-LV=3M.AB ART.F.PST spouse-LV=3M.AB
 ‘He called his wife.’

- (14) *[us alwaj-a=[isnos a:na=u]]*
 ART.M spouse-LV=ART.F.PST younger_sibling=3M
 ‘his younger sister’s husband’

4.3 Nominal predicates

Unpossessed nouns: S is expressed in the same way as with verbs.

- (15) *itila:kwa [kis majniwa=sne]*
 man ART.PL.AB offspring_of=3F.AB
 ‘Her children are boys.’

- (16) *tolkosya--'ne*
 girl--3F
 ‘She (is a) girl.’

- (17) *rulrul ___ jayna*
 jaguar DSC
 ‘It (was) already (a) jaguar.’ (a transformed human)

Possessed nouns as predicates (rare):

- (18) *jayna pekato=sne [os jeya=sne]*
 DSC sin=3F.AB ART.N.PST state_of=3F.AB
 ‘Her sin (was) her behavior.’

- (19) *jeya=sne jayna*
 state_of=3F.AB DSC
 ‘(That’s) how she is now (lit.: “[It is] her state now”).’

- (20) **pa:ko=us--k-as*
 dog=3M.AB--OBV-3N.AB
 (intended meaning: “It is his dog.”)

(Here, a “cleft” construction with initial pronoun is used)

5 The status of verbs in DPs

5.1 Relative clauses?

Bickel 2011: 428: “Relative constructions turn a propositional expression into a referential one, for example, a clause like *he read it* into *the one he read*.”

Citko 2004: “light-headed relative clause”: RCs headed by “morphologically ‘light elements’”, e.g. demonstratives or wh-words → in Movima, a determiner (article)

Properties of Movima relative clauses (RCs):

- RCs follow their head

- Headed RC are introduced with the particle *di*‘
- The relativized argument is gapped
- Any content word can form the predicate of a relative clause
- Only the external argument can be relativized

- (21) RC with intransitive verb
- a. *[is rulrul di' ji<wa:~>wa]*
 ART.PL jaguar REL come<MD~>
 ‘the jaguars that came’
- b. *[is ji<wa:~>wa]*
 ART.PL come<MD~>
 ‘the (ones that) came’
- (22) RC with transitive verb (direct)
- a. *[is majni=∅ di' vel-na=us]*
 ART.PL offspring=1SG REL watch-DR=3M.AB
 ‘my children, who he looked after’
- b. *[is vel-na=us]*
 ART.PL watch-DR=3M.AB
 ‘the (ones) he looked after’
- (23) RC with transitive verb (inverse)
- a. *[kis senyo:ra di' vel-kay-a=sne]*
 ART.PL.AB lady REL watch-INV-LV=3F.AB
 ‘the ladies who look after her’
- b. *[kis vel-kay-a=sne]*
 ART.PL.AB watch-INV-LV=3F.AB
 ‘the (ones who) look after her’
- (24) RC with unpossessed noun
- a. *[os ya:ya=as di' rulrul]*
 ART.N.PST uncle=3N.AB REL jaguar
 ‘his (the fox’s) uncle, who (was a) jaguar’
- b. *[os rulrul]*
 ART.N.PST jaguar
 ‘the jaguar’
- (25) RC with possessed noun
- a. *[is dichi:ye di' majni=∅]*
 ART.PL child REL offspring=1SG
 ‘my children (lit. “the children who [are] my offspring”)’
- b. *[is majni=∅]*
 ART.PL offspring=1SG
 ‘my children’

5.2 Antipassive

The verb in an RC is detransitivized to relativize the agent (this is the case when the agent outranks the patient; the inverse, cf. (23), is not possible then). The detransitivation is usually only found with direct-marked verbs, i.e. it functions as an antipassive.

VALDECR *kwey/kaw*:

A → S

P → oblique

(26) RC with detransitivation:

a. [*kinos kwe:ya di' kaw vel-na n-isko*]
 ART.F.AB woman REL VALDECR watch-DR OBL-PRO.PL.AB
 'the woman who looks after them'

b. [*us kaw vel-na n-is waki:ya*]
 ART.M VALDECR watch-DR OBL-ART.PL calf
 'the one who looked after the calves'

5.3 Negation

The predicate inside an RC is negated with the particle *loy*. This is different from main clauses, which are negated with a negative copula, *ka* (and show systematic nominalization)

Main-clause negation:

(27) *kas joy-wa=is*
 COP.NEG:DET go-NMZ.EVT=3PL.AB
 'They did not go (lit.: Their going was not).'

RC negation:

(28) a. [*is juyeni di' loy joy-wa n-as lo:los*]
 ART.PL person REL NEG.SUB go-NMZ.EVT OBL-ART.N village
 'the people who do not go to the village'

b. [*is loy joy-wa n-as lo:los*]
 ART.PL NEG.SUB go-NMZ.EVT OBL-ART.N village
 'the ones (who) do not go to the village'

5.4 Or is it nominalization?

Inserting a verb inside a DP might also be considered a participant nominalization, deriving a noun that denotes S of an intransitive predicate, P of a direct-marked predicate, or A of an inverse-marked predicate.

An argument favouring this analysis is that ALL nouns can occur as predicates of RCs, including possessed nouns (see (25)), whereas not all nouns can occur as predicates of all

basic clause structures (see (20) above). Furthermore, the operations found in RCs also apply to DPs with nouns (productive, but rare):

“Antipassive” with a noun:

VALDECR *kwey/kaw*:
 possessor → possessee
 possessee → oblique

- (29) a. [*us a:na=is*]
 younger_sibling=3PL.AB
 ‘their younger brother’
- b. [*is kwey a:na (n-usko)*]
 ART.PL VALDECR younger_sibling OBL-PRO.M.AB
 ‘(his) older siblings (or: the ones who have [him as] younger sibling)’

Nominal negation:

- (30) [*kos loy rey mowimaj-te*]
 ART.N.AB NEG.SUB MOD Movima-NMZ.ST
 ‘the one/someone who is not (a) Movima.’

6 Conclusion

To sum up:

- The predicate in a “verbal DP” is a / shares the properties of a relative clause
- The predicate in a “verbal DP” is a / shares the properties of a noun
- ➔ The placement of a verb inside a DP can be considered a (zero) relativization or (zero) nominalization.

However:

- The distinction between nouns and verbs is difficult to make; when are we dealing with a simple noun vs. with an RC/a nominalization?
- Nouns can also function as main-clause predicates; the difficulty of possessed nouns (and also proper nouns) to occur in all main-clause structures could eventually be due to a functional restriction on specific predicate nominals
- As a consequence of the analysis, nouns in main-clause predicate function would also have to be considered (zero) verbalized
- ➔ Assuming a zero-marked operation, just because in more familiar languages some operation would be necessary to arrive at the constructions seen here, seems like an unnecessary complication of the facts.

A more attractive proposal:

All classes of Movima content words (verbs, nouns) can be considered basically predicates. In clause-initial position they are main-clause predicates, in subordinate position (i.e. inserted in a DP or in a relative clause) they are syntactically subordinate predicates that characterize the referent of the preceding referential element/phrase (the head).

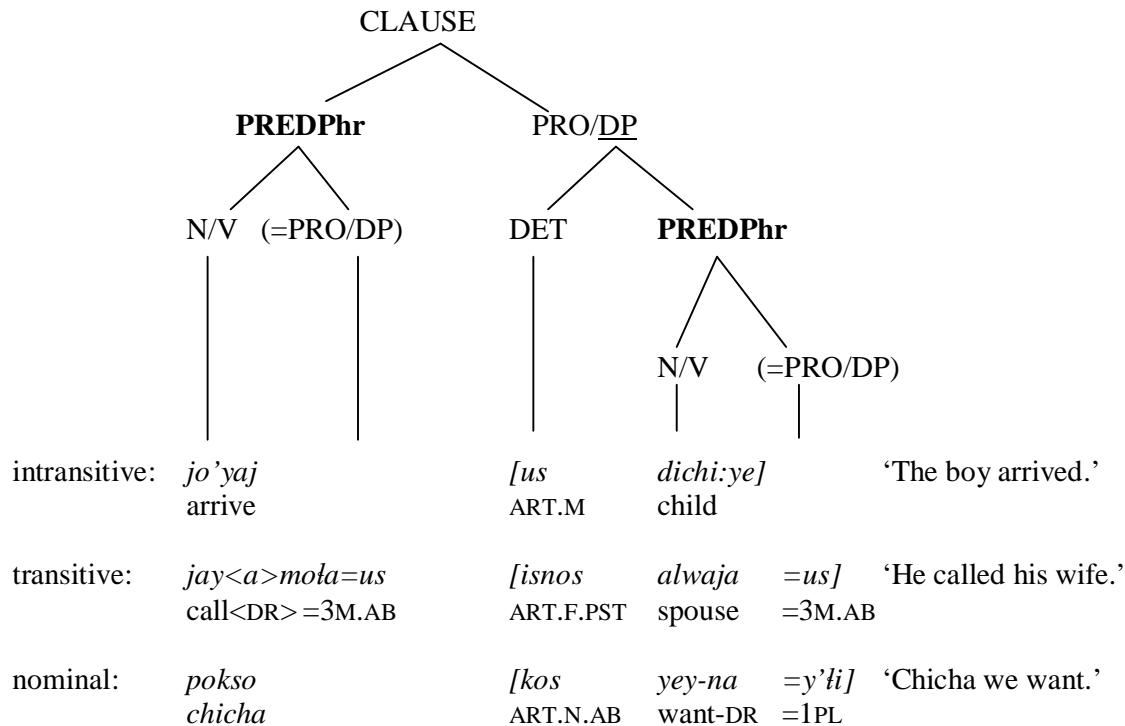


Figure 1. Hierarchical representation of a Movima clause

References

- Bickel, Balthasar. 2011. Grammatical Relations Typology. In *The Oxford Handbook of Grammatical Relations*, Jae Jung Song (ed.), 399-444. Oxford: Oxford University Press.
- Citko, Barbara. 2004. On headed, headless, and light-headed relatives. *Natural Language and Linguistic Theory* 22: 95-126.
- Haude, Katharina. 2006. *A Grammar of Movima*. Doctoral thesis, Radboud Universiteit Nijmegen. (http://webdoc.uhn.ru.nl/mono/h/haude_k/gramofmo.pdf)
- Haude, Katharina. To appear. From predication to reference in Movima. In *Individuation et référence nominale à travers les langues*. Bonnot, Christine, Outi Duvallon et Hélène de Penanros (eds). Paris: Presses de l'INaLCO.
- Launey, Michel. 2004. The features of omnipredicativity in Classical Nahuatl. *Sprachtypologie und Universalienforschung (STUF)* 57(1). Berlin: Akademie Verlag.

Symbols and abbreviations

= internal cliticization; -- external cliticization; ~ reduplication; < > infixation
 AB=absent; ART=article; CO=co-participant; COP=copula; DET=determiner; DP=determiner phrase; DR=direct; DSC=discontinuous; EVT=event; F=feminine; INV=inverse; LV=linking vowel; MD=middle voice; MOD=modal; N=neuter; NMZ=nominalizer; OBL=oblique; OBV=obviative; PL=plural; PREDPhr=predicate phrase; PRO=pronoun; PST=past; REL=relativizer; SG=singular; ST=state; VALDECR=valency decreaser.