Where are the possessors?*

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October 15, 2014

Abstract

In this paper I question the widely accepted idea that nominal possessors are analogous to subjects of transitive verbs (“external subjects”). This idea is founded upon the existence of languages whose morphology marks nominal possessors and subjects of transitive verbs alike (Abney, 1987). Here I introduce languages whose morphology marks nominal possessors and subjects of intransitive verbs alike. Unlike subjects of transitive verbs, subjects of intransitive verbs can be generated in a variety of structural positions (Hale and Keyser, 1993). This fact creates difficulties for the determination of the structure of possessed noun phrases.

Keywords: possessors, subjects, noun phrase, Bororo, Kĩsêdjê, Nias, Paresi, Tzutujil, Yup’ik

Resumo

1 Questioning a widely accepted view

Abney (1987) introduces and develops the idea that nominal possessors are structurally analogous to subjects of transitive verbs. Except for changes in implementation, his proposal can still be regarded as the standard theory of nominal possession in Generative Grammar. If textbook presence is a good correlate of acceptation of a theory, note that among the textbooks that follow Abney in assuming that nominal possessors are structurally analogous to subjects of transitive verbs are Adger (2003), Radford (2004) and Carnie (2006) (see also Bernstein 2001, a survey paper on noun phrases). In this paper I present data that challenges the hypothesis that nominal possessors are syntactically analogous to subjects of transitive verbs. In the class of languages I introduce here, nominal possessors are treated analogously to subjects of intransitive verbs. Before I introduce this novel class of languages, though, let me discuss and contextualize the languages Abney (1987) bases his theory on.

The support for Abney’s theory comes from languages whose morphology treats nominal possessors and subjects of transitive verbs alike. One of these languages is Yup’ik (Eskimo, Alaska). In Yup’ik, nominal possessors and subjects of transitive verbs display identical case marking (ergative). The relevant data, from Abney (1987, p. 42) is repeated below as (1) and (2). Abney cites Reed et al. (1977) as the source of this data.

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I would like to thank my Bororo and Kĩsêdjê teachers, as well as Livia Souza for useful discussion and comments. The errors remain all mine. The research reported in this paper was partially funded by FAPESP and CNPq. This is a slightly revised version of (Nonato, 2014b)

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1 I follow Abney (1987) in employing noun phrase as a descriptive term, intended as neutral as to whether these phrases are headed by a noun or by a determiner, and the terms NP and DP to indicate a phrase headed by a noun and a phrase headed by a determiner.
(1) Yup’ik transitive verbs
   a. Angute-m kiputa-a-∅.
      man -ERG.SG buy -AGR₀-AGRₛ
      ‘The man bought it.’
   b. Angute-t kiputa-a-t.
      man -ERG.PL buy -AGR₀-AGRₛ
      ‘The men (pl.) bought it.’
   c. Angute-k kiputa-a-k.
      man -ERG.DU buy -AGR₀-AGRₛ
      ‘The men (du.) bought it.’

(2) Yup’ik possessed nouns
   a. angute-m kuiga∅
      man -ERG.SG river -AGRₛ
      ‘the man’s river’
   b. angute-t kuiga-t
      man -ERG.PL river -AGRₛ
      ‘the men’s (pl.) river’
   c. angute-k kuiga-k
      man -ERG.DU river -AGRₛ
      ‘the man’s (du.) river’

Another language Abney discusses is Tzutujil (Mayan, Guatemala). Like Yup’ik, Tzutujil also treats nominal possessors and subjects of transitive verbs alike morphologically. Note that in Tzutujil the evidence supporting Abney’s theory is of a different kind than in Yup’ik. Whereas in Yup’ik nominal possessors and subjects of transitive verbs were treated alike in terms of case marking, in Tzutujil nominal possessors and subjects of transitive verbs are treated alike in terms of agreement: in Tzutujil, nouns agree with with their possessors in the same way transitive verbs agree with their subjects.²

The examples in (3) and (4) illustrate the statement that verbal agreement in Tzutujil follows an ergative-absolutive pattern. The full set of Tzutujil agreement morphemes is listed on Table 1.

Table 1: Tzutujil agreement markers

<table>
<thead>
<tr>
<th>1sg.</th>
<th>2sg.</th>
<th>3sg.</th>
<th>1pl.</th>
<th>2pl.</th>
<th>3pl.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS</td>
<td>in-</td>
<td>at-</td>
<td>∅-</td>
<td>oq-</td>
<td>ix-</td>
</tr>
<tr>
<td>ERG</td>
<td>nuu-</td>
<td>aa-</td>
<td>ruu-</td>
<td>qa-</td>
<td>ee/-e-</td>
</tr>
</tbody>
</table>

(3) Tzutujil transitive verbs
      ASP-2.PL.ABS-1.PL.ERG-cure
      ‘We cured you (pl.)’
   b. X- ∅- e- kumaaj.
      ASP-3.SG.ABS-2.PL.ERG-cure
      ‘You (pl.) cured him.’
   c. X- ee- ki- kumaaj.
      ASP-3.PL.ABS-3.PL.ERG-cure
      ‘They cured them.’

(4) Tzutujil intransitive verbs
   a. X- oq- wari.
      ASP-1.PL.ABS-sleep
      ‘We slept.’
   b. X- ix- wari.
      ASP-2.PL.ABS-sleep
      ‘You (pl.) slept.’
   c. X- ee- wari.
      ASP-3.PL.ABS-sleep
      ‘They slept.’

As you can see in (5) Tzutujil nouns agree with their possessors in the same way transitive verbs agree with their subjects (that is to say, using the ergative set of agreement morphemes). The

² Though Yup’ik nouns do agree with their possessors in the same way verbs agree with their subjects (see 1-2), the fact that verbal agreement in Yup’ik follows a nominative-accusative rather than an ergative-absolutive alignment (unlike Tzutujil) makes it impossible to state whether agreement in Yup’ik aligns possessors with subjects of transitive or with subjects of intransitive verbs.

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Tzutujil data was copied from Abney (1987, p. 43), who cites Dayley (1985) as its source.

(5) ‘Ergative’ agreement with possessors

a. qa- tzaʔn
   1.PL.ERG-nose
   ‘Our nose’

b. ee- tzaʔn
   2.PL.ERG-nose
   ‘Your (pl.) nose’

c. kee- tzaʔn
   3.PL.ERG-nose
   ‘Their nose’

Besides languages like Yup’ik and Tzutujil, whose morphology distinguishes subjects of transitive from subjects of intransitive verbs (ergative-absolutive morphology), Abney also discusses languages whose morphology doesn’t mark that distinction (nominative-accusative morphology). I won’t discuss the latter here, since they don’t provide any evidence as to whether possessors are analogous to subject of transitive or to subjects of intransitive verbs. Only ergative-absolutely aligned phenomena like those found in Yup’ik and Tzutujil can provide us with clear evidence as to whether nominal possessors pattern with subjects of transitive verbs (ergative subjects), or with subjects of intransitive verbs (absolutive subjects).

This detail has played an important role in Abney’s (1987) theory of possessors as well as in the more recent theories of possession that follow Abney’s insight (see, e.g. Bittner and Hale 1996, p. 60, Radford 2000 and Alexiadou, Haegeman, and Stavrou 2007). In Abney’s original theory as well as in the more recent theories it inspired, subjects are assumed to be generated in a nominal position analogous to the clausal position in which subjects of transitive verbs are generated. Moreover, nominal possessors are taken to undergo similar types of syntactic operations as subject of transitive verbs.

The assumption that possessors are analogous to subjects of transitive verbs rather than subjects of intransitive verbs —notwithstanding its specific morphosyntactic implications— is challenged by the existence of ergative-absolutive languages where nominal possessors actually pattern with the subject of intransitive verbs. In spite of the fact that this class of languages isn’t mentioned by either Abney (1987) or any of the more recent theories of possession that follow Abney’s insights, such languages are far from unheard of.

One language that marks possessors analogously to subjects of intransitive verbs is Kĩsêdjê (Jê, Brazil). The Kĩsêdjê data used here was collected in fieldtrips I took between 2008 and 2013. I thank my many teachers, in special Kawiri Suyá and Jamthô Suyá. See Nonato (2014a) for a more complete description of Kĩsêdjê.

(6) Kĩsêdjê transitive verbs

a. Ire a- mum khêrê.
   1.ERG 2.ABS-seeemb not.be
   ‘I didn’t see you.’

b. Kare i- mum khêrê.
   2.ERG 1.ABS-seeemb not.be
   ‘You didn’t see me.’

c. Kôre Ø- mum khêrê.
   3.ERG 3.ABS-seeemb not.be
   ‘She/He didn’t see her/him.’

(7) Kĩsêdjê intransitive verbs

a. I- thêm khêrê.
   1.ABS-goemb not.be
   ‘I didn’t go.’

b. A- thêm khêrê.
   2.ABS-goemb not.be
   ‘You didn’t go.’

c. Ø- Thêm khêrê.
   3.ABS-goemb not.be
   ‘He didn’t go.’

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3 The Kĩsêdjê data used here was collected in fieldtrips I took between 2008 and 2013. I thank my many teachers, in special Kawiri Suyá and Jamthô Suyá. See Nonato (2014a) for a more complete description of Kĩsêdjê.

4 Negation is a predicate and takes an embedded clause as argument.
As you can see in (8), Kĩsêdjê case-marks possessors of inalienable nouns like subjects of intransitive verbs (i.e. with absolutive case). Unlike Yup’ik and Tzutujil, in Kĩsêdjê possessors are treated analogously to subjects of intransitive, rather than those of transitive verbs.

(8) Kĩsêdjê inalienable nouns

<table>
<thead>
<tr>
<th>Possessor</th>
<th>Case</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>i- pãmã</td>
<td>1.ABS</td>
<td>‘my father’</td>
</tr>
<tr>
<td>a- pãmã</td>
<td>2.ABS</td>
<td>‘your father’</td>
</tr>
<tr>
<td>Ø- pãmã</td>
<td>3.ABS</td>
<td>‘His/her father’</td>
</tr>
</tbody>
</table>

Besides Kĩsêdjê, other ergative-absolutive languages that mark nominal possessors analogously to subjects of intransitive verbs are Bororo (Macro-Jê, Brazil, Nonato 2007, p. 34), Nias Selatan (Austronesian, Nias Island, Brown 2001, p. 342 and C. Donohue and M. Donohue 2010, p. 4) and possibly also the Celtic languages (Awbery 1986 and Harlow 1989, as cited by Brown 2001, p. 342, fn. 1). The examples in (9) and (10) below illustrate the case system of Nias Selatan and the examples in (11) and (12) illustrate the case of Bororo.

(9) Nias Selatan has ergative-absolutive case-marking

a. Intransitive verb (absolutive subject)
   Manavuli sui [n- ama-da Tohõnavanaetu] ba Maenamölö.
   return again ABS-father-1.PL.INC.GEN Tohõnavanaetu LOC Maenamölö

   ‘Ama Tohõnavanaetu came back again to Maenamölö’

b. Transitive verb (absolutive object)
   I-a [m- bavi] [ama Gumi.]
   3.SG.REALIS-eat ABS-pig father G.

   ‘Ama G. is eating/eats pork.’

(10) Nias Selatan’s possessors are absolutive

   bavi [n- ama-gu ]
   pig ABS-father-1.SG.GEN

   ‘My father’s pigs’

In Bororo, agreement aligns possessors with absolutive arguments. Agreement is obligatory with possessors, subjects of intransitive verbs and objects, but it is not obligatory with subjects of transitive verbs —in (11b), for instance, no agreement with the subject of the transitive verb is expressed. Note that the variation found among the agreement markers in the examples below is allophonic.

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5 Alienable nouns are marked with a possessive auxiliary, whose form indicates the specific kind of possession:

(i) i-kit khrwâj (ii) i-nho khrwâj
   1.ABS-pet parrot 1.ABS-food parrot
   ‘my (pet) parrot’ ‘my parrot (meat)’

6 Ama ‘father’ is obligatorily used as part of male names in Nias.
Bororo displays ergative-absolutive agreement

a. Subject of intransitive verb
   Emage et- aragüdıü.
   They 3.PL-cry
   ‘They cried.’

b. Object of transitive verb
   Adugo=re emage e- wido.
   jaguar=ASSERT. they 3.PL-kill
   ‘The jaguar killed them.’

Absolutive agreement with possessors

emage en- ogwa
they 3.PL-mouth
‘their mouths’

The existence of this class of languages poses a problem for the standard theories of possession, namely those that get their inspiration from Abney’s hypothesis that possessors are analogous to subjects of transitive verbs. Can these theories also deal with the class of languages in which possessors are analogous to subjects of intransitive verbs?

In order to proceed to that discussion, we need to understand how the perception that nominal possessors are analogous to subjects of transitive rather than those of intransitive verbs has influenced syntactic theories of possession. This influence is linked to the derivation assumed for subjects at different epochs of Generative Grammar. I will discuss these points in the next section.

2 The structure of possession

Along the various eras of the Generative Grammar, quite unambiguous syntactic derivations have been proposed for subjects of transitive verbs. For subjects of intransitive verbs, on the other hand, different derivations have been proposed according to verb type (which includes at least unergative and unaccusative).

In what follows I will characterize the derivations proposed at various points in the history of Generative Grammar for subjects of transitive verbs, as well as the parallel derivations proposed for possessors. Afterwards, I will discuss the derivations proposed for subjects of intransitive verbs and discuss how the fact that the latter constitute a much less uniform class prevents a straightforwardly parallel derivation for possessors.

Abney (1987) assumed, as was standard at the time, that subjects of transitive verbs were generated in [Spec, IP]. Naturally, he proposed that possessors were generated in [Spec, DP]. IP was assumed to dominate VP and, analogously, Abney assumed that DP dominated NP. The clausal structure standardly assumed at the time is given in (13), and the noun phrase structure Abney proposed is given in (14).

Abney’s clause structure

Abney’s noun phrase structure
Abney's theory predates the advent of VP-internal subject hypothesis (VISH). The VISH, a development of the late 80's and early 90's, was proposed more or less simultaneous by a number of different authors (for an overview of its history, see McCloskey 1997). According to an earlier version of the hypothesis, rather than being generated in [Spec, IP], subjects were generated in [Spec, VP] and could, depending on the syntactic characteristics of a specific language, later be dislocated to [Spec, IP]. The structure and derivation of VP-internal subjects is illustrated in (15).

(15) Derivation of subjects according to the VISH

A later development of the VISH, due to Kratzer (1994, 1996) and Chomsky (1993, 1995), consists in proposing that subjects are generated as specifiers of a light verbal head which takes VP as complement, rather than as specifiers of VP itself. Kratzer calls this light verbal head Voice and Chomsky calls it v (little v). Chomsky's nomenclature seems to have gotten more traction, and this is why I am going to be sticking to it. The derivation of subjects according to the vP-internal subject hypothesis (vISH) is (16).

(16) Derivation of subjects according to the vISH

Updating Abney's theory of nominal possessors according to the VISH or the vISH is elementary (see, for instance, Bittner and Hale 1996). Assuming the VISH, in which transitive subjects would be generated in [Spec,VP], possessors are generated in [Spec,NP] and later dislocated into [Spec,DP] (17). Assuming the vISH, according to which subjects are generated in [Spec,vP], possessors are generated in the specifier of a light nominal projection dominating NP (n 'light little n') and later move into [Spec,DP] (18).

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There actually are small but important differences between Kratzer's and Chomsky's proposals, which I won’t discuss here because they aren’t relevant for the phenomenon under discussion.
Abney ignored the existence of languages where possessors pattern with subjects of *intransitive* verbs. Had he not, and were he to propose a derivation for possessors that paralleled the derivation of subjects of *intransitive* verbs, would it be different from (14)?

Possibly not. Abney’s theory predates the important contribution for the understanding of the syntax of intransitive verbs that is due to Hale and Keyser (1993). At the time Abney developed this work, subjects of transitive as well as subjects of intransitive verbs were supposed to be generated in [Spec,IP]. Hale and Keyser’s influential work established a distinction between intransitive verbs with “external” subjects and intransitive verbs with “internal” subjects. That is, subjects of intransitive verbs can be generated either in [Spec, VP/VP] (external) or in [Comp, VP] (internal). The former is the derivation of subjects of unergative verbs, which pattern with subjects of transitive verbs, whereas the latter is the derivation of subjects of unaccusative verbs, which pattern with subjects of passive verbs. Then, in a later stage of the derivation, subjects can be dislocated to [Spec, IP]. The syntactic trees in (19) and (20) show these derivations.

Given these two possibilities, would we want to say that possessors in languages like Yup’ik and Tzutujil are ‘external’, and should be attributed a structure analogous to that of subjects of unergative/transitive verbs (21), whereas in languages like Kisêdjê, Bororo and Nias Selatan possessors are

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8 Note that though I am assuming the VISH rather than the vISH in the structures in (21) and (22), nothing hinges on this.
‘internal’, and should be attributed a structure analogous to that of subjects of unaccusative/passive verbs (22)?

(21) ‘Unergative’ possessors

(22) ‘Unaccusative’ possessors

Proposing that in different languages possessors are generated in different positions would be a problem for the standardly UTAH (Uniformity of Theta-role Assignment Hypothesis, Baker 1988). According to the UTAH, a thematic role should be identified with a single syntactic position cross-linguistically, never with different positions in different languages.

Alternatively, we can maintain the UTAH if we manage to correlate the fact that there exist two types of possession — alienable and inalienable — with the fact discussed in this paper that some possessors are correlated with subjects of transitive/unergative verbs and some with subjects of unaccusative/passive verbs.

This road also doesn’t seem too promising, since alongside languages that make the distinction between alienable and inalienable subjects and have inalienable possessors that pattern with subjects of unaccusative/passive verbs (like Bororo and Kísèdjé), there are also languages that make that distinction and in which inalienable possessors pattern with subjects of transitive verbs. One such language is Paresi (Arawak, Brazil, da Silva 2013).

In Paresi, transitive verbs don’t display subject agreement, whereas intransitive unaccusative verbs do. Unlike Kísèdjé and Bororo, possessors of inalienable nouns in Paresi pattern with subjects of transitive verbs — (23a) and (24a) —, whereas possessors of alienable nouns pattern with the subjects of intransitive unaccusative verbs — (23b) and (24b).

(23) a. Inalienable nouns don’t agree

   no= kano
   I= arm
   ‘my arm’

b. Alienable nouns agree

   no= kahatse<r>-i
   I= fish<CL>-1.SG
   ‘my fish’

(24) a. Transitive verbs don’t display agreement

   No= tyoma-∅.
   I= make-PERF
   ‘I made it.’

b. Unaccusative verbs display agreement

   No= zan-i-∅.
   I= go-1.SG-PERF
   ‘I went.’
At the current stage, it doesn’t seem possible to account satisfactorily for the possibilities displayed by the various languages reviewed in this paper. I hope, however, to have convinced the reader that the consensus that appears to have been reached in the area is illusory. We still can’t pinpoint where possessors are.

References


The Possessors are an alien race that can take mental and physical control of a host when they enter their bodies. These aliens can become intangible in their astral form and possess the ability to levitate and hover above the ground. These aliens can also form a shield barrier over their body composed of a strong rock-like substance that can protect them from some physical and mental attacks. This edit will also create new pages on Comic Vine for: Beware, you are proposing to add brand new pages to the wiki along with your edits. Make sure this is what you intended. This will likely increase the time it takes for your changes to go live. The Possessors (French: Les Grandes familles) is a 1958 French drama film directed by Denys de La Patellière, starring Jean Gabin, Pierre Brasseur, Bernard Blier, Jean Desailly, Françoise Christophe and Annie Ducaux. It tells the story of a forceful tycoon wholly devoted to the business he has nurtured, at the expense of his family and above all his only son. The screenplay is based on the novel Les grandes familles by Maurice Druon, which won the Prix Goncourt in 1948. Besides, there are a lot of cases where, even with people, you cannot use ‘s. So here are the main forms of “possession”, and some examples to remember: The first thing to determine is: is the “possessor” animate or inanimate? 1) Animates: HUMAN POSSESSIORS, OR ASSIMILATED: 1.1. In cases of true possession: ‘s is normal. In many cases it will be essential. A1) The lady’s car wouldn’t start. A2) The dog’s ball was red. With qualities, attributes or actions: ‘s is common. Possessor: Directed by Brandon Cronenberg. With Gabrielle Graham, Hanneke Talbot, Matthew Garlick, Daniel Park. Possessor follows an agent who works for a secretive organization that uses brain-implant technology to inhabit other people's bodies - ultimately driving them to commit assassinations for high-paying clients. Possessor follows an agent who works for a secretive organization that uses brain-implant technology to inhabit other people's bodies - ultimately driving them to commit assassinations for high-paying clients. Possessor follows an agent who works for a secretive organization that uses brain-implant technology to inhabit other people's bodies - ultimately driving them to commit assassinations for high-paying clients. Possessor. There are a few different ways to form the possessive of a noun. We’ll discuss these ways below. Here’s a tip: Want to make sure your writing always looks great? Grammarly can save you from misspellings, grammatical and punctuation mistakes, and other writing issues on all your favorite websites. Your writing, at its best. Be the best writer in the office. Get Grammarly. In the sentence above, we are talking about the favorite subject of one student. When you’re talking about many students, add an apostrophe. The students’ favorite subject was science. If the possessor is a building, an object, or a piece of furniture, you don’t need to add an apostrophe to show possession. See the examples below for reference: The maid cleaned the hotel’s room.