Transitivity in Halkomelem¹ Thomas E. Hukari University of Victoria

0. Introduction

Morpho-syntactic transitivity in the Cowichan dialect of Halkomelem and its interaction with person inflection and phrasal adjuncts are discussed here in a relatively superficial framework. While the goal of linguistic description is an economical, descriptively adequate account of the relationship between meaning and surface form, it is not clear that linguistic theory is any closer to attaining this goal now than it was ten years ago. The multiplicity of alternate, perhaps equivalent, syntactic analyses of English in the literature does not augur well for a descriptively "new" language such as Halkomelem, as again any number of syntactic analyses would probably be compatible with the facts as we know them. An account of the more obvious, and superficial, syntactic relationships in Halkomelem constitutes a reasonable interim goal, serving as a basis for further research in both Halkomelem and in related languages.

Previous scholarship in related Salishan languages has made occasional use of the case-related terms *agent* and *patient*. Applying these to Halkomelem, we could label the phrasal adjuncts in the following examples as *agent* and *patient*.²

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(1) ni? $d^{W} = 1 \Rightarrow \frac{t^{\Theta}}{AGENT}$ ni? $d^{W} = 1 \Rightarrow t^{\Theta} = \frac{t^{\Theta}}{5}$

The man barbecued.

1 nonproximal	4 article	
2 barbecue	5 man	
3 middle voice		

(2) ni? yak^wəm $\frac{t^{\Theta} \Rightarrow \text{ sment.}}{PATIENT}$ The ni? yak^w-m $t^{\Theta} \Rightarrow \text{ sment}$ 1 2 3 4 5 1 nonproximal 4 2 break 5 3 middle voice

The rock broke.

4 article 5 rock

While case terms undoubtedly reflect something about the semantic interpretation of these sentences, there is no more motivation for distinguishing between (1) and (2) in surface syntax than between the following English examples.

(3) Mary cooked.

(4) The roast cooked.

Despite the rather strikingly close correlation between transitive subject and semantic agent, as discussed below, the morphosyntactic categories *subject* and *object*, based on the person inflection system, are more immediately relevant to syntactic description in Halkomelem and the phrasal adjuncts of sentences such as (1) and (2) are interpreted as subjects.

Although there are obvious correspondences between syntax and semantic case in Halkomelem, the case relation obtaining between a phrasal adjunct or person marker and a predicate is in part a strictly semantic function not reflecting surface syntax.

For example, the roots $d^{W}aq^{W}$ get hit and səw?d seek take, respectively, patient and agent subjects, where the morpho-syntactic category of subject is constant despite the difference in case relations.

(5)	ni? cən SUBJECT/PATIENT	å™aq [₩] .	I got hit.
	ni? cən d ^w aq ^w 1 2 3		1 nonproxima1 2 I 3 get-hit
(6)	ni? cən SUBJECT/AGENT	səw?ð.	I sought (someone).
	ni? cən səw?d 1 2 3		1 nonproxima1 2 I 3 seek

Holding the case relations constant, the corresponding transitive constructions, marked by a /-t/ predicate suffix, differ.

(5a)	ni? dwaqwəOam?šəs OBJECT/PATIENT	He/she hit me.
	ni? dwaqw-t-sam?š-əs 1 2 3 4 5	
	1 nonproximal 2 hit 3 transitive	4 me (object) 5 third person trans. subj.
<u>(</u> 6a)	ni [?] cən səw [?] dt. SUBJECT/AGENT	I sought (him/her).
	ni? cən səw?d-t 1 2 3 4	
	1 nonproxima1 2 I (subject)	3 seek 4 transitive

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Whatever the semantic relations, it is clear that *subject* and *object*, rather than the case terms *agent* and *patient* are relevant to the description of the Halkomelem person system and that $/c \sin/I$ in (5) and (6) are surface subjects. Further, there is no evidence that *agent* and *patient* are relevant to the syntactic description of phrasal adjuncts. Sentences (7) and (8) are parallel to (5) and (6), where the phrasal adjunct / $\Theta \Rightarrow$ steni?/ *the woman* is interpreted analogously to the subject marker $/c \sin/I$.

(7)	ni? dwaqw <u>Oə steni?</u> .	The woman got hit.
(8)	ni? səw?å Qə steni?.	The woman sought (someone)

This suggests that, despite semantic differences, at some point in the grammar the phrasal adjuncts of (7) and (8) are syntactically equivalent.

The syntactic and, in part, semantic status of a phrasal adjunct correlates with the morphology of the predicate. Consider the following sentences, all based on the root $/1 \Rightarrow k^{w}(a) - / break$ in two.

Root (Intransitive): (9) ni? lək^w t⁰ə scešt. SUBJECT/PATIENT ni? lək^w t⁰ə scešt 1 2 3 4 1 nonproximal

2 break in two

3 article 4 stick

The stick broke.

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/-els/ activity suffix (Intransiti	ive)
(10) ni? lək ^w els $\frac{t^{\Theta}}{SUBJECT/AGENT}$	The man broke (things) in two.
ni? lək ^w -els t ⁰ ə swəy?qe? 1 2 3 4 5	
1 nonproximal 2 break in two 3 activity	4 article 5 man
/-t/ (Transitive):	
(11) ni? lək ^w atəs <u>t⁰ə scešt</u> . OBJECT/PATIENT	He/she broke the stick in two.
ni? lək ^w a-t-əs t ⁰ ə s češ t 1 2 3 4 5 6	
1 nonproximal 2 break in two 3 transitive	4 third person trans. subj. 5 article 6 stick
Benefactive /-tc/ plus /-t/ (Trans	sitive):
(12) ni [?] lək ^w əłcətəs t ⁰ ə swəy [?] qe [?] OBJECT/BENEFACT	. He/she broke (it) in two TIVE for the man.
ni? lək ^w -1c-t-əs t ⁰ ə swəy?qe 1 2 3 4 5 6 7	97
1 nonproximal 2 break in two 3 benefactive 4 transitive	5 third person trans. subj. 6 article 7 man

As discussed below, the interpretation of a phrasal adjunct as subject or object correlates with the person inflection system, where only transitive predicates take objects. The case interpretation of an adjunct is a function of both its syntactic status as subject or object and the predicate morphology. For example, while the root $/l \ge k^{w}/$ break in two (9) takes patient subjects, the

activity suffix /-els/ (10) takes agent subjects. Similarly, the simple transitive /lək^wat/ *break it in two* (11) takes a patient object while the benefactive transitive /lək^wəłcət/ (12) takes a benefactive object.

We consider below Halkomelem transitive and intransitive predicate morphology and its interaction with person and phrasal adjuncts, showing that a considerable range of syntactic phenomena may be accounted for by taking transitivity and the person inflection categories of subject and object as significant linguistic constructs.

1. Predicates

1.0 A root in Halkomelem is morpho-syntactically intransitive in contrast to languages such as English (compare *die* and *kill*). A *transitive* predicate in Halkomelem may inflect for both person categories, subject and object, while an *intransitive* predicate may inflect for subject only. The sole means of introducing object inflection is through the presence of a transitive suffix, the productive transitive suffixes being /-t/ *transitive*, /-nex^w/ *lack-of-control* and /-stəx^w/ *causative*.

While the relationship between semantic function (case) and syntactic category is not one-to-one in Halkomelem, the subject of a transitive predicate is in some sense the agent (or perceiver in the case of /ləmnəx^w/ *see*). For those roots which do not take agent subjects, the presence of a transitive suffix switches the

case relation of a subject marker from patient (or some other nonagentive relation) to agent, as in the following examples where the subject marker is /cən/ I.

(13)	ni? cən pas. PATIENT	I got hit.
	ni? cən pas 1 2 3	1 nonproximal 2 I 3 get-hit
(14)	ni? <u>cən</u> pasət. AGENT	I hit (it).
	ni? cən pas-t 1 2 3 4	1 nonproximal 2 I 3 hit

However, the ability to take agent subjects is not a function unique to the transitive suffixes. In this section we consider predicate suffixes which take agent subjects.

4 transitive

1.1 Transitive Suffixes

As mentioned above, the productive transitive suffixes are /-t/ transitive, /-nex^W/ lack-of-control and /-stax^W/ causative. In addition, there are the apparently nonproductive forms $/-\check{s}/$ and /-nes/. Such transitive suffixes constitute the sole means of introducing object inflection, which is discussed below in section two.

The suffixes /-t/ transitive and /-nex^w/ lack-of-control contrast semantically, marking the degree of control the subject has over the event. The $/-nex^{W}/$ suffix implies that the subject is not

in full control: the subject did it accidentally, he managed to do it under adverse circumstances, or he simply was not really in control (as in the case of /ləmnəx^w/ *see*, where the subject is more an experiencer than an agent). The /-t/ suffix is seemingly more neutral, but implies a greater degree of control over the event. Although this distinction does not translate readily in English, the following examples may give some idea of the contrast.

?ik₩ət	throw (it) away
?∍k [₩] nəx [₩]	lose (it)
k ^w łet	pour (it)
k ^w əłnex ^w	spill (it)
k [₩] ənət	take (it)
k [₩] ə(n)nəx [₩]	find/get/receive (it)
ta?əlt	study/learn (it)
təl?nəx [₩]	find (it) out
lək ^w at lək ^w nex ^w	break (it) in two accidentally break (it) in two, manage to

The causative suffix /-stəx^W/, while also a transitive suffix, is distributionally distinct, combining with stems which do not necessarily take /-t/ or /-nex^W/. For example, it combines with stems ending in the activity suffix /-els/ (discussed

below), while /-t/ and /-nex^w/ do not.

a ^w q ^w els	to club
d ^w q ^w elstəx ^w	have/take (him/her) to club
čək [₩] xe1s	fry
Čək [₩] xelstəx [₩]	have/take (him/her) to fry

It also occurs with resultatives, consisting of consonant-vowel reduplication of the root plus the static /s-/ prefix, while /-t/ and /-nex^W/ do not.⁴

tən?ət	stack (them) side-by-side (transitive)
stətin?	stacked side-by-side (resultative)
stətin [?] stəx ^w	get (them) stacked side-by-side
lən?ət	weave (it)
stətin?	woven
sləlin [?] stəx ^w	get (it) woven

The remaining transitive suffixes are marginal. The /-\$/suffix, as in /nəw?əš/ put (it) in (root, /nəw?/ in) may be viewed as a suppletive allomorph of /-t/. In fact, speakers are somewhat reluctant to accept /-š/ when the predicate is inflected for object and usually switch to the /-t/ inflection. Another transitive form, /-nəs/, occurs with /nem?/go as in /nəmnəs/ go toward (him/her), and /?ewə/ come here, as in /?əwənəs/ come toward (him/her),

/?əwənəsam?š/ come toward me.⁵

1.2 Intransitive Agent Suffixes

While transitive suffixes are unique in permitting object inflection, they are not the only suffixes which take agent subjects. The /-els/ activity suffix takes agent subjects as may (although not necessarily) the so-called middle voice /-m/.

1.2.1 The Activity Suffix

The activity suffix /-els/ is intransitive, not inflecting for object but taking agent subjects.

Transitive		Activity		
čəy?x [₩] t	dry (it)	čəy [?] x [₩] els	dry (something)	
1əm?ct	pick (it)	1əm?cels	pick	
pet ⁰ ət	sew (it)	pt ⁰ els	sew	
k ™łet	pour (it)	k ^w łels	pour	

This suffix provides a means of introducing an agent subject without mentioning the thing undergoing the action, not unlike optionally transitive verbs in English, such as *pick* or *sew*, except that such intransitives are overtly marked in Halkomelem. As third person object is unmarked in Halkomelem (see section two), the distinction between transitive and activity predicates may seem subtle in the following examples.

(15) ni? cən cəy?x ^w t.I dried (it).ni? cən cəy?x ^w -tnonproximal I dry-transitive123(16) ni? cən cəy?x ^w els.I dried (something).ni? cən cəy?x ^w -elsnonproximal I dry-activity123(17) ni? cən k ^w tet.I poured (it).ni? cən k ^w tes.I poured (it).ni? cən k ^w tes.I poured (it).123(18) ni? cən k ^w tes.I poured.ni? cən k ^w tes.I poured.ni? cən k ^w tes.I poured.1231231231231231231231212312312312123123121212341212121212121212121212121212121112121111111111 <th></th> <th></th> <th></th> <th></th> <th></th>					
12341234(16) ni? cən cəy?xwels.I dried (something).ni? cən cəy?xwelsnonproximal I dry-activity1234(17) ni? cən kwete.I poured (it).ni? cən kwete.I poured (it).ni? cən kwete.nonproximal I pour-transitive1234(18) ni? cən kwetels.I poured.ni? cən kwetels.I poured.ni? cən kwetels.I poured.	(15)	ni?	cən	čəy?x [₩] t.	I dried (it).
ni?cən \dot{c} əy?x ^w -elsnonproximal I dry-activity1234(17)ni?cən \dot{k}^w iet.Ini?cən \dot{k}^w iet.Ipoured (it).nonproximal I pour-transitive123(18)ni?cən \dot{k}^w iels.ni?cən \dot{k}^w iels.Ipoured.nonproximal I pour-activity		ni? 1	cən 2	čəy [?] x [₩] -t 3 4	
(17) ni? cən k^{w} iet. $I poured (it)$.ni? cən $k^{w}i(e)$ -tnonproximal I pour-transitive1234(18) ni? cən $k^{w}i$ els. $I poured$.ni? cən $k^{w}i$ -elsnonproximal I pour-activity	(16)	ni?	cən	čəy?x₩els.	I dried (something).
ni?cən $\vec{k}^w l(e) - t$ nonproximalIpour-transitive12341234(18)ni?cən $\vec{k}^w lels$.Ipoured.ni?cən $\vec{k}^w l-els$ nonproximalIpour-activity		ni? 1	cən 2	\dot{c} əy [?] x ^w -els 3 4	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(17)	ni?	cən	k ^w łet.	I poured (it).
ni? cən k ^w i-els nonproximal I pour-activity					
	(18)	ni?	cən	k ^w łels.	I poured.

However the significance of an intransitive predicate taking agent subjects will become apparent in section three.

The /-els/ activity suffix is apparently highly productive, however it sometimes denotes a culturally significant activity with specialization of meaning.

Transitive		Activity	
wenš	throw (it)	wənels	throw out money or blankets in the longhouse
nəw?əš	put (it) in	nəw ⁹ els	bring in a picture of a person for ceremonial pur- poses in the longhouse
?əxqt	take (it) out	?əlqels	withdraw money from the bank
łedat	lay (it) down	rdels	make a down payment; do- nate blankets
hiqət	put (it) under; bake (it)	həqe1s	bake

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The use of /-els/ in culturally significant activities may be due to the fact that it permits the expression of an agent subject without an object and this, as we will see below, is impossible under certain circumstances with transitive suffixes. That is, in culturally well defined contexts the thing acted upon will be understood and the activity suffix then permits the speaker to focus on the actor.

1.2.2 Middle Voice

The so-called middle voice suffix /-m/ also may (though not necessarily) take agent subjects and does not inflect for object. This suffix is apparently not as productive as /-els/, however there is a sizeable number of roots which normally occur with /-m/, such as /tiləm/ sing and /qwələm/ barbecue. Often the transitive/intransitive opposition parallels that of /-els/.

Transitive		Middle Voice		
pən?ət	plant, bury it	pən?əm	plant, bury	
q [₩] ə1ət	barbecue it	q [₩] ə1əm	barbecue	
, k ^w šet	count it	k [₩] šem	count	

Even in these cases /-els/ forms are frequently possible, although not as common: /pən[?]els/ *plant*, / \dot{q}^{w} əlels/ *barbecue*, / \dot{k}^{w} šels/ *count*.

It is conceivable, perhaps likely, that Halkomelem has more than one suffix involving /m/. I have found upon experimentation that several stems which do not occur spontaneously with /-m/

permit a /-e?əm/ suffix.

T	ansitive	Activ	ity	Middle	Voice
k [₩] łet	pour it	k ^w łels	pour	k ^w ₁e?əm	pour
hiqət	put it in; bake it	həqels	bake	həqe?əm	bake
čəy?x [₩] t	dry it	ċəy [?] x [₩] els	dry	ċəy?x [₩] e?əm	dry

These forms are apparently synonymous with the activity forms but far less common. I have no explanation for this phonological shape if this is the same morpheme as /-m/. Compare, for example, /kwšet/ count it, /kwšels/ count, and /kwšem/ count to /kwłet/ pour it, /kwłels/ pour and /kwłe?əm/ pour.

Further, in none of the examples above is it clear that the term *middle voice* is an accurate description. That is, it is not obvious that the actor is viewed as performing the action for his own benefit. However, these are stems with which /-m/ appears to convey the notion of middle voice, acting upon oneself or for one's own benefit.

tši?q ^w əm	comb one's hair	tši?q ^w t	comb his/her hair
x ^w t ⁰ x ^w asəm	wash one's face	x ^w t ⁰ x ^w ast	wash his/her face
šak ^w əm	bathe oneself	šak ^w ət	bathe him/her

Given these are activities typically performed on people, it is understandable that the /-m/ forms are interpreted as actions upon oneself, however, this would not a *priori* be the only possible interpretation, yet I am aware of no ambiguity in these forms.

Predicates with /-m/ do not necessarily take agent subjects. For example, /haq^wəm/ *smell*, /yak^wəm/ *break*, and /ἀewəm/ *get paid* take patient subjects. This suggests that case interpretation of predicates with /-m/ is a function of the predicate root, some roots taking subjects and others taking patients; however, it is also possible that this reflects distinct but homophonous /-m/ suffixes.

1.3 Summary

Halkomelem exhibits overt marking for transitivity, transitive predicates being marked by the presence of a transitive suffix. We can distinguish between the morpho-syntactic property of transitivity (taking both subject and object markers) and semantic agentivity. While transitive predicates take agent subjects, so do intransitive predicates with the activity suffix /-els/ and sometimes with the middle voice suffix /-m/.

The interaction of transitivity person and phrasal adjuncts will be discussed in section three below. First, however, we turn to a brief discussion of the Halkomelem person system.

2. Person

2.0 Halkomelem inflects for two person categories: subject and object, intransitive predicates taking subject markers only and transitives permitting both.

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2.1 Subject

aspectuals

The Halkomelem subject markers are clitics, appearing in second position in a clause. As is typical of Central Coast Salish, there are two subject series, the independent clause series preceded by a /c- ~ č/ formative and a subordinate series without it.

Independent Clause Subject Clitics

	singular	plural
first person	cən	ct
second person	č	ceep

Dependent Clause Subject Clitics

	singular		plural
first person	-(e)n?		-ət
second person	-9XM	· ·	-ə1əp
third person		-əs	

Third person is unmarked in the independent clause series. However there is a transitive third person subject suffix /-əs/, homophonous with the dependent clause clitic, but distributionally distinct. While the clitic forms, including the dependent clause /-əs/, maintain second position in a clause, the transitive third person suffix always remains fixed to a transitive predicate.

The position of subject clitics is illustrated in the following sentences, where the subject clitic /cən/ I maintains second position, after the main predicate in (19), a temporal-spacial auxiliary in (20) and after an adverb in (21).

(19)	$\frac{k^{w}ey^{2}}{1} \frac{c \ge n}{2}$	I got/was hungry.
	1 hungry 2 I	
(20)	$\begin{array}{c} ?i \ \underline{can} \ k^{w} e k^{w} i?. \\ 1 \ \underline{2} \ 3 \end{array}$	I am hungry.
	1 proximal 2 I	3 hungry (imperfective)
(21)	$ \begin{array}{c} \lambda \lim^{\circ} \frac{c \ge n}{2} \stackrel{\circ i}{_{-}} \overset{\circ i}{_{-}} \overset{k^{w} e \overset{w}{_{-}} \overset{w}{_{-}} \overset{\circ}{_{-}} \overset{\circ}{_{-}} \\ 1 \frac{2}{_{-}} 3 4 \end{array} $	I am very hungry.
	1 very 2 I	3 proximal 4 hungry (imperfective)

Like English tense or verb suffixes in Chomsky's (1956) treatment, the underlying position of Halkomelem subject clitics is somewhat arbitrary, although I am inclined to suggest that (19) represents the basic position as Halkomelem exhibits VSO properties (see section three).

The third person transitive subject suffix /- as/ is unique in the system. It is a predicate suffix, not a clitic and co-occurs with the subordinate clause third person subject clitic.

(22)	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 1 2 3 3 4 5 6 7 8	whether (he) butchered the deer
	1 hypothetical 2 nonproximal 3 subordinate third pers. subj. 4 butcher	5 transitive 6 transitive third pers. subj. 7 article 8 deer

In (22) the subordinate clause clitic /-əs/ occurs after the first

word of the clause /ni?/ nonproximal but the transitive third person suffix /-əs/ occurs as well, on the transitive predicate / $k^{w}ic^{2}t/$ butcher (it). In contrast to this, the first or second person subject is not doubly marked in subordinate clauses.

(23) $\stackrel{? \ni w?ni? \ni n?}{=} k^{w}i\dot{c} \circ t t^{\Theta} \circ sm = y = \Theta$ $\stackrel{? \ni w?-ni?-(e)n?}{=} k^{w}i\dot{c} - t t^{\Theta} \circ sm = y = \Theta$ $1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7$ whether I butchered the deer

1 hypothetical5 transitive2 nonproximal6 article3 I, subordinate7 deer4 butcher7

2.2 Object

Object markers are predicate suffixes occurring only with transitive stems (stems containing a transitive suffix).

Object Suffixes

	singular	plural
first person	-(s)am?š	-a1?x ^w
second person	-(s)amə	-alə

Third person is unmarked in the object system of Halkomelem. The singular object suffixes have allomorphs with /s/ when they occur with the transitive suffix /-t/, combining to form / Θ /. This /s/ may represent an old first person singular object which has lost its status.

/-t/ Trans	itive	∕-nex♥∕ Lack-of-Control	/-stəx ^w / Causative
lemət	look at (it)	ləmnəx ^w see (it)	ləmstəx ^w show (him/ her)
first sing.	1eməO(am?š)	1əmnam?š	1əmstam?š
second sing.	1emə0amə	ləmnamə	1əms tamə
first plur.	lemətal?x ^w	ləmnal?x ^w	ləmstal?x ^w
second plur.	lemətalə	ləmnalə	ləmstalə

Subject and object markers combine freely, except for a constraint paralleling that of Squamish (Kuipers: 1967) that second person object and third person subject do not co-occur. Instead, the medio-passive paradigm is employed (see section 2.3).

/-s/ occurs as a short form of first or second person singular objects in combination with transitive /-t/ (realized as / Θ /). When the subject is first person, /-s/ occurs as an optional second person form.

(24)	cewa0 can ce?.	I will help you.
	č ew-t-s cən ce? 1 2 3 4 5	
	1 help 2 transitive 3 you	4 I 5 future

Apparently, this form is acceptable only if the subject clitic follows the inflected predicate. If it precedes, the full form is required.

(25) ni? cən ce? cewə0amə. I will help you.

ni? cən ce? cew-t-samə 2 3 4.5 6 1 1 nonproximal 4 help 2 I. 3 future 6 you

5 transitive

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Otherwise, /-s/ is a short form for the first person singular object.

ćewa0. (26)

Help me.

(27) ni? cewə0əs. He/she helped me. ni? cew-t-s-əs 2 3 4 5 1 4 me 1 nonproximal 2 help 5 third pers. trans. subj. 3 transitive

The longer forms are stylistically preferable (except perhaps for the command form), suggesting that the short form may be a truncation rather than a continuation of an etymological first person singular.

2.3 Passives

Cowichan passives represent a mixed category in surface They are based on transitive stems and permit inflection for form. object but not for subject. Two passive constructions exist: the medio-passive ending in /-m/ and the dependent passive ending in /-t/.

2.3.1 The Medio-Passive

Medio-passive predicates are based on transitive stems, which may be inflected for object, plus the suffix /-m/. The object forms are not morphologically transparent, although the inflectional categories of the transitive object system are maintained except that the first and second person plural forms are homophonous.

Medio-Passive Objects

	singular		p lural
first person	-(s)eləm		-aləm
second person	-(s)am		-aləm
third person		-m	

Third person is again unmarked, save the medio-passive /-m/. Note again the /s/ in the singular forms, which occurs with transitive /-t/, combining to form $/\Theta/$.

/-t/ Transitive		/-nex ^w /	Lack-of-Control
1emə təm	it is looked at	1əmnəm	it is seen
first singular	1emə0e1əm	1ə	mneləm
second sing.	1emə0am	1ə	mnam
first plural	lemətaləm	1ə	mnaləm
second plur.	1emətaləm	1ə	mnaləm

The medio-passive represents an intermediate series, between transitives and intransitives: like intransitives, medio-passives inflect for one person category only, like transitives, they inflect for object, but unlike either category, medio-passives do not take subject clitics. Further they do not take the third person transitive subject marker /-əs/, a characteristic of transitive predicates.

2.3.2 The Dependent Passive

Dependent passive predicates are virtually identical to medio-passives, except for the presence of a /-t/ suffix instead of /-m/.

Dependent Passive Objects

sing		plura1	
first person	-(s)elt		-alt
second pers.	-(s)amət		-alt
third person		-ewət	

Feasibly dependent passives are based on medio-passives with the addition of a final /-t/ suffix triggering the loss of the medio-passive /-m/ (and no epenthetic /ə/). This might account for the relationship between the three second person singular suffixes.

transitive -(s)amə medio-passive -(s)am dependent passive -(s)amət

The medio-passive form may derive from */-(s)ama-m/ with loss of intervocalic /m/, while this is preserved in the dependent passive

with loss of the second /m/, from */-(s)ama-m-t/.

	/-t/ Transitive	/-nex ^w / Lack-of-Control		
	lemətewət it is looked at	ləmnewət it is seen		
first sing.	1emə0e1t	ləmne1t		
second sing.	1emə0amət	ləmnamət		
first plur.	lemətalt	ləmnalt		
second plur.	lemətalt	ləmnalt		

The third person dependent passive /-ewət/ has a partial /-ew/ for which I have no explanation. Possibly this represents an empty connective.

The /-t/ suffix is tentatively assigned here to a nonproductive stative morpheme, occurring in such forms as /təyt/ upstream, as opposed to /təyəl/ go upstream (with inchoative /-il/) and the triply marked resultative/swe?wəl?t/hidden (/s/ static, /wel/ hide, reduplicated, /-t/ stative).

2.3.3 The Status of Passives

Cowichan passives appear to be subjectless transitive predicates, in that they inflect for object but do not permit subjects. They differ markedly in surface form from such languages as Lushootseed, Squamish (Kuipers: 1967) and Straits (Thompson: 1971) in which subject inflection but not object is employed. In Lushootseed, for example, the medio-passive suffix /-b/ (cognate with Cw. /-m/) is affixed to the transitive stem and a subject

clitic signals the patient (corresponding to the object of a transitive).

(28) [?]uk^wax^watəb čəd.

I was helped. (Passive)

 ?u-k^wax^w(a)-t-b
 čəd

 1
 2
 3
 4
 5

1 completive 2 help 3 transitive 4 medio-passive 5 I

(29) [?]uk^wax^wac.

(He/she) helped me. (Non-Passive)

[?]u-k^wax^w(a)-t-s 1 2 3 4

1 completive 2 help 3 transitive 4 me

Even in languages where subject clitics appear in the medio-passive it is conceivable that this construction represents a subjectless transitive in deep structure, with a rule moving an object marker into subject clitic position. In any case, medio-passives are closely related to transitive predicates. For example, the case relations of a transitive predicate are not undone by the medio-passive. For example, a root such as /səw?q/ *seek*, taking an agent subject in Cowichan, maintains patient as its object in both the transitive and the medio-passive forms.

(30) ni? səw?q@am?šəs. (He) looked for me.

(31) ni? səw?q@eləm.

I was looked for.

That is, the one person category associated with the medio-passive

predicate maintains the same case relation as the object of the corresponding transitive, despite whatever case relations hold for the intransitive root. I suspect similar examples exist in Salishan languages where subject inflection appears in the medio-passive. That is, there are intransitive roots which take agent subjects but the surface subject of a medio-passive is nevertheless a patient, reflecting a closer association with the object of the corresponding transitive.

2.4 Summary

Halkomelem has two person inflection categories: subject and object. In addition, the transitive subject suffix /-os/ appears to represent a category of its own. The person systems of Halkomelem are distributionally distinct from phrasal adjuncts, which are discussed below. Subject and object markers are closely associated with the predicate, object suffixes appearing on transitive predicates and subject clitics maintaining second position in the clause. As phrasal adjuncts follow the predicate, strictly speaking the person markers are not pronominal in that they do not substitute for phrasal adjuncts. This fact has no *a priori* implications for linguistic description, except for the obvious point that Halkomelem person markers clearly do not belong to the same surface category as phrasal adjuncts. It does not follow, for example, that Halkomelem person markers represent deep structure categories distinct from phrasal adjuncts. On the other hand, the obvious functio-

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nalparallel between person and phrasal adjuncts discussed below does not necessarily imply the opposite, that person markers and phrasal adjuncts should be derived from the same deep structure category.

3. Predicates and Adjuncts

3.0 A phrasal adjunct may be direct or oblique in Halkomelem. Direct adjuncts are interpreted as subject or object. Oblique adjuncts are preceded by the general preposition /?=/ and represent the means of introducing adjuncts in addition to those which are interpreted as subject or object.

(32) ni? ?aməstəs t^{Θ} swiw?ləs ?ə t^{Θ} səptən. DIRECT (OBJECT) OBLIQUE

> He/she gave the boy a knife. ni? ?aməs-t-əs t $\stackrel{\Theta}{\rightarrow}$ swiw?ləs ?ə t $\stackrel{\Theta}{\rightarrow}$ šəptən 1 2 3 4 5 6 7 8 9 1 nonproximal 4 third trans. subj. 7 oblique 2 give 5 article 8 article

2	give	Jai	I LICIE	0	artici
3	transitive	6 ma	an	9	knife
	÷				

3.1 Direct Adjuncts

3.1.1 Intransitive Constructions

The direct adjunct of an intransitive predicate is interpreted as the subject. An intransitive construction may have a subject clitic, a direct adjunct or neither (the unmarked third person). Although subject clitics are syntactically distinct from direct adjuncts, maintaining second position in a clause, the

two are functionally equivalent in intransitive constructions. For example, if a subject clitic is interpreted as the semantic agent, then a direct adjunct is also the agent.

(33)	ni? cən k ^w šem. SUBJECT/AGENT	I counted.
	ni [?] cən k ^w še-m 1 2 3 4	nonproximal I count-middle 1 2 3 4
(34)	ni? k ^w šem t ⁰ ə swəy?qe?. SUBJECT/AGENT	The man counted.
	ni? k ^w še-m t ⁰ ə swəy?qe? 1 2 3 4 5	
	1 nonproximal 2 count 3 middle voice	4 article 5 man

Similarly, if a subject clitic is interpreted as patient, then so is a direct adjunct.

(35)	ni? <u>cən</u> pas. SUBJECT/PATIENT	I got hit.
	ni? cən pas 1 2 3	
	1 nonproximal 2 I 3 get-hit	
(36)	ni? pas t ⁰ ə swiw?1əs. SUBJECT/PATIENT	The boy got hit.
	ni? pas t ⁰ ə swiw?1əs 1 2 3 4	
	1 nonproximal 2 get-hit	3 article 4 boy

While the relation between subject clitics and direct adjuncts must be accounted for in any descriptively adequate grammar, it does not necessarily follow that they are transformationally related. In any case, subject clitics and direct adjuncts in intransitive constructions are interpreted analogously.

3.1.2 Transitive Constructions

3.1.2.1 The interpretation of a direct phrasal adjunct with a transitive predicate is a function of the person system. The direct adjunct is interpreted as object if the predicate is not inflected for first or second person subject or object.

(37) ni? lemətəs t^{Θ} spe?e Θ .	He/she looked at the bear.
ni? 1emə-t-əs t ⁰ ə spe?e0 1 2 3 4 5 6	
1 nonproximal 2 see	4 third pers. trans. subj. 5 article
3 transitive	6 bear

This contrasts with intransitives, where a direct adjunct is interpreted as subject. That is, $/t^{\Theta} \Rightarrow spe^{2}e^{\Theta}/the \ bear$ (37) is interpreted analogously to $/-sam^{2}s'/me$ (object) in (38) rather than $/c \Rightarrow n/I$ (subject) in (39).

(38)	ni? leməOam?šəs. OBJECT	He/she looked at me.
	ni? 1em-t-sam?š-əs 1 2 3 4 5	
	1 nonproximal 2 see	4 me (object) 5 third pers. trans. subj.
	3 transitive	- ···· · ····

(39) ni? cən lemət. SUBJECT		I looked at (it).		
	ni? cən lem-t 1 2 3 4	nonproximal I see-transitive		

It is not obvious why a direct adjunct of a transitive predicate should be interpreted as object rather than subject under these circumstances. One might argue that the /-əs/ third person transitive subject suffix fills the role of subject. However this argument loses its force in face of the fact that a subject adjunct and the /-əs/ suffix may co-occur, as shown below. Further in Lushootseed (Puget Salish), a direct adjunct under similar conditions is interpreted as object, yet the third person suffix is not used.

(40) tušuuc <u>ti spa[?]c</u>. OBJECT tu-šu¹-c ti spa[?]c 1 2 3 4 5 1 remote 2 see

3 transitive

(He/she) saw the bear.

4 article 5 bear

The object interpretation of direct adjuncts of transitive predicates represents an almost ergative characteristic. One may compare intransitive roots and their corresponding transitives, where the case relation holds constant.

(41) ni? $t = q^{w} t^{\Theta} = \tilde{x}^{w} = 1 = m$. The rope broke.

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ni? $t = \dot{q}^{W} t^{\Theta} = \check{x}^{W} i^{2} l = m$ 1 2 3 4 The rope broke. 1 nonproximal 3 article 2 break 4 rope (42) ni? tq^watəs $\frac{t^{\Theta}}{PATIENT}$. (He/she) broke the rope. ni? tq^{Wa} -t-əs t^{Θ} x^{Wi} ?ləm 1 2 3 4 5 6 1 nonproximal 2 break 3 transitive

4 third pers. trans. subj. 5 article 6 rope

However too much may be made of this. As we have noted above, the case relation of an adjunct to a root need not be patient, as in the case of /sew?q/ seek, where the parallel does not hold (see sentences (6) and (6a)). Further, the person system is, if anything, accusative, where the object of a transitive predicate does not correspond formally to the subject of an intransitive.

When two direct adjuncts occur with a transitive predicate 3.1.2.2 the first is interpreted as subject and the second as object.

(43) ni? $d^{w}aq^{w} = t = \frac{t^{\Theta}}{SUBJECT} \frac{t^{\Theta}}{OBJECT} = \frac{t^{\Theta}}{OBJECT}$.

The man clubbed the bear.

ni? 1		-t-əs 3 4		swəy?qe? 6	t ⁰ ə 7	spe?e0 8
2 c 3 t	onprox lub ransit hird pe	ive	trans	. subj.	6 7	article man article bear

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Such examples suggest that Halkomelem is a VSO language. It seems significant to note, however, that this is not a common construction. An example of its infrequency is the fact that in one twenty-five minute text (a traditional story) I found no examples of a transitive predicate with two direct adjuncts. Nevertheless, the construction does occur spontaneously, if infrequently.

3.1.2.3 Elsewhere the interpretation of a direct adjunct is a function of the person system. If a transitive predicate is inflected for first or second person subject, a direct adjunct is interpreted as object.

(44)	ni [?] cən cewət <u>0ə steni</u> ?. SUBJECT OBJECT	arGamma helped the woman.
	ni? cən cew-t 0ə steni? 1 2 3 4 5 6	
	1 nonproximal 2 I (subject) 3 help	4 transitive 5 article 6 woman

Similarly, if a transitive predicate is inflected for first person object, a direct adjunct is interpreted as subject.

(45) ni? čewə0am?šəs 0ə steni?. The woman helped me. OBJECT SUBJECT ni? čew-t-sam?š-əs 0ə steni? 1 2 3 4 5 6 7 5 third pers. trans. subj. 1 nonproximal 6 article 2 help 7 woman 3 transitive 4 me (object)

3.1.2.4 To summarize, a direct adjunct of a transitive predicate is preferentially interpreted as goal unless the goal role is filled. That is, if the predicate is inflected for goal than a direct adjunct is interpreted as subject. Similarly, when there are two direct adjuncts then one (the first) is interpreted as subject. In the remaining cases a direct adjunct is interpreted as goal.

3.1.3 The facts as discussed above indicate a functional tradeoff between person inflection and direct adjuncts in Halkomelem. This does not lead to any obvious unique syntactic analysis. One can conceive of a number of descriptions compatible with the data, including the following:

- I. Adjuncts arise within the predicate complex, in the positions maintained by the person system, and are transformationally moved to the end of the clause. That is, the position of person markers is basic (VOS).
- II. Person markers arise from pronominal adjuncts, being derived through agreement rules (as in English subject-verb agreement) or through movement rules. That is, the position of direct phrasal adjuncts is basic (VSO).

III. Person markers and direct adjuncts are distinct categories in deep structure.

While it is not clear that these alternatives are empirically distinguishable in Halkomelem, I tend to prefer III, if on no other grounds than the fact that this most closely reflects the surface syntax of Halkomelem and hence represents in some sense the neutral hypothesis.

I give the following phrase markers as tentative deep structures. The categorical symbols are merely for the purpose of exposition and conceivably could be replaced by other conventions such as feature matrices in the x-bar convention (Chomsky, 1970). Further, several alternatives are possible for the representation of person. While I give syntactic status to person, this could be a function of the lexicon. The essential point in the following examples is that the role of a direct adjunct can be viewed as a function of the person system, where the interpretation as subject or object is determined by the semantic component.

3.1.3.1 First and Second Person

Let us call the predicate complex, including auxiliaries, the predicate and person markers, the *proposition*. Sentence (46) is in itself a proposition.

(46) ni[?] cən 1eməOamə. I looka

I looked at you.

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As mentioned above, it is conceivable that person is a function of the lexicon and that object and subject do not represent deep structure categorical symbols. For the purpose of discussion, however, let us assign person to syntactic nodes and, as suggested in section 2.1, I take the postverbal position as basic for clitics.

3.1.3.2 Adjuncts

It is not clear that subject and object adjuncts are structurally distinct. I suggest that they are not and that one or two direct phrasal adjuncts (labeled NP here) may appear as sisters to the proposition.

(47) ni? lemətəs t $^{\Theta}$ ə spe?e Θ .

(He/she) saw the bear.







The interpretation of a direct adjunct is a function of semantic interpretation rules binding the adjuncts to third person within. the person system. Such rules would reflect the facts discussed above in this section. For example, a single direct adjunct will be interpreted as co-referential with third person object and if the object is not third person the adjunct will be bound to the subject. Similarly, the first of two direct adjuncts will be coreferential with third person subject and the second with third

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person object.

3.2 Oblique Adjuncts

Oblique adjuncts, introduced by the preposition /? = /, do not correspond functionally to the person categories of subject or object, providing a syntactic means of introducing an additional adjunct. In some cases an oblique adjunct corresponds semantically to a direct adjunct of a lexically related predicate. Three cases of this are discussed here.

3.2.1 Activity Predicates

Activity predicates with the /-els/ suffix are intransitive although, like transitives, they take agent subjects.

ni? cən cək^wxels. I fried. (49) SUBJECT ni? cən cək x-els 3 1 2 1 nonproximal 3 fry 2 I 4 activity ni? čək xels 10 steni?. (50) The woman fried. SUBJECT However an additional adjunct, not corresponding to subject or object, is possible if introduced by the preposition /2 = 1. ni? cən cək xels ?ə t ə sceeltən. (51)OBLIQUE SUBJECT

I fried the salmon.

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ni? cən cək x-els ?ə t $^{\Theta}$ sceeltən 1 2 3 4 5 6 7 1 nonproximal 5 oblique 2 I 6 article 3 fry 7 salmon 4 activity

(52) ni? $\dot{\tilde{c}}$ ək \tilde{x} els $\frac{1}{3}$ steni? $\frac{2}{3}$ to $\dot{\tilde{c}}$ sceettan. SUBJECT OBLIQUE

The woman fried the salmon.

Note the parallel between this construction and the corresponding transitive with $\dot{c} = k^w \check{x}t$ fry it, where the object acted upon (sceelten salmon) is expressed as a object direct adjunct.

- (53) ni? $c = n \dot{c} = k^{W} \dot{x} t \frac{t^{\Theta} = sceelten}{OBJECT}$. I fried the salmon.
- (54) ni? $\dot{c}_{\partial k}$ $\dot{x}_{t \partial s}$ $\frac{1}{3} \frac{1}{3} \frac{1}{3}$

The woman fried the salmon.

There is an obvious semantic correspondence between the object of a transitive and the oblique adjunct of an activity predicate. Nevertheless, activity predicates are syntactically intransitive, not inflecting for object, permitting only one direct adjunct and not taking the third person transitive subject suffix /-əs/.

It is interesting to note that this construction provides a means of introducing the agent as an adjunct without mentioning the thing acted upon. As we have mentioned above, normally transitive predicates occur with only one adjunct, which is interpreted as object (unless there is a first pers. object). But the direct ad-

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junct of an activity predicate is the subject (and the agent), yielding the following contrast.

- (55) ni? lək^watəs t^{Θ}ə scešt. He/she broke the stick. ni? lək^wa-t-əs t⁹ə scest 1 2 34 5 6 1 nonproximal 4 third pers. trans. subj. 2 break in two 5 article 3 transitive 6 stick (56) ni? lək^wels 1/2 sieni?. The woman broke (something). ni? lək^w-els tə steni? 1 2 3 4 5
 - 1 nonproximal4 article2 break5 woman3 activity

The fact that activity predicates take agent subjects and do not inflect for goal provides a means of expressing the agent alone, which may account for its frequent use in culturally well-defined activities (see section 1.2), when the object acted upon would be known.

3.2.2 Middle Voice

Middle voice predicates are syntactically parallel to activity predicates. They are intransitive and may take agent subjects.

(57) ni[?] cən d^wələm. SUBJECT I barbecued.

ni? cən q ^w ə1-m 1 2 3 4	I barbecued.		
1 nonproximal	3 barbecue		
2 I	4 middle voice		

(58) ni? $\dot{q}^{\forall} = 1 \Rightarrow \frac{1}{3} = \frac{1}{3} =$

As in the case of activity predicates, the thing acted upon may be introduced obliquely.

- (59) ni? $c \neq n$ $q^{W} \neq 1 \neq m$ $? \neq t^{\Theta} \neq sceelt \neq n$. I barbecued the salmon. SUBJECT OBLIQUE
- (60) ni? $\dot{q}^{W} = 1 \Rightarrow \frac{1}{3} = \frac{1}{3} =$

The woman barbecued the salmon.

The correspondence between transitive object and intransitive oblique adjunct holds for middle voice forms as well, as in the following three sentences, using the root $/k^{w} \rightarrow 1/$ spill/pour.

Transitive

(61) ni[?] $\operatorname{cen}_{SUBJECT}$ k^{Θ} $\operatorname{tet}_{OBJECT}$ $\frac{t^{\Theta}}{OBJECT}$.

I poured the coffee (out).

Activity

(62) ni? cən k^{w} tels $\stackrel{? }{\xrightarrow{}} t^{\Theta}$ coffee. SUBJECT OBLIQUE I poured the coffee.

Middle voice

(63) ni[?] cən k^wie[?]əm $\stackrel{? > t^{\Theta}}{OBLIQUE}$. I poured the coffee.

3.2.3 Benefactives

Unlike the examples above, benefactive predicates are transitive, however the object of a benefactive is the beneficiary, not the thing or individual acted upon. Benefactive stems are formed with the benefactive suffix /-1c/ plus the transitive marker /-t/. The fact that benefactives are transitive is illustrated in the following examples.

?i cən ce? lək^wəłc9amə. (64) I will break it for you. SUBJECT OBJECT ?i cən ce? lək^w-1c-t-samə 1 2 3 4 5 6 7 5 benefactive 1 proximal 2 I 6 transitive 3 future 7 you 4 break in two (65) ni? $\frac{1}{2} = k^{W} = \frac{1}{2} = \frac{1}{2}$ He/she broke (it) for the boy. ni? 1+2k^w-1c-t-es t⁰ swiw?les. 2 3 4 5 6 1 7 1 nonproximal 5 third pers. trans. subj. 2 break in two 6 article 3 benefactive 7 boy

That is, benefactives inflect for object as well as subject and take the third person transitive suffix /-əs/.

A benefactive predicate may take an adjunct in addition to those corresponding to subject and object. This is an oblique adjunct semantically corresponding to the object of a simple transitive. Benefactive

(66) ni[?] cən lək^wəłcət
$$\frac{t^{\Theta}}{OBJECT}$$
 nə sye[?]yə [?]ə t^{Θ} ə scešt.
SUBJECT OBJECT OBLIQUE

I broke the stick for my friend.

ni? cən lək^w-4c-t t⁹ə nə sye?yə ?ə t⁹ə scest 2 3 5 7 8 9 1 4 6 10 11 1 nonproximal 5 transitive 9 oblique 2 I 6 article 10 article 3 break in two 7 my 11 stick 8 friend 4 benefactive

Transitive

(67)	ni? cən lək ^w at <u>t⁹ə s</u> SUBJECT <u>OBJ</u>	<u>češt.</u> ECT	I broke the stick.
	ni? cən lək ^w a-t t $\stackrel{\Theta}{}_{3}$ 1 2 3 4 5	sčešt 6	
	1 nonproximal 2 I 3 break in two	4 transitive 5 article 6 stick	2

3.2.4 Oblique Adjuncts in Deep Structure

The oblique adjuncts discussed in previous sections are often interpreted, as we have seen, parallel to objects of transitive predicates. It does not necessarily follow that they are syntactically related. On the other hand, it is not clear that oblique adjuncts represent a distinct syntactic category in deep structure. Other adjuncts with distinct interpretations are also preceded by the general preposition /?ə/, including passive agents, instrumentals and various locatives. In fact, any adjunct-type construction which does not stand in a subject or object relation to a predicate is formally identical to the oblique adjuncts discussed above, being preceded by /? = /. The position taken here is that oblique adjuncts represent a distinct deep structure category. Evidence for this analysis (which is not altogether compelling) is presented in section 4. Sentence (66), then, may be assigned the following deep structure.

(66) ni? cən lək ətcət t⁹ə nə sye?yə ?ə t⁹ə scešt. I broke the stick for my friend.



A similar analysis would hold for other oblique adjuncts discussed above. For example, the deep structure of (51) would be the following.

(51) ni? cən cak xels ? t^{Θ} sceettən.

I fried the salmon.

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3.3 Summary

The intent here has been to illustrate that transitivity and the morpho-syntactic categories of subject and object are central to Cowichan syntax, even at the expense of semantic rela-While certain semantic regularities obtain between constructions. tions, this is not necessarily an area for syntactic description. For example, the relationship between objects of transitive predicates, such as $/\dot{q}^{w}$ = 1=t/ barbecue (it) and oblique objects of intransitives such as $/\hat{q}^{W}$ alam/ *barbecue* may be a function of the lexicon and lexical rules of semantic interpretation along the lines suggested by Jackendoff (1975). Further, it has been suggested that adjuncts do not represent the fundamental relationships in Cowichan, but rather that the person categories of subject and object are central and that direct adjuncts are interpreted analogously. It is not clear at this time, however, whether this is a claim with empirical substance.

4. Attributive Clauses

Attributive clauses offer evidence for the central nature of the subject and object categories in Halkomelem, as I have discussed elsewhere (Hukari: 1975, 1976). When the understood relationship between a head and its attributive clause is subject or object the clause contains no special markings (other than the use of subordinate clause subject clitics). When any other relationship is understood to hold between a head and its attributive clause

a nominalizer appears.

4.1 Understood Subject or Object

When the understood relationship between a head and its attributive clause is subject, the attributive lacks a subject clitic.

ni? ?ə č ?əw? statəl?stəx" də sdeni? ni? ?ex"e?t k"0ə nə (68a) men ?ə k^wOə sceeltən. Do you know the woman who gave my father the salmon? ni? ?ə č ?əw? statəl?stəx" 1 steni? ni? ?ex"e?t k"0 nə 23 1 4 6 7 8 9 11 5 10 men ? a k^w0a sceeltan 12 13 14 15 1 nonproximal 9 give (food) 2 question 10 article 3 you 11 my 4 conditional 12 father

5 know13 oblique6 article14 article7 woman15 salmon8 nonproximal15 salmon(68b)ni? ?ex^we?t<u>əs</u> k^w0ə nə men ?ə k^w0ə sceettən.

(He/she/it) gave my father the salmon.

The lack of a third person transitive subject suffix /-əs/ in (68a) is significant in that it overtly marks the understood subject relationship.

When the understood relation is object, no overt marking is present in the attributive clause, although the presence of a subordinate subject clitic is, by default, an indication of the understood object relation.

(69a) ni? ct łəyxt k^w0ə sməyə0 ni? k^wicətəx^w. We ate the deer which you butchered. ni? ct 1əyxt k^w0ə sməyə0 ni? k^wicət-əx^w 2 3 5 6 7 8 1 4 1 nonproximal 5 deer 2 we 6 nonproximal 3 eat 7 butcher 4 article 8 you (sg.) (69b) ni? ?ə č k^wicət k^w0ə sməyə0. Did you butcher the deer?

> ni? ?ə č k^wicət k^wOə sməyəO 1 2 3 4 5 6

1 nonproximal	4 butcher
2 question	5 article
3 you (sg.)	6 deer

Subject and object in Halkomelem may be thought of as syntactically referential positions, permitting anaphoric relationships to obtain between heads and attributive clauses.

4.2 Understood Oblique Adjuncts

When the understood relationship between an attributive clause and a head is that of oblique adjunct, the predicate head of the attributive clause takes the /s-/ nominalizer.

(70a) ni? ct $\dot{c} = y^2 x^w t k^w \Theta = sceelten ni? <math>\dot{\gamma} = n^2 s^2 e x^w e^2 t a 1^2 x^w$. We dried the salmon which you gave us. ni? ct $\dot{c} = y^2 x^w t k^w \Theta = sceelten ni? <math>\dot{\gamma} = n^2 - s - \dot{\gamma} e x^w e^2 t - a 1^2 x^w$ 1 2 3 4 5 6 7 8 9 10

1	nonproxima1	6 nonproximal
-	we	7 your (sg.)
	dry	8 s-nominalizer
- 4	article	$\overline{9}$ give (food)
5	salmon	10 us

(70b) ni? ? ~ č ? ex^we?tal?x^w ? > k^w0> sceelton. Did you give us the salmon? ni? ?
ə č ?ex^we?t-al?x^w ?ə k^w0ə sceeltən 23 1 6 7 4 5 1 nonproximal 5 us 2 question 6 oblique 3 you (sg.) 7 article 4 give 8 salmon

This overt marking of understood oblique relationships sets oblique adjuncts off from the syntactically more central categories of subject and object. Further, other relations introduced by the preposition /?=/, such as locatives and instrumentals, are formally differentiated from oblique adjuncts in attributive clauses.

4.3 Understood Instrumentals and Locatives

Understood instrumental and locative relations between heads and attributive clauses are signalled by the instrumental nominalizer $/\tilde{s}(x^{w})$ -/.

(71a) ni? ? ~ č 1>mn>x^w k^w0> sment ni? n>špas. Did you see the rock that hit me? ni? ?ə č ləmnəx^w k^w0ə sment ni? nə-šx^w-pas 1 23 5 6 7 8 9 10 1 nonproximal 6 rock 7 nonproximal 2 question 3 you (sg.) 8 my 4 see 9 instrumental 5 article 10 hit

(71b) ni? cən pas ?ə k^w0ə sment. I was hit by the rock. ni? cən pas ?ə k^w0ə sment 1 2 3 4 5 -6

1	nonproximal	4	oblique
2	I	5	article
3	hit	6	rock

m?i ?aməs0am?š ?ə t⁰ə x0əm ni? š(s)ən?iw?s k^W0ə sey?. (72a) Come give me the box the wool is in.

> (hə)m[?]i [?]aməst-sam[?]š [?]ə t⁹ə x9əm ni[?] \underline{sx}^{w} -s-hən[?]iw[?]-s k^w9ə sey[?] 7 8 9 2 4 5 10 1 3 6 11 12 13 1 come 7 nonproximal 2 give 8 instrumental 3 me

3 me	9 static
4 oblique	10 be-in
5 article	11 third possessive
6 box	12 article
	13 woo1

(72b) ni[?] [?] $= s = n^{2} i w^{2} k^{W} \Theta = s = y^{2} r^{2} = k^{W} \Theta = x \Theta = m^{2}$. Is the wool in the box? ni? ?ə s-hən?iw? k^wOə sey? ?ə k^wOə XOəm 1 23 4 5 6 7 8 9 1 nonproximal 6 woo1 2 question 7 oblique 3 static 8 article 4 be-in 9 box 5 article

The use of $/\check{s}(x^{W})$ -/ rather than /s-/ to mark understood instrumental and locative relations suggests these categories are grammatically distinct from the oblique adjuncts discussed in section 3.2. However, this may not be compelling evidence for treating oblique adjuncts as distinct from locatives and instrumentals in syntax. It is conceivable that nominalized attributives should be treated as

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 $\varsigma \Rightarrow \breve{s}/-\varkappa$

deep structure nominals and, if so, the grammar would not contain nominalization transformations which differentiate between oblique adjuncts on one hand and locatives and instrumentals on the other.

4.4 Summary

The specifics of attributive clause formation (if transformations are necessary) are not pertinent to the present study. However it is significant to note that subject and object relations do not require special markings, which offers independent evidence of the central nature of these two categories in Halkomelem syntax.

5. Conclusions

Subject and object, as represented in the person systems of Halkomelem, have been presented here as central grammatical categories. This implies that certain semantic regularities in the language are not a function of syntax. For example, the following relationships have been noted above:

- subjects of many (not all) roots correspond semantically to objects of transitives;
- ii. subjects of transitive predicates are agents (or at least thematically higher than instrument or patient);
- iii. oblique adjuncts of benefactives correspond to objects of
 simple transitives;

iv. oblique adjuncts of middle voice /-m/ and activity /-els/ predicates correspond to objects of transitives.

Obviously these facts must be accounted for in the grammar, however this need not be a function of syntactic description. It seems equally, if not more, plausible to account for such case or thematic relations in the lexicon by lexical redundancy rules along the lines of Jackendoff (1975).

Footnotes

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² I do not object to the terms *agent* and *patient* per se, but if they are intended to reflect syntactic categories rather than semantic ones, the usage is misleading.

³ The term *lack-of-control* is awkward, however, I have not found a more appropriate label in the literature. /-nex^W/ is listed here as the underlying form, however it is conceivable that the /e/ represents a phonological strengthening of /ə/. The /e/ form occurs optionally with weak stems (having no inherent vowel).

The resultative of stems in CəC is formed by CV-reduplication plus infixation of /i/, replacing the stem /ə/.

⁵ Conceivably /-nəs/ is a morphologically complex form, however, the examples given exhaust the data collected to date, which are insufficient for further analysis.

⁶ The person system of Halkomelem has been discussed extensively by Dr. Wayne Suttles in unpublished materials prepared for his classes.

⁷ The form /č/ in Cowichan represents a loss of /-x^w/, compare Musqueam /čx^w/ or Saanich /sx^w/. Apparently the /c-/ formative is palatalized before /x^w/.

⁸ The dependent passive construction apparently occurs only in subordinate clauses.

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