Transitive n-stems with stress on the transitive.

The following cases obtain here: k'ez-é-cut "to train (k'ez-) oneself", qeyx-é-cut "to do what men do, to act like a man (s-qeyx*)", qa1-q31-xn-é-cut "to suffer from lack of help" (qa1 "bad", -xn suffix "foot, leg", for its use here cf. zoq-xan "to starve", zoq "dead"), xOas-t-en-cut "to exert oneself, make an effort" (xOas- unique root, found only in this word), ral-ral-en-cut "to be tough" (ral-r al "strong"). Note that here the presence of a as rootvowel does not require the transitive to have the shape -an. A case with a unique transitive is presented by thin-cut "to brag about oneself, to show off" (thin "to admire smt.").

3. Comments.

The four types discussed in this paper show not only formal, but also (rather subtle) semantic differences.

Types 2.1 and 2.2 seem to have a rather subjective, types 2.3 and 2.4 a more objective character. This hypothesis is supported by the fact that we have ̀hes-en-cut, ̀hek-en-cut, and qem-t-en-cut for "to bring oneself" (2x) and "to hit oneself" (see 2.3), whereas "to bring" and "to hit" are ̀hes-c (c ̀hes-s), ̀hek-s, and qem-t-s respectively. I presume that it is the negative connotation of -s-cut-forms that makes derivation with -s-cut for "to bring, hit oneself" impossible. I do not see any semantic difference between types 2.3 and 2.4. As the examples show, there is a striking difference in frequency between the four types: 2.1 and 2.3 are represented by a large number of cases, whereas 2.2 and 2.4 each comprise a small number of examples.

The Source of the Upper Chehalis Reflexive

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The source of the reflexive suffix in Upper Chehalis has been a mystery. It has the shape -c8(t-), which is unlike the reflexive morpheme in any other Salishan language. Yet I believe that it can be shown that it has the same origin as the form -cít (or regular derivatives of this) which occurs elsewhere. Indeed *-sút is what Hoard reconstructed for Proto-Salish (Hoard 1971). His reconstruction does fit the facts that he presents, although his Upper Chehalis citation is wrong, and would not fit if it were correct (blame for the error is not Hoard's, but my earlier misanalysis).

In Ch, -c8 occurs in completive aspect, -cít- (often -cít- in allegro speech) occurs in continuative aspect, making the presence or absence of the final t paradigmatic. The Cowlitz cognate is -cxt (also -cxt or -cx, and -c8 before third person possessive -j; the continuative aspect form is -cjt-), and the Lower Chehalis is -c0x. Thus these Tsanosan forms have a common source, *-cx(t-).

The probable reconstruction of the reflexive suffix in Proto-Salish is *-t-sawt-. Six steps are necessary to arrive at Ch -c8.

(1) The initial t is the transitive marker, and is normally fused in all daughter languages with the initial g of this suffix or of object suffixes into g (which then develops to θ in Halkomelem, Pentlatch, and Sliammon, and to ȶ in Comox and Northern Straits); this does not affect the derivation of the suffix. But since it affects all the languages, I attribute the merger to the Proto-Salish stage. IS languages regularly have -cít or -st as the reflex of this morpheme. The first is the regular stressed form; but this is a variable-stress suffix, and stress can sometimes shift back to the root (with accompanying vowel deletion),

2.4
resulting in -st. The collapse of the sequence šw to š is not common in IS, but also occurred in the causative suffix, which should be reconstructed as *-štšw, and which appears in IS as -štš or (with stress shift and vowel loss) -št. Thus it is possible to derive homophonous variants of the reflexive and causative suffixes in IS.1

(2) Another development illustrated by the causative suffix helps to explain the Tsamosan reflexive suffix. The final w of *-staw was devoiced and fricativized to xw in Sliammon, Sechelt, Pentlatch, Halkomelem, Northern Straits, and Lushootseed, resulting in -stxxw, -stxw, -txw, or -sxw. Devoicing of šw is not general in Salish, so no general conditions can yet be stated for its occurrence; however, it may have been common in final position or before a voiceless consonant. Presumably a vowel had to precede, since it seems to be an old rule in Salish that w between two consonants or between a consonant and a word boundary becomes u. Note that the Tsamosan causative did not devoice w, but kept w (and lost the preceding vowel—it is a weak suffix there) because further inflection is required in these languages; the result is -štšw. But Tsamosan does provide another instance of this devoicing in the reflexive suffix. The result of change 2 would then have been *-cšxšw. Confirmation of this state unexpectedly turned up in Quinault (Gibson field notes) after I had made this analysis: -cixšw (not cited above).

(5) Another change which we know affected several Tsamosan words is the unrounding of xw. A couple of clear cases of this are Ch qšššw, Cowlitz qšššx 'mouth' (cf. Quinault qššsx, Lushootseed qššsx 'throat', Columbian qššsx 'throat', et al.), and Ch tšššw, Cowlitz tšššx 'earth, land' (cf. Quinault tšššx 'sky', Neahna tšššx 'earth, land', Squamish tmššx 'earth, land', Til-lumook tšššx 'earth, land', Shuswap tmššx 'earth, land', et al.) (it is possible, of course, that these two sets of forms also go back to etyma with a final šw in Proto-Salish, but that would not affect the unrounding in Ch and Cowlitz). This shift in the reflexive suffix would result in -cšx, and that is precisely the form that occurs in Cowlitz. (6) All Ch needs further is the shift of š to š to yield -cš, and this is indeed a general sound shift in Ch. The stages of the development of *-t-sššw into Ch can be summarized as follows:

2
PS *-t-s’ét

(1) PS *-cśt
(2) PTs *-cś’t
(3) *-cś’t
(4) *-cś’t or -cś’
(5) *-cś(t-)
(6) Ch -cś(t-)

Cz -cś(t-)

ch. palatalization

w-devoicing

stress shift and vowel deletion

*t paradigmatization or loss

x’-unrounding

No new, unfamiliar Salishan phonological developments need be posited to make this derivation.

One problem remains from the data presented here. Three languages have the vowel i in their reflexive suffixes: Quinault -cśx, Cowlitz -cśt, and Tillamook -cśit and -cśdit. Since Cowlitz -cśt is presumably from *-cśt-, the i is even on opposite sides of the original w from which the x and z are developed. I cannot account for these vowels at this time.5

FOOTNOTES

1. Material for this article was collected from 1960 onward under the auspices of the American Philosophical Society Library, Indiana University, and the National Science Foundation. Abbreviations used in this paper are Ch Upper Chehalis, IS Interior Salish, PS Proto-Salish, PTs Proto-Tsamosan. I wish to thank Laurence C. Thompson for helpful comments on an earlier version of the paper.

2. The actually occurring forms outside Tsamosan are as follows (all transcriptions have been normalized): Bella Coola -cut (R. Saunders, p.c.), Comox -sut (J. Timmers, p.c.), Sliammon -mat (J. Davis 1978), Pentlatch -but (Boas 1890), Sechelt -cut (J. Timmers, p.c., R. C. Beamont, p.c.), Squamish -cut (Kuipers 1967), Halkomelem -(a)bot (Galloway 1977, Kinkade class notes), Nooksack -cut (B. Efrat, p.c.), Sooke -(s)at, -(s)t (Efrat 1969), Songish -(s)at, -(s)t (Raffo 1972), Clallam -cśt, -ct (Thompson and Thompson 1971), Lushootseed -cut (Hess 1976, Snyder 1968), Twana -t (Brachman 1969, Kinkade field notes), Tillamook -sat, -ct, -cśit, -cśdit, -cśt (Snyder 1974), Lillooet -cśt (Van Eijk 1974), Thompson -cśt, -st (Thompson and Thompson ms.), Shuswap -cśt, -st (Gibson 1973, Kuipers 1974), Okanagan -cśt, -st (Nattina 1973), Spokane -cśt, -ist (Carlson 1972), Kalispel -cśt(t), -ist (Vogt 1940), Coeur d’Alene -cśt, -st (Reichard 1938), Cowlitz -cśt, -st (Kinkade field notes). My data are probably inadequate for Halkomelem, Quinault, and Lower Chehalis.

Central Salishan languages often have a second reflexive corresponding to a second set of object suffixes. This is probably reconstructible to Proto-Salish (because the second set of object suffixes also occurs in Tsamosan and Tillamook, but without a second reflexive) as *-mawt. Forms developed from this source available to me are Bella Coola -but (R. Saunders, p.c.), Sliammon -mat (J. Davis 1978), Sechelt -but (Beamont, p.c.), Squamish -numut, -num’ut (Kuipers 1967), Chilliwack Halkomelem -lt-mat (Galloway 1977), Sooke -but (Efrat 1969), Songish -but, -but (Raffo 1972), Clallam -but (L. C. Thompson, p.c.), Lushootseed -but (Hess 1976, Snyder 1968), Twana -tbot (Kinkade field notes), Tillamook -wst (L. C. Thompson, p.c.).

3. Since comparison with the causative suffix is relevant here and to the next step of the derivation of the Ch reflexive, I give here all causative forms available to me (missing are Comox, Clallam, Nooksack, Lower Chehalis, Tillamook, and Lillooet). This suffix has extended or changed its function, or is variously interpreted by analysts, in several languages; these factors are ignored here. Bella Coola -t-, -tu- (Newman 1969), Sliammon //stw/-stox, -sx, -stwu, -st-, -sw (J. Davis 1978), Pentlatch -stox (Boas 1890), Sechelt -stox, -stwu, -st- (Beamont 1977, J. Timmers, p.c.), Squamish -t- (Kuipers 1967), Halkomelem -stox, -st (Galloway 1977, Kinkade class notes), Sooke -tux, -tx (Efrat 1969), Songish -tx (Raffo 1972), Lushootseed -tx, -tu-
(Hess 1976, Snyder 1968), Twana -st, -s (Drachman 1969), Kinkade field notes, Quinault -stu- (Gibson field notes), Upper Chehalis -stu-, -tu-, -tu- (Kinkade field notes), Cowitz -stw-, -stu-, -st- (Kinkade field notes), Thompson -s-t- (Thompson and Thompson ns.), Shuswap -st- (Kuipers 1974), -s- (Gibson 1976), Okanagan -stw-, -st- (Mattina 1975), Spokane -s(t)w-, -st(t)m (Carlson 1972), Kalispel -stw-, -st- (Vogt 1940), Coeur d'Alene -stu-, -st-, -s- (Reichard 1938), Columbia -stw-, -st- (Kinkade field notes).

4. With a very few exceptions; this does not apply to CVC(C) roots, which mark continuative intransitives with -(a)w-.

5. The a in Northern Straits is regular from *a, and the various instances of a are regular (unstressed) reductions of *a (or *a).

REFERENCES


Introduction

1. Colville imperatives
   1.1. Intransitive
   1.2. (Di)transitive
   1.3. Negative forms
2. Imperatives in the other Interior languages
3. Conclusions

0. Introduction. In this paper I describe the grammar of Colville (Cv) imperatives, intransitive and (di)transitive, positive and negative; then I review the extant discussions of the imperatives in other Interior Salish languages; and finally I make some observations about the emerging picture of the Interior Salish imperative system.

1. Colville imperatives. There are two major types of Cv imperatives, and each of these can be expressed in the positive or negative.

   1.1. Intransitives. I will discuss first the intransitive imperatives, organized by person.

      1.1.1. Second person. The 2nd person intransitive imperative suffixes are -x 'sg'; -wi 'pl'. These suffixes are added to simple intransitive stem:
      
      x"uy-x 'go'  x"lap-x 'stop that'
      x"gy-wi 'go pl'  x"lap-wi 'stop that pl'