## Causativization in Meiteilon

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A causative construction denotes (expresses) a situation in which two events are involved, a preceding causing event and a subsequent caused event, such that if there had been no causing event, the caused event could not have followed (Shibatani 1976). This situation, called a "macrosituation," is thus comprised of two microsituations, a causing microsituation or antecedent, and a caused microsituation or consequent (Nedjalkov and Silnickij 1969). If there is no antecedent, there can be no consequent.



Macrosituation

The causing microsituation is "your silence," as a consequence of which "he was angry." It can be asserted that had you not been silent he would not have been angry.

Causative forms are of two types: morphologically regular and productive forms, and non-productive forms which are morphologically irregular. Productive causative constructions involve either the use of auxiliary causative verbs or the use of affixes. Languages of the isolating type have a tendency to use auxiliary causative verbs, while agglutinative languages tend to use affixes.

Meiteilon is an agglutinative language, and has both productive and non-productive types of causatives.

Lexical causatives.

Meiteilon has some suppletive pairs of simplex/causative verbs, e.g., si-die' and hat-'kill':

la.	ucek	əma.	si-re
	bird	one	die-PERF ASP
	A bird has died.		

1b.	əy-ne	ucek	əma	hat-le
	I + NOM	bird	one	kill-PERF ASP
	I have killed a bird.			

Although the two roots si- 'die' and hat- 'kill' have no phonological similarity, they can be easily related by means of the Generative Semantic approach<sup>1</sup>: the causation is not overtly marked in the surface structure, but it is there at the abstract semantic level. The verb hat- 'kill' contains in its underlying semantic structure the verb si- 'die'. Hence the semantic interpretation for hat- can be stated as CAUSE DIE, even though the verb si- never actually appears in the surface structure of the sentence. Thus, a sentence like  $m \Rightarrow hak-n \Rightarrow k \Rightarrow y \Rightarrow ma hat-1i$  "He kills a tiger", in which the element of CAUSE is not present in the surface structure, can still be viewed in terms of a causing event and a caused event. It thus makes no sense to say:

\*məhak-nə kəy əma hat-li əubu kəy -du si-de he- NOM tiger one kill-ASP but tiger that die-NEG \*He killed a tiger, but that tiger didn't die.

In fact, both lexical and productive causatives share semantic properties. This can be accounted for in a unified way if some common predicate is posited for both of them at the abstract level.

The underlying semantic representation for məhak-nə kəy əma hat-li "He kills a tiger" is shown in Figure 1.

By means of predicate raising we now have the semantic predicate (CAUSE higbə oi-da-ba) - CAUSE si-ba [DIE]: the lexical item hat-pa 'kill' can then be inserted to arrive at the surface structure.

Morphological Causatives.

Meitellon has a uniform strategy for forming causatives from all kinds of non-causative verbs. All verbs (intransitive and transitive) form their corresponding morphological causatives by adding the causative particle /-hen/-/-hel/ directly:

Stage I: Root<sup>2</sup> + causative marker = Stem cət + hən = cət-həngo

See McCawley 1968.

<sup>2</sup> All verbal roots in Meiteilon are bound; after the suffixation of appropriate markers they become particular free forms.



Figure 1

ca- cat	+ hən	= ca-hən-
thək drink	+ hən	≖ thək-hən-
pa read	+ hən	= pa-hən-
pi glve	+ hən	= pi-h∂n-

Stage II: Suffixation of aspect markers.

Aspectual markers can then be added to the causative stem:



cət	+ hən	+ li = cət-həl-li	[cause to go]
ca	+ hən	+ li = ca-həl-li	(cause to eat)
thək	+ hən	+ li = thək-hən-li	[cause to drink]
pa	+ hən	+ li = pa-hən-li	[cause to read]
pi	+ hən	+ li = pi-hən-li	[cause to give]