# Glossed Conversational Data in Nłe?kepmxcín* 

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#### Abstract

Nłe?kepmxcín, from the Northern Interior sub-family of the Salish languages, has a very limited amount of glossed data available. This work introduces 20 minutes of fully glossed conversational data. The speakers involved were two friends who discussed image prompts supplied by the fieldworkers. Data of this kind offers several advantages not conferred by regular elicitation data. Since it is less controlled by the fieldworker, it permits the possibility of a greater variety of vocabulary, sentence structures, etc. Conversational data also provides a body of data from which we can study phenomena not found in isolated sentences, such as question-and-response patterns and natural prosody. In future, the glossed transcriptions, audio recordings, and image prompts can be packaged together to provide learning resources for students of the language. And of course, this work adds to the too-limited body of glossed texts in the language.


Keywords: Nłe?kepmxcín, Salish, conversation, text

## 1 Background

Nłe?kepmxcín (also known as Thompson River Salish; ISO 639-3: thp) is a Northern Interior Salish language spoken along the Thompson river in British Columbia, with around 100 fluent speakers remaining (Gessner et al. 2023). Though there are only a handful of first-language speakers, language revitalization efforts are ongoing. Thus, there is an urgent need to document the language in order to support present and future learners. It is particularly useful to have glossed data, which consists of not only Nłe?kepmxcín text and its English translation, but a more detailed breakdown of each meaningful unit in the Nle?kepmxcín text. At present, there is very little glossed data available, even compared to the other Northern Interior languages. There is only a single book of glossed text available (Egesdal et al. 2011), along with the limited glossed examples that appear in various linguistics papers on the language.

We thus begin remedying this dearth of glossed data by presenting a collection of glossed conversational data. Though any glossed data is certainly useful, our hope is that the conversational nature of the data gives it additional utility. Most glossed data that exists (that which typically occurs in linguistics papers) is from very structured elicitation sessions, where the fieldworker is studying a particular phenomenon in the language and is asking the consultant to perform discrete

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tasks such as giving translations or providing judgments. This data tends to be in the form of isolated sentences, and is not spontaneously offered by the consultant (either because the sentence was created by the fieldworker, or created by the consultant in a fairly contrived setting). Thus, this data can fail to capture some more natural components of speech in the language. Eliciting conversational data is a means to try to avoid some of these limitations from typical elicitation data. The more spontaneous nature of the speech may reveal some aspects of the language that do not come up in fieldworker-controlled language tasks. As well, the continuous, back-and-forth nature of conversation allows the data to include some components of language use that wouldn't be present in other kinds of data, such as question-and-response patterns (San Roque et al. 2012), and various prosodic structures (Caldecott \& Koch 2014). Finally, the friendly dynamic between the speakers permits more creative language use (including joking and singing) that allows us to see the language being used joyfully, rather than just in the more sterile elicitation setting. The structure of this paper is as follows: Section 2 deals with the methodology we employed for eliciting these conversations, as well as a note on glossing and transcription conventions followed throughout the paper. Section 3 discusses interesting linguistic elements about Nłe?kepmxcín featured in the conversational data. Section 4 presents the conversational data using a four-line gloss. Section 5 concludes.

## 2 Methodology

### 2.1 Elicitation practice

The following data comes from a single elicitation session with two speakers of the Nicola Valley dialect of Nle?kepmxcín. The speakers knew one another outside of their consulting work. The elicitation approach we used comes from Caldecott and Koch's (2014) discussion of fieldwork methodologies that facilitate both the investigation of linguistic phenomena often missing from elicitation data (e.g., prosody, discourse structure) and the creation of accessible language-learning resources. We selected one of their methodologies for guided conversation: asking the consultants to have a conversation between themselves, but prompting them with images in order to give them a starting point (to prevent the awkwardness of being asked to "have a normal conversation"). Caldecott and Koch (2014) also note that this prompted approach avoids the potential pitfalls of bringing up personal topics (which the speakers may not be comfortable discussing in data that will be shared with the community) or having conversations they've already had (as may be the case if they're asked to discuss the weather, what they've been up to lately, etc.). The conversation data and accompanying images can also be shared with communities to provide a learning resource. With this in mind, royalty-free images were chosen - these are easy to find online and can be shared without copyright concerns. We tried to select photos that had enough going on to prompt conversation and involved content that would be relevant (or at least familiar) for the speakers.

Over Zoom, we would screenshare one image at a time and ask the consultants to talk to one another about what they saw in the photo. They would chat for a few minutes per photo and then let the fieldworkers know once they had nothing more to say. The photos used are presented in Figures 1 to 4 (in order of use).


Figure 1: A group playing instruments, singing, and dancing. ${ }^{1}$


Figure 2: A family of geese setting off into the water. ${ }^{2}$

[^0]

Figure 3: Another family of geese swimming, this time with older offspring. ${ }^{3}$


Figure 4: A smiling cat holds a fish while a birthday cat glowers in the background, set in an outdoor scene including the Fraser River. ${ }^{4}$

### 2.2 Glossing and transcription conventions

The data was recorded in Zoom. It was transcribed at the sentence-level in ELAN. It was then glossed using a four-line approach: Nłe?kepmxcín sentence, morpheme-by-morpheme segmentation, gloss corresponding to each segmented morpheme, and an English translation of the sentence (see example (90)).

[^1]
'They brought their children to the water.'
The Nte?kepmxcín transcription (used in the first two lines) is written in a version of the North American Phonetic Alphabet (NAPA) which is standard for the language. The primary differences between this orthography and the International Phonetic Alphabet (IPA) are as follows: NAPA uses
 specified in this last case, as the unaspirated variant does not exist in the language). The Leipzig glossing rules (Comrie et al. 2008) were followed as much as possible. Glosses used in this paper that do not appear in the Leipzig Glossing Rules are listed in footnote 5. ${ }^{5}$ As for stress marking, we marked primary stress (using an acute accent), following the style of the Nłe?kepmxcín-English dictionary (Thompson \& Thompson 1996).

There are a number of phonological processes at work in Nłe?kepmxcín whereby certain morphemes are often phonologically unrealized. Instances where underlying morphemes are present but phonologically unrealized will be indicated within square brackets in line 2 of the gloss (i.e., the morpheme-by-morpheme segmentation line). Pauses in speech are represented only in line 1 (the orthographic line) by ellipses. Repeated words are often included, but false starts for sentences that appear later in full are not. Where consultants follow up Nte?kepmxcín utterances with English ones, these have been left in as they are still meaningful parts of the conversation. As a result, not all translations are particularly literal (such as 246). Music notes ( $\delta$ ) in the gloss indicate that a particular utterance was sung. Square brackets in the fourth line of the gloss (i.e., the English translation) indicate linguistic metadata. Regular parentheses indicate missing context. All errors in glossing are our own.

## 3 Analysis

Eliciting in this way allowed us to observe some linguistic features that we had not hitherto come across in our other elicitation sessions. A selection of these features are commented on below.

### 3.1 Potential discourse markers

The consultants frequently used the phrase e met nes, glossed here as INT CNSQ INCIP, e.g., (59), (62), (75), (79), (112), (141), (172). The consequential morpheme is described by Thompson and Thompson as meaning "change from present situation: anyway, anyhow; despite the evidence,

[^2]contrary to expectations" (1992:139), whereas the incipient is described with "depart, go toward" (1992:142). The prevalence of this phrase in our conversational data in particular suggests it could have a discourse-related role. It seems that it may be used to connect events, e.g., (62), (112), (173). Its function could be a fruitful direction for further study.

Additionally, consultant CMA used the word téywey (119), which is seemingly unattested in Thompson and Thompson $(1992,1996)$ but which she described as meaning "oh gosh", expressing surprise, wonder, anger, etc. For this reason, we have presently glossed it as EXCM. Interestingly, she also told us that the word is not appropriate for young speakers to use.

Finally, a very lengthened ?o was also used by CMA, and our suspicion that it could be a discourse marker was reinforced by the use of a similar morpheme in St'át'imcets, another Northern Interior Salish language (Lisa Matthewson, p.c.). We have glossed it as DISC for now based on this theory, but more data is needed. If it is indeed a discourse marker, then eliciting more conversational data in future should provide further instances to study.

### 3.2 Evidentials

Something else of note is that consultants sometimes prefer to translate sentences containing evidential morphemes, particularly $n k e$ and $n u k^{w}$, as utterances indicating speaker certainty. ${ }^{6}$ This is seen particularly in Conversation 1, and in lines (1), (11) to (13), (16), (188), (199), and (255). These sentences all seem to be oriented towards either the near future, e.g., (1), (11) to (13), (16), (188), or the present, e.g., (199) and (255). There are also instances of consultants choosing to use a modal when translating sentences containing evidentials, as in (122), (161), (165), (186), and (206). In these instances, utterances containing the inferential evidential nke are translated using the strong English modal 'must'. This pattern of evidentials acting as modals in contexts compatible with epistemic conversational backgrounds is observed in a neighbouring language, St'át'imcets (Matthewson et al. 2007). Utterances translated as 'maybe', a weaker English modal, also use nke, as in (5) and (14), as do those translated with 'probably' (167). There are also two instances of nke being used to indicate some kind of conjecture on the part of the speaker as to the actions or states of the various subjects in the picture. This usage is seen in (181) and (192); (181) is translated using 'seems to be', and (192) as 'looks like'; these could both be regarded as inferential statements on the part of the speakers based on the evidence provided by the picture, which is in line with the labelling of nke as an inferential evidential (Littell et al. 2010).

These conversations also feature some instances of the reportative evidential, $e k^{w} u$ (sometimes realized as $w k^{w} u$ or $k^{w} u$ ). As predicted by the name, this evidential appears most commonly in contexts where a speaker is relaying a story or event that they have found out about through another person, i.e., they are passing on information that they obtained from a second- or third-hand source. Examples of this are seen particularly clearly in (26) and (27), where the speaker is recounting an event that was told to her by another person. There are also examples of the reportative evidential in contexts where it is less clear who the reported information was obtained from, as in (40), or (109). Another instance of the reportative is found in (222), where participants are discussing the birthday hat that one of the pictured cats is wearing, particularly referring to the fact that it is a birthday hat. More research into the exact functions of the reportative is needed, and these glossed conversations represent a first step in and a valuable resource for examining these functions.

[^3]
### 3.3 Determiners and demonstratives

For the sake of glossing, we follow Kroeber (1997) in treating $(h) e=, t(\partial)=$, and $k=$ as base determiners, and in segmenting $t=e=\langle t e\rangle,[t]=t=\langle t\rangle$, and $t=k=\langle t \partial k\rangle$ into base determiners preceded by oblique prepositions. We gloss the elements introducing complement and adjunct clauses as D/C for determiner/complementizer, following Henry Davis (p.c.). However, due to the complexity of the conversational sentences and the lack of standardization in glossing conventions, we expect mistakes.

One interesting point of analysis is that the $(h) e=$ determiner is far more variable in rapid speech. Attested forms include $h e=, २ e=, h \partial=, ? \partial=, e=$, and $\partial=$. It often phonologically blends into the previous word, sometimes to the point of dropping entirely (especially if the previous word ends in a vowel). This is especially common after demonstratives, which consultants use very frequently. The demonstratives are often chained together in strings preceding the DP, as in (217), (234), and (243).

### 3.4 Other morphemes

In the conversational data, there are some novel morphemes that were previously unattested in the dictionary (Thompson \& Thompson 1996). One such example is visible in (240) and (241). At first, we assumed the -sut morpheme was reflexive, but the translation did not indicate reflexivity. Matthewson (p.c.) notes that it looks like the St'át'imcets out-of-control suffix -sut, which makes more sense in this context, but is unattested in the grammar (Thompson \& Thompson 1992).

Some morphemes also occurred in unexpected new contexts. Typically, we translated the word $x^{x e y m}{ }^{7}$ as 'indeed' (54, 78, 122). However, it received two very different translations in (166) and (246). In (166), the consultants volunteered the translation "there's a balance", acknowledging the circle of life. In (246), however, the same morpheme appears inflected as xeymximus (possibly using an indirective $-x i$ and a conjunctive $=u s$ ) to mean "[that's what] people did". In each case, the root seems to mean something like "that's how it is", but depending on the context and inflection, it can achieve new unexpected meanings.

Other new morphemes include q́axném 'holler' (61), $k^{w} y x u s ~ ‘ ? ’(110), ~ s e n k ~ ' m e a n-t e m p e r e d ’ ~$ (119), 'k"mi 'small' (160), stwúsc 'face' (190), sk'w ${ }^{\prime}$ 'cs ' $\log$ ' (199), and stustks 'a wire snare trap used for catching squirrels'(252).

## 4 Data

The data presented in this section represent approximately 20 minutes of conversation between two speakers, CMA and KBG. The breakdown by image is as follows: 6 minutes 35 seconds for Figure 1, 4 minutes 40 seconds for Figure 2, 1 minute 50 seconds for Figure 3, and 6 minutes for Figure 4.

### 4.1 Conversation 1

The conversational data collected is numbered according to the order the sentences were uttered after the initial image prompt. The image used to prompt this conversation is reiterated below.

[^4]

Figure 1: A group playing instruments, singing and dancing.
(1)

> FUT=INFER PL~sing-TR-1PL.OBJ-3ERG
> 'They're going to sing to us.'
(2) $\mathrm{KBG}: x^{w} u ́ y$ ’é? Pi séýsi?
x"úý né? Pi séỷsi?
FUT DEM still play
'They're going to play.'
(3) KBG: séysi?
séýsi?
play
'They're playing.'
(4) CMA: Péy

Péy
yes
'Yep.'
(5) KBG: képus nke
ké?=us=nke
$\mathrm{Q}=\mathrm{CNJ}=\mathrm{INFER}$
'Maybe. ${ }^{\circ}$

[^5](6) KBG: tépe né? fiddle pet te sté? us nke he guitar
té?e né? fiddle peł łe=s-té?=us=nke he=guitar
NEG DEM fiddle INH D/C=NMLZ-what=CNJ=INFER DET=guitar 'I don't know the word for fiddle or guitar.'

| CMA: te? | nsxıksténe | xére |
| :---: | :---: | :---: |
| te? | $\mathrm{n}=\mathrm{s}=\mathrm{x}$ 2ks-t- $\varnothing$-éne | éPe |
| NEG | LOC=NMLZ=know-TR-3OBJ-1SG.ERG | DEM |

'I don't know the word for guitar.'
KBG: Péy
Péy
yes
'Yep.'


until FUT DEM PL~sing-CTR.MID
'They are going to sing.'
(10) KBG: Péy

Péy
yes
'Yep.'

| CMA: | $x^{w}$ | $x^{w} u ́ y$ nuk ${ }^{w}$ | Piẋm | Pet | séyssi? |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $x^{\text {wáy }}$ = $=$ nuk $^{\text {w }}$ | $\mathrm{x}^{\text {w }}$ ¢́y ${ }^{\text {a }}$ nuk ${ }^{\text {w }}$ | Pì̀-m | 2eł | séysir |
|  | FUT=SENSE | FUT=SENSE | sing- | and | play |

'They are going to sing and play.' [indicating their instruments]

| CMA: | $x^{w} u$ ́f nuk | nép | Piर्̃̃m | Pet | séysi? |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathrm{x}^{\text {w }}$ úy $=\mathrm{nuk}^{\text {w }}$ | né? | 2ì̀ -m | Pel | séysi? |
|  | FUT=SENSE | DEM | sing-C | and | play |
|  | 'They are going to sing and play.' |  |  |  |  |



[^6](14) KBG: e kép us nke
e=ké?=us=nke
DET=Q=CNJ=INFER
'Maybe. ${ }^{10}$
(15)

| CMA: | ské us nke | nast |
| ---: | :--- | ---: |
|  | ské=us=nke | nəst |
|  | PRSM=CNJ=INFER | TAG |
|  | 'I suppose they will (won't they?).' |  |


| KBG: | Pet | $x^{w} u$ úy nke | nére | Piर̇m | né? | sté? | $x^{w} u{ }^{\prime}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pel | $x^{\text {wúy }}$ = $=$ nke | nére | 3ì $\mathrm{\lambda}-\mathrm{m}$ | né? | s-té? | $\mathrm{x}^{\text {wúy }}$ |
|  | and | FUT=INFER | DEM | sing-CTR.MID | DEM | NMLZ-what | FUT |
|  | he square dancing |  |  |  |  |  |  |
|  | he=square dancing |  |  |  |  |  |  |
|  | DET=square.dancing |  |  |  |  |  |  |

KBG: $\delta$ súwle ketete? e?snúkwe? ${ }^{11}$ súwle ke=te~té? e?-s-núkwe? spin.around $\quad$ DET=PL~DEM 2SG.POSS-NMLZ-friend 'Swing your partner round and round.'
(18) KBG: $\delta$ súwle ke tete? e?snúkwe? súwle ke=te~té? e?-s-núk we?
spin.around DET=PL~DEM 2SG.POSS-NMLZ-friend 'Swing your partner round and round.'
(19) KBG: sté? xwúýce?
s-té? xwúỷce?
NMLZ-what more
'What else?'
(20) KBG: Pex wi? né? ti e fiddle
?ex wi? né? ti e=fiddle
be EMPH DEM INT DET=fiddle
'And there's a fiddle.'
(21) CMA: $2 e t$ square dancing

Peł square dancing
and square dancing
'And square dancing.'

[^7](22) KBG: Péy

Péy
yes
'Yep.'

CMA: ?éy
Péy
yes
'Yep.'
(26) KBG: Pex ḟəp nép cút nskíxze? ek w Pet t nsk̉wóz May

Péx 久̉วp né? cú-t n-skíxze? $\mathrm{ek}^{\mathrm{w}} \mathrm{u}$ ?eł $1=n$-skwóz May be MOD DEM say-TR 1POSS-mother REP and DET=1POSS-aunt May '[My mother said that] my Aunt May used to call at square dances.'
(27) KBG: nem ekw cunwéns xépe
nem=ek ${ }^{\text {w }} u$ cu-nwén-s xé?e
very=REP tell-NCTL-3POSS DEM
'She was really good at it.'

'Swing your partner round and round, swing your partner round and round and give her a kiss.'

[^8]KBG: pút
pút
be.enough
'Enough.'


KBG: Péy
Péy
yes
'Yep.'

خ̀éy
women's.dance
'Women's dance.'
KBG: stíéy
s-خ̀éy
NMLZ-women's.dance
'Women's dance.'
CMA: sì̛éy.
s-خ̀éy
NMLZ-women's.dance
'Women's dance.'

| CMA: | $\dot{\lambda} u$ ? | pút kn | cúw | $e k n$ | sṫéy |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\dot{\lambda}^{\text {u }}$ ? | pút=kn | cúw | $\mathrm{e}=\mathrm{kn}$ | s-خ̇éy |
|  | only | be.enough=1SG.SBJ | do | DET $=1$ SG.SBJ | NMLZ-women's.dance |
|  |  | $t$ kıwmírme? un |  |  |  |
|  |  | $\mathrm{l}=\dot{\mathrm{k}}^{\mathrm{w}} \mathrm{m} \sim 1 \mathrm{i}$ Pme? $=$ un |  |  |  |
|  |  | DET $=$ small $\sim$ PRP $=1 \mathrm{SG}$. |  |  |  |
|  | 'Wh | I was little, I didn | do eno | gh dancing.' |  |

KBG: Péy
Péy
yes
'Yep.'

| CMA: | the Irish... cúwte | Péy |
| :--- | :--- | :--- | :--- |
| the Irish cúw-t-e | Péy |  |
| the Irish do-TR-1SG.ERG | yes |  |
|  | 'Yeah, the Irish jig.' |  |

'Yeah, the Irish jig.'
(42) CMA: yeah ećíy tépe kémetx́émet xépe
yeah e=číy té?e kémel~x́émeł xépe
yeah D/C=like.that NEG CONTR~AUG DEM
'Yeah, like that, not like this.'

## CMA: Réy <br> ?éy <br> yes <br> 'Yep.'

| CMA: | tate? | sxaksténe | xéree |
| :--- | :--- | :--- | :--- |
|  | tote? | s-xək-s-t-Ø-éne | xéPe |
|  | NEG | NMLZ-know-CAUS-TR-3OBJ-1SG.ERG | DEM |
|  | 'I don't know that.' |  |  |

KBG: 刣ú? xére
えú? xépe
only DEM
'Just that one.'


yes only be=REP be=REP FUT D/C=do-NCTL-2SG.ERG
 $s$-té? $\quad x^{w}$ úỷ $\quad$ خəəm xé? $\quad e=$ Irish jig NMLZ-what FUT PFV DEM DET=Irish jig
'But you know how to do the Irish jig.'

| CMA: | çé |  | xére |
| :---: | :---: | :---: | :---: |
|  | cé |  | xére |
|  | EMPH.INT | different $\sim$ PL-3POSS | DEM |
|  | 'They're d | ferent.' |  |

KBG: ?éy
?éy
yes
'Yep.'

KBG: Péy
Péy
yes
'Yep.'

| CMA: | siPséysips | $e$ | met | n?éye |
| :--- | :--- | :--- | :--- | :--- |
| sipséysip-s | e | met | nPéye | $\mathrm{u}=\mathrm{kt}$ | several.play-3ERG INT CNSQ here to=1PL.SBJ

'They're playing their instruments.'
KBG: ske wéwetiyxs e séytknmx
ske wéw-[n]-t-iyxs e=séytkn-mx
PRSM call-DIR-TR-3PL DET=people-person
'They call the people.'

'The people used to, they like(d) that kind of music.'

CMA: २e séysi?s
Re=séýsip-s
D/C=play-3POSs
'They would play.'

'They call the people that they were going to gather and they were going to play the instruments.'
(53)

CMA: ...te loud
$\mathrm{t}=\mathrm{e}=$ loud
OBL=DET=loud
'It was loud.'

'They were drumming so all the people can hear.'

| CMA: |  |  | sté? | wér Pex | citx ${ }^{\text {w }}$ | $x^{w} u^{\prime} y^{\prime}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | x̣wúỷt $\sim$ wáuy | 入̀ว | s-té? | wé? ?ex | citx ${ }^{\text {w }}$ | xwúy |  |  |  |
|  | PL~go.out | PERF | NMLZ-what | DEM be | house | FUT |  |  |  |
|  | ks Pes ne |  |  | Pes cút | ćiye |  | $e$ | met | nes |
|  | $\mathrm{k}=\mathrm{s}$-?es- | -néPis |  | Pes-cút | čiye |  | e | meł | nes | DET=NMLZ-STAT-people.go STAT-get.ready EMPH.INT INT CNSQ INCIP

'They would go out the doors and hear the drum and they'd know so they'd all get ready to go out for the evening.'
(60)

CMA: Res puminems
Pes-pu-mín-em-s
STAT-drum-RLT-INDF.ERG-3POSS
'They all would drum and sing.'
(61)


| CMA: | Pet | $e$ | met | nes | Pes... |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Pet | e | met | nes | Pes... |
| and | INT | CNSQ | INCIP | STAT |  |

'And then they would...'

(64) KBG: Square dancing?

CMA: ...sṫéy
NMLZ-women's.dance
'The síéy.'
(66) CMA: Hm?
(67) KBG: square dancing us
square dancing=us
square dancing=CNJ
'Square dancing [suggestion].'
(68) CMA: te... té?e
te tére
NEG NEG
'No... no.'

[^9](69) CMA: eh $l$ Pexus...
eh $1=$ exeus
eh $\quad \mathrm{D} / \mathrm{C}=\mathrm{be}=\mathrm{CNJ}$
'And then they would...'
(70) KBG: ké?us sté?
ké?=us s-té?
Q=CNJ NMLZ-what
'Which one?'
(71) CMA: né? Réy
né? Péy
DEM yes
'That one.'
(72) KBG: đ̛̇ix wet Píy né?e

え̇íx ${ }^{\text {el }}$ Píy néfe
different yes DEM
'That one's different. ${ }^{14}$
(73) KBG: đ̛̉ixwet e wi? xépe stééy

different D/C=EMPH DEM NMLZ-women's.dance
'The sťéy is different.'
(74) CMA: he?éy síéy
he?éy s-خéy
yes NMLZ-women's.dance
'Yes, the síéy.'

'And the women would dance with each other.'
(76) CMA: Pex Pi站m

Pex iin -m
be sing-CTR.MID
'They would sing.'

[^10]\[

$$
\begin{align*}
& \text { CMA: } x^{w} u ́ y \text { nérís e } s x^{w} a k^{w} s  \tag{80}\\
& \mathrm{x}^{\mathrm{w}} \text { úy népís } \quad \mathrm{e}=\mathrm{s}=\mathrm{x}^{\mathrm{w}} \mathrm{ák}^{\mathrm{w}}-\mathrm{s} \\
& \text { FUT people.go D/C=NMLZ=desire-3POSS OBL=NMLZ-fall sing-CTR.MID } \\
& \text { Pet } x^{w} u ́ y \text { kqęnim né? né? tk Pìy.... eh tk... } \\
& \text { Peł x wúy } k=q e \text { nním né? né? } \mathrm{t}=\mathrm{k}=\text { Pìy eh } \mathrm{t}=\mathrm{k} \\
& \text { and FUT D/C=hear DEM DEM OBL=D/C=good eh OBL=D/C } \\
& \text { tksižm Pet te Ret } x^{w} u \text { úy } \\
& \mathrm{t}=\mathrm{k}=\mathrm{s}-\mathrm{i} \grave{\lambda}-\mathrm{m} \quad \text { Pet le Peł } \mathrm{x} \text { wáy } \\
& \text { OBL=D/C=NMLZ-sing-CTR.MID and DEM and FUT } \\
& k \text { síéy Péy } \\
& \mathrm{k}=\mathrm{s}=\text { خ̀́éy Péy } \\
& \text { D/C=NMLZ=women's.dance yes }
\end{align*}
$$
\]

'They would gather and people would sing and dance and people would feel good.'
KBG: $\begin{aligned} & \text { Péy } \\ & \text { Péy } \\ & \text { yes } \\ & \text { 'Yep.' }\end{aligned}$

'Long time ago, when the women used to gather and dance, they would call the people, and they grabbed something.'

$$
\begin{array}{rlllllll}
\text { CMA: } & \text { e violin } & e & \text { met } & \text { nes } & \text { qePnimetiyxs } & \text { e séytknmx }  \tag{79}\\
\text { e=violin } & \mathrm{e} & \text { meł } & \text { nes } & \text { qe?ním-e-t-iyxs } & \mathrm{e}=\text { =séytkn-mx } \\
\text { DET=violin } & \text { INT } & \text { CNSQ } & \text { INCIP } & \text { hear-DIR-TR-3PL } \mathrm{DET}=\text { people-person } \\
\text { Pes... } & \text { Pes népís } & \text { cúw } & \text { ciy } & \text { Pet } & \text { xəkstíyxs } \\
\text { Pes... } & \text { Pes=ne?ís } & \text { cúw } & \text { čiy } & \text { Peł } & \text { xək-s-t-íyxs } \\
& \text { STAT } & \text { STAT=people.go do } & \text { EMPH } & \text { and } & \text { know-CAUS-TR-3PL }
\end{array}
$$

'Someone would play the violin, and the neighbours would be able to hear it from across the river and up the valley, and they'd know it was time to gather.'


KBG: ?éy
réy
yes
'Yep.'
$\begin{array}{lllll}\text { CMA: } & \text { Pìy } & e & \text { met } & \text { xé? } \\ \text { Pì } & \mathrm{e} & \text { meł } & \text { xé? } \\ \text { good } & \text { INT } & \text { CNSQ } & \text { DEM }\end{array}$
'It was good.'

'And they would always bring food with them, they would bring out a little bit of food each.'

| CMA: | Péy |
| ---: | :--- |
| Péy |  |
| yes |  |
| 'Yep.' |  |

KBG: Péy
Péy
yes
'Yep.'

### 4.2 Conversation 2



Figure 2: A family of geese setting off into the water. ${ }^{15}$

[^11](86)

CMA: Púk"untiyxs
Púk ${ }^{w} u-n-t-\varnothing$-iyxs
deliver-DIR-TR-3OBJ-3PL
e scmeyts.
e=s-cm-eyt-s
DET=NMLZ-small-agent-3POSS to=water
'They brought their children to the water.'
(91) CMA: Did that sound right?

| CMA: | pe | sxíq |
| ---: | :--- | :--- |
|  | Pe | s-xíq |
|  | DET | NMLZ-duck |

KBG: sxaqxíq
s-x̣aq~xíq
NMLZ-PL~duck
'Ducks.'
CMA: ?éy
Péy
yes
'Yep.'
CMA: sxaqxíq
s-x̣əq~x̣íq
NMLZ-PL~duck
'Ducks.'
e sxaqxíq
$e=s-x \not \partial q \sim x i ́ q$
DET=NMLZ-PL~duck
wa $q^{w} O$ ?
w $=\mathrm{q}^{\mathrm{w}} \mathrm{o}$ ?
to=water

CMA: Púkwuntiyxs Pe scmeýts
?úkwu-n-t- $\varnothing$-iyxs
deliver-DIR-TR-3OBJ-3PL
?e=s-cm-eỷt-s
Pe sxaqxíq
Pe=s-x̣әq $\sim$ xíq
DET=NMLZ-PL~duck
'They brought their children.'
KBG: I would say...
KBG: nem nuk q̛íym ne? xépe... cmípme?... nem=nukw ${ }^{w}$ qíy-m ne? xé?e cm~í?me? very=SENSE cook-CTR.MID DEM DEM small~PRP
to sxaqxíq
$\mathrm{t}=\partial=\mathrm{s}$-х̣әq~xíq
OBL=DET=NMLZ-PL~duck
'My dad really liked to eat the ducklings.'
(95) CMA: Must be getting close to noon, Bernice, you getting hungry?

CMA: Péy Péy
Péy Péy
yes yes
'Yes, yes.'

| KBG: | Pex | xアe | Púpis | $n$-sqácze? |
| :--- | :--- | :--- | :--- | :--- |
|  | Pex | xPe | Púpi- $\varnothing$-s | n-s-qácze? |
|  | be | DEM eat-3OBJ-3ERG | 1SG.POSS-NMLZ-father |  |
|  | 'My father used to eat those.' |  |  |  |

(99) CMA: Oh?
(100) KBG: ?éy

Péy
yes
'Yep.'
(101)

KBG: túmes nére sćém
túm-[n-t]- $\varnothing$-s né?e s-cém
slurp-DIR-TR-3OBJ-3ERG DEM NMLZ-bone
'He would slurp the bone.'
(102) CMA: milzm
míləm
$?^{16}$
'Yes.'
(103) KBG: ?éy
?éy
yes
'Yep.'

[^12]

KBG: he?éy néx"m
he?éy néx ${ }^{\text {w }}$-m
yes intense-CTR.MID
'Yes.'
CMA: ?o cut lnsqácze?
Po cut $\mathrm{l}=\mathrm{n}$-s-qácze?

| te ?o | Pe | met | nes |
| :--- | :--- | :--- | :--- |
| $\mathrm{t}=\mathrm{e}=$ Po | Pe | met | nes |
| OBL=DET=DISC | INT | CNSQ | INCIP |

DISC say D/C=1POSS-NMLZ-father OBL=DET=DISC INT CNSQ INCIP kwém $\quad$ Pe met nes Clíyxeyx w $k^{w} n$ né-m $\quad$ Pe meł nes ¢l-íyx-eyx ${ }^{w}$ grasp-CTR.MID DET CNSQ INCIP run.fast-AUT-people
'My father said he took some eggs and he ran!'
KBG: náq̉"m
náqu"-m
steal-CTR.MID
'He stole them.'
(114) CMA: ?éy

Péy
yes
'Yep.'
(115) KBG: Péy xére náqưms e sxiq xé? Pú

Péy xére náq́qw-m[in]-t- $\varnothing$-s e=s-x̣iq xé? pú
yes DEM steal-RLT-TR-3OBJ-3ERG DET=NMLZ-duck DEM EXCM
'He used to steal the eggs.'
(116) CMA: Péy
?éy
yes
'Yep.'
(117) KBG: Péy
?éy
yes
'Yep.'
(118)

| KBG: | Pe | met | $n e ?$ | wi? | púystem | e sxiq |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Pe | meł | ne? | wi? | púys-t- $\varnothing$-em | e=s-xiq |  |
|  | INT CNSQ DEM EMPH | kill-TR-3OBJ-1PL.ERG | DET=NMLZ-duck |  |  |  |
|  | 'We killed the ducks.' |  |  |  |  |  |


| CMA: | senk | $w i ?$ | xépe | témn' | téywey |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | senk | wi? | xé?e | témñ | téywey |
|  | mean.tempered ${ }^{18}$ | EMPH | DEM | then | EXCM ${ }^{19}$ |
|  | nem e sxíqs |  |  |  |  |
|  | nem e=s-xíc |  |  |  |  |
|  | very DET=N | MLZ-du | -3POSS |  |  |
|  | They're very mea | ( wh | st | heir |  |

KBG: Péy
?éy
yes
'Yep.'
CMA: Péy
?éy
yes
'Yep.'
(122) CMA: २et Rexnke cuntíyxs e scmeýts...

Peł Pex=nke cun-t-íyxs e=s-cm-eỷt-s
and be=INFER say-TR-3PL DET=NMLZ-small-agent-3pOSS
$x^{n} u y k^{w} \quad$ xeym Pel Píy tere eke? s...
$x^{w} u y=k^{w} \quad x e y m \quad$ Peł Píy le?e $e=k e ?=s$
FUT $=2$ SG indeed and good DEM DET $=\mathrm{Q}=$ NMLZ
'The mother duck must be telling her ducklings [this] is what they have to do.'
(123) CMA: Oh no.
(124) CMA: Swim.
(125) KBG: séx ${ }^{w m}$
séx ${ }^{\text {w }}$-m
bathe-CTR.MID
'Swim.'
(126) CMA: Péy ke? e séxwm... ne qwo?

Péy ke? $\mathrm{e}=\mathrm{sé}^{\mathrm{x}}{ }^{\mathrm{w}}-\mathrm{m} \quad \mathrm{n}=\mathrm{e}=\mathrm{q}^{\mathrm{w}} \mathrm{O}$ ?
yes DEM DET=bathe-CTR.MID in=DET=water
'Swim in the water.'

[^13](127) CMA: nem yُe xép takspîptm xépe e sxaqxiq...
nem ẏe xé? $t ə=k=s-$ Pí~?tm $\quad$ x́e?e e=s-x̣әq~xiq
very good DEM OBL=DET=NMLZ-PL~parent DEM DET=NMLZ-PL-duck
Pes $k^{w}$ enstíyxs
Pes=k ${ }^{\mathrm{w}}$ en-s-t-íyxs
STAT=look-CAUS-TR-3PL
'The parents of the ducklings look after their ducklings really good.'
(128) KBG: Péy

Péy
yes
'Yep.'
(129) CMA: scmeýtı́yxs
s-cm-eyt-1́yxs
NMLZ-small-agent-3PL.POSS
'Their kids.'
(130) CMA and KBG overlap here, so it's difficult to make out what they're saying.
(131) CMA: I diminuized the $\vec{k}^{w} m i ́ ? m e ? ~\left[\hat{k}^{\mathrm{w}} \mathrm{m} \sim \hat{i}\right.$ ?me?; small~prp]. I said tumí?me?.
(132) CMA: I haven't used that word in, oh my gosh, a long time. tumí?me?.
(133) KBG: tote? $k$ kscuk ${ }^{w} s$ nmímt xépe...
tote? k k=s=cuk ${ }^{\mathrm{w}}$-s nmím1 xépe
NEG UNR D/C=NMLZ=finish-3POSS 1PL.EMPH DEM
Pes naq̉"ntm
Pes=naq́ ${ }^{\text {w }}-\mathrm{n}-\mathrm{t}-$ $\varnothing$-m
STAT=steal-DIR-TR-3OBJ-INDF.ERG
'We're not the only ones that steal the eggs.'
(134) CMA: Mhm.
(135)

| KBG: | Ре२úse? | će | $\grave{\lambda} u$ ? | xére | snk̇yep |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Pe~?-úse? | ce | $\chi_{\chi}$ ? | xé?e | s-nkẏep |
|  | AFF~NEUT-small.round.object 'The coyote does too.' | EMPH.INT | also | DEM | NMLZ-coyote |

(136) CMA: Péy

Péy
yes
'Yep.'
(137)

CMA: ?et e sq́awm
?eł e=s-q̉awm
and DET=NMLZ-wolf
'And the wolf.'
(138) KBG: Péy tékm xépe
?éy tékm xé?e
yes all DEM
'All the animals.'
(139) CMA: ?et e s?ére?

Rel e=s-PéPe?
and DET=NMLZ-crow
'And the crow.'
(140) KBG: Péy

Péy
yes
'Yep.'

'The crow messes up the duck's nest.'
(142) KBG: Péy

Péy
yes
'Yep.'
(143) CMA: Oh, poor little things.
(144) KBG: Pet e heléw

Reł e=heléw
and DET=eagle
'And the eagle.'
(145) KBG: Péy
?éy
yes
'Yep.'

```
(146) CMA: Pet eheléw' Péy
    Peł e=heléw Péy
    and DET=eagle yes
    'And the eagle, yes.'
```

(147) KBG: ?éy
Péy
yes
'Yep.'

CMA: kwném ta $x^{w}$ é?... Pet $k^{w n} n e ́ m ~ t o ~ x^{w} e ́ ? ~$
$k^{w n e ́}-m \quad t=\partial=x^{w e ́}$ ? Pel $\quad k^{w} n e ́-m \quad t=\partial=x^{w}$ é?
grasp-CTR.MID OBL=DET=DEM and grasp-CTR.MID OBL=DET=DEM
tcmípme? tak ci téte
$\mathrm{t}=\mathrm{cm} \sim 1$ ípme? to $=\mathrm{k} \quad$ ci té?e
OBL=small~PRP OBL=DET EMPH DEM
'They even take the little ducklings.'
(149) KBG: Péy néx"m

Péy néx ${ }^{w}-m$
yes intense-CTR.MID
'That's right.'
(150) CMA: Péy

Péy
yes
'Yep.'
(151) CMA: $q^{w}$ zn $q^{w e ́ n t ~}$
$q^{\text {w }}$ คn $\sim q^{\text {wén }}$-t
AUG~poor-IM
'Poor little thing.'
(152) KBG: 悻u? nem ỷe tak sta?xáns

え̀u? nem ẏe to=k=s-łaPx -áns
also very good OBL=DET=NMLZ-eat-tooth
'They are good to eat.'
(153) CMA: Mmm.

### 4.3 Conversation 3



Figure 3: Another family of geese swimming, this time with older offspring. ${ }^{20}$

'They seem to be a little bit bigger-'
CMA: he?éy
he?éy
yes
'Yes.'
CMA: tate? ksx"uýcxwíýce he?éy nast
tate? $\mathrm{k}=\mathrm{s}-\mathrm{x}^{\mathrm{w}} \mathrm{uyc} \mathrm{c}-\mathrm{x}^{\mathrm{w} u ́ y c e}$ he?éy nəst
NEG DET=NMLZ-AUG-more yes TAG
'There seems to be less of them.'
CMA: séy keités mús çet ciks 号u?
séy kerlés mús c̊=eł cí-ks 文u?
two three four EMPH=and open-hand also
'Two, three, four, five.'
(158) KBG: Péy
?éy
yes
'Yep.'
(159) CMA: Péy

Péy
yes
'Yep.'
(160) CMA: k̇émet k̉wni cmî̀me?̉tus Pescíy sté? xwúýce?
kémeł $\hat{k}^{w} m-\mathrm{i} \quad \mathrm{cm} \sim$ ípme2-t=us $\quad$ Pes=cíy $\quad \mathrm{s}$-té? xwúỷce?
CONTR small-? ${ }^{21}$ small~PRP-IM=CNJ STAT=be.like NMLZ-what more 'When they were younger, there was more of them.'

[^14]| CMA: | nem nke | tumíxwatem | e sté |
| :--- | :--- | :--- | :--- |
| nem=nke | tumíxwə-t-em | $\mathrm{e}=\mathrm{s}$-té? | té? |
|  | té?e |  |  |
|  | very=INFER | kill.one.by.one ${ }^{22}$-TR-INDF.ERG | DET=NMLZ-what |
|  | DEM |  |  |

KBG: | Péy |  |
| ---: | :--- |
|  | Péy |
|  | yes |
|  | 'Yep.' |

CMA: Péy
Péy
yes
'Yep.'
(164)

CMA: $q^{w}$ วnqwanem $s$ aw
$q^{\mathrm{w}} \partial \mathrm{n} \sim q^{\mathrm{w}} \partial \mathrm{n}-[\mathrm{t}-\varnothing]$-em s aw
PL~pity-[TR-3OBJ]-1PL.ERG ? aw
'I feel sorry for them.'
(165)

KBG: téyt nke wi?
téy-t=nke wi?
hunger-IM=INFER EMPH
'They must've been hungry.'
(166) CMA: xeym
xeym
indeed
'There's a balance.'
(167)

| KBG: | çe nke | $\lambda_{\text {效 }}$ | he snk̇gep | $o$ | heléw |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | çe=nke | $\grave{\lambda}_{\text {¢р }}$ | he=s-nkj̇ep | or | heléw |
|  | EMPH=INFER | 'EMPH=INFER MOD DET=NMLZ-coyote or eagle |  | or | eagle |
|  | 'It's probably | e coy | or the eagle |  |  |

(168) CMA: Pet र्̉̂up wére... qwilxqn

Peł $\dot{\lambda} u$ ? wé?e $q^{\text {wíl }} \mathbf{x q n}{ }^{23}$
and also DEM wolverine
'And the same with the wolverine.'

[^15]CMA: $q^{\text {wi }}{ }^{\text {l }} x q n$
$q^{\text {wíl }} \mathrm{xqn}$
wolverine
‘The wolverine.'
KBG: Péy
Péy
yes
'Yep.'
CMA: $२ e \quad x^{n} u y$ ý témń
teme súmes tekm

Pe $x^{w}$ uỳ témn $\mathrm{t}=\mathrm{e}=\mathrm{me}$ súme-[n-t]- $\varnothing$-s tekm
INT FUT then OBL=DET=?, sniff-[DIR-TR]-3OBJ-3ERG all
sté? ci te snkǰep e met nes
s-té? ci $\quad \mathrm{t}=\mathrm{e}=\mathrm{s}$-nkỷep $\quad \mathrm{e}=\mathrm{met}$ nes

NMLZ-what EMPH OBL=DET=NMLZ-coyote D/C=CNSQ INCIP
nescút ćíy $x^{w i t l}$ la sq́ós eqwó?
nes-[t-s]út ćíy $\quad x^{\text {with }}$ lo sqóos $\quad \mathrm{e}=\mathrm{q}^{\text {wóp }}$
go-TR-REFL be.like ? ?-3POSS ${ }^{24}$ DET=water
'They smell everything just like the coyote. They go beside the water, on the other side of the water.'
(174)

| CMA: | Pes púnms | Pupi | né? | te k'nmírme? |
| :---: | :---: | :---: | :---: | :---: |
|  | Pes=pún-m[in]-[t]- $\emptyset$-s | Pupi | né? | $\mathrm{l}=\mathrm{k}^{\mathrm{w}} \mathrm{m} \sim \mathrm{i}^{\text {in me? }}$ |
|  | STAT=find-RLT-TR-3OBJ-3ERG | eat | DEM | DET=small $\sim$ PRP |
|  | cmípmert... e met | nes |  |  |
|  | cm~í?me?-t e=meł | nes |  | -áns |
|  | small PRP-IM D/C=CNSQ | INCIP |  | -eat-tooth |

'And they find some. They find the little ones, and they eat them up.'
KBG: Péy
?éy
yes
'Yep.'
(175)


[^16]


CMA: Péy
Péy
yes
'Yep.'
(179)
CMA: sté?usnke
xwúýce?
s-té? $=\mathrm{us}=\mathrm{nke}$ xwúỷce?
NMLZ-what=CNJ=INFER more
'What else are we gonna talk about?'

### 4.4 Conversation 4



Figure 4: A smiling cat holds a fish while a birthday cat glowers in the background, set in an outdoor scene including the Fraser River. ${ }^{26}$
(180)


[^17]| KBG: | Pex ne? | tPe nke | he weasel |
| :--- | :--- | :--- | :--- |
|  | Pex=ne? | tPe $=$ nke | he=weasel |
|  | STAT=DEM DEM=INFER | DET=weasel |  |
|  | 'It seems to be a weasel.' ${ }^{27}$ |  |  |


| KBG: | stép... | sté? | wi? | 亿̇am | he weasel |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | s-té? | s-té? |  | д̀ว¢ | he=weasel |
|  | NMLZ-what | NMLZ-what | indeed | PERF | DET=weasel |
|  |  |  |  |  |  |

(183) CMA: Oh, because she's white?
(184) CMA: spiq... Pes spíq
spíq Pes=spíq
white STAT=white
'[S]he's white. ${ }^{28}$
(185) KBG: Oh yeah, mhm.

| KBG: | $\begin{align*} & \text { ce nke }  \tag{186}\\ & \text { ce }=\text { nke } \end{align*}$ | $\begin{aligned} & x e ? \\ & \text { xe? } \end{aligned}$ | néxtm... <br> né-x-t- $\varnothing$-em | $\begin{aligned} & \text { e pús } \\ & \text { e=pús } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  | EMPH=INFER | DEM | give-IND-TR-3OBJ-INDF.ERG | DET=cat |
|  | e... | wéwt |  |  |
|  | e e= | wéwı |  |  |
|  | DET DET | T=fish |  |  |

'She must have gave the cat the fish.'
(187) CMA: Péy

Péy
yes
'Yep.'
(188) KBG: çe nke swéw̉t Pe mat népews $k^{w} u k^{w s} s c u t c$
çe=nke swéw $1 \quad$ ee=məł né?e=ws $\quad \mathrm{k}^{\mathrm{w}} \mathrm{uk}^{\mathrm{w}}$-s-cút-s

EMPH=INFER fish INT=CNSQ DEM=CNJ be.saved-CAUS-REFL-3POSS
e pús
e=pús
DET=cat
'The cat is gonna enjoy the fish.'

[^18](189) [KBG and CMA laugh]
(190)

CMA: ýe wỉ he $s x^{w}{ }^{w} w k^{w} s$ - $k^{w}$ wénete te...
ỳ wip he=s-xwáwkw-s $k^{w}$ eñ-et-e $t=e$
good indeed DET=NMLZ-heart-3POSS look-TR-IMP OBL=DET e stwúsc e=stw-ús-s DET=[?]-face-3POSS
'[S]he is so happy - look at [her] face!'
(191) KBG: Péy, né?e

Péy néłe
yes DEM
'Yes, that.'
(192)

CMA: číy te Péx nke squî̉sm
ćíy $\quad \mathrm{t}=\mathrm{e}=$ Pex=nke $\quad \mathrm{s}-\mathrm{q}^{\mathrm{wí}} \mathrm{z}-\mathrm{s}-\mathrm{m}$
be.like OBL=DET=be=INFER NMLZ-smile-face-CTR.MID
'It looks like [s]he's smiling.'
(193) KBG: he?éy
he?éy
yes
'Yes.'
CMA: よ $x^{w} u^{\prime} y k n \quad$ ex wé? $k^{w} u k^{w} s c u ́ t$ $\delta$ $\mathrm{x}^{\mathrm{w}} u \bar{y}=\mathrm{kn} \quad$ Pex wé? $\mathrm{k}^{\mathrm{w}} \mathrm{uk}^{\mathrm{w}}$-s-t-sút FUT=1SG.SBJ be DEM be.saved-CAUS-TR-REFL 'I [the cat] am going to be very thankful. ${ }^{29}$
(195) KBG: Péy

Péy
yes
'Yep.'
(196) KBG: Pit $x^{n u} u$ ý nére e snmipes 呆u?

then FUT DEM DET=NMLZ=LOC=share-TR-3OBJ-3ERG until
'Then [s]he is going to share it out. ${ }^{30}$

[^19](197) CMA: he?éy
he?éy
yes
'Yes.'
(198) KBG: ?éy

Péy
yes
'Yep.'
(199) CMA: Pexnke epús Pesmiceq tóne sk'w ${ }^{\prime}$ ićs

Pex=nke e=pús Pes=míceq tóne $s-$ k $^{w u ́ c}$-s
be=INFER DET=cat STAT=sit there NMLZ-[crooked?]-3POSS
'The cat is sitting on the log.'
(200) KBG: ?éy

Péy
yes
'Yep.'
(201) KBG: k̉yminc
kẏ-mín-t- $\varnothing$-s
wait-RLT-TR-3OBJ-3ERG
'He's waiting for someone.'
CMA: Pes k’yminc e squiq"nt
Pes=kỷ-mín-t- $\varnothing$-s e=sq ${ }^{\text {wiq }}{ }^{\text {wnt }}$
STAT=wait-RLT-TR-3OBJ-3ERG DET=groundhog
'The groundhog is waiting for someone.'
(203) CMA: tate?, tate? kstpiq
tote? tate? k=s-tpíq
NEG NEG DET=NMLZ-weasel
'No, it's not a weasel.'
(204) KBG: Péy

Péy
yes
'Yep.'
(205) CMA: Péy

Péy
yes
'Yep.'

'Must've said we're going to be friends because I gave you a fish.'
KBG: he?éy
he?éy
yes
'Yes.'
(208) KBG. herey
he?éy
yes
'Yes.'

(210) KBG: Péy nexw ${ }^{w}$,

Péy nexw-m
yes intense-CTR.MID
'Yes, you're right.'
(211) KBG: čiynukw xépe te n?éye te tmix w ${ }^{w}$
čiy=nuk ${ }^{w} \quad$ xépe $t=e=n-$ Péye $\quad t=e=t m i x{ }^{w}$
be.like=SENSE DEM OBL=DET=LOC-here OBL=DET=land
'It feels like the land is close by.'

[^20](212) CMA: nast
nəst
TAG
'Isn't it?'
(213) KBG: néy wépe wa láqảmcin
n-Péy wére wə $=\mathrm{l}=\grave{\mathrm{d}}$ qəomcín
LOC-here DEM at=DET=Lytton
'[It's] in Lytton way.'
(214) CMA: Péy, Péy

Péy Péy
yes yes
'Yes, yes.'
(215) KBG: né?e
né?e
DEM
'There.'
(216) CMA: [inaudible] $k n \quad$ Pet 却u té?e
[inaudible]=kn $\quad$ eeł $\quad \lambda \mathrm{u}$ ? té e
[inaudible]=1SG.SBJ and until DEM
'And I'm going along (doing whatever - I don't know). ${ }^{33}$
(217) CMA: Pet us... s-tem̉n xép né? né? he s...

Pel=us s-tem=n xé? né? né? he=s
and=CNJ NMLZ-what=Q DEM DEM DEM DET=NMLZ
he ssaqs e... e q́wumqns e pús
he=s-saq-s e e=qंwum-qn-s e=pús DET=NMLZ-sitting-3POSS DET DET=head-top-3POSS DET=cat sté? wi? xé? s-té? wi? xé? NMLZ-what indeed DEM
'What is that sitting on top of the cat's head? What is that?'
(218) CMA: qemút n' xépe
qemut=n' xéPe
hat=Q DEM
'Is that a hat?'

[^21]KBG: e qemúts
$\mathrm{e}=\mathrm{qemut}-\mathrm{s}$
DET=hat-3POSS
'His hat.'
CMA: e qemúts
$\mathrm{e}=\mathrm{qemut}-\mathrm{s}$
DET=hat-3POSS
'His hat.'
(221) CMA: 추mime? né? te qemút
$\dot{k}^{\mathrm{w}}$ miPme? né? $\mathrm{t}=\mathrm{e}=$ qemút
little DEM OBL=DET=hat
'A little hat.'
(222) KBG: ý $e k^{n} u$ né? e $k^{v i s i t u s ~}$
$\dot{y}=\mathrm{ek}^{\mathrm{w}} \mathrm{u} \quad$ né? $\quad \mathrm{e}=\mathrm{k}^{\mathrm{w} i ́}$ - $\mathrm{it}=\mathrm{us}$
good=REP DEM DET=fall-baby=CNJ
'[It's] referring to happy birthday.'
(223) KBG: Pe met xére sxwuýs Piर̃̉m

INT=CNSQ DEM NMLZ=FUT-3POSS sing-CTR.MID
'And then she starts to sing.'
 'It was a good day that you were born.'
 nem ye sí̃-q̆t $\quad \mathrm{e}=\mathrm{k}^{\mathrm{w}} \mathrm{i}_{\mathrm{i}}-\mathrm{it}=\mathrm{ux}{ }^{\mathrm{w}}$ very good day-sky DET=fall-baby=2SG.CNJ 'It was a very good day that you were born.'
(226) CMA: Péy

جéy
yes
'Yep.'
(227) KBG: Péy

Péy
yes
'Yep.'

CMA: nast
nəst
TAG
'Right?'
(229) KBG: he?éy
he?éy
yes
'Yes.'
(230) CMA: ₹ ỷe Peyt nsxª́w

| ye | Peył | $\mathrm{n}-\mathrm{s}$-xwáwk |
| :--- | :--- | :--- |
| good | now | 1SG.POSS-NMLZ-heart |

te snkwisit-cn ${ }^{34} \quad \delta$ $\mathrm{t}=\mathrm{e}=\mathrm{s}=\mathrm{n}=\mathrm{k}^{\mathrm{w}}$ is-it-t-si-en OBL=DET=NMLZ=LOC=fall-baby-TR-2SG.OBJ-[PASSIVE?]
'My heart feels good that you were born.'
(231) CMA: That's cute!
(232) KBG: he?éy
he?éy
yes
'Yes.'

| CMA: | tu | ýe | $x e ?$ |
| :--- | :--- | :--- | :--- |
|  | tu | ỳ | xe? |
|  | still | good | DEM |
|  |  | 'That's good.' |  |



[^22](235) KBG: Péy

جéy
yes
'Yep.'
(236) KBG: Pet Piर̛̉m Pet sĩ̛éy

and sing-CTR.MID and NMLZ-women's.dance
'And they sang and they danced.'
(237) CMA: Péy

Péy
yes
'Yep.'
(238) CMA: Péy

Péy
yes
'Yep.'
(239) KBG: nére
né?e
DEM
'There.'
(240) KBG: quy?cút-
quyp-t-sút
laugh-TR-OOC
'He laughed -'
(241) CMA: [inaudible] q̣uy?cút $P e$ mat nes yés
[inaudible] quy?-t-sút Pe mət nes ẏé-s
[inaudible] laugh-TR-OOC INT CNSQ INCIP good-3POSS e sxwéwkwiyxs
$\mathrm{e}=\mathrm{s}-\mathrm{x}^{\mathrm{w}} \mathrm{e}^{\mathrm{w}} \mathrm{wk}^{\mathrm{w}}$-iyxs
DET=NMLZ-heart-3PL
'They laughed and they will feel better.'
(242) KBG: Péy

Péy
yes
'Yep.'
(243)

KBG: Pet wére watqwo? e met ne? wi? syés
?eł wé?e $w \partial=1=q^{w} o ? ~ e ~ m e ł ~ n e ? ~ w i ? ~ s=y ̉ e ́-s ~$ and DEM at=D/C=water INT CNSQ DEM indeed NMLZ=good-3POSS $s \varsigma^{w}$ oýts $\quad$ Péye $t q^{w} o$ ? ws $\mathrm{s}=\mathrm{Y}^{\mathrm{w}}$ oyt-[t]- $\varnothing$-s $\quad$ Peye $1=\mathrm{q}^{\mathrm{w}} \mathrm{O}$ ?=ws
STAT=sleep-TR-3OBJ-3ERG here DET=water=CNJ
'And over there by the water they're gonna sleep really good.'

KBG: he?éy
he?éy
yes
'Yes.'

CMA: té? xeymximus e séytknmx téte? sté?
té? xeymxím=us e=séytkn-mx téte? s-té?
what [people.did]=CNJ DET=people-person NEG NMLZ-what $k$ Pextépe cuk ${ }^{w} \dot{\lambda} u ?$ ne? xe? $q^{w} o$ ? eqernímetiyxs $\mathrm{k}=$ ?ex=té?e cuk ${ }^{\mathrm{w}}$ र्גu? ne? xe? qwo? e=qe?ním-et- $\varnothing$-iyxs D/C=be=NEG finish until DEM DEM water D/C=hear-TR-3OBJ-3PL
'That's what our people used to do: sleep by the water and there was nothing around. ${ }^{35}$
(247) KBG: Péy

Péy
yes
'Yep.'
(248) KBG: Péy

Péy
yes
'Yep.'

[^23]```
CMA: peýus snére e sqe?nimetiyxs
    pey=us s-néłe e=s=qe?ním-et- \(\varnothing\)-iyxs
    one=CNJ NMLZ-DEM DET=NMLZ=hear-TR-3OBJ-3PL
        e... e snk̉̉̉ép
        e e=snkýép
        DET DET=coyote
'Once in a while they would hear a coyote.'
```

(250) CMA: Paw! Paw! Paw! Pawww!
(imitating a coyote howling)
(251) KBG: Péy

Péy
yes
'Yep.'
(252) KBG: Pe mat né?e s?exs nox̣noxw e stpiq

Pe moł nére s=Rex-s nox̣ ${ }^{\text {w }} \sim$ nox̣ ${ }^{w}$ e=s-tpíq
INT CNSQ DEM NMLZ=PROG-3POSS PL~run DET=NMLZ-weasel Pexus te $k^{\text {vun }}$ wa tné stustks
Pex=us $\quad \mathrm{t}=\mathrm{e}=\mathrm{k}^{\mathrm{w}} \mathrm{un} \quad$ wə=$=\mathrm{l}=\mathrm{né} \quad \mathrm{~s}$-tustk-s PROG=CNJ OBL=DET=protrude to=D/C=DEM NMLZ-wire.trap-3POSS
'The little white weasel is running along until she got to the wire trap.'

KBG: $k^{n} u k^{w}$ scút ne? Peyt... tekm e spzspzú?
$\mathrm{k}^{\mathrm{w}} \mathrm{uk}^{\mathrm{w}}$-s-cút ne? Peyl tekm e=spz~spzú?
be.saved-CAUS-REFL DEM now all DET=PL~animal
'All the animals are treating themselves very well.'
(254) CMA: nast??
nəst
TAG
'Aren't they?'
(255)

KBG: ćinukw e cukw Peyt
$\begin{array}{lll}\text { cíi=nuk } & \text { e=cuk } \\ \\ & \text { Peył }\end{array}$
EMPH=SENSE DET=finish now
'It's finished.'

## 5 Conclusion

In this paper, we have presented four glossed and annotated conversations in Nłe?kepmxcín. With this, we begin to fill a gap that exists in the availability of glossed texts in the language, as well as providing both Nłe?kepmxcín learners and scholars of linguistics with spontaneous, naturalisitc speech data. Elicitation sessions targeting spontaneous, naturalistic speech are essential in language documentation, as they reveal features of the language that are often not evident in elicitations
targeting only specific linguistic phenomena. We have discussed a small selection of the linguistic features our conversations uncovered; there are certainly many more to be found and commented on.

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[^0]:    ${ }^{1}$ Photo URL: https://www.alamy.com/stock-photo-europe-ireland-kerry-dingle-an-irish-music-session-in-a-local-pub-11812014.html
    ${ }^{2}$ Photo by pixabay user Ronile: https://pixabay.com/photos/canada-goose-chick-branta-canadensis-273732/

[^1]:    ${ }^{3}$ Photo by pixabay user Kapa65: https://pixabay.com/photos/geese-canada-geese-family-2346322/
    ${ }^{4}$ Author Reed Steiner's own work, assembled from miscellaneous images.

[^2]:    ${ }^{5}$ Such glosses are as follows: AFF $=$ affective, ANT $=$ anticipatory, $\mathrm{ASP}=$ aspectual, $\mathrm{AUG}=$ augmentative, AUT $=$ autonomous, $\mathrm{CTR} . \mathrm{MID}=$ control middle, $\mathrm{CNJ}=$ conjunctive, $\mathrm{CNSQ}=$ consequential, $\mathrm{CONTR}=$ contrastive, $\mathrm{D} / \mathrm{C}=$ determiner/complementizer, $\mathrm{DIR}=$ directive, DISC $=$ discourse marker, $\mathrm{DRV}=$ directive, $\mathrm{EMPH} . \mathrm{INT}=$ emphatic introductory predicate, EXCM = exclamative, $\operatorname{INCIP}=$ incipient, $\operatorname{IM}=$ immediate, $\operatorname{INH}=$ inherent, $\operatorname{INT}$ $=$ introductory predicate, LCTL $=$ limited control transitivizer, $\mathrm{MOD}=$ modal, $\mathrm{NCTL}=$ non-control predicate, NEUT $=$ "semantically neutral stem to which certain lexical suffixes are added" (Thompson \& Thompson 1996:1), OOC = out of control, $\mathrm{PRP}=$ proportional, $\mathrm{PRSM}=$ presumptive, $\mathrm{REP}=$ reportative, RLT $=$ relational, SENSE $=$ sensory evidential, $\mathrm{TAG}=$ tag question, $\mathrm{UNR}=$ unrealized.

[^3]:    ${ }^{6} \mathrm{~N}$ e?kepmxcín evidentials are discussed further in Hannon and Smith (2023).

[^4]:    ${ }^{7}$ This word may be xiy 'behave (a particular way)' (with the MDL suffix -m).

[^5]:    ${ }^{8}$ Translation not volunteered by consultant but form recognized by authors from previous elicitations.

[^6]:    ${ }^{9}$ This morpheme, $\grave{\text { Áu }}$ ', can have a range of meanings from 'only', to 'until', to 'just', and curiously, can also mean 'also'. It is unclear whether the $\dot{\lambda} u$ ? meaning 'only' and the $\dot{\lambda} u$ ? meaning 'also' are two distinct
     according to the meaning it has in that particular sentence; therefore, there are varying glosses of 'only', 'until', 'just', and 'also'.

[^7]:    ${ }^{10}$ Translation not volunteered by consultant but form recognized by authors from previous elicitations.
    ${ }^{11}$ Music notes indicate that this was sung by the consultant.

[^8]:    ${ }^{12}$ This verb, Rex, is glossed as either 'be' or progressive depending on the context in which it appears.

[^9]:    ${ }^{13}$ This word does not appear in the dictionary (Thompson \& Thompson 1996); this translation was given by the consultant.

[^10]:    ${ }^{14}$ Speech from lines (68) to (73) is overlapping and difficult to decipher due to this. What is presented here is what could be deciphered (both by the authors and the consultants).

[^11]:    ${ }^{15}$ Photo by pixabay user Ronile: https://pixabay.com/photos/canada-goose-chick-branta-canadensis-273732/

[^12]:    ${ }^{16}$ The consultant said in her translation that this is a way to agree after hearing some new information, similar to something like "Oh, really?" or "Oh, I see."

[^13]:    ${ }^{18}$ This word was not found in the dictionary (Thompson \& Thompson 1996); the meaning given was provided by the consultant.
    ${ }^{19}$ Same as above.

[^14]:    ${ }^{20}$ Photo by pixabay user Kapa65: https://pixabay.com/photos/geese-canada-geese-family-2346322/
    ${ }^{21}$ This may be the start of the same form as the next word.

[^15]:    ${ }^{22}$ This word was not found in the dictionary (Thompson \& Thompson, 1996); the meaning given was provided by the consultant.
    ${ }^{23}$ This word may contain the lexical suffix $-q(i) n$ 'head' (Thompson \& Thompson 1996:295).

[^16]:    ${ }^{24}$ The consultant said that $x^{\text {witla }}$ sq́ós refers to 'the other side'.

[^17]:    ${ }^{25}$ This could be another form of téywey, 'exclamatory'.
    ${ }^{26}$ Author Reed Steiner's own work, assembled from miscellaneous images.

[^18]:    ${ }^{27}$ Throughout both the conversation and subsequent elicitations, the animal in the foreground of the image has been lovingly identified as several different animals, including a cat, a weasel, a groundhog, and an owl (both in English and Nłe?kepmxcín). The animal in the background is always identified as a cat.
    ${ }^{28}$ Because Nłe?kepmxcín pronouns do not encode gender, consultants used "he" and "she" interchangeably in their translations to refer to the foreground cat/weasel/groundhog/owl (the background cat is always assumed male). To make the narration easier to follow, I assume the foreground cat/weasel/groundhog/owl uses she/her pronouns and updated the translations accordingly.

[^19]:    ${ }^{29}$ The consultant is singing on behalf of the cat.
    ${ }^{30}$ Consultant KBG offered many translations, all of which used 'share it out', presumably due to the $\dot{\sim} u$ ? at the end. How that meaning is accessed from this preposition is unclear.

[^20]:    ${ }^{31}$ This indicates that sentence (207) interrupted at approximately sentence (206) at about this point.
    ${ }^{32}$ CMA clarifies that although the grumpy cat wants the fish, it would not be appropriate for him to ask for it directly.

[^21]:    ${ }^{33}$ CMA was not able to provide a full translation for this sentence, since the first part is inaudible.

[^22]:    ${ }^{34}$ The stem ends in a very audible $c n$. We originally interpreted this as a first-person ergative/second-personsingular object ending (as if a mother is singing "my heart feels good that I birthed you") but this is likely not accurate, since the translation is very clearly patient-oriented. We suspect the -en might be a homophonous morpheme that passivizes the construction, although testing is necessary.

[^23]:    ${ }^{35}$ Although the volunteered translation includes 'sleep', we do not see the root for 'sleep' in the sentence. Similarly, we do not see the root for 'hear' reflected in the translation. We suspect the translation is more idiomatic.

