Glossed Conversational Data in Nłe?kepmxcín*

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Abstract: Nle?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

Nle?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 Nle?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 Nle?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?kepmxcin. 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

 $^{^1}$ 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/



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)).

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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.

(90) CMA: 2úkwuntes e sxəqxiq
2úkwu-n-t-Ø-es e=s-xəq~xiq
deliver-DRV-TR-3OBJ-3ERG DET=NMLZ-PL~duck
e scmeyts wə qwo?
e=s-cm-eyt-s wə=qwo?
DET=NMLZ-small-agent-3POSS to=water
'They brought their children to the water.'

The Nle?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 <c> for IPA [tʃ], <s> for [ʃ], <c> for [ts], <s> for [s], <x> for <x>, and <x̄ for [tt²] (aspiration is 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 Nte?kepmxcín-English dictionary (Thompson & Thompson 1996).

There are a number of phonological processes at work in Nle?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 Nle?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 (\$\mathcal{I}\$) 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 mel 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,

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

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 20 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 nke and nukw, as utterances indicating speaker certainty. 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, ek^wu (sometimes realized as wk^wu or k^wu). 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.

⁶ Nłe?kepmxcín evidentials are discussed further in Hannon and Smith (2023).

3.3 Determiners and demonstratives

For the sake of glossing, we follow Kroeber (1997) in treating (h)e=, $\ell(a)=$, and k= as base determiners, and in segmenting $t=e=\langle te \rangle$, $[t]=\ell=\langle \ell \rangle$, and $t=k=\langle tak \rangle$ 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 he, e, e, h, e, e, and e. 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 $xeym^7$ 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 -xi and a conjunctive =us) 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 $\dot{q}axn\acute{e}m$ 'holler' (61), k^wyxus '?' (110), senk 'mean-tempered' (119), \dot{k}^wmi 'small' (160), $st^wu\acute{s}c$ 'face' (190), $s\dot{k}^wu\acute{c}s$ '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.

⁷ This word may be *xiy* 'behave (a particular way)' (with the MDL suffix -m).



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

(1) KBG: $x^{w}\acute{u}\acute{y}'nke$ $2i\mathring{\lambda}2i\mathring{\lambda}tis$ $x^{w}\acute{u}y=nke$ $2i\mathring{\lambda}\sim 2i\mathring{\lambda}-t-i-s$ FUT=INFER PL \sim sing-TR-1PL.OBJ-3ERG 'They're going to sing to us.'

(2) KBG: $x^w u \dot{y}$ $n \dot{e} ?$?i $s \dot{e} \dot{y} s i ?$ $x^w \dot{u} \dot{y}$ $n \dot{e} ?$?i $s \dot{e} \dot{y} s i ?$ FUT DEM still play 'They're going to play.'

(3) KBG: séysi? séysi? play 'They're playing.'

(4) CMA: ?éy ?éy yes 'Yep.'

(5) KBG: ké? us nke ké?=us=nke Q=CNJ=INFER 'Maybe.'8

⁸ Translation not volunteered by consultant but form recognized by authors from previous elicitations.

- (6) KBG: té?e né? fiddle peł łe 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.'
- (7) CMA: te? nsxəksténe xé?e guitar te? n=s=xəks-t-Ø-éne xé?e guitar NEG LOC=NMLZ=know-TR-3OBJ-1SG.ERG DEM guitar 'I don't know the word for guitar.'
- (8) KBG: 2éy 2éy yes 'Yep.'
- (9) KBG: $\lambda u \hat{j}^{9} x^{w} u \hat{j}^{y} x \hat{e}^{2} \hat{j} \hat{\lambda} \hat{j} \hat{\lambda} m$ $\lambda u \hat{i}^{2} x^{w} u \hat{j}^{2} x \hat{e}^{2} \hat{i} \hat{\lambda} \sim \hat{i} \hat{\lambda} \sim \hat{i} \hat{\lambda} - \hat{i} \hat{\lambda$
- (10) KBG: ?éy ?éy yes 'Yep.'
- ?iጰm (11)CMA: $x^w \acute{u} \acute{v} nuk^w ...$ x^{w} ú \dot{y} nu k^{w} *Pet* séysi? ?iλ́-m xwúy=nukw xwúy=nukw ?eł sévsi? FUT=SENSE FUT=SENSE sing-CTR.MID and play 'They are going to sing and play.' [indicating their instruments]
- CMA: $x^w \dot{u} \dot{v} n u k^w$ ∂iŹm (12)né? ₽eŧ sévsi? ?iλ̇-m xwúy=nukw né? ?eł séysi? DEM sing-CTR.MID FUT=SENSE play and 'They are going to sing and play.'
- (13) KBG: $2el \quad x^w \acute{u} \acute{y} nuk^w kt \quad t nmiml \quad 2i \acute{\lambda} m \quad 2e \acute{\lambda} \acute{u} ?$ $2el \quad x^w \acute{u} \acute{y} = nuk^w = kt \quad t = nmiml \quad 2i \acute{\lambda} m \quad 2e = \acute{\lambda} \acute{u} ?$ and $FUT = SENSE = 1PL.SBJ \quad OBL = 1PL.EMPH \quad sing CTR.MID \quad DET = also 'And we are going to have to sing too.'$

This morpheme, $\lambda u = 0$, can have a range of meanings from 'only', to 'until', to 'just', and curiously, can also mean 'also'. It is unclear whether the $\lambda u = 0$ meaning, 'only' and the $\lambda u = 0$ meaning 'also' are two distinct

morphemes. More research needs to be done into $\lambda u \partial$. For now, we have glossed each instance of $\lambda u \partial$ according to the meaning it has in that particular sentence; therefore, there are varying glosses of 'only', 'until', 'just', and 'also'.

- (14) KBG: *e ké? us nke*e=ké?=us=nke

 DET=Q=CNJ=INFER

 'Maybe.' ¹⁰
- (15) CMA: ské us nke nost ské=us=nke nost PRSM=CNJ=INFER TAG 'I suppose they will (won't they?).'
- KBG: 2el x^{w} ú \dot{y} nke né?e ?iźm né? (16)sté? $x^{w} \dot{u} \dot{v}$?eł xwúy=nke né?e ?iλ-m né? s-té? xwúý and FUT=INFER DEM sing-CTR.MID DEM NMLZ-what FUT he square dancing he=square dancing DET=square.dancing 'We're gonna have to sing while we're square dancing.'
- (17) KBG: $\int súwle ke tete? e?snúk^we?$ $\int^{11} súwle ke=te~té? e?-s-núk^we?$ spin.around DET=PL~DEM 2SG.POSS-NMLZ-friend 'Swing your partner round and round.'
- (18) KBG: $\int súwle ke tete? e?snúk^we? \int súwle ke=te~té? e?-s-núk^we? spin.around DET=PL~DEM 2SG.POSS-NMLZ-friend 'Swing your partner round and round.'$
- (19) KBG: sté? xwúýce? s-té? xwúýce? NMLZ-what more 'What else?'
- (20)KBG: ?ex wi? né? tie fiddle ?ex wi? né? ti e=fiddle DET=fiddle be EMPH DEM INT 'And there's a fiddle.'
- (21) CMA: Pet square dancing Pet square dancing and square dancing 'And square dancing.'

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.

(22)KBG: 2éy ?éy yes 'Yep.' CMA: $\partial ex x^w \acute{u} \acute{y}$?i̇χm e snúkwe? (23)né? t e dosie do e... ?iἶ-m ?éx=xwúy né? t=e=dosie do e e=s-núkwe? be=FUT DEM sing-CTR.MID OBL=DET=dosie.do DET DET=NMLZ-friend 'They are going to sing dosie do with their friend(s).'12 (24)KBG: ?éy ?éy yes 'Yep.' (25)CMA: Péy ?éy yes 'Yep.' KBG: *?ex* ek^wu Peł ł nskwóz (26)λəр né? cút nskíxze? May ?eł ł=n-skwóz ?éx λəp né? cú-t n-skíxze? ek^wu May and DET=1POSS-aunt May MOD DEM say-TR 1POSS-mother REP '[My mother said that] my Aunt May used to call at square dances.' (27)KBG: nem ekwu cunwéns xé?e nem=ekwu cu-nwén-s xé?e very=REP tell-NCTL-3POSS **DEM** 'She was really good at it.' e?snúkwe? (28)KBG: ♪ súwle ke tete? súwle e?-s-núkwe? súwle ke=te~té? súwle DET=PL~DEM 2SG.POSS-NMLZ-friend spin.around spin.around ke tete? e?snúkwe? ?eŧ e?-s-nukwe? k=te~te ?eł 2sg.poss-nmlz-friend D/C=PL~DEM and ł ncumqsete J l=n=cum-qs-e-t-Ø-e[s] D/C=LOC=bump-nose-DIR-TR-3OBJ-3ERG

¹² This verb, ∂ex , is glossed as either 'be' or progressive depending on the context in which it appears.

her a kiss.'

'Swing your partner round and round, swing your partner round and round and give

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(29)
       KBG: pút
              pút
              be.enough
              'Enough.'
(30)
       CMA: teł
                                    pút kn
                                                              Рех
                                                                   he...
                              te
                                                       se
              teł
                              te
                                    pút=kn
                                                       se
                                                              ?ex
                                                                   he
              extend.straight
                              NEG
                                    be enough=1SG.SBJ PRSM
                                                                   DET
                                     λ́əṁ
                  eh
                        sté?
                                            e dance
                  eh
                        s-té?
                                     χ́əṁ
                                            e=dance
                  eh
                        NMLZ-what
                                     PERF DET=dance
              'I haven't done enough dance.'
       KBG: 2éy
(31)
              ?éy
              yes
              'Yep.'
       CMA: Żéy
(32)
              λéy
              women's.dance
              'Women's dance.'
       KBG: skéy
(33)
              s-λéy
              NMLZ-women's.dance
              'Women's dance.'
       CMA: skéy.
(34)
              s-λéy
              NMLZ-women's.dance
              'Women's dance.'
       CMA: xu?
(35)
                    pút kn
                                               e kn
                                        cúw
                   pút=kn
                                        cúw
                                               e=kn
                                                            s-λéy
              only be.enough=1SG.SBJ
                                        do
                                               DET=1SG.SBJ NMLZ-women's.dance
                  ł kwmi?me? un
                  ł=kwm~í?me?=un
                  DET=small~PRP=1SG.CNJ
              'When I was little, I didn't do enough dancing.'
(36)
       KBG: 2éy
              ?éy
              yes
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'Yep.'

- (37) CMA: 2éy ?éy yes 'Yep.'
- (38) CMA: təte? sxəksténe xé?e təte? s-xək-s-t-Ø-éne xé?e NEG NMLZ-know-CAUS-TR-30BJ-1SG.ERG DEM 'I don't know that.'
- (39) KBG: $\lambda \hat{u} \hat{l} \times \hat{k} \hat{e} \hat{l} \hat{e}$ $\lambda \hat{u} \hat{l} \times \hat{e} \hat{l} \hat{e}$ only DEM
 'Just that one.'
- (40)KBG: 2éy χú? e cúwnwéńx^w $Pex k^w u$ $Pex k^w u$ $x^{w} \dot{u} \dot{y}$?éy λύ? ?ex=kwu ?ex=kwu xwúý e=cúw-nwén-xw be=REP D/C=do-NCTL-2SG.ERG yes only be=REP **FUT** sté? $x^{w} \dot{u} \dot{y}$ х́әт xé? e Irish jig x^wúy s-té? λəm xé? e=Irish jig NMLZ-what FUT PFV DEM DET=Irish jig 'But you know how to do the Irish jig.'
- (41) CMA: the Irish... cúwte 2éy the Irish cúw-t-e 2éy the Irish do-TR-1SG.ERG yes 'Yeah, the Irish jig.'
- (42) CMA: yeah e cíy téle kémelxémel xéle yeah e=cíy téle kémel~xémel xéle yeah D/C=like.that NEG CONTR~AUG DEM 'Yeah, like that, not like this.'
- (43) CMA: $\dot{c}\dot{e}$ $\dot{\lambda}ix^we\dot{\lambda}ix^wes$ $x\dot{e}\partial e$ $\dot{c}\dot{e}$ $\dot{\lambda}ix^we^-\dot{\lambda}ix^we^-s$ $x\dot{e}\partial e$ EMPH.INT different~PL-3POSS DEM 'They're different.'
- (44) KBG: 2éy ?éy yes 'Yep.'
- (45)CMA: Péy Pes xəksténe wé? Pes e... nem?éy ?es e... nem ?es-xək-s-t-Ø-éne wé? STAT-know-caus-tr-30bj-1sg.erg dem STAT eh... very 'But I know the motions of that [square dancing].'

- CMA: yémíns (46)xé? eh eh and eh... yémíns xé? yé-mín-s eh eh and eh... yé-mín-s eh eh and eh... good-RLT-3ERG good-RLT-3ERG DET e séytknmx ws *?ex* wé? e tém'n ?es... e=séytkn-mx=ws ?ex wé? e=tém'n ?es... DET=people-person=CNJ be DEM D/C=then STAT 'The people used to, they like(d) that kind of music.'
- (47) KBG: 2éy ?éy yes 'Yep.'
- (48) CMA: *?e séysi?s*?e=séysi?-s
 D/C=play-3POSS
 'They would play.'
- (49) KBG: ?éy ?éy yes 'Yep.'
- (50) CMA: si?séysi?s e meł n?éye ukt si?séysi?-s e meł n?éye u=kt several.play-3ERG INT CNSQ here to=1PL.SBJ 'They're playing their instruments.'
- (51) 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.'
- KBG: cé (52)ł wéw *?éye né?* pi?sté? ks wə us ł=wéw ?éye né? pi?sté? k=swэ us EMPH.INT D/C=call PREP here DEM when CNJ INT D/C=NMLZ $d x^{w} u \dot{y} k$ ćé sévsi?me x^{w} úy te mó q^{w} íyxs ł=xwúy=k ċé séysi?-me xwúy t=e=móqw-íyxs D/C=FUT=D/C EMPH.INT play-INDF.ERG FUT OBL=DET=gather-3PL t x^wúvkt ?eŧ sévsi? Эe t=xwúy=kt séysi? OBL=FUT=1PL.SBJ play

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

(53)CMA: *Péy* ?éy yes 'Yep.' (54)CMA: $e x^w \dot{u} \dot{y}$ tém'n k séws séytknmx ehxwúý xeym e=x^wúy tém'n k=séw-s séytkn-mx xwúý xeym té eh DET=FUT then D/C=ask-3ERG eh people-person FUT indeed DEM tém'n emeł snes wé?... mín pumínms... tém'n meł wé? mín pu-min-m-s s=nes then INT CNSQ NMLZ=INCIP DEM drum-RLT-INDF.ERG-3POSS **RLT** 'They asked the people, and they began to drum.' (55)CMA: té?ə té?ə NEG 'Nope.' (56)KBG: *7éy* ?éy yes 'Yep.' (57)CMA: ...te loud t=e=loud OBL=DET=loud 'It was loud.' (58)CMA: pumínms tkte... pu-mín-m-s t=kt=e... drum-RLT-INDF.ERG-3POSS OBL=DET OBL=DET INT k sqe?níms tékm e séytknmx né? meł tékm e=séytkn-mx k=s=qe?ním-s meł né? D/C=NMLZ=hear-3POSS all DET=people-person INT CNSQ DEM 'They were drumming so all the people can hear.' (59)CMA: $x^w \dot{u} \dot{y} t x^w \dot{u} \dot{y} t$ Źәm $citx^w$ sté? wé? ex $x^{w} \dot{u} \dot{y}$ xwúyt~xwúyt \(\lambda\) m s-té? wé? ?ex citxw xwúý PL~go.out PERF NMLZ-what DEM be house FUT ks ?es né?is Pes cút ćive meł nes k=s-?es-né?is ?es-cút ciye 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: Pes puminems tékm swét Pel Piλm
 Pes-pu-mín-em-s tékm s-wét Pel Piλm
 STAT-drum-RLT-INDF.ERG-3POSS all NMLZ-who and sing-CTR.MID
 'They all would drum and sing.'
- gaxném¹³ Pes ewkt (61) CMA: ?et oo tk qaxném ?eł *q*axném oo t=k=qaxném ?es-ew=kt holler and oh OBL=D/C=holler STAT-gather=1PL.SBJ te séytknmx t=e=séytkn-mx OBL=DET=people-person 'And some would be able to holler.'
- CMA: ?eł (62)met?es... nes ?eł e meł nes ?es... and INT CNSQ **INCIP** STAT 'And then they would...'
- (63)CMA: łépne λəm 7ех nwéntne dance χ́əṁ ?ex nwén-t-Ø-ene dance łép-ne forget-1SG.ERG PFV be NCTL-TR-3OBJ-1SG.ERG dance 'I forgot the word for dance.'
- (64) KBG: Square dancing?
- (65) CMA: ...skéy
 s-kéy
 NMLZ-women's.dance
 'The skéy.'
- (66) CMA: Hm?
- (67) KBG: square dancing us square dancing=us square dancing=CNJ 'Square dancing [suggestion].'
- (68) CMA: te... té?e te té?e NEG NEG 'No... no.'

¹³ This word does not appear in the dictionary (Thompson & Thompson 1996); this translation was given by the consultant.

- (69) CMA: *eh l ?ex us... eh l=?ex=us eh D/C=be=CNJ*'And then they would...'
- (70) KBG: $k\acute{e}$? us $st\acute{e}$? $k\acute{e}$?=us $s-t\acute{e}$? Q=CNJ NMLZ-what 'Which one?'
- (71) CMA: *né?* ?éy né? ?éy DEM yes 'That one.'
- (72) KBG: $\chi ix^w el$ χiy $n \acute{e} \gamma e$ $\chi ix^w el$ $\chi ix^w el$ χiy $\eta \acute{e} \gamma e$ different yes DEM 'That one's different.'¹⁴
- (73) KBG: $\lambda i x^w e l$ e w i ? $x \acute{e} ? e$ $s \dot{\lambda} \acute{e} y$ $\lambda i x^w e l$ e = w i ? $x \acute{e} ? e$ $s \dot{\lambda} \acute{e} y$ different D/C=EMPH DEM NMLZ-women's.dance 'The $s \dot{\lambda} \acute{e} y$ is different.'
- (74) CMA: he?éy skéy
 he?éy s-kéy
 yes NMLZ-women's.dance
 'Yes, the skéy.'
- k sźéy (75)CMA: e meł 2е Pes wə nes meł ?e k=s-λév ?es=wə nes D/C=NMLZ-women's.dance STAT=PREP INT CNSQ INCIP INT e smumúłec e=s-mu~múłec DET=NMLZ-PL~woman 'And the women would dance with each other.'
- (76) CMA: $\frac{\partial ex}{\partial x} = \frac{\partial \hat{\lambda}m}{\partial x}$ $\frac{\partial \hat{\lambda}m}{\partial x}$ be sing-CTR.MID 'They would sing.'

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).

- (77) KBG: 2éy ?éy yes 'Yep.'
- (78)t?é t?é tém'n CMA: ?el swéwtiyxs e séytknmx xeym ?eŧ xeym t?é t?é tém'n s=wéw-t-iyxs e=séytkn-mx and indeed DEM DEM then NMLZ=call-TR-3PL DET=people-person k^wntiyxs e né? s Pe sutn ehe=né? eh s ?e=sutn k^wn-t-iyxs get-TR-3PL D/C=DEM eh s DET=thing 'Long time ago, when the women used to gather and dance, they would call the people, and they grabbed something.'
- (79)CMA: e violin metnes qe?nímetiyxs e séytknmx e=violin meł qe?ním-e-t-iyxs e=séytkn-mx nes DET=violin INT hear-DIR-TR-3PL DET=people-person CNSO **INCIP** ?es... Pes néPís ćiy cúw ?eŧ *xəkstiyxs* ?es... ?es=ne?ís cúw ?eł ċiy xək-s-t-íyxs STAT=people.go do EMPH and know-CAUS-TR-3PL '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.'
- CMA: $x^w \dot{u} \dot{y}$ $n \dot{e} ? \dot{i} s$ ∂іҳ̂т (80)e sxwákws t sk^wís e=s=xwákw-s t=s-k^wís ?iλ-m xwúy né?is FUT people.go D/C=NMLZ=desire-3POSS OBL=NMLZ-fall sing-CTR.MID ?eŧ $x^{w} \dot{u} \dot{v}$ k qe?ním né? né? tk ?ìv.... *eh tk...* ?eł xwúý k=qe?ním né? né? t=k=?iyeh t=k DEM DEM OBL=D/C=good eh OBL=D/C and FUT D/C=hear ?eŧ łе ?eŧ $x^{w} \acute{u} \acute{v}$ tk si λm $t=k=s-i\lambda-m$?eł łe ?eł xwúý OBL=D/C=NMLZ-sing-CTR.MID and DEM and **FUT** *Péy* k sžév k=s=λéy ?éy D/C=NMLZ=women's.dance yes

'They would gather and people would sing and dance and people would feel good.'

- (81) KBG: 2éy 2éy yes 'Yep.'
- (82) CMA: ?iy e meł xé?
 ?iy e meł xé?
 good INT CNSQ DEM
 'It was good.'

(83)KBG: ?eł *ła?xstis* e sła?xáns па\$?ір ?eł nas?íp né? ła?x-s-t-i-s e=s-ła?x-áns and always DEM eat-CAUS-TR-1PL.OBJ-3ERG DET=NMLZ-eat-tooth k^wmí?me? te sła?xáns *Péy* t e... kwm~í?me? t=e t=e=s-ła?x-áns ?éy small~PRP OBL=DET OBL=DET=NMLZ-eat-tooth yes 'And they would always bring food with them, they would bring out a little bit of food each.'

(84) CMA: 2éy ?éy yes 'Yep.'

(85) KBG: 2éy ?éy yes 'Yep.'

4.2 Conversation 2



Figure 2: A family of geese setting off into the water. 15

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¹⁵ Photo by pixabay user Ronile: https://pixabay.com/photos/canada-goose-chick-branta-canadensis-273732/

(86)CMA: ?e sxíq ?e s-xíq DET NMLZ-duck 'Duck.' (87)KBG: sxəqxiq s-xəq~xíq NMLZ-PL~duck 'Ducks.' (88)CMA: ?éy ?éy yes 'Yep.' (89)CMA: sxəqxiq s-xəq~xíq NMLZ-PL~duck 'Ducks.' (90)CMA: Púkwuntiyxs e sxəqxiq ?úkwu-n-t-Ø-iyxs e=s-xəq~xíq deliver-DIR-TR-3OBJ-3PL DET=NMLZ-PL~duck e scmeyts wə q^wo? e=s-cm-eyt-s Sowp=ew Sow DET=NMLZ-small-agent-3POSS to=water 'They brought their children to the water.' (91) CMA: Did that sound right? (92)CMA: Púkwuntiyxs Pe scmeyts ?úkwu-n-t-Ø-iyxs ?e=s-cm-eyt-s deliver-DIR-TR-3OBJ-3PL DET=NMLZ-small-agent-3POSS Pe sxəqxiq ?e=s-xəq~xíq DET=NMLZ-PL~duck 'They brought their children.' (93)KBG: I would say... xé?e... cmí?me?... (94)KBG: nem nuk qíym ne? $nem = nuk^w$ qíy-m ne? xé?e cm~í?me? very=SENSE cook-CTR.MID DEM DEM small~PRP tə sxəqxiq t===s-xəq~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?
- (96) KBG: *lé?e* wíkne xé?e meł nes téyt le?e wík-Ø-ne xé?e meł nes téy-t DEM see-3OBJ-1SG.ERG DEM CNSQ INCIP hunger-IM 'I haven't seen that for a while and now I'm hungry.'
- (97) CMA: ?éy ?éy ?éy ?éy yes yes 'Yes, yes.'
- (98) KBG: ?ex x?e ?úpis n-sqácze?
 ?ex x?e ?úpi-Ø-s n-s-qácze?
 be DEM eat-3OBJ-3ERG 1SG.POSS-NMLZ-father
 'My father used to eat those.'
- (99) CMA: Oh?
- (100) KBG: 2éy 2éy yes 'Yep.'
- (101) KBG: $t\acute{u}\acute{m}es$ $n\acute{e}?e$ $s\acute{c}\acute{e}\acute{m}$ $t\acute{u}\acute{m}$ -[n-t]- ϕ -s $n\acute{e}?e$ s- $\acute{c}\acute{e}\acute{m}$ $t\acute{e}$ $t\acute{e$
- (102) CMA: miləm miləm ?¹⁶ 'Yes.'
- (103) KBG: 2éy 2éy yes 'Yep.'

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."

```
(104) KBG: 2el
                     e ?e?úse?s
                                                                  nem
               ?eł
                     e=?e~?-úse?-s
                                                                  nem
               and DET=AFF~NEUT<sup>17</sup>-small.round.object-3POSS
                                                                  very
                    vemíns
                                              xé?e
                    ye-mín-[t]-Ø-s
                                              xé?e
                    good-RLT-TR-3OBJ-3ERG DEM
               'And the duck eggs, he really liked those.'
       CMA: Mmm.
(105)
       KBG: 2éy
(106)
               ?éy
               yes
               'Yep.'
(107) CMA: ciy nke
                               te nsgácze?
                                                            ncéwe?
                                                                         e meł
                                                            ncéwe?
               ciy=nke
                               te=n-s-qácze?
                                                                         e=meł
               be.like=INFER DET=1SG.POSS-NMLZ-father
                                                            1SG.EMPH D/C=CNSQ
                                           ċίγ
                                                    tém'n
                     s... nescút
                                                            when he's trapping
                                                    tém'n
                     s=nes-[t-s]út
                                           ċíy
                                                            when he's trapping
                     NMLZ=go-TR-REFL
                                           be.like
                                                    then
                                                            when he's trapping
               'My father used to go get the eggs when he was trapping.'
(108) KBG: 2éy
               ?éy
               yes
               'Yep.'
(109) CMA: ?es kwném
                                      cú xwé?e... nem ekwu...
               ?es=kwné-m
                                      cú
                                           xwé?e nem=ekwu
               STAT=grasp-CTR.MID
                                      say DEM
                                                   very=REP
               'He gets some eggs from the nest.'
(110) CMA: tk x^w \dot{u} s x^w \partial s - t
                                           xé?e
                                                   2е
                                                         k^w yxus
                                                                  е хи́ Ри
                                           xé?e
                                                   ?e
               t=k=x^w us \sim x^w s - t
                                                         kwyus
                                                                  e=xú?u
               OBL=D/C=fierce~CHAR-IM DEM
                                                   INT
                                                                  DET=?
                    k<sup>w</sup>ném
                                              ?e?úse?s
                                     tux^w \partial
                                              ?e~?-úse?-s
                    kwné-m
                                     tuxwə
                    grasp-CTR.MID
                                     from
                                              AFF~NEUT-small.round.object-3POSS
               'Those ducklings are really mean when you go to grab the eggs.'
```

¹⁷ This is a "semantically neutral stem to which certain lexical suffixes are added" (Thompson & Thompson 1996).

(111) KBG: heʔéy néxʷm
heʔéy néxʷ-m
yes intense-CTR.MID
'Yes.'

- 2е (112) CMA: 20 cut ł nsqácze? te 20 melnes 90 cut =n-s-qácze? t=e=?o?e meł nes DISC say D/C=1POSS-NMLZ-father OBL=DET=DISC INT CNSQ **INCIP** k™ném 2е meł *Sliyxeyx*^w nes kwné-m ?e meł Sl-íyx-eyxw nes grasp-CTR.MID DET CNSQ INCIP run.fast-AUT-people 'My father said he took some eggs and he ran!'
- (113) KBG: náq̄wm náq̄w-m steal-CTR.MID 'He stole them.'
- (115) KBG: $2\acute{e}y$ $x\acute{e}?e$ $n\acute{a}\acute{q}$ wms e sxiq $x\acute{e}?$ $2\acute{u}$ $?\acute{e}y$ $x\acute{e}?e$ $n\acute{a}\acute{q}$ $^w-m[in]-t-Ø-s$ e=s-xiq $x\acute{e}?$ $2\acute{u}$ yes DEM steal-RLT-TR-3OBJ-3ERG DET=NMLZ-duck DEM EXCM 'He used to steal the eggs.'
- (116) CMA: 2éy 2éy yes 'Yep.'
- (117) KBG: 2éy ?éy yes 'Yep.'

```
(119) CMA: senk
                                 wi?
                                          xé?e
                                                 témń
                                                         téywey
               senk
                                 wi?
                                          xé?e
                                                 tém'n
                                                         téywey
               mean.tempered<sup>18</sup> EMPH
                                                         EXCM<sup>19</sup>
                                          DEM
                                                 then
                   nem e sxíqs
                   nem e=s-xiq-s
                   very DET=NMLZ-duck-3POSS
               'They're very mean (when we steal their eggs).'
(120) KBG: 2éy
               ?éy
               yes
               'Yep.'
(121) CMA: 2éy
               ?éy
               yes
               'Yep.'
(122) CMA: ?eł
                     ?ex nke
                                 cuntíyxs
                                             e scmeyts...
                                 cun-t-íyxs e=s-cm-eyt-s
               ?eł
                     ?ex=nke
                                 say-TR-3PL DET=NMLZ-small-agent-3POSS
               and be=INFER
                   x^w u y k^w
                               xeym
                                        Pel
                                               γíy
                                                      łe?e e ke? s...
                   x^wuy=k^w
                                               ?íy
                                                      le?e e=ke?=s
                               xeym
                                         ?eł
                               indeed
                   FUT=2SG
                                        and
                                              good DEM DET=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: s\acute{e}x^wm
               séxw-m
               bathe-CTR.MID
               'Swim.'
(126) CMA: ?éy
                                                ne qwo?
                    ke?
                           e séx<sup>w</sup>m...
                     ke?
               ?éy
                           e=séx<sup>w</sup>-m
                                                n=e=q^wo?
                    DEM DET=bathe-CTR.MID in=DET=water
               'Swim in the water.'
```

 $^{^{18}}$ This word was not found in the dictionary (Thompson & Thompson 1996); the meaning given was provided by the consultant.

¹⁹ Same as above.

```
tək s?í?tm
                                                             xé?e e sxəqxiq...
(127) CMA: nem ye
                           xé?
               nem ye
                           xé?
                                 tə=k=s-?í~?tm
                                                             x́e?e e=s-xəq~xiq
               very good DEM OBL=DET=NMLZ-PL~parent DEM DET=NMLZ-PL-duck
                   Pes kweństiyxs
                   ?es=kwen-s-t-íyxs
                   STAT=look-CAUS-TR-3PL
               'The parents of the ducklings look after their ducklings really good.'
(128) KBG: ?éy
               ?éy
               yes
               'Yep.'
       CMA: scmeytíyxs
(129)
               s-cm-eyt-íyxs
               NMLZ-small-agent-3PL.POSS
               'Their kids.'
       CMA and KBG overlap here, so it's difficult to make out what they're saying.
       CMA: I diminuized the k^w mi ?me? [k^w m \sim i ?me?; small~prp]. I said tumi?me?.
(131)
(132)
       CMA: I haven't used that word in, oh my gosh, a long time. tumí?me?.
(133)
      KBG: təte?
                      k
                              k scuk<sup>w</sup>s
                                                         nmímł
                                                                     xé?e...
               təte?
                      k
                              k=s=cukw-s
                                                         nmímł
                                                                     xé?e
                              D/C=NMLZ=finish-3POSS
                                                         1PL.EMPH
               NEG
                      UNR
                                                                     DEM
                   ?es naq<sup>™</sup>ntm
                   ?es=naqw-n-t-Ø-m
                   STAT=steal-DIR-TR-3OBJ-INDF.ERG
               'We're not the only ones that steal the eggs.'
       CMA: Mhm.
(134)
      KBG: ?e?úse?
                                             ċе
                                                               xé?e snkyep
(135)
               ?e~?-úse?
                                                               xé?e s-nkyep
                                             ċе
               AFF~NEUT-small.round.object EMPH.INT
                                                               DEM NMLZ-coyote
                                                         also
               'The coyote does too.'
(136) CMA: 2éy
               ?éy
               yes
```

'Yep.'

- (137) CMA: ?eł e sq́awm
 ?eł e=s-q̇awm
 and DET=NMLZ-wolf
 'And the wolf.'
- (138) KBG: 2éy tékm xé?e 2éy tékm xé?e yes all DEM 'All the animals.'
- (139) CMA: $\frac{\partial e^{t}}{\partial e^{t}} = \frac{e^{2}}{e^{2}}$ and DET=NMLZ-crow 'And the crow.'
- (140) KBG: 2éy 2éy yes 'Yep.'
- (141) CMA: nem xé? tək ?a sté? s?é?e?... e meł xé? tə=k=?a s-té? s-?é?e? e=meł nem very DEM OBL=D/C=DISC NMLZ-what NMLZ-crow D/C=CNSQ xé?e nes cmix^wetíyxs e citx^wíyxs xé?e cm-ixwe-t-íyxs e=citxw-íyxs small-?-TR-3PL DET=house-3PL.POSS DEM **INCIP** 'The crow messes up the duck's nest.'
- (142) KBG: 2éy ?éy yes 'Yep.'
- (143) CMA: Oh, poor little things.
- (144) KBG: *?el e heléw* ?el e=heléw
 and DET=eagle
 'And the eagle.'

- (146) CMA: *Peł e heléw Péy* Peł e=heléw Péy and DET=eagle yes 'And the eagle, yes.'
- (148) CMA: *k*^w*ném* tə x^wé?... ?eŧ k™ném tə xwé? kwné-m $t=a=x^wé$? ?eł kwné-m $t=a=x^wé$? grasp-CTR.MID OBL=DET=DEM and grasp-CTR.MID OBL=DET=DEM t cmí?me? tək cité?e t=cm~í?me? tə=k ci té?e OBL=small~PRP OBL=DET EMPH DEM 'They even take the little ducklings.'
- (149) KBG: $\frac{2\acute{e}y}{2\acute{e}y} \frac{n\acute{e}x"m}{n\acute{e}x"-m}$ yes intense-CTR.MID 'That's right.'
- (150) CMA: 2éy ?éy yes 'Yep.'
- (151) CMA: q*onq*ént q*on \sim q*én-t AUG \sim poor-IM 'Poor little thing.'
- (152) KBG: Žu? nem ye tək sła?xáns Żu? nem ye tək=s-la?x-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

- (154) KBG: $\stackrel{.}{c}i nuk^w$ $\stackrel{.}{t}e^{i}e$ $\stackrel{.}{t}e^{i}e$
- (155) CMA: he?éy he?éy yes 'Yes.'
- (156) CMA: təte? k sxwuycxwuyce he?éy nəst təte? k=s-xwuyc-xwuyce he?éy nəst NEG DET=NMLZ-AUG-more yes TAG 'There seems to be less of them.'
- (157) CMA: séy ke?lés mús cel cíks Žu? séy ke?lés mús cel cí-ks Žu? two three four EMPH=and open-hand also 'Two, three, four, five.'
- (158) KBG: 2éy ?éy yes 'Yep.'
- (159) CMA: 2éy ?éy yes 'Yep.'
- (160) CMA: $k\acute{e}m\acute{e}t$ $k\acute{w}mi$ cmí?me?tus ?es $c\acute{i}y$ $st\acute{e}?$ $xw\acute{u}\acute{y}ce?$ $k\acute{e}m\acute{e}t$ $k\acute{w}m$ -i $cm\sim$ í?me?-t=us ?es=cíy s-té? $xw\acute{u}\acute{y}ce?$ CONTR small- $?^{21}$ small~PRP-IM=CNJ STAT=be.like NMLZ-what more 'When they were younger, there was more of them.'

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.

(161) CMA: nem nke tumíxwətem e sté? té?e nem=nke tumíxwə-t-em e=s-té? té?e very=INFER kill.one.by.one²²-TR-INDF.ERG DET=NMLZ-what DEM 'Something must've killed them off.' (162) KBG: ?éy ?éy yes 'Yep.' (163) CMA: 2éy ?éy yes 'Yep.' aw qwən~qwən-[t-Ø]-em 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.'

- (168) CMA: $\frac{\partial el}{\partial u^2} = \frac{\partial u}{\partial u^2} = \frac$

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).

```
e=s-té?
              DET=NMLZ-what
               'What?'
(170) CMA: q^{w}ilxqn
               qwilxqn
               wolverine
               'The wolverine.'
(171) KBG: 2éy
               ?éy
               yes
               'Yep.'
                                               súmes
(172) CMA: ?e
                    xwuy témn
                                                                          tekm
                                 t e me
                                               súm-[n-t]-Ø-s
               ?e
                    xwuy témn
                                 t=e=me
                                                                          tekm
                                               sniff-[DIR-TR]-30BJ-3ERG
              INT
                    FUT
                          then
                                  OBL=DET=?
                                                                          all
                   sté?
                                ci
                                        te snkýep
                                                               e meł
                                                                           nes
                   s-té?
                                ci
                                        t=e=s-nkyep
                                                               e=meł
                                                                           nes
                                EMPH OBL=DET=NMLZ-coyote D/C=CNSQ INCIP
                   NMLZ-what
                                     ċίy
                                                                 e qwó?
                       nescút
                                              x^w itl \partial
                                                     sqós
                       nes-[t-s]út
                                     ċíy
                                              xwitlə
                                                     sqó-s
                                                                 e=qwó?
                                                     ?-3POSS^{24}
                       go-TR-REFL
                                    be.like
                                                                 DET=water
               'They smell everything just like the coyote. They go beside the water, on the other
              side of the water.'
                                                           łe kwmi?me?
(173) CMA: Pes púnms
                                              Pupi né?
                                                           łe=kwm~i?me?
               es=pún-m[in]-[t]-Ø-s
                                              ?upi né?
              STAT=find-RLT-TR-3OBJ-3ERG
                                                           DET=small~PRP
                                              eat
                                                    DEM
                   cmí?me?t...
                                  e meł
                                                     sła?xáns
                                              nes
                   cm~í?me?-t
                                                     s-ła?x-áns
                                  e=meł
                                              nes
                   small~PRP-IM D/C=CNSQ INCIP NMLZ-eat-tooth
               'And they find some. They find the little ones, and they eat them up.'
(174) KBG: 2éy
               ?éy
               yes
               'Yep.'
                                            х́иР
(175) CMA: ?éy
                    ćiy
                            t e xé?e
               ?éy
                    ċiy
                            t=e=xé?e
                                            λu?
                           OBL=DET=DEM also
                    same
```

'They do the same thing as the coyote.'

(169) KBG: e sté?

²⁴ The consultant said that $x^{witl} = s q o s$ refers to 'the other side'.

(176) KBG: *?eł nem nxwu?xwú?xws xé?e* ?eł nem n=xwu?~xwú?xw-s xé?e and very LOC=PL~odour-3POSS DEM 'They are really smelly.'

(177) KBG: $n\acute{e}x$ www [inaudible] mim nem nx mu2x mu2x

(178) CMA: 2éy ?éy yes 'Yep.'

(179) CMA: sté?usnke xwúyce?
s-té?=us=nke xwúyce?
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) CMA: nkətnim e püs n=kətni-m e=püs LOC=fish-CTR.MID DET=cat 'The cat went fishing.'

²⁵ This could be another form of *téywey*, 'exclamatory'.

²⁶ Author Reed Steiner's own work, assembled from miscellaneous images.

```
(181) KBG: ?ex ne?
                           t?e nke
                                        he weasel
              ?ex=ne?
                           t?e=nke
                                        he=weasel
                                        DET=weasel
              STAT=DEM
                           DEM=INFER
              'It seems to be a weasel.'27
(182) KBG: sté?...
                           sté?
                                        wi?
                                                 Źәm
                                                        he weasel
              s-té?
                                        wi?
                           s-té?
                                                 λəṁ
                                                        he=weasel
              NMLZ-what NMLZ-what
                                        indeed
                                                 PERF
                                                        DET=weasel
              'What's the weasel called again?'
(183) CMA: Oh, because she's white?
(184) CMA: spiq... ?es spiq
              spíq
                     ?es=spiq
              white STAT=white
              '[S]he's white.'28
(185) KBG: Oh yeah, mhm.
(186) KBG: ce nke
                            xe?
                                  néxtm...
                                                               e pús
              ce=nke
                            xe?
                                  né-x-t-Ø-em
                                                               e=pús
                            DEM give-IND-TR-3OBJ-INDF.ERG
                                                               DET=cat
              EMPH=INFER
                        e swéwł
                  e...
                        e=swéwł
                  e
                  DET DET=fish
              'She must have gave the cat the fish.'
(187) CMA: 2éy
              ?éy
              yes
              'Yep.'
(188) KBG: ce nke
                            swéwł
                                       Pe məl
                                                  né?e ws
                                                              kwukwscútc
                            swéwł
                                       ?e=məł
                                                              kwukw-s-cút-s
              ce=nke
                                                  né?e=ws
                                                              be.saved-CAUS-REFL-3POSS
              EMPH=INFER
                            fish
                                       INT=CNSO
                                                  DEM=CNJ
                  e pús
                  e=pús
                  DET=cat
              'The cat is gonna enjoy the fish.'
```

27

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.

```
 k<sup>W</sup>énete

(190) CMA: ye
                    wi?
                            he sxwáwkws
                                                                      te...
                                                         kwen-et-e
                            he=s-xwáwkw-s
                     wi?
                                                                      t=e
               good indeed DET=NMLZ-heart-3POSS
                                                         look-TR-IMP OBL=DET
                   e st<sup>w</sup>úsc
                   e=stw-ús-s
                   DET=[?]-face-3POSS
               '[S]he is so happy — look at [her] face!'
(191) KBG: 2éy,
                    né?e
               ?éy
                    né?e
               yes
                    DEM
               'Yes, that.'
(192) CMA: ciy
                                           sawíźsm
                      te ?éx nke
                                           s-qwíλ-s-m
                      t=e=?ex=nke
               cíy
               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.'
(194) CMA: J
                   xwúý kn
                                 7ех
                                       wé?
                                              kwukwscút
                   xwuy=kn
                                       wé?
                                              kwukw-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: 2éy
               ?éy
               yes
               'Yep.'
                                                                            χ̂uʔ
(196) KBG: 2il
                    xwuy né?e
                                  e snmi?es
                                                                            χuγ
               ?ił
                    xwuy né?e
                                  e=s=n=mi?-[t-\emptyset]-és
               then FUT DEM
                                  DET=NMLZ=LOC=share-TR-3OBJ-3ERG
                                                                            until
               'Then [s]he is going to share it out.'30
```

(189) [KBG and CMA laugh]

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 $\lambda u P$ at the end. How that meaning is accessed from this preposition is unclear.

- (197) CMA: he?éy he?éy yes 'Yes.'
- (198) KBG: 2éy ?éy yes 'Yep.'
- (199) CMA: $\frac{\partial ex}{\partial x}$ $\frac{\partial ex}{$
- (200) KBG: 2éy 2éy yes 'Yep.'
- (201) KBG: kyminc ky-min-t-Ø-s wait-RLT-TR-30BJ-3ERG 'He's waiting for someone.'
- (202) CMA: $\frac{\partial es kyminc}{\partial es=kymin-t-\phi-s}$ $\frac{e sq^wiq^wnt}{e=sq^wiq^wnt}$ STAT=wait-RLT-TR-30BJ-3ERG DET=groundhog 'The groundhog is waiting for someone.'
- (203) CMA: tate?, tate? k stpiq
 tate? tate? k=s-tpiq
 NEG NEG DET=NMLZ-weasel
 'No, it's not a weasel.'
- (205) CMA: ?éy ?éy yes 'Yep.'

```
(206) CMA: cút nke
                           [a] x^w u \dot{y} kt
                                              wi?...
                                                       x^w u \dot{v} kt
                                                                     wi?s...
                           [a]=x^wu\dot{y}=kt
                                              wi?
                                                       xwuy=kt
                                                                     wi?-s
               cút=nke
               say=INFER D/C=FUT=1PL.SBJ indeed FUT=1PL.SBJ indeed-3POSS
                    snək<sup>w</sup>núk<sup>w</sup>e?
                                      -(207)^{31}
                                                      x^w u \dot{y} kt
                                                                     wi? kt
                    s-nəkw~núkwe?
                                                      xwuy=kt
                                                                     wi?=kt
                    NMLZ-PL~friend
                                                      FUT=1PL.SBJ
                                                                     indeed=1PL.SBJ
                        snəkwnúkwe?
                                         tes ncin
                        s-nəkw~núkwe? t=e=s=n-t-si-en
                        NMLZ-PL~friend OBL=DET=NMLZ=give-TR-2SG.OBJ-1SG.ERG
                             te swéwł
                             t=e=swéwł
                             OBL=DET=fish
               'Must've said we're going to be friends because I gave you a fish.'
(207) KBG: he?éy
               he?éy
               yes
               'Yes.'
(208) KBG: he?éy
               he?éy
               yes
               'Yes.'
(209) CMA: sté?
                             k xy
                                           né?
                                                 k scuts
                                                                          te témń
                                           né? k=s=cut-s
                                                                          t=e=tém'n
               s-te?
                             k=xy
               NMLZ-NEG
                             DET=ask.for DEM DET=NMLZ=say-3POSS OBL=DET=then
               'Don't ask her [the weasel] for it because of what he [the cat] said.'32
(210) KBG: 2éy
                     nex<sup>w</sup>m
               ?éy
                     nexw-m
                     intense-CTR.MID
               yes
               'Yes, you're right.'
(211) KBG: \dot{c}iy nuk^w
                              xé?e te n?éye
                                                          te tmixw
                              xé?e t=e=n-?éye
               ciy=nukw
                                                           t=e=tmix^w
               be.like=SENSE DEM OBL=DET=LOC-here OBL=DET=land
               'It feels like the land is close by.'
```

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.

(212) CMA: nəst nəst TAG 'Isn't it?' wə ł Åqʻəmcin (213) KBG: *n*?éy wé?e n-?éy wé?e wə=l=λqʻəmcín LOC-here DEM at=DET=Lytton '[It's] in Lytton way.' (214) CMA: 2éy, *Pé*y ?éy ?éy yes yes 'Yes, yes.' (215) KBG: né?e né?e DEM 'There.' źu? *?eŧ* té?e (216) CMA: [inaudible] kn [inaudible]=kn ?eł χu? té?e [inaudible]=1SG.SBJ and until DEM 'And I'm going along (doing whatever — I don't know).'33 (217) CMA: *?eł us...* s-temn xé? né? né? he s... xé? ?el=us s-tem=n né? né? he=s and=CNJ NMLZ-what=Q DEM DEM DEM DET=NMLZ e qwumqns he ssəqs e pús *e*... e=qwum-qn-s he=s-səq-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'* xé?e

³³ CMA was not able to provide a full translation for this sentence, since the first part is inaudible.

qemut=n' xé?e

'Is that a hat?'

DEM

hat=Q

- (221) CMA: $k^{w}mi?me?$ n'e? te qem'ut $k^{w}mi?me?$ n'e? t=e=qem'ut little DEM OBL=DET=hat 'A little hat.'
- (222) KBG: $\dot{y} = k^w u$ $n\acute{e}?$ $e k^w isitus$ $\dot{y} = ek^w u$ $n\acute{e}?$ $e = k^w is-it=us$ good=REP DEM DET=fall-baby=CNJ '[It's] referring to happy birthday.'
- (223) KBG: $2e \ mel \ x\'e2e \ sx``uy's \ ?i\'\lambda m$ $?e=mel \ x\'e2e \ s=x``uy'-s \ ?iλ'-m$ $INT=CNSQ \ DEM \ NMLZ=FUT-3POSS \ sing-CTR.MID$ 'And then she starts to sing.'
- (224) KBG: $\int y'' e y'' e te si\lambda'' dt e k''' isitux'' \int y'' e y'' e t=e=si\lambda'' dt e=k''' is-it=ux'' good good OBL=DET=day-sky DET=fall-baby=2SG.CNJ 'It was a good day that you were born.'$
- (225) KBG:

 nem ye siλqt e kwisituxw

 nem ye siλqt e=kwis-it=uxw

 very good day-sky DET=fall-baby=2SG.CNJ

 'It was a very good day that you were born.'
- (226) CMA: 2éy 2éy yes 'Yep.'
- (227) KBG: ?éy ?éy yes 'Yep.'

```
(228) CMA: nəst
              nəst
              TAG
              'Right?'
(229) KBG: he?éy
              he?éy
              yes
              'Yes.'
(230) CMA: J
                  у́е
                          Pevł nsxwáwkw
                   ýe
                          ?eył n-s-xwáwkw
                          now 1sg.poss-nmlz-heart
                   good
                       te snkwisit-cn<sup>34</sup>
                       t=e=s=n=kwis-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.'
(233) CMA: tu
                           xe?
                    v́е
                    уe
                           xe?
              still
                    good DEM
              'That's good.'
(234) CMA: nem məqwmoqwixm
                                             ?eŧ
                                                   ne?
                                                         k sye...
                                             ?eł
              nem məq<sup>w</sup>~moq<sup>w</sup>-ix-m
                                                   ne?
                                                        k=s=ye
              very PL~gather-AUT-CTR.MID
                                                   DEM DET=NMLZ=good
                                             and
                                                                            ?e тəł
                   2е
                        k scutes
                                                      e sła?xáns
                   Зe
                        k=s=cu-t-Ø-es
                                                      e=s-ła?x-áns
                                                                            ?e məł
                   ANT DET=NMLZ=fix-TR-3OBJ-3ERG STAT-NMLZ-eat-tooth INT CNSQ
                       né?
                             séýsi?s
                       né?
                             k=séysi?-s
                       DEM DET=play-3POSS
              'And then he's gonna fix the food and then they're gonna play.'
```

 34 The stem ends in a very audible cn. We originally interpreted this as a first-person ergative/second-person-singular 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.

```
(235) KBG: 2éy
              ?éy
              yes
              'Yep.'
(236) KBG: 2el
                   ∂iŹm
                                  ?eŧ
                                       sźév
              ?eł
                   ?iλ-m
                                  ?eł
                                       s-λéy
              and sing-CTR.MID and
                                       NMLZ-women's.dance
              'And they sang and they danced.'
(237) CMA: ?éy
              ?éy
              yes
              'Yep.'
(238) CMA: ?éy
              ?éy
              yes
              'Yep.'
(239) KBG: né?e
              né?e
              DEM
              'There.'
(240) KBG: quy?cút-
              quy?-t-sút
              laugh-TR-OOC
              'He laughed -'
(241) CMA: [inaudible]
                           quy?cút
                                         2е
                                                              ýés
                                               тəŧ
                                                      nes
              [inaudible]
                           quy?-t-sút
                                         Эe
                                               məł
                                                      nes
                                                              yé-s
              [inaudible]
                           laugh-TR-OOC INT
                                                              good-3POSS
                                               CNSQ
                                                     INCIP
                  e sxwéwkwiyxs
                  e=s-xwéwkw-iyxs
                  DET=NMLZ-heart-3PL
              'They laughed and they will feel better.'
(242) KBG: ?éy
```

?éy yes 'Yep.'

```
(243) KBG: ?el
                      wé?e
                              wə t q™o?
                                                           ne?
                                                                          sýés
                                                                  wi?
                                                    meł
                ?eł
                      wé?e
                              Yowp=l=ew
                                                                          s=yé-s
                                                    meł
                                                            ne?
                                                                  wi?
                and DEM
                              at=D/C=water INT CNSQ DEM indeed NMLZ=good-3POSS
                     s Swoyts
                                                    Péye ℓ q<sup>w</sup>o? ws
                     s = \int w \circ \dot{y} t - [t] - \emptyset - s
                                                    ?eye =qwo?=ws
                     STAT=sleep-TR-3OBJ-3ERG
                                                   here DET=water=CNJ
                'And over there by the water they're gonna sleep really good.'
```

- (244) CMA: cu kt $\frac{2}{\lambda}u^2$ xe^2 $n\acute{e}^2$ wi^2 qe^2nimes $e q^wo^2$ cu=kt $\frac{2}{\lambda}u^2$ xe^2 $n\acute{e}^2$ wi^2 qe^2nimes $e=q^wo^2$ say=1PL.SBJ only DEM DEM indeed hear-3ERG DET=water 'And that's all he's gonna hear is the water.'
- (245) KBG: *he?éy* he?éy yes 'Yes.'
- (246) CMA: té? xeymxím us e séytknmx téte? sté? xeymxím=us e=séytkn-mx téte? s-té? what [people.did]=CNJ DET=people-person NEG NMLZ-what λu? k ?ex té?e cuk^w ne? xe? q^wo? e qe?nímetiyxs cukw xe? qwo? e=qe?ním-et-Ø-iyxs k=?ex=té?e λu? ne? 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: ?éy ?éy yes 'Yep.'
- (248) KBG: 2éy ?éy yes 'Yep.'

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.

```
(249) CMA: peỷ us sné?e e sqe?nímetiyxs
peỷ=us s-né?e e=s=qe?ním-et-Ø-iyxs
one=CNJ NMLZ-DEM DET=NMLZ=hear-TR-3OBJ-3PL
e... e snkỷép
e e=snkỷép
DET DET=coyote
'Once in a while they would hear a coyote.'
```

- (250) CMA: ?aw! ?aw! ?aw! ?awww! (imitating a coyote howling)
- (251) KBG: 2éy 2éy yes 'Yep.'
- (252) KBG: *?e* məł né?e s?exs $nox^w nox^w$ e stpiq né?e s=?ex-s məł nox^w~nox^w e=s-tpíq INT CNSO DEM NMLZ=PROG-3POSS DET=NMLZ-weasel PL~run Pex us te kwun wa ł né stustks t=e=kwun wə=l=né s-tustk-s ?ex=us 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.'
- (253) KBG: $k^w u k^w s c u t e m e s p z s p z u 2$ kwukw-s-c une? ?eył tekm e=spz~spzu? be.saved-CAUS-REFL DEM now all DET=PL~animal 'All the animals are treating themselves very well.'
- (254) CMA: nəst??
 nəst
 TAG
 'Aren't they?'
- (255) KBG: $\stackrel{.}{ci} nuk^w$ $e cuk^w$?eył $\stackrel{.}{ci} = nuk^w$ $e = cuk^w$?eył 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, naturalistic 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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