

# **Qevesa Grammar**

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# Preface

*To be written...*



# **1. Background**

## **1.1. Demographic and Ethnographic Information**

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## 2. Phonology

### 2.1. Phonotactics

#### 2.1.1. Vowel inventory

	Front	Central	Back
Close	i i:		u u:
Mid	e e:		o o:
Open		a a:	

Table 2.1. *Qevesa vowel phonemes*

There are ten distinct vowel phonemes in Qevesa, listed in Table 2.1. These are divided into five long and five short phonemes, differing in length but not quality. Long vowels are held approximately twice as long as their short counterparts.

Although the vowels [e] and [o] are conventionally written using the close-mid IPA symbols, they are more accurately transcribed as mid vowels [ɛ] and [ɔ]. Word-initial /e/ is often realised as [je], and word-initial /o/ may be realised as [wo] in some dialects.

The diphthongs consist of /i-/ /-i/ /u-/ and /-u/ glides, as exemplified in Table 2.2. /i-/ onset diphthongs may cause palatalisation of the preceding consonant, and /u-/ onset glides may cause labialisation of the preceding consonant. Whilst plain vowels may occur word-initially, diphthongs cannot. Long vowels could also be analysed as diphthongs consisting of two identical vowels.

	i-	-i	u-	-u
a	ia	ai	ua	au
e	ie	ei	ue	eu
o	io	oi	uo	ou
i	i:	i:	ui	iu
u	iu	ui	u:	u:

Table 2.2. *Qevesa diphthongs*

## 2.1.2. Consonant inventory

	Bilabial	Labiodental	Denti-alveolar	Postalveolar	Palatal	Velar	Glottal
Nasal	m		$\text{ɳ}$		$\text{ɲ}$	$[\text{ŋ}]$	
Plosive	p		$\text{t}$		c	k	
Affricate			ts dz	tʃ			
Fricative		f v	s θ ð	ʃ	$[\text{ç}]$	x	h
Approximant					j		
Lateral			l				
Rhotic			r				

Table 2.3. *Consonants*

Qevesa possesses twenty-one consonants, realised as in Table 2.3. Features and allophones of each row are described in more detail below. Consonants are slightly palatalised before /i/ (and its associated glides).

Consonantal length is phonemic, so [mata] and [mat:a] are distinguished. In correct speech, geminate consonants should be articulated and released separately, although in quick speech they will be pronounced as prolonged. Geminates may also appear at in word-initial syllables, but are rare word-finally. Word-medially, syllables will be split at the geminate consonant.

### 2.1.2.1. Nasals

Qevesa has three nasal consonants: /m  $\text{ɳ}$   $\text{ɲ}$ /. / $\text{ɳ}$ / is a laminal denti-alveolar nasal, rather than a true dental nasal. These consonants are largely consistent in their realisation, though they may assimilate to the articulation point of adjacent plosives in clusters.

The velar nasal  $[\text{ŋ}]$  is an allophone of / $\text{ɳ}$   $\text{ɲ}$ / before /k/.

### 2.1.2.2. Plosives

Qevesa has four plosive consonants. These are spread over four positions (labial, denti-alveolar, palatal, velar); voice is not distinguished: /p  $\text{t}$  c k/. The plosives are often realised with a slight aspiration when syllable-final; /c/ may become an affricate [cç].

### 2.1.2.3. Fricatives

Qevesa has eight fricative consonants: /f v θ ð s ʃ x h/. /v/ and /ð/ are commonly realised as approximants. Before /i/ or /j/, /x/ and /h/ may be realised as [ç].

#### 2.1.2.4. Affricates

Qevesa has three affricates: /ts dz tʃ/. /ts/ and /tʃ/ are consistently realised as affricates and behave as though they were a single consonant. /dz/ may be realised as a plain fricative [z] when word initial or preceded by another non-fricative consonant.

#### 2.1.2.5. Liquids and Glides

Qevesa has two liquid consonants (one lateral and one rhotic) and two to four glides.

The lateral consonant is the denti-alveolar /l/. When preceding an /i-/ glide or /j/, it is realised as [ɬ]. in some clusters, such as /tl/.

The rhotic consonant is the alveolar trill /r/. It may be realised as a tap [ɾ] when inter-vocalic.

The glide is the palatal glide /j/. This shows little allophonic variation, tending to induce allophonic changes in other consonants. The fricatives /v/ and /ð/ are often realised as approximants.

### 2.1.3. Phonemic Restrictions

The main limitations on phonemic distribution are found within the context of consonant clusters. Any single consonant may appear in onset or coda position, word-initially, word-medially, or word-finally. Likewise, any vowel may occur in any of the three positions.

#### 2.1.3.1. Consonant Clusters

Qevesa is fairly lenient when it comes to word-internal clusters. Almost any combination is permitted, including clusters containing two consonants having the same point of articulation.

Initial consonant clusters are not permitted, except for palatal and labial offglides.

#### 2.1.3.2. Syllable Structure

Qevesa syllables are strictly CV(C).

*To be written...*

### 2.1.4. Romanisation

The usual transcription system used for the Latin alphabet is as follows:

<b>A a</b>	<b>Á á</b>	<b>C c</b>	<b>Č č</b>	<b>D d</b>	<b>E e</b>	<b>É é</b>	<b>H h</b>
/a/	/a:/	/ts/	/tʃ/	/ð/	/e/	/e:/	/h/
<b>I i</b>	<b>Í í</b>	<b>J j</b>	<b>K k</b>	<b>Kh kh</b>	<b>L l</b>	<b>M m</b>	<b>N n</b>
/i/	/i:/	/j/	/k/	/x/	/l/	/m/	/n/
<b>Ň ň</b>	<b>O o</b>	<b>Ó ó</b>	<b>P p</b>	<b>Ph ph</b>	<b>Q q</b>	<b>R r</b>	<b>S s</b>
/ɲ/	/o/	/o:/	/p/	/f/	/c/	/r/	/s/
<b>Š š</b>	<b>T t</b>	<b>TH th</b>	<b>U u</b>	<b>Ú ú</b>	<b>V v</b>	<b>Z z</b>	
/ʃ/	/t/	/θ/	/u/	/u:/	/v/	/z dz/	

The Latin orthography is largely phonemic, and makes use of a number of diacritics and digraphs. The diacritics indicate the following features:

**Háček/Caron** The *háček* or caron indicates a palatalised consonant variant. It is used with ⟨c⟩, ⟨n⟩ and ⟨s⟩, producing ⟨č⟩, ⟨ň⟩ and ⟨š⟩.

**Acute** The acute accent is used to indicate a long vowel, and is used with ⟨a⟩, ⟨e⟩, ⟨i⟩, ⟨o⟩ and ⟨u⟩ to produce ⟨á⟩, ⟨é⟩, ⟨í⟩, ⟨ó⟩ and ⟨ú⟩.

The digraphs ⟨kh⟩, ⟨ph⟩ and ⟨th⟩ represent the phonemes /x/, /f/ and /θ/. These phonemes were originally pronounced as aspirated stops in Common Therasa, and became fricatives in Qevesa. The letter ⟨z⟩ represents the affricate /dz/.

Geminate consonants are doubled, except for the digraphs which only double the first consonant.

## 2.2. Prosody

Qevesa is a syllable-timed language. *To be written...*

### 2.2.1. Stress

Stress always falls on the penultimate syllable of a word. *To be written...*

### 2.2.2. Intonation

Qevesa possesses a limited pitch-accent. *To be written...*



### 3. Morphological Typology

Qevesa morphology differs quite significantly from English. The lexemes, or roots, are based around discontinuous clusters of two to five consonantal phonemes. These roots interlock with patterns of vowels (and sometimes other consonants) to form words or word stems.

(1) *EXAMPLE*

These words, or word stems, can be further modified by the addition of inflexional affixes, such as suffixes, prefixes, and occasionally infixes. The trilateral root represents the semantic field or abstract concept; the patterns represent specific lexical or inflectional derivations. Both roots and patterns are bound morphemes, each conveying specific and essential types of information. Neither can exist independently because both are abstract mental representations.

#### 3.1. Definition of Root

A root is a relatively invariable discontinuous bound morpheme, represented by two to five phonemes in a certain order, which interlocks with a pattern to form a stem, and which has lexical meaning. The root morpheme is discontinuous because vowels can be interspersed between the consonants; however, the consonants of a root must always be present and in the same sequence. The usual number of consonants in a Qevesa root is three; however, there are also two-consonantal (biliteral), four-consonantal (quadriliteral) and five-consonantal (quinquilateral), although the latter are extremely rare. Quadriliteral and quinquilateral roots always contain a consonant cluster as a root phoneme that cannot be split, and as a result, their derivation into variant root forms tends to be highly irregular.

The root is said to contain lexical meaning because it communicates the idea of a real-world concept. It is useful to consider the root as denoting a semantic field because it is within that field that actual words come into existence. The exact number of lexical roots in Qevesa ranges from two- to three thousand; phonologically there are many times that number of permissible roots. This is complicated by the fact that some roots contain bound consonant clusters, and certain consonants may be elided or induce other phonological phenomena.

## 3.2. Definition of Pattern

A pattern is a bound and often discontinuous morpheme consisting of a sequence of one or more vowels and slots for root phonemes, which either alone or in conjunction with other affixes, interlocks with a root to form a stem, and which generally has a grammatical meaning. The pattern is discontinuous because it intersperses itself among the root consonants, and can be considered as a type of template onto which different roots can be mapped. The derivational affixes include the use of consonants that mark grammatical functions, and these consonants may be used as suffixes, prefixes, or infixes. A further component of pattern marking is the gemination or lengthening of existing or already-inserted consonants or vowels.

Patterns are said to contain grammatical meaning because they signify grammatical or language-internal information; that is, they distinguish word types such as verbal forms, nominal forms, and adjectival forms. They can also signify very specific information about subclasses of the basic word types, such as aspect, number, and case.

### 3.2.1. Transfix positions

To aid in the description of the patterns or transfixes used to form base stems of verbs, nouns, and adjectives, the positions within a root are labeled as follows: the three consonants are referred to as  $C_1$ ,  $C_2$ ,  $C_3$ , and the positions adjacent to them are  $P_0$ ,  $P_{12}$ ,  $P_{23}$ ,  $P_4$ . However, most transfix patterns consist of two or three discontinuous vowel sequences, which may consist of short or long vowels, or diphthongs. These are referred to as  $V_1$ ,  $V_2$  and  $V_3$ .

## 3.3. Dictionary Ordering

Qevesa dictionaries are sorted by lexical root and not spelling. Instead of relying on the exact orthography of a word, Qevesa dictionaries are organised by the root or consonant core of a word, providing under that entry every word derived from that particular lexical root. In this regard, a Qevesa dictionary is more akin to a thesaurus, locating all possible variations of a semantic concept under a single entry.

## 3.4. Other Lexical Types

Other word formation processes in Qevesa include compounding and solid stems.

### 3.4.1. Compounding

Compounding is the second-most common means of word formation. There are several variations on compounding: roots (and patterns) may be concatenated to form new roots of more consonants; stems may be concatenated to construct new meanings; and words may be strung together as phrases to introduce variations on a theme.

Some lexical roots consist of solid stems; that is, they possess inherent vowels and generally cannot be reduced into the root-pattern paradigm. Such words fall into one of four categories: pronouns, function words, irregular stems, or loan words. The latter category is fairly sparse, as Qevesa tends to rely on substitution of terms, calquing or coinage of new terms. Sometimes, a loan word may be reanalysed as a root, often with an inherent vowel pattern.

### 3.5. Head/Dependent Marking

Qevesa tends towards dependent marking, although it also exhibits cases of head-marking.

*To be written...*



## 4. Verbal Morphology

### 4.1. Features

The consonantal root patterns in Qevesa are used to form basic morphological paradigms. Qevesa verbs are highly inflected, indicating tense and aspect by transfix patterns; topical agreement and modality are marked by agglutinative suffixes. All other constructions, are indicated by periphrasis or syntax.

The stem consists of the root and zero or more derivational affixes conjugated to a particular aspect.

### 4.2. Verb Root Forms

Although the arrangement of consonants in a root is generally fixed, there are regular processes to derive subtle semantic variations on the meaning of the root, such as causatives and reflexives. These root variants are called forms, or ??? (“constructions”), from the root *mukut* (“build, construct”). There are five primary forms, numbered I–V; these are listed in Table 4.1.

Form	Pattern
I	C <sub>1</sub> uC <sub>2</sub> uC <sub>3</sub>
II	C <sub>1</sub> uC <sub>2</sub> C <sub>3</sub> u
III	uC <sub>1</sub> C <sub>2</sub> uC <sub>3</sub>
IV	meC <sub>1</sub> uC <sub>2</sub> C <sub>3</sub> u
V	taC <sub>1</sub> C <sub>2</sub> uC <sub>3</sub> u

Table 4.1. *Verb root forms*

#### 4.2.1. Form I: Active

Form I is the most common consonantal root form, containing no preformative affixes or pairing of consonants as occurs in the other forms. It is typically the closest indicator to the lexical meaning of the root, and although it has no particular semantic function associated with it, verbs in Form I are often transitive.

### 4.2.2. Form II: Intensive

Form II is the intensive stem. It typically indicates an intensive, frequentative or causative meaning, and may also be used to form transitive verbs from intransitive roots.

### 4.2.3. Form III: Causative

Form III is commonly known as the causative stem. Its most common function is causative; it may also convert transitive verbs into ditransitive ones. It can also have a causative meaning on verbs whose Form 1 root is intransitive, and for some verbs, may convey an assistive or factitive meaning.

### 4.2.4. Form VI: Reciprocal

Form VI is commonly known as the reciprocal stem. It commonly conveys meanings of a reciprocal or reflexive nature, and is often used to create verbs denoting social interactions.

### 4.2.5. Form V: Reciprocal Causative

Form V is the reciprocal causative stem, so called for historical reasons as it also includes a number of other intransitive meanings. It is subject to much unpredictable metaphorical and semantic drift, so actual meanings may vary quite a lot from the Form 1 verb. True reflexives account for only a portion of the verbs in this form. Its main functions are:

## 4.3. The Infinitive

The infinitive verb is the citation form of the verb, as well as the non-finite form used in constructions involving an auxiliary verb. It is marked by the patterns  $C_1u C_2u C_3$ .

*To be written...*

## 4.4. Conjugation

Qevesa is a highly synthetic language, and verbs are conjugated to indicate aspect, tense, topical agreement, and mood. The conjugated form of the verb is as follows:

(2) *stem* \ ASPECT-MOOD-TOPIC

### 4.4.1. Aspect and Tense

Qevesa verbal morphology primarily indicates aspect rather than tense. There are seven aspectual paradigms, each marked with a transfix pattern. These are given in Table 4.2.

Aspect		I	II	III	IV	V
<b>Perfective</b>	PERF	C <sub>1</sub> uC <sub>2</sub> oC <sub>3</sub>	C <sub>1</sub> uC <sub>2</sub> C <sub>3</sub> o	uC <sub>1</sub> C <sub>2</sub> oC <sub>3</sub>	meC <sub>1</sub> uC <sub>2</sub> C <sub>3</sub> o	taC <sub>1</sub> C <sub>2</sub> uC <sub>3</sub> o
<b>Momentane</b>	MOMT	C <sub>1</sub> uC <sub>2</sub> aC <sub>3</sub>	C <sub>1</sub> uC <sub>2</sub> C <sub>3</sub> a	uC <sub>1</sub> C <sub>2</sub> aC <sub>3</sub>	meC <sub>1</sub> uC <sub>2</sub> C <sub>3</sub> a	taC <sub>1</sub> C <sub>2</sub> uC <sub>3</sub> a
<b>Progressive</b>	PROG	C <sub>1</sub> iC <sub>2</sub> uC <sub>3</sub>	C <sub>1</sub> iC <sub>2</sub> C <sub>3</sub> u	iC <sub>1</sub> C <sub>2</sub> uC <sub>3</sub>	meC <sub>1</sub> iC <sub>2</sub> C <sub>3</sub> u	taC <sub>1</sub> C <sub>2</sub> iC <sub>3</sub> u
<b>Durative</b>	DUR	C <sub>1</sub> aC <sub>2</sub> uC <sub>3</sub>	C <sub>1</sub> aC <sub>2</sub> C <sub>3</sub> u	aC <sub>1</sub> C <sub>2</sub> uC <sub>3</sub>	meC <sub>1</sub> aC <sub>2</sub> C <sub>3</sub> u	taC <sub>1</sub> C <sub>2</sub> aC <sub>3</sub> u
<b>Habitual</b>	HAB	C <sub>1</sub> oC <sub>2</sub> uC <sub>3</sub>	C <sub>1</sub> oC <sub>2</sub> C <sub>3</sub> u	oC <sub>1</sub> C <sub>2</sub> uC <sub>3</sub>	meC <sub>1</sub> oC <sub>2</sub> C <sub>3</sub> u	taC <sub>1</sub> C <sub>2</sub> oC <sub>3</sub> u
<b>Inchoative</b>	INCH	C <sub>1</sub> oC <sub>2</sub> aC <sub>3</sub>	C <sub>1</sub> oC <sub>2</sub> C <sub>3</sub> a	oC <sub>1</sub> C <sub>2</sub> aC <sub>3</sub>	meC <sub>1</sub> oC <sub>2</sub> C <sub>3</sub> a	taC <sub>1</sub> C <sub>2</sub> oC <sub>3</sub> a
<b>Cessative</b>	CESS	C <sub>1</sub> oC <sub>2</sub> oC <sub>3</sub>	C <sub>1</sub> oC <sub>2</sub> C <sub>3</sub> o	oC <sub>1</sub> C <sub>2</sub> oC <sub>3</sub>	meC <sub>1</sub> oC <sub>2</sub> C <sub>3</sub> o	taC <sub>1</sub> C <sub>2</sub> oC <sub>3</sub> o

Table 4.2. *Aspectual transfix patterns***4.4.1.1. Perfective**

The perfective aspect indicate activities viewed as a single whole. It is typically used to speak of singular events completed in the past.

**4.4.1.2. Momentane**

The momentane aspect indicates brief single-time activities or states.

**4.4.1.3. Progressive**

The progressive aspect indicates ongoing actions with a change of state. It may also be used to describe intermittent actions.

**4.4.1.4. Durative**

The durative aspect inicates ongoing actions without a change of state, or actions which last some time.

**4.4.1.5. Habitual**

The habitual aspect indicates actions that occur habitually. Like the progressive, it may also describe intermittent actions, but in a general sense.

**4.4.1.6. Inchoative**

The inchoative aspect emphasises the beginning of an activity or state.

**4.4.1.7. Cessative**

The cessative aspect emphasises the ending of an activity or state.

#### 4.4.2. Topical Agreement

Many of the languages in the ??? family, which includes Therasa and its descendants, employ some variant on an active-stative morphosyntactic alignment. Verbs in Qevesa and related languages are marked for topic, which may be the agent, patient or some oblique noun phrase, irrespective of valency of the verb. This is hypothesised to be a remnant of a system of polypersonal agreement which collapsed into a single suffix that indicated the most important element in the clause.

Nouns are marked with a corresponding *focal case*<sup>1</sup> which serves to indicate the topic of the clause. The topic markers on the verb therefore indicate the role of the topical noun. Syntax also plays a role: nouns in the focal case are always the first element in a clause.

The suffixes for topical agreement are given in Table 4.3.

		Nominative	Absolutive	Oblique
		NOM	ABS	OBL
<b>Animate</b>	ANIM	-(a)m	-(a)š	-(a)t
<b>Inanimate</b>	INANIM	-nom	-noš	-not

Table 4.3. *Topical agreement*

##### 4.4.2.1. Nominative Topic

An nominative topic indicates that the noun phrase in the focal case is the voluntary experiencer of an intransitive verb or the agent of a transitive verb.

##### 4.4.2.2. Absolutive Topic

An absolutive topic indicates that the noun phrase in the focal case is the involuntary experiencer of an intransitive verb; the patient of a transitive verb; and the recipient of a ditransitive verb. Only animate nouns may be voluntary agents of intransitive verbs; inanimate nouns are always marked as involuntary experiencers of intransitive verbs. Furthermore, some intransitive verbs are always involuntary.

##### 4.4.2.3. Oblique Topic

An oblique topic indicates that the noun phrase in the focal case is something other than the agent or patient of a transitive verb. For ditransitive verbs it normally indicates the theme or direct object.

<sup>1</sup>See Section 5.2.2.1 for more details



### 4.4.3. Modality

Qevesa predominantly indicates modality by means of suffixes, with the exception of the imperatives described in Section ???. There are five synthetic moods: indicative, mirative, conditional, optative and potential. These are listed in Table 4.4; the left column indicates suffixes that follow a consonant, and the right column suffixes that follow a vowel.

Mood		Suffix	
Indicative	IND	-Ø	-Ø
Mirative	MIR	-ine	-nne
Conditional	COND	-isi	-ssi
Optative	OPT	-iti	-tti
Potential	POT	-ill	-ll

Table 4.4. *Verbal mood suffixes*

The *indicative* mood is used for factual statements and positive beliefs, and as such is the default mood. It is marked with a null morpheme.

The *mirative* mood is used to express surprise and also doubt, irony, sarcasm, etc. It is used to express statements contrary to the speaker's expectations or state of mind.

The *conditional* mood is used to speak of an event whose realization is dependent upon another condition.

The *optative* mood is used to express hopes, wishes and desires.

The *potential* mood indicates that, in the opinion of the speaker, the action or occurrence is considered likely. Some of its uses overlap with the conditional mood.

## 4.5. Irregular Verbs

*To be written...*



## 5. Nominal Morphology

### 5.1. Definitions and Features

Qevesa nouns, like verbs, are highly regular in their declension. They inflect for two non-inherent features: number and case. They are also occasionally marked for animacy, though this is inherent in the noun, and thus is usually only indicated by the declension affixes.

Unlike in some languages, there is no grammatical gender. Instead, Qevesa uses natural gender, and this is an inherent feature of the noun that is neither marked nor affects declension. Explicit constructions to distinguish gender may be used when necessary.

Most nouns have three numbers, a singular, dual or quantitative, and plural, although a small, closed set have a natural number and receive inverse marking.

There are fourteen cases in the standard written language: focal, nominative, absolutive, secundative, genitive, essive, instrumental-committative, inessive, adessive, illative, allative, elative, ablative and comparative. A fifteenth case, the vocative, exists in some spoken dialects, but this is falling out of use<sup>1</sup>.

Nouns can also be marked for four states, which are different types of determinateness.

The citation form of all nouns is the unmarked form, that is, with no suffixes or prefixes.

#### 5.1.1. Animacy

Nouns in the Teralo family of languages display a property known as animacy, in which nouns referring to humans, animals and other things perceived as having consciousness or life decline differently to other nouns in some forms. The animacy of a noun must be known in order to properly decline it to the primary cases and to indicate pronominal forms.

Animate nouns refer to humans, animals, spirits, some plants, and some meteorological and geological phenomena. This includes personal names, possessions, and some body parts. Most living but inanimate life forms are not included, such as the majority of plants, as well as microbial life forms. Animacy is a fixed feature, so nouns may not switch between animate and inanimate declensions. Exceptions to this include named objects as well as some towns and cities.

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<sup>1</sup>It is interesting to note that the vocative case is commonly used when insulting people regardless of dialect.

### 5.1.2. Proper Nouns

Proper nouns may be formed from words existing in the language<sup>2</sup>, often supported by gender markers to disambiguate them from common nouns, especially when used as personal names. A noticeable morphological feature of proper nouns is that their case markers are enclitic rather than suffixed, separated by a colon or a non-breaking space. Proper names are seldom pluralised.

## 5.2. Nominal Declension

Qevesa noun words consist of the stem, followed by number, possessor and case marking:

(3) STATE=*stem*-NUMBER-POSSESSOR-CASE

The noun phrase may also be preceded by a clitic to indicate the state.

### 5.2.1. Number

Qevesa nouns have three numbers, singular, dual and plural, which are marked by a series of suffixes that display a form of inverse marking. Every countable noun has an inherent (“natural”) number, which is unmarked, and is only marked for number when the noun occurs in a different number.

The dual number also functions as a quantative number. By itself, it indicates that there are exactly two of the noun. However, if a quantity is to be specified, such as with a number word or quantifier, the dual form is also used.

The suffixes that indicate number are listed in Table 5.1. An epenthetic *-e-* may be inserted if the suffix follows a consonant, but this is somewhat irregular and depends on both the previous consonant and the suffixes, if any, that follow.

In addition, a small closed set of nouns has plural declining forms that are different to their base form.

Number	Suffix
Natural	-Ø
Singulative	SGV -(e)n
Dual/Quantitative	DU -(e)v
Plural	PL -(e)s

Table 5.1. *Grammatical number suffixes*

<sup>2</sup>See ?? on ?? for derivation of proper nouns.

### 5.2.2. Case

Qevesa possesses fourteen cases (fifteen if the marginal vocative is included), which are divided into two groups. The primary cases, of which there are four, indicate morphosyntactic roles of the noun with respect to the verb; the remaining ten cases are the secondary cases, and these are mostly locative and adverbial cases.

The case suffixes are listed in Table 5.2. The left columns list suffixes that follow a consonant, and the right columns list suffixes that follow a vowel.

Noun Case		Animate		Inanimate	
		ANIM		INANIM	
Focal	FOC	-a	-Ø	-a	-na
	FOC <sub>2</sub>	-a	-a	-on	-n
Nominative	NOM	-am	-m	-om	-m
Absolutive	ABS	-aš	-š	-oš	-š
Secundative	SDT	-ot	-t	-ot	-t
Genitive	GEN	-ek	-k	-ok	-k
Essive	ESS	-el	-l	-ol	-l
Instrumental (Comitative)	INS	-eri	-ri	-ora	-ra
Inessive	INE	-essi	-ssi	-ossa	-ssa
Adessive	ADE	-ezi	-zi	-oza	-za
Illative	ILL	-esti	-sti	-osta	-sta
Allative	ALL	-etti	-tti	-otta	-tta
Elative	ELA	-espi	-spi	-ospa	-spa
Ablative	ABL	-eppi	-ppi	-ompa	-mpa
Comparative	COMP	-enni	-nni	-onna	-nna
(Vocative)	VOC	-o	-jo		

Table 5.2. Case suffixes

#### 5.2.2.1. The Primary Cases

The primary cases indicate the morphosyntactic role of the noun with respect to the verb.

The *focal* cases mark the topic of the verb phrase. The role of the noun phrase marked as the focus is indicated on the verb, using the topical agreement suffixes as described in Section 4.4.2. This case has an additional form which is used when the focus of the verb phrase is already marked with one of the secondary cases, listed in Table 5.2 as FOC<sub>2</sub>.

The *nominative* case marks the voluntary experiencer of an intransitive verb, the agent of a transitive verb, or the donor of a ditransitive verb.

The *absolutive* case marks the involuntary experiencer of an intransitive verb, the patient of a transitive verb, or the recipient of a ditransitive verb.

The *secundative* case marks the theme of a ditransitive verb.

#### 5.2.2.2. The Secondary Cases

The secondary cases are mainly adpositional and locative cases.

The *genitive* case indicates the possessor of another noun. Pronominal possessors are indicated by means of a suffix on the possessed item.

The *essive* case indicates duration and time. It also indicates a temporary state of being or existence.

The *instrumental* case indicates the means by which the action is performed. It may also be used in a comitative sense, i.e. to indicate the person in whose company the action is carried out.

The *inessive* case indicates internal location.

The *adessive* case indicates external location.

The *illative* case indicates motion from the exterior to the interior.

The *allative* case indicates motion towards the noun.

The *elative* case indicates motion from the interior to the exterior.

The *ablative* case indicates motion away from the noun.

The *comparative* case indicates a likeness to something, or the standard to which something is compared.

A *vocative* case exists in some dialects, and is marginally used in the standard language.

#### 5.2.2.3. Use of the Locative Cases

The locative cases are logically grouped. There are two positions (internal and external) and three directions (static, movement towards and movement away). Combining these results in the six cases, illustrated in Table 5.3.

	Interior	Exterior
Static	Inessive	Adessive
Movement towards	Illative	Allative
Movement away	Elative	Ablative

Table 5.3. *Locative cases*

Finer distinctions in location are given with postpositions, which are described in ??.

### 5.2.3. State

Nouns in Qevesa have four possible ‘states’. Nominal states refer to different conditions of determinateness, which are differentiated primarily by clitics that precede the noun and any modifiers.

The *absolute* state (not to be confused with the *absolute case*) is the default citation form of the noun. It does not mark any form of determination, generally indicating that the noun is indefinite, and has no special markings.

The *definite* state marked the noun for definiteness, and functions similarly to the definite article in English. It has two forms, *a* and *az*, the former preceding consonants and the latter before vowels.

The *partitive* state makes the noun partitive. It functions broadly similarly to the English determiner ‘some’, but may also be required by some quantifiers. Like the definite state, it also has two forms, *mie* and *mies*.

The *negative* state negates the noun, and is distinct from negating the verb phrase. It is formed by the clitic *en*.

The clitics that indicate state are given in Table 5.4. The left column lists clitics that precede a consonant, and the right column lists clitics that precede a vowel.

State	Clitic
<b>Absolute</b> ABST	∅    ∅
<b>Definite</b> DEF	a    az
<b>Partitive</b> PART	mie    mies
<b>Negative</b> NEG	en    en

Table 5.4. *Noun state clitics*

## 5.3. Pronouns and Pronominal forms

Pronouns are roughly equivalent to nouns in terms of syntax and morphology. They serve as substitutes for other nouns or noun phrases that have previously been mentioned or can be inferred from context. There are a number of types of pronouns in Qevesa, including personal pronouns, demonstrative pronouns and interrogative pronouns.

### 5.3.1. Personal Pronouns

The personal pronouns stand in for other nouns, indicating that noun’s person, number and case. Most personal pronouns refer only to animate referents: a separate inanimate pronoun is used for inanimate referents. There are two first person plural pronouns, an inclusive, which includes the listener, and an exclusive, which does not.

Personal pronouns are declined to the primary cases by suffixation; other case constructions use a stem derived from the case ending combined with the suffix form of the pronoun. The suffix form is used to indicate possession; pronouns are not declined to the genitive case.

The base forms of the pronouns are given in Table 5.5, and the cases with personal suffixes are given in Table 5.6.

	Stem		Cases				
	Root	Suffix	FOC	NOM	ABS	SDT	GEN
1SG	je	-(a)i	je	jem	ješ	jeut	jek
2SG	tá	-ut	tá	tám	táš	tait	ták
3SG	mi	-im	mi	mim	miš	miot	miek
1DU;INC	ju	-iu, -iv	íva	jum	juš	ívot	ívek
1DU;EXC	če	-(e)če	čia	čem	čės	čeut	ček
2DU	tav	-(e)tu	táva	távam	távaš	távot	távek
3DU	miv	-(u)mi	miva	mivam	mivaš	mivot	mivek
1PL;INC	is	-isa, -si	ísa	ísam	ísaš	ísot	ísek
1PL;EXC	čes	-(e)če	česa	česam	česaš	česot	česek
2PL	tás	-(a)tá	tása	tásam	tásaš	tásot	tásek
3PL	mis	-(a)mi	misa	misam	misaš	misot	misek
INANIM;SG	han	-an, -n	hanna	hanom	hanoš	hanot	hanek
INANIM;DU	vina	-ve, -ve	vinna	vinom	vinoš	vinot	vinek
INANIM;PL	sina	-se, -se	sinna	sinom	sinoš	sinot	sinek

Table 5.5. *Personal pronouns*



		Cases								
		ESS	INS	INE	ADE	ILL	ALL	ELA	ABL	COMP
		<i>el-</i>	<i>ed-</i>	<i>ess-</i>	<i>ez-</i>	<i>est-</i>	<i>ett-</i>	<i>esp-</i>	<i>epp-</i>	<i>na-</i>
1SG	-(a)i	elai	erai	essai	ezai	estai	ettai	espai	eppai	nai
2SG	-ut	elut	erut	essut	ezut	estut	ettut	esput	epput	nát
3SG	-im	elim	erim	essim	ezim	estim	ettim	espm	eppim	naim
1DU;INC	-iva	eliva	eriva	essiva	eziva	estiva	ettiva	espiva	eppiva	naiva
1DU;EXC	-(e)čev	elečev	erečev	essečev	ezečev	estečev	ettečev	espečev	eppečev	načev
2DU	-(a)tuv	elatur	eratur	essatur	ezatur	estatur	ettatur	espatuv	eppatur	natuv
3DU	-(a)miv	elamiv	eramiv	essamiv	ezamiv	estamiv	ettamiv	espmiv	eppamiv	namiv
1PL;INC	-isa	elisa	erisa	essisa	ezisa	estisa	ettisa	espisa	eppisa	naisa
1PL;EXC	-(e)čes	elečes	erečes	essečes	ezečes	estečes	ettečes	espečes	eppečes	načes
2PL	-(a)tus	elatus	eratus	essatus	ezatus	estatus	ettatus	espatus	eppatus	natus
3PL	-(a)mis	elamis	eramis	essamis	ezamis	estamis	ettamis	espmis	eppamis	namis
		<i>ola-</i>	<i>oda-</i>	<i>ossa-</i>	<i>oza-</i>	<i>osta-</i>	<i>otta-</i>	<i>ospa-</i>	<i>ompa-</i>	<i>no-</i>
INANIM;SG	-.n	olán	orán	ossán	ozán	ostán	ottán	ospán	ompán	nón
INANIM;DU	-.ve	oláve	oráve	ossáve	ozáve	ostáve	ottáve	ospáve	ompáve	nóve
INANIM;PL	-.se	oláse	oráse	ossáse	ozáse	ostáse	ottáse	ospáse	ompáse	nóse

Table 5.6. Cases with personal suffixes

### 5.3.1.1. Possessive Suffixes

Pronominal genitive forms are rarely used when the possessor is animate; instead, nouns are marked with suffixes that indicate the possessor. There are several different possessive suffixes for each person, and the rules as to which is used when are complex. In general, the bracketed vowels are epenthetic, and are only inserted after a consonant. However, when the possessive suffix follows a number suffix, only one of those suffixes may contain an epenthetic vowel, with the exception of the first person singular, which always occurs as *-ai* after a consonant. The first person dual suffix *-iu* precedes a consonant, and *-iv* precedes a vowel.

In most cases, this rule results in there being at least two valid ways to combine a number suffix and a possessor suffix. However, different nouns may require different forms; which form a noun requires is unpredictable.

These suffixes also influence whether the vowel or consonant form of the following case suffix is used.

Complete tables of the regular noun suffix combinations are given in Appendix A.

### 5.3.2. Reflexive and Reciprocal Pronouns

Qevesa possesses a single reflexive pronoun, *meika* ‘self’, used to refer to something already mentioned. It inflects with the personal suffixes to agree in person with its antecedent. A related pronoun is the reciprocal pronoun *mokhem*, which does not take personal suffixes.

### 5.3.3. Demonstrative and Correlative Pronouns

Qevesa has three degrees of demonstrative pronouns, as well as an interrogative series.

#### Proximal

The proximal series refers to things closer to the speaker than the listener;

#### Medial

The medial series refers to things closer to the listener than the speaker; and

#### Distal

The distal series refers to things that are far from both speaker and listener.

Demonstrative pronouns must agree in number and case with their antecedent, unlike all other types of modifiers, such as adjectives.

The demonstrative pronouns are listed in Table 5.7.

			Proximal	Medial	Distal	Interrogative
			PROX	MED	DIST	INT
			<i>co-</i>	<i>ko-</i>	<i>tha-</i>	<i>ve-</i>
<b>Animate</b>	HUM	<i>-uka</i>	couka	kouka	thauka	veuka
<b>Inanimate</b>	NH	<i>-ina</i>	coina	koina	thaina	veina
<b>Location</b>	LOC	<i>-zie</i>	cozie	kozie	thazie	vezia
<b>Source</b>	SRC	<i>-spe</i>	cospe	kospe	thaspe	vespa
<b>Destination</b>	DEST	<i>-tte</i>	cotte	kotte	thatte	vetta
<b>Time</b>	TIME	<i>-lle</i>	colle	kolle	thalle	vella
<b>Manner</b>	MAN	<i>-ru</i>	coru	koru	tharu	vera

Table 5.7. *Demonstrative pronouns*

## 5.4. Postpositions

As a left-branching language, Qevesa tends to use postpositions almost exclusively. Many postpositions are inflected for case, and require the complement after which they are placed to adopt a particular case form as well.



## 6. Adjectival Morphology

*To be written...:* This is all out-of-date. Qevesa possesses two types of words that could be loosely described as adjectives:

**Adjectival Verbs** are stative verbs, that are derived from the Form 7 root.

**Attributives** are plain adjectives, and may be derived from a number of different root forms.

Adjectives possess a number of unique features: they can be directly marked for polarity, and they may also be marked for degree.

### 6.1. Types of Adjectival Forms

#### 6.1.1. Attributives

Attributives may be derived from a number of different root forms, and accordingly have a number of transfix patterns. Common patterns include the *passive participle*  $C_1oC_2C_3i$ , and the *verbal noun*  $C_1aC_2C_3u$ . However, it is impossible to predict which form a root will take as the distribution is entirely arbitrary.

### 6.2. Adjectival Inflection

Adjectives inflect for polarity and degree. The structure of an adjective is:

(4) SUPL-*stem*-COMP-POLARITY

The adjectival stem is its base conjugated form, so for an attributive verb, this would include the aspectual, topical and modal marking.

#### 6.2.1. Degree

Qevesa adjectives inflect to three degrees of comparison: comparative, superlative and exaggerated. These are indicated by a combination of prefixes and suffixes, which are listed in Table 6.1. Alternatively, the affixes can precede the adjective as an adverbial construction. This is preferred for predicative attributive sentences.

Degree		Prefix	Suffix	Adverb
Comparative	COMP	Ø	-vén	vén
Superlative	SUPL	ko-	-vén	kovén
Exaggerated	EXAG	los-	-vén	losvén

Table 6.1. *Adjectival degree adverbs*

- (5) a. *Cavíkja náj vén tiemusiš.*  
*Cavík-j-a náj vén tiemusi-š*  
 friend-1SG;POS-FOC COMP.1SG COMP tall\PRS-ASG;ABS  
 friend my than me (more) tall is  
 My friend is taller than me.
- b. *Cavíkja náj tiemusišvén.*  
*Cavík-j-a náj tiemusi-š-vén*  
 friend-1SG;POS-FOC COMP.1SG tall\PRS-ASG;ABS-COMP  
 friend my than me taller is  
 My friend is taller than me.

### 6.2.2. Polarity

The attributive adjectives can be directly inflected for polarity. Both affirmative and negative suffixes exist, although the affirmative form is only used when emphasising the existence of the adjectival property. The suffixes for polarity are given in Table 6.2.

Adjectival verbs are marked for polarity similarly to other verbs. The infinitive stem is marked with the affirmative or negative suffix, and the corresponding auxiliary verb is conjugated to the desired aspectual, personal and modal form.

<b>Affirmative</b>	AFF	-zor
<b>Negative</b>	NEG	-xa

Table 6.2. *Adjectival polarity suffixes*

- (6) a. T-M-S *tiemusu*, ‘to be tall’:  
*tomsí tomsízor tomsíxa*  
*tomsí tomsízor tomsíxa*  
*tall tall-AFF tall-NEG*  
 ‘tall’ ‘very tall’ ‘not tall’
- b. *Cavíkja tiemusuxa nukiš.*

*Cavík-j-a*                      *tiemusu-xa*    *nuki-š*  
 friend-1SG;POS-FOC tall\INF2-NEG not\PRS-ASG;ABS-NEG  
 friend my                      tall not                      is not  
 My friend is not tall.





## 7. Numerals

Qevesa, in common with other Teralo languages, uses a duodecimal or base-12 number system for both integers and fractions.

### 7.1. Cardinals

The base number words are the cardinal numerals. With the exception of a *nak* (“zero, none”), the stems for numerals cannot be composed into consonantal roots. The cardinals from  $0_{10}$  to  $21_{10}$  are listed in Table 7.1.

<i>Cardinal</i>	Cardinal
0 nax	10 ševa
1 sen	11 ševasen
2 heti	12 ševaheti
3 koro	13 ševakoro
4 qese	14 ševaqese
5 neca	15 ševaneca
6 zum	16 ševazum
7 ikuš	17 ševaikuš
8 soppi	28 ševasoppi
9 jokka	29 ševajokka
A mieri	2A ševamieri
B túre	2B ševatúre

Table 7.1. *Cardinal numerals from  $0_{10}$  to  $23_{10}$*

Numerals from  $20_{12}$  to  $B0_{12}$  are suffixed with *-ša*:

- (7) 20<sub>12</sub> *hetiša*  
 30<sub>12</sub> *koroša*  
 40<sub>12</sub> *qeseša*  
 50<sub>12</sub> *necaša*  
 70<sub>12</sub> *ikušša*  
 A0<sub>12</sub> *mieriša*  
 BB<sub>12</sub> *túreša-túre*

Numerals from 100<sub>12</sub> to B00<sub>12</sub> are suffixed with *-toc*:

- (8) 100<sub>12</sub> *sentoc*  
 200<sub>12</sub> *hettoc*  
 300<sub>12</sub> *korotoc*  
 409<sub>12</sub> *qesetoc-jokka*  
 752<sub>12</sub> *ikuštoc-necaša-heti*

Numerals from 1000<sub>12</sub> to B000<sub>12</sub> use the suffix *-síva*:

- (9) 1000<sub>12</sub> *sensíva*  
 2000<sub>12</sub> *hetsíva*  
 4000<sub>12</sub> *qesesíva*  
 8603<sub>12</sub> *soppisíva-zumtoc-koro*  
 10,000<sub>12</sub> *ševasíva*  
 17,029<sub>12</sub> *ševaikušsíva-hetiša-jokka*  
 50,000<sub>12</sub> *necašasíva*  
 93,487<sub>12</sub> *jokkaša-korosíva qesetoc-soppiša-ikuš*  
 100,000<sub>12</sub> *sentocsíva*  
 582,196<sub>12</sub> *necatoc-soppiša-hetsíva sentoc-jokkaša-zum*

Numerals from 10<sup>6</sup><sub>12</sub> to 10<sup>12</sup><sub>12</sub>-1 are formed by the addition of the suffix *-múl*:

- (10) 1·10<sup>6</sup><sub>12</sub> *semmúl* (\**senmúl*)  
 2·10<sup>6</sup><sub>12</sub> *hetimúl*  
 70·10<sup>6</sup><sub>12</sub> *ikuššamúl*  
 300·10<sup>6</sup><sub>12</sub> *korotocmúl*  
 419,203,52A<sub>12</sub> *qesetoc-ševasoppimúl hettoc-korosíva necatoc-hetiša-mieri*  
 900,000,000,000<sub>12</sub> *jokkatocsívamúl*

Using this system alone, it is possible to count up to 1BBB,BBB,BBB,BBB<sub>12</sub>, or 17,832,200,896,511<sub>10</sub><sup>1</sup>.

## 7.2. Ordinals

The ordinal numerals are formed by appending the suffix *-ik* to the number word. For large numerals, the suffix is applied to the last word in the sequence. The ordinals from \*0<sup>th</sup> to 23<sub>10</sub><sup>st</sup> are given in Table 7.2.

Ordinal		Ordinal	
0	naxik	12 <sub>10</sub>	ševaik
1	senik	13 <sub>10</sub>	ševasenik
2	hetik	14 <sub>10</sub>	ševahetik
3	koroik	15 <sub>10</sub>	ševakoroik
4	qeseik	16 <sub>10</sub>	ševaqeseik
5	necaik	17 <sub>10</sub>	ševanecaik
6	zumik	18 <sub>10</sub>	ševazumik
7	ikušik	19 <sub>10</sub>	ševaikušik
8	soppík	20 <sub>10</sub>	ševasoppík
9	jokkaik	21 <sub>10</sub>	ševajokkaik
10 <sub>10</sub>	merík	22 <sub>10</sub>	ševamerík
11 <sub>10</sub>	túreik	23 <sub>10</sub>	ševatúreik

Table 7.2. Ordinal numerals from 0<sub>10</sub> to 23<sub>10</sub>

## 7.3. Multiplicatives

Numerals in Qevesa also have a special form for multiplicatives, formed by appending the suffix *-mi*. If the numeral stem ends in a consonant, an epenthetic vowel identical to the nucleus vowel of the previous syllable is inserted. The multiplicative numbers from 0<sub>10</sub> to 23<sub>10</sub> are listed in Table 7.3.

The multiplicative forms are used both in a repetitive and mathematical sense:

(11) *EXAMPLES*

## 7.4. Fractions

Fractions are formed by appending the suffix *-Vna* where *V* is the nucleus vowel of the previous syllable. The fractional numbers from 0<sub>10</sub> to 21<sub>10</sub> are listed in Table 7.1.

<sup>1</sup>In full, this is *ševatúretoc-túreša-túresívamúl túretoc-túreša-túremúl túretoc-túreša-túresíva túretoc-túreša-túre*

Multiplicative		Multiplicative	
0×	naxami	12×	ševami
1×	senemi	13×	ševasenemi
2×	hetimi	14×	ševahetimi
3×	koromi	15×	ševakoromi
4×	qesemi	16×	ševaqesemi
5×	necami	17×	ševanecami
6×	zumumi	18×	ševazumumi
7×	ikušumi	19×	ševaikušumi
8×	soppimi	20×	ševasoppimi
9×	jokkami	21×	ševajokkami
10 <sub>10</sub> ×	mierimi	22×	ševamierimi
11 <sub>10</sub> ×	túremi	23×	ševatúremi

Table 7.3. *Multiplicative numerals from 0<sub>10</sub> to 23<sub>10</sub>*

Fractional		Fractional	
<sup>1</sup> / <sub>0</sub>	*naxana	<sup>1</sup> / <sub>12</sub>	ševana
<sup>1</sup> / <sub>1</sub>	*senna	<sup>1</sup> / <sub>13</sub>	ševasenna
<sup>1</sup> / <sub>2</sub>	hetina	<sup>1</sup> / <sub>14</sub>	ševahetina
<sup>1</sup> / <sub>3</sub>	korona	<sup>1</sup> / <sub>15</sub>	ševakorona
<sup>1</sup> / <sub>4</sub>	qesena	<sup>1</sup> / <sub>16</sub>	ševaqesena
<sup>1</sup> / <sub>5</sub>	necana	<sup>1</sup> / <sub>18</sub>	ševanecana
<sup>1</sup> / <sub>6</sub>	zumuna	<sup>1</sup> / <sub>17</sub>	ševazumuna
<sup>1</sup> / <sub>7</sub>	ikušuna	<sup>1</sup> / <sub>19</sub>	ševaikušuna
<sup>1</sup> / <sub>8</sub>	soppina	<sup>1</sup> / <sub>20</sub>	ševasoppina
<sup>1</sup> / <sub>9</sub>	jokkana	<sup>1</sup> / <sub>21</sub>	ševajokkana
<sup>1</sup> / <sub>10</sub>	mierina	<sup>1</sup> / <sub>22</sub>	ševamierina
<sup>1</sup> / <sub>11</sub>	túrena	<sup>1</sup> / <sub>23</sub>	ševatúrena

Table 7.4. *Fractional numerals from 0<sub>10</sub> to 23<sub>10</sub>*

The numerator of a fraction precedes the denominator and is in the ordinal form:

- (12) a. *ikušik ševana*  
*ikuš-ik ševa-na*  
 seven-ORD twelve-FRAC  
 seven twelfth  
 seven-twelfths
- b. *hetik korona litasevok*  
*het-ik koro-na litas-ev-ok*  
 two-ORD three-FRAC bread-DU-GEN  
 two third bread  
 two-thirds of bread

If the denominator of a fraction is a compound number, the fractional suffix is appended to the final word in the sequence:

- (13) a. *zumšana*  
*zumša-na*  
 sixty-FRAC  
 sixtieth  
 (a) sixtieth
- b. *soppík hetišana*  
*soppi-ik heti-ša-na*  
 eight-ORD two-dozen-FRAC  
 eight twenty-fourths  
 eight twenty-fourths

More complex fractions *are yet to be written about... in particular, I need:*

- *Integer ± unit fraction*
- *Integer × unit fraction*



## 8. Constituent Order Typology

The preceding chapters dealt primarily with the morphology of Qevesa, with only occasional references to principles of usage. All major aspects of word formation have been covered. The focus of this document shifts to syntax: how the language assembles words into meaningful sentences.

### 8.1. Main Clauses

Qevesa syntax is fairly fluid, and tends towards being largely left-branching or head-final. The only strict requirement of a sentence is that the verb must occur last, and that the topic, if present, must be first. All other elements may be freely ordered by importance. The general word order is thus *TOPIC–COMMENT–VERB*.

#### 8.1.1. Topic Marking

Qevesa is a *topic-prominent* language, which means that the topic is semantically the most important argument of the verb. The topic is indicated by the noun phrase in the nominative case, with the syntactic role marked on the verb. Any of the constituent phrases can be marked as the topic; it usually consists of the element that the speaker considers to be the most important.

Qevesa verbs must agree in person and number with the topic of the sentence. Verbs are marked for the syntactic role of the topic; when this marking indicates a sufficient degree of information, such as a pronoun in the first or second person, the topical phrase may be omitted.

### 8.2. Verb Phrase

Transitive verb phrases in Qevesa typically consist of just a verb. *To be written...*

**8.3. Noun Phrase**

**8.4. Adpositional phrase**

**8.5. Comparative constructions**

**8.6. Questions and interrogative constructions**



## Appendix A. Noun Suffix Tables

This appendix lists the most common forms that noun suffixes can take. The first person dual and plural exclusive possessive suffixes are identical, as are the third person dual/plural suffixes. Singulative nouns with a third person plural possessor elide the *-n-* of the singulative suffix.

All of these tables omit the second focal case marker, which would simply suffix *-a*, *-on* or *-n*, depending on the animacy of the noun and whether the preceding letter is a vowel or consonant.

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Focal	NAT	-a	-ai	-uta	-ima	-iva	-etua	-isa	-ečé	-atá	-amia
	SGV	-ena	-enai	-enta	-enima	-eniva	-entua	-enisa	-enčé	-entá	-emia
	DU	-eva	-evai	-evta	-evima	-eviva	-evtua	-evisa	-evčé	-evtá	-evmia
	PL	-esa	-esai	-esta	-esima	-esiva	-estua	-esisa	-esčé	-está	-esmia
Nominative	NAT	-am	-aim	-utam	-imam	-ium	-etum	-isam	-ečem	-atám	-amim
	SGV	-enam	-enaim	-entam	-enimam	-enium	-entum	-ensim	-enčem	-entám	-emim
	DU	-evam	-evaim	-evtam	-evimam	-evium	-evtum	-evsim	-evčem	-evtám	-evmim
	PL	-esam	-esaim	-estam	-esimam	-esium	-estum	-essim	-esčem	-estám	-esmim
Absolute	NAT	-aš	-aiš	-utaš	-imaš	-iuš	-etuš	-isaš	-ečeš	-atáš	-amiš
	SGV	-enaš	-enaiš	-entaš	-enimaš	-eniuš	-entuš	-ensiš	-enčeš	-entáš	-emiš
	DU	-evaš	-evaiš	-evtaš	-evimaš	-eviuš	-evtuš	-evsiš	-evčeš	-evtáš	-evmiš
	PL	-esaš	-esaiš	-estaš	-esimaš	-esiuš	-estuš	-essiš	-esčeš	-estáš	-esmiš

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Secundative	NAT	-ot	-ait	-utat	-imat	-iut	-etut	-isat	-ečet	-atát	-amit
	SGV	-enot	-enait	-entat	-enimat	-eniut	-entut	-ensit	-enčet	-entát	-emit
	DU	-evot	-evait	-evtat	-evimat	-eviut	-evtut	-evsit	-evčet	-evtát	-evmit
	PL	-esot	-esait	-estat	-esimat	-esiut	-estut	-essit	-esčet	-estát	-esmit
Genetive	NAT	-ek	-aik	-utak	-imak	-iuk	-etuk	-isak	-eček	-aták	-amik
	SGV	-enek	-enaik	-entak	-enimak	-eniuk	-entuk	-ensik	-enček	-enták	-emik
	DU	-evək	-evaik	-evtak	-evimak	-eviuk	-evtuk	-evsik	-evček	-evták	-evmik
	PL	-esək	-esaik	-estak	-esimak	-esiuk	-estuk	-essik	-esček	-esták	-esmik
Essive	NAT	-el	-ail	-utal	-imal	-iul	-etul	-isal	-ečel	-atál	-amil
	SGV	-enel	-enail	-ental	-enimal	-eniul	-entul	-ensil	-enčel	-entál	-emil
	DU	-evel	-evail	-evtal	-evimal	-eviul	-evtul	-evsil	-evčel	-evtál	-evmil
	PL	-esel	-esail	-estal	-esimal	-esiul	-estul	-essil	-esčel	-estál	-esmil
Instrumental	NAT	-eri	-airi	-utari	-imari	-iuri	-eturi	-isari	-ečeri	-atári	-amiri
	SGV	-eneri	-enairi	-entari	-enimari	-eniuri	-enturi	-ensiri	-enčeri	-entári	-emiri
	DU	-everi	-evairi	-evtari	-evimari	-eviuri	-evturi	-evsiri	-evčeri	-evtári	-evmiri
	PL	-eseri	-esairi	-estari	-esimari	-esiuri	-esturi	-essiri	-esčeri	-estári	-esmiri
Inessive	NAT	-essi	-aissi	-utassi	-imassi	-iussi	-etussi	-isassi	-ečessi	-atássi	-amissi
	SGV	-enessi	-enaissi	-entassi	-enimassi	-eniussi	-entussi	-ensissi	-enčessi	-entássi	-emissi
	DU	-evessi	-evaissi	-evtassi	-evimassi	-eviuissi	-evtussi	-evsissi	-evčessi	-evtássi	-evmissi
	PL	-esessi	-esaissi	-estassi	-esimassi	-esiuissi	-estussi	-essissi	-esčessi	-estássi	-esmissi

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Adessive	NAT	-ezi	-aizi	-utazi	-imazi	-iuzi	-etuzi	-isazi	-ečezi	-atázi	-amizi
	SGV	-enezi	-enaizi	-entazi	-enimazi	-eniuzi	-entuzi	-ensizi	-enčezi	-entázi	-emizi
	DU	-evezi	-evaizi	-evtazi	-evimazi	-eviuzi	-evtuzi	-evsizi	-evčezi	-evtázi	-evmizi
	PL	-esezi	-esaizi	-estazi	-esimazi	-esiuzi	-estuzi	-essizi	-esčezi	-estázi	-esmizi
Illative	NAT	-esti	-aisti	-utasti	-imasti	-iusti	-etusti	-isasti	-ečesti	-atásti	-amisti
	SGV	-enesti	-enaisti	-entasti	-enimasti	-eniusti	-entusti	-ensisti	-enčesti	-entásti	-emisti
	DU	-evesti	-evaisti	-evtasti	-evimasti	-eviusti	-evtusti	-evsisti	-evčesti	-evtásti	-evmisti
	PL	-esesti	-esaisti	-estasti	-esimasti	-esiusti	-estusti	-essisti	-esčesti	-estásti	-esmisti
Allative	NAT	-etti	-aitti	-utatti	-imatti	-iutti	-etutti	-isatti	-ečetti	-atátti	-amitti
	SGV	-enetti	-enaitti	-entatti	-enimatti	-eniutti	-entutti	-ensitti	-enčetti	-entátti	-emitti
	DU	-evetti	-evaitti	-evtatti	-evimatti	-eviutti	-evtutti	-evsitti	-evčetti	-evtátti	-evmitti
	PL	-esetti	-esaitti	-estatti	-esimatti	-esiutti	-estutti	-essitti	-esčetti	-estátti	-esmitti
Elativ	NAT	-espi	-aispi	-utaspi	-imaspi	-iuspi	-etuspi	-isaspi	-ečespi	-atáspi	-amispi
	SGV	-enespi	-enaispi	-entaspi	-enimaspi	-eniuspi	-entuspi	-ensispi	-enčespi	-entáspi	-emispi
	DU	-evespi	-evaispi	-evtaspi	-evimaspi	-eviuspi	-evtuspi	-evsispi	-evčespi	-evtáspi	-evmispi
	PL	-esespi	-esaispi	-estaspi	-esimaspi	-esiuspi	-estuspi	-essispi	-esčespi	-estáspi	-esmispi
Ablative	NAT	-eppi	-aippi	-utappi	-imappi	-iuppi	-etuppi	-isappi	-ečeppi	-atáppi	-amippi
	SGV	-eneppi	-enaippi	-entappi	-enimappi	-eniuppi	-entuppi	-ensippi	-enčeppi	-entáppi	-emippi
	DU	-eveppi	-evaippi	-evtappi	-evimappi	-eviuppi	-evtuppi	-evsippi	-evčeppi	-evtáppi	-evmippi
	PL	-eseppi	-esaippi	-estappi	-esimappi	-esiuppi	-estuppi	-essippi	-esčeppi	-estáppi	-esmippi

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Comparative	NAT	-enni	-ainni	-utanni	-imanni	-iunni	-etunni	-isanni	-ečenni	-atánni	-aminni
	SGV	-enenni	-enainni	-entanni	-enimanni	-eniunni	-entunni	-ensinni	-enčenni	-entánni	-eminni
	DU	-evenni	-evainni	-evtanni	-evimanni	-eviunni	-evtunni	-evsinni	-evčenni	-evtánni	-evminni
	PL	-esenni	-esainni	-estanni	-esimanni	-esiunni	-estunni	-essinni	-esčenni	-estánni	-esminni

Table A.1. *Consonant-final animate noun suffixes*

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Focal	NAT	-∅	-i	-uta	-ima	-iva	-tua	-isa	-čé	-tá	-mia
	SGV	-na	-nai	-nta	-nima	-niva	-ntua	-nisa	-nčé	-ntá	-mia
	DU	-va	-vai	-vta	-vima	-viva	-vtua	-visa	-včé	-vtá	-vmia
	PL	-sa	-sai	-sta	-sima	-siva	-stua	-sisa	-sčé	-stá	-smia
Nominative	NAT	-m	-im	-utam	-imam	-ivam	-tum	-isam	-čem	-tám	-mim
	SGV	-nam	-naim	-ntam	-nimam	-nium	-ntum	-nsim	-nčem	-ntám	-mim
	DU	-vam	-vaim	-vtam	-vimam	-vium	-vtum	-vsim	-včem	-vtám	-vmim
	PL	-sam	-saim	-stam	-simam	-sium	-stum	-ssim	-sčem	-stám	-smim
Absolutive	NAT	-aš	-iš	-utaš	-imaš	-ivaš	-tuš	-isaš	-češ	-táš	-miš
	SGV	-naš	-naiš	-ntaš	-nimaš	-niuš	-ntuš	-nsiš	-nčeš	-ntáš	-miš
	DU	-vaš	-vaiš	-vtaš	-vimaš	-viuš	-vtuš	-vsiš	-včeš	-vtáš	-vmiš
	PL	-saš	-saiš	-staš	-simaš	-siuš	-stuš	-ssiš	-sčeš	-stáš	-smiš

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Secundative	NAT	-ot	-it	-utat	-imat	-ivat	-tut	-isat	-čet	-tát	-mit
	SGV	-not	-nait	-ntat	-nimat	-niut	-ntut	-nsit	-nčet	-ntát	-mit
	DU	-vot	-vait	-vtat	-vimat	-viut	-vtut	-vsit	-včet	-vtát	-vmit
	PL	-sot	-sait	-stat	-simat	-siut	-stut	-ssit	-sčet	-stát	-smit
Genetive	NAT	-ek	-ik	-utak	-imak	-ivak	-tuk	-isak	-ček	-ták	-mik
	SGV	-nek	-naik	-ntak	-nimak	-niuk	-ntuk	-nsik	-nček	-nták	-mik
	DU	-vek	-vaik	-vtak	-vimak	-viuk	-vtuk	-vsik	-vček	-vták	-vmik
	PL	-sek	-saik	-stak	-simak	-siuk	-stuk	-ssik	-sček	-sták	-smik
Essive	NAT	-el	-il	-utal	-imal	-ival	-tul	-isal	-čel	-tál	-mil
	SGV	-nel	-nail	-ntal	-nimal	-niul	-ntul	-nsil	-nčel	-ntál	-mil
	DU	-vel	-vail	-vtal	-vimal	-viul	-vtul	-vsil	-včel	-vtál	-vmil
	PL	-sel	-sail	-stal	-simal	-siul	-stul	-ssil	-sčel	-stál	-smil
Instrumental	NAT	-eri	-iri	-utari	-imari	-ivari	-turi	-isari	-čeri	-tári	-miri
	SGV	-neri	-nairi	-ntari	-nimari	-niuri	-nturi	-nsiri	-nčeri	-ntári	-miri
	DU	-veri	-vairi	-vtari	-vimari	-viuri	-vturi	-vsiri	-včeri	-vtári	-vmiri
	PL	-seri	-sairi	-stari	-simari	-siuri	-sturi	-ssiri	-sčeri	-stári	-smiri
Inessive	NAT	-ssi	-issi	-utassi	-imassi	-ivassi	-tussi	-isassi	-čessi	-tássi	-missi
	SGV	-nessi	-naissi	-ntassi	-nimassi	-niussi	-ntussi	-nsissi	-nčessi	-ntássi	-missi
	DU	-vessi	-vaissi	-vtassi	-vimassi	-viussi	-vtussi	-vsissi	-včessi	-vtássi	-vmissi
	PL	-sessi	-saissi	-stassi	-simassi	-siussi	-stussi	-ssissi	-sčessi	-stássi	-smissi

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Adessive	NAT	-ezi	-izi	-utazi	-imazi	-ivazi	-tuzi	-isazi	-čezi	-tázi	-mizi
	SGV	-nezi	-naizi	-ntazi	-nimazi	-niuzi	-ntuzi	-nsizi	-nčezi	-ntázi	-mizi
	DU	-vezi	-vaizi	-vtazi	-vimazi	-viuzi	-vtuzi	-vsizi	-včezi	-vtázi	-vmizi
	PL	-sezi	-saizi	-stazi	-simazi	-siuzi	-stuzi	-ssizi	-sčezi	-stázi	-smizi
Illative	NAT	-sti	-isti	-utasti	-imasti	-ivasti	-tusti	-isasti	-česti	-tásti	-misti
	SGV	-nesti	-naisti	-ntasti	-nimasti	-niusti	-ntusti	-nsisti	-nčesti	-ntásti	-misti
	DU	-vesti	-vaisti	-vtasti	-vimasti	-viusti	-vtusti	-vsisti	-včesti	-vtásti	-vmisti
	PL	-sesti	-saisti	-stasti	-simasti	-siusti	-stusti	-ssisti	-sčesti	-stásti	-smisti
Allative	NAT	-tti	-itti	-utatti	-imatti	-ivatti	-tutti	-isatti	-četti	-tátti	-mitti
	SGV	-netti	-naitti	-ntatti	-nimatti	-niutti	-ntutti	-nsitti	-nčetti	-ntátti	-mitti
	DU	-vetti	-vaitti	-vtatti	-vimatti	-viutti	-vtutti	-vsitti	-včetti	-vtátti	-vmitti
	PL	-setti	-saitti	-statti	-simatti	-siutti	-stutti	-ssitti	-sčetti	-státti	-smitti
Elative	NAT	-spi	-ispi	-utaspi	-imaspi	-ivaspi	-tuspi	-isaspi	-čespi	-táspi	-mispi
	SGV	-nespi	-naispi	-ntaspi	-nimaspi	-niuspi	-ntuspi	-nsispi	-nčespi	-ntáspi	-mispi
	DU	-vespi	-vaispi	-vtaspi	-vimaspi	-viuspi	-vtuspi	-vsispi	-včespi	-vtáspi	-vmispi
	PL	-sespi	-saispi	-staspi	-simaspi	-siuspi	-stuspi	-ssispi	-sčespi	-stáspi	-smispi
Ablative	NAT	-eppi	-ippi	-utappi	-imappi	-ivappi	-tuppi	-isappi	-čeppi	-táppi	-mippi
	SGV	-neppi	-naippi	-ntappi	-nimappi	-niuppi	-ntuppi	-nsippi	-nčeppi	-ntáppi	-mippi
	DU	-veppi	-vaippi	-vtappi	-vimappi	-viuppi	-vtuppi	-vsippi	-včeppi	-vtáppi	-vmippi
	PL	-seppi	-saippi	-stappi	-simappi	-siuppi	-stuppi	-ssippi	-sčeppi	-stáppi	-smippi

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Comparative	NAT	-nni	-inni	-utanni	-imanni	-ivanni	-tunni	-isanni	-čenni	-tánni	-minni
	SGV	-nenni	-nainni	-ntanni	-nimanni	-niunni	-ntunni	-nsinni	-nčenni	-ntánni	-minni
	DU	-venni	-vainni	-vtanni	-vimanni	-viunni	-vtunni	-vsinni	-včenni	-vtánni	-vminni
	PL	-senni	-sainni	-stanni	-simanni	-siunni	-stunni	-ssinni	-sčenni	-stánni	-sminni

Table A.2. *Vowel-final animate noun suffixes*

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Focal	NAT	-a	-ai	-uta	-ima	-iva	-etua	-isa	-ečé	-atá	-amia
	SGV	-ena	-enai	-enta	-enima	-eniva	-entua	-enisa	-enčé	-entá	-emia
	DU	-eva	-evai	-evta	-evima	-eviva	-evtua	-evisa	-evčé	-evtá	-evmia
	PL	-esa	-esai	-esta	-esima	-esiva	-estua	-esisa	-esčé	-está	-esmia
Nominative	NAT	-om	-aim	-utam	-imam	-ium	-etum	-isam	-ečem	-atám	-amim
	SGV	-enam	-enaim	-entam	-enimam	-enium	-entum	-ensim	-enčem	-entám	-emim
	DU	-evam	-evaim	-evtam	-evimam	-evium	-evtum	-evsim	-evčem	-evtám	-evmim
	PL	-esam	-esaim	-estam	-esimam	-esium	-estum	-essim	-esčem	-estám	-esmim
Absolutive	NAT	-oš	-aiš	-utaš	-imaš	-iuš	-etuš	-isaš	-ečeš	-ataš	-amiš
	SGV	-enaš	-enaiš	-entaš	-enimaš	-eniuš	-entuš	-ensiš	-enčeš	-entáš	-emiš
	DU	-evaš	-evaiš	-evtaš	-evimaš	-eviuš	-evtuš	-evsiš	-evčeš	-evtaš	-evmiš
	PL	-esaš	-esaiš	-estaš	-esimaš	-esiuš	-estuš	-essiš	-esčeš	-estáš	-esmiš

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Secundative	NAT	-ot	-ait	-utat	-imat	-iut	-etut	-isat	-ečet	-atát	-amit
	SGV	-enot	-enait	-entat	-enimat	-eniut	-entut	-ensit	-enčet	-entát	-emit
	DU	-evot	-evait	-evtat	-evimat	-eviut	-evtut	-evsit	-evčet	-evtát	-evmit
	PL	-esot	-esait	-estat	-esimat	-esiut	-estut	-essit	-esčet	-estát	-esmit
Genetive	NAT	-ok	-aik	-utak	-imak	-iuk	-etuk	-isak	-eček	-aták	-amik
	SGV	-enok	-enaik	-entak	-enimak	-eniuk	-entuk	-ensik	-enček	-enták	-emik
	DU	-evok	-evaik	-evtak	-evimak	-eviuk	-evtuk	-evsik	-evček	-evták	-evmik
	PL	-esok	-esaik	-estak	-esimak	-esiuk	-estuk	-essik	-esček	-esták	-esmik
Essive	NAT	-ol	-ail	-utal	-imal	-iul	-etul	-isal	-ečel	-atál	-amil
	SGV	-enol	-enail	-ental	-enimal	-eniul	-entul	-ensil	-enčel	-entál	-emil
	DU	-evol	-evail	-evtal	-evimal	-eviul	-evtul	-evsil	-evčel	-evtál	-evmil
	PL	-esol	-esail	-estal	-esimal	-esiul	-estul	-essil	-esčel	-estál	-esmil
Instrumental	NAT	-ora	-aira	-utara	-imara	-iura	-etura	-isara	-ečera	-atára	-amira
	SGV	-enora	-enaira	-entara	-enimara	-eniura	-entura	-ensira	-enčera	-entára	-emira
	DU	-evora	-evaira	-evtara	-evimara	-eviura	-evtura	-evsira	-evčera	-evtára	-evmira
	PL	-esora	-esaira	-estara	-esimara	-esiura	-estura	-essira	-esčera	-estára	-esmira
Inessive	NAT	-ossa	-aissa	-utassa	-imassa	-iussa	-etussa	-isassa	-ečessa	-atássa	-amissa
	SGV	-enossa	-enaissa	-entassa	-enimassa	-eniussa	-entussa	-ensissa	-enčessa	-entássa	-emissa
	DU	-evossa	-evaissa	-evtassa	-evimassa	-eviussa	-evtussa	-evsissa	-evčessa	-evtássa	-evmissa
	PL	-esossa	-esaissa	-estassa	-esimassa	-esiussa	-estussa	-essissa	-esčessa	-estássa	-esmissa



Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Adessive	NAT	-oza	-aiza	-utaza	-imaza	-iuza	-etuza	-isaza	-ečeza	-atáza	-amiza
	SGV	-enoza	-enaiza	-entaza	-enimaza	-eniuza	-entuza	-ensiza	-enčeza	-entáza	-emiza
	DU	-evoza	-evaiza	-evtaza	-evimaza	-eviuza	-evtuz	-evsiza	-evčeza	-evtáza	-evmiza
	PL	-esoza	-esaiza	-estaza	-esimaza	-esiuza	-estuza	-essiza	-esčeza	-estáza	-esmiza
Illative	NAT	-osta	-aista	-utasta	-imasta	-iusta	-etusta	-isasta	-ečesta	-atásta	-amista
	SGV	-enosta	-enaista	-entasta	-enimasta	-eniusta	-entusta	-ensista	-enčesta	-entásta	-emista
	DU	-evosta	-evaista	-evtasta	-evimasta	-eviusta	-evtusta	-evsista	-evčesta	-evtásta	-evmista
	PL	-esosta	-esaista	-estasta	-esimasta	-esiusta	-estusta	-essista	-esčesta	-estásta	-esmista
Allative	NAT	-otta	-aitta	-utatta	-imatta	-iutta	-etutta	-isatta	-ečetta	-atátta	-amitta
	SGV	-enotta	-enaitta	-entatta	-enimatta	-eniutta	-entutta	-ensitta	-enčetta	-entátta	-emitta
	DU	-evotta	-evaitta	-evtatta	-evimatta	-eviutta	-evtutta	-evsitta	-evčetta	-evtátta	-evmitta
	PL	-esotta	-esaitta	-estatta	-esimatta	-esiutta	-estutta	-essitta	-esčetta	-estátta	-esmitta
Elicative	NAT	-ospa	-aispa	-utaspa	-imaspa	-iuspa	-etuspa	-isaspa	-ečespa	-atáspa	-amispa
	SGV	-enospa	-enaispa	-entaspa	-enimaspa	-eniuspa	-entuspa	-ensispa	-enčespa	-entáspa	-emispa
	DU	-evospa	-evaispa	-evtaspa	-evimaspa	-eviuspa	-evtuspa	-evsispa	-evčespa	-evtáspa	-evmispa
	PL	-esospa	-esaispa	-estaspa	-esimaspa	-esiuspa	-estuspa	-essispa	-esčespa	-estáspa	-esmispa
Ablative	NAT	-ompa	-aimpa	-utampa	-imampa	-iumpa	-etumpa	-isampa	-ečempa	-atámpa	-amimpa
	SGV	-enompa	-enaimpa	-entampa	-enimampa	-eniumpa	-entumpa	-ensimpa	-enčempa	-entámpa	-emimpa
	DU	-evompa	-evaimpa	-evtampa	-evimampa	-eviumpa	-evtumpa	-evsimpa	-evčempa	-evtámpa	-evmimpa
	PL	-esompa	-esaimpa	-estampa	-esimampa	-esiumpa	-estumpa	-essimpa	-esčempa	-estámpa	-esmimpa

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Comparative	NAT	-onna	-ainna	-utanna	-imanna	-iunna	-etunna	-isanna	-ečenna	-atánna	-aminna
	SGV	-enonna	-enainna	-entanna	-enimanna	-eniunna	-entunna	-ensinna	-enčenna	-entánna	-eminna
	DU	-evonna	-evainna	-evtanna	-evimanna	-eviunna	-evtunna	-evsinna	-evčenna	-evtánna	-evminna
	PL	-esonna	-esainna	-estanna	-esimanna	-esiunna	-estunna	-essinna	-esčenna	-estánna	-esminna

Table A.3. Consonant-final inanimate noun suffixes

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Focal	NAT	-a	-i	-uta	-ima	-iva	-tua	-isa	-čé	-tá	-mia
	SGV	-na	-nai	-nta	-nima	-niva	-ntua	-nisa	-nčé	-ntá	-mia
	DU	-va	-vai	-vta	-vima	-viva	-vtua	-visa	-včé	-vtá	-vmia
	PL	-sa	-sai	-sta	-sima	-siva	-stua	-sisa	-sčé	-stá	-smia
Nominative	NAT	-m	-im	-utam	-imam	-ivam	-tum	-isam	-čem	-tám	-mim
	SGV	-nam	-naim	-ntam	-nimam	-nium	-ntum	-nsim	-nčem	-ntám	-mim
	DU	-vam	-vaim	-vtam	-vimam	-vium	-vtum	-vsim	-včem	-vtám	-vmim
	PL	-sam	-saim	-stam	-simam	-sium	-stum	-ssim	-sčem	-stám	-smim
Absolutive	NAT	-š	-iš	-utaš	-imaš	-ivaš	-tuš	-isaš	-češ	-táš	-miš
	SGV	-naš	-naiš	-ntaš	-nimaš	-niuš	-ntuš	-nsiš	-nčeš	-ntáš	-miš
	DU	-vaš	-vaiš	-vtaš	-vimaš	-viuš	-vtuš	-vsiš	-včeš	-vtáš	-vmiš
	PL	-saš	-saiš	-staš	-simaš	-siuš	-stuš	-ssiš	-sčeš	-stáš	-smiš

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Secundative	NAT	-t	-it	-utat	-imat	-ivat	-tut	-isat	-čet	-tát	-mit
	SGV	-not	-nait	-ntat	-nimat	-niut	-ntut	-nsit	-nčet	-ntát	-mit
	DU	-vot	-vait	-vtat	-vimat	-viut	-vtut	-vsit	-včet	-vtát	-vmit
	PL	-sot	-sait	-stat	-simat	-siut	-stut	-ssit	-sčet	-stát	-smit
Genetive	NAT	-ok	-ik	-utak	-imak	-ivak	-tuk	-isak	-ček	-ták	-mik
	SGV	-nok	-naik	-ntak	-nimak	-niuk	-ntuk	-nsik	-nček	-nták	-mik
	DU	-vok	-vaik	-vtak	-vimak	-viuk	-vtuk	-vsik	-vček	-vták	-vmik
	PL	-sok	-saik	-stak	-simak	-siuk	-stuk	-ssik	-sček	-sták	-smik
Essive	NAT	-ol	-il	-utal	-imal	-ival	-tul	-isal	-čel	-tál	-mil
	SGV	-nol	-nail	-ntal	-nimal	-niul	-ntul	-nsil	-nčel	-ntál	-mil
	DU	-vol	-vail	-vtal	-vimal	-viul	-vtul	-vsil	-včel	-vtál	-vmil
	PL	-sol	-sail	-stal	-simal	-siul	-stul	-ssil	-sčel	-stál	-smil
Instrumental	NAT	-ra	-ira	-utara	-imara	-ivara	-tura	-isara	-čera	-tára	-mira
	SGV	-nora	-naira	-ntara	-nimara	-niura	-ntura	-nsira	-nčera	-ntára	-mira
	DU	-vora	-vaira	-vtara	-vimara	-viura	-vtura	-vsira	-včera	-vtára	-vmira
	PL	-sora	-saira	-stara	-simara	-siura	-stura	-ssira	-sčera	-stára	-smira
Inessive	NAT	-ssa	-issa	-utassa	-imassa	-ivassa	-tussa	-isassa	-čessa	-tássa	-missa
	SGV	-nossa	-naissa	-ntassa	-nimassa	-niussa	-ntussa	-nsissa	-nčessa	-ntássa	-missa
	DU	-vossa	-vaissa	-vtassa	-vimassa	-viussa	-vtussa	-vsissa	-včessa	-vtássa	-vmissa
	PL	-sossa	-saissa	-stassa	-simassa	-siussa	-stussa	-ssissa	-sčessa	-stássa	-smissa

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Adessive	NAT	-za	-iza	-utaza	-imaza	-ivaza	-tuza	-isaza	-čeza	-táza	-miza
	SGV	-noza	-naiza	-ntaza	-nimaza	-niuza	-ntuza	-nsiza	-nčeza	-ntáza	-miza
	DU	-voza	-vaiza	-vtaza	-vimaza	-viuza	-vtuza	-vsiza	-včeza	-vtáza	-vmiza
	PL	-soza	-saiza	-staza	-simaza	-siuza	-stuza	-ssiza	-sčeza	-stáza	-smiza
Illative	NAT	-sta	-ista	-utasta	-imasta	-ivasta	-tusta	-isasta	-česta	-tásta	-mista
	SGV	-nosta	-naista	-ntasta	-nimasta	-niusta	-ntusta	-nsista	-nčesta	-ntásta	-mista
	DU	-vosta	-vaista	-vtasta	-vimasta	-viusta	-vtusta	-vsista	-včesta	-vtásta	-vmista
	PL	-sosta	-saista	-stasta	-simasta	-siusta	-stusta	-ssista	-sčesta	-stásta	-smista
Allative	NAT	-tta	-itta	-utatta	-imatta	-ivatta	-tutta	-isatta	-četta	-tátta	-mitta
	SGV	-notta	-naitta	-ntatta	-nimatta	-niutta	-ntutta	-nsitta	-nčetta	-ntátta	-mitta
	DU	-votta	-vaitta	-vtatta	-vimatta	-viutta	-vtutta	-vsitta	-včetta	-vtátta	-vmitta
	PL	-sotta	-saitta	-statta	-simatta	-siutta	-stutta	-ssitta	-sčetta	-státta	-smitta
Elicative	NAT	-spa	-ispa	-utaspa	-imaspa	-ivaspa	-tuspa	-isaspa	-čespa	-táspa	-mispa
	SGV	-nospa	-naispa	-ntaspa	-nimaspa	-niuspa	-ntuspa	-nsispa	-nčespa	-ntáspa	-mispa
	DU	-vospa	-vaispa	-vtaspa	-vimaspa	-viuspa	-vtuspa	-vsispa	-včespa	-vtáspa	-vmispa
	PL	-sospa	-saispa	-staspa	-simaspa	-siuspa	-stuspa	-ssispa	-sčespa	-stáspa	-smispa
Ablative	NAT	-mpa	-impa	-utampa	-imampa	-ivampa	-tumpa	-isampa	-čempa	-támpa	-mimpa
	SGV	-nompa	-naimpa	-ntampa	-nimampa	-niumpa	-ntumpa	-nsimpa	-nčempa	-ntámpa	-mimpa
	DU	-vompa	-vaimpa	-vtampa	-vimampa	-viumpa	-vtumpa	-vsimpa	-včempa	-vtámpa	-vmimpa
	PL	-somp	-saimpa	-stampa	-simampa	-siumpa	-stumpa	-ssimpa	-sčempa	-stámpa	-smimpa

Case		NIL	1SG	2SG	3SG	1DU;INC	2DU	1PL;INC	1PL;EXC	2PL	3PL
Comparative	NAT	-nna	-inna	-utanna	-imanna	-ivanna	-tunna	-isanna	-čenna	-tánna	-minna
	SGV	-nonna	-nainna	-ntanna	-nimanna	-niunna	-ntunna	-nsinna	-nčenna	-ntánna	-minna
	DU	-vonna	-vainna	-vtanna	-vimanna	-viunna	-vtunna	-vsinna	-včenna	-vtánna	-vminna
	PL	-sonna	-sainna	-stanna	-simanna	-siunna	-stunna	-ssinna	-sčenna	-stánna	-sminna

Table A.4. *Vowel-final inanimate noun suffixes*



# Appendix B. List of Glossing Abbreviations

1 First person	COND Conditional
2 Second person	CONT Continuative aspect
3 Third person	COP Copula
ABL Ablative case	DEF Definite state
ABS Absolutive case	DEST Destination
ABST Absolute state	DIST Distal
ADE Adessive case	DU Dual number
ADJ Adjective/Adjectival	DUR Durative aspect
ADU Animate dual	ELA Elative case
ADV Adverb(ial)	ELECT Elective
AFF Affirmative	ESS Essive case
ALL Allative case	EXAG Exaggerated
ANIM Animate	EXC Exclusive
AOR Aorist	EXIST Existential
APL Animate plural	F1 Root Form 1
ASG Animate singular	F2 Root Form 2 (“intensive”)
ASM Assumptive	F3 Root Form 3 (“passive”)
ASS Associative	F4 Root Form 4 (“causative”)
CARD Cardinal	F5 Root Form 5 (“reciprocal”)
CESS Cessative aspect	F6 Root Form 6 (“reciprocal causative”)
COL Collective	F7 Root Form 7 (“attributive”)
COMP Comparative case	FOC Focal case (topic marker)

FRAC Fraction	MIR Admirative
FREQ Frequentative aspect	MOMT Momentane aspect
FUT Future	MULT Multiplicative
GEN Genitive case	NAT Natural number
HAB Habitual aspect	NEG Negative
HUM Human	NH Non-Human
HYP Hypothetical	NOM Nominative case
IDU Inanimate dual	OBL Oblique case
ILL Illative case	OPT Optative
IMP Imperative	ORD Ordinal
INANIM Inanimate	PART Partitive state
INC Inclusive	PERF Perfect
INCH Inchoative aspect	PFV Perfective aspect
IND Indicative	PL Plural number
INE Inessive	PLUP Pluperfect
INF Infinitive	POL Polite register
INF1 First Infinitive	POS Possessor
INF2 Second Infinitive	POT Potential
INF3 Third Infinitive	PROG Progressive aspect
INFR Inferential	PROX Proximal
INS Instrumental (-comitative) case	PRS Present
INT Interrogative	RECP Reciprocal
IPF Imperfect	RSN Reason
IPFV Imperfect	SDT Secundative case
IPL Inanimate plural	SG Singular number
ISG Inanimate singular	SGV Singulative number
LOC Location	SRC Source
MAN Manner	STAT Stative (Imperfective) aspect
MED Medial	SUPL Superlative



TIME Time

UNIV Universal

voc Vocative case