The Danetian Language

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Abbreviations

I	first person	M	masculine
2	second person	N	neuter
ABL	ablative	NEG	negative
ACC	accusative	NOM	nominative
DAT	dative	NUM	numeral
DIST	distal	PL	plural
EXIST	existential	PRF	perfect
F	feminine	PROX	proximal
GEN	genitive	PRS	present
IMPF	imperfect	REFL	reflexive
INS	instrumental	REL	relative
INT	interrogative	SG	singular
LOC	locative	UNI	universal

Introduction

The Danetian language is an Indo-European constructed language. I started this project in 2016, when I decided to take the Proto-Indo-European lexicon and apply whichever sound changes satisfied me.

At that time, I had been obsessed with Latin starting a few years prior. However, there were several small details that bothered me about the language. Therefore, I wanted to have my own personal classical language that I could have full creative control over.

I decided that I wanted to emulate an Ancient Greek and Latin aesthetic. Thus, my first iteration of Danetian had a phonology resembling that of Ancient Greek: long and short vowels, and a three-way contrast between voiced, unvoiced, and aspirated plosives. But as I kept writing more things in that version of Danetian, I realized that long vowels were really cumbersome to pronounce, and aspirated plosives made the language sound ugly to my ears. Hence, I decided to revisit the sound changes that I originally applied to Proto-Indo-European.

The result is this current iteration of Danetian, which I am more than satisfied with. It has a very beautiful European aesthetic both in writing and in speech. If you'd like to see a modernized version of Proto-Indo-European, this is the conlang for you!

In this book, I intend to give a comprehensive description of Danetian. I assume that the reader is as much of a language nerd as I am, or at least that they are familiar with basic terms in linguistics.

Abbreviations 2

The name of the language In Europe, there are many rivers that have similar names: Danube, Don, Dniepr, Dniestr, etc. In Proto-Indo-European, the term *déh₂nu referred to a river goddess. Since civilizations throughout history have commonly formed near a river, I imagined that whoever spoke my conlang would come from a civilization near a river. I envisioned them worshiping a river goddess called *Daneta*, so they would call themselves the *Danetians*, or *danetiskoi*. Therefore, their native tongue is called *Danetian*, or *danetiska*.

Classification Danetian forms its own branch in the Indo-European language family. It belongs to the *satem* side of the family, but it shares some properties with the *centum* languages.

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Part I Phonology

Types of sounds

1.1 Consonants

Danetian has 20 consonant phonemes: six plosives, six fricatives, two affricates, and six sonorants. These phonemes are organized in the table below.

	Labial	Dental	Palatal	Velar
Plosive	p b	t d		k g
Affricate			t∫ dʒ	
Fricative	f v	s z	ſ	X
Nasal	m	n	n	
Rhotic		r		
Approximant		1	j	

The main dialect of Danetian has several allophonical variations for consonants, summarized below. However, the reader is encouraged to speak the language with their own regional accent, and to pronounce words in whichever way feels more natural to them. The points below are intended as a guideline, and are not strictly authoritative.

• Whenver /s/ appears between vowels or before a voiced consonant, it is pronounced as [z]:

```
nefesos ['nɛ.fɛ.zos] «of the cloud»
fesor [fɛ'zor] «hand»
tusontis ['tu.zon.tis] «thousand»
esvos ['ɛz.vos] «horse»
donvos ['don.vos] «number»
```

• /r/ is pronounced as [r] by default, but as [r] between vowels:

```
pater [pa'ter] «father»
kruros ['kru.ros] «bloody»
```

• /l/ is pronounced as [1] by default, but as [†] at the end of a word, before a consonant, or before /o/ or /u/:

```
lana ['la.na] «wool»,
luvos ['tu.vos] «love»,
lokus ['to.kus] «lake»,
Michael [mi.xa'ɛt] «Michael»,
Vilmos ['vit.mos] «William».
```

• /x/ is pronounced as [x h].

1.2 Vowels

Like many other languages around the world, Danetian has five vowel phonemes. There is no vowel length distinction.

	Front	Central	Back
Close	i		u
Mid	e		o
Open		a	

The vowels /a e o/ can also be combined with /i u/ to form the following falling diphthongs:

	i	u
a	aį	aŭ
e	eį	еŭ
0	oį	

In the main dialect of Danetian, vowels undergo a couple of allophonical variations. Once again, each speaker will have their own unique pronounciation based on their regional accent, so the following points are merely a guideline.

• /e/ is pronounced as [ε] by default, but as [e] whenever the following syllable contains /i/ or /j/:

```
preseti ['prɛ.ze.ti] «he asks»
kreva ['krɛ.va] «raw blood»
drageti ['dra.ge.ti] «he drags»
```

• /o/ is always pronounced as [o].

Syllables

Stress

Phonotactics

Orthography

Danetian orthography uses all 26 letters of the international Latin alphabet. Most of the letters follow the International Phonetic Alphabet closely. The exceptions are summarized in the table below, along with other remarks.

• **<**c>: /k/ always

• \(\langle g \rangle : \/ /g/\) always

• <h>: /x/

• <nj>: /n/

• <t>: /t/ always

• <qu>: /kw/

• <w>: /v/

• <x>: /ks/

• <y>: /i/

• \ch>: \rangle x/\ always

• <ph>: /f/

• : /t/

5.1 Orthographic rules for stress

Danetian has a stress accent, much like Modern Greek, Spanish, and Russian. Every word has exactly one stressed syllable, pronounced stronger than the other

syllables. Only the last three syllables of a word have the possibility of carrying stress, much like in Modern Greek.

In writing, the stress is marked by an acute accent, as in *natúra* [na'tu.ra] «nature», or it can simply be inferred, as in *anapreseti* [a.na'pre.ze.ti] «he prays». The orthographic rules for denoting stress are the following:

- I. Stress can only fall in the last three syllables.
- 2. If stress is unmarked in writing, then it is assumed that it falls as far back as it can. Compare *danetiska* [da'ne.tis.ka] «Danetian language», *bena* ['bɛ.na] «woman», *en* ['ɛn] «in».
- 3. ... unless it ends in a consonant grapheme other than $\langle m \rangle$, $\langle n \rangle$, $\langle s \rangle$, or $\langle t \rangle$, in which case it is assumed that the stress falls

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Writing system

Danetian orthography makes the language look just like any other European language. The writing system uses the 26 letters of the standard Latin alphabet, along with the accute accent (ἀείοὐν) and a couple of digraphs.

6.1 Letters

Most letters in the Danetian alphabet represent a single sound. The table below sumarizes the names of every letter, and their phonemic value.

letter	name	sound
a	а	/a/
b	be	/b/
c	ce	/k/
d	de	/d/
e	e	/e/
f	ef	/f/
g	ge	/g/
h	hasj	/x/
i	i	/i/
j	ja	/j/
k	ka	/k/
1	el	/1/
m	em	/m/
n	en	/n/
o	0	/o/
p	pe	/p/
q	qu	/k/
r	er	/r/
S	es	/s/
t	te	/t/
u	и	/u/
v	ve	/v/
w	dublevé	/v/
X	ix	/s/, /ks/
y	igrek	/i/, /j/
Z	zed	/z/

The letter $\langle c \rangle$ always sounds like a hard /k/, and is never palatalized as it is in other European languages. The letter $\langle x \rangle$ sounds like /s/ at the beginning of a word (usually Greek loans). The letter $\langle y \rangle$ can take on a vocalic or consonantal value, depending on context, but it's very intuitive to figure out which one is the case.

Part II Morphology

Nominal Morphology

7.1 General properties

Nouns inflect according to the following categories:

- gender: masculine, feminine, neuter
- number: singular, plural
- case: nominative, accusative, genitive, ablative, dative, locative, instrumental,

7.1.1 Gender

Gender is a grammatical property inherent to each noun. Sometimes it's correlated with biological sex:

• viros (м): man

• hertogos (м): duke

• bena (F): woman

• hertoga (F): duchess

Most of the time, however, it has nothing to do with sex:

• abol (M): apple

• nas (F): nose

• anfros (M): rain

• imperiom (N): empire

• barda (F): beard

• dranom (N): grain

7.1.2 Number

Nouns inflect according to number. If a noun refers to a single entity, it's called *singular*. If it refers to more than one entity, it's called *plural*.

7.1.3 Case

Nouns can also inflect according to case. Case refers to the grammatical role that a noun plays in a phrase or sentence. For instance, consider the following two sentences:

- (1) Svon smerdeti virom.

 Dog-nom bites man-ACC.

 The dog bites the man.
- (2) Viros smerdeti svonam.

 Man-NOM bites dog-ACC.

 The man bites the dog.

Clearly, the word for «man» plays a different role in each sentence. In the first example, the man is receiving the action. In the second one, he is performing the action. This difference is marked in the different endings: *viros* when the man performs the action, *viron* when the man receives the action.

There are seven cases in Danetian. They are listed below, along with their most common functions.

- **nominative:** Refers to the subject of a sentence. This is the standard form of a noun.
 - (3) Viros lufjeti svonam.

 Man-NOM loves dog-ACC.

 The man loves the dog.

- accusative: Refers to the direct object of a sentence.
 - (4) Svon lufjeti virom.

Dog-Nom loves man-ACC

The dog loves the man.

- **genitive:** Denotes possession. Equivalent to the phrase «of + [something]».
 - (5) Mjanka virosjo lufjeti svonam.

Kitten-NOM man-GEN loves dog-ACC.

The **man's** kitten loves the dog.

- **ablative:** Can refer to a source of something, or denote movement away from something. Equivalent to the phrase «from + [something]».
 - (6) Mjanka peperet apo virad svonei.

Kitten-NOM ran from man-ABL dog-DAT.

The kitten ran **from the man** to the dog.

- dative: Can refer to the indirect object of a sentence, or denote movement towards something. Equivalent to the phrase «to + [something]».
 - (7) Svon dedót fastom viroi.

Dog-Nom gave stick-ACC man-DAT.

The dog gave the stick to the man.

- **locative:** Refers to a location. Roughly equivalent to the phrase «in + [location]».
 - (8) Mjanka sedjeto ana viri.

Kitten-NOM was-sitting on man-LOC.

The kitten was sitting on the man.

- **instrumental:** Can denote a tool or instrument with which an action is performed, or can refer to an entity that gives company to another. Equivalent to the phrase «with + [something]».
 - (9) Svon igret som vire.

 Dog-nom was-playing with man-ins.

 The dog was playing with the man.

7.2 Strong and weak cases

The seven cases can be divided into two types: the strong cases (NOM and ACC), and the weak cases (GEN, ABL, DAT, LOC, and INS). There are two main reasons for this.

i For neuter nouns, the strong cases are always identical, while for all other nouns, the strong cases are always distinct. Thus, it makes sense to group the strong cases together. For example,

	gift (N)	man (м)	woman (F)
NOM	donom	viros	bena
ACC	donom	virom	benam

ii There are some nouns that use one stem for the strong cases, and a different stem for the weak cases:

	thought	dog	lake
NOM	mentis	svon	lokus
GEN	manties	sunes	alkves

7.3 Inflection classes

By examining how each noun inflects, we can come up with several broad categories:

• I: a-stem nouns

• II: o-stem nouns

• **III-i**: *i*-stem nouns

• III-u: *u*-stem nouns

• III-s: es-stem nouns

• III-n: en-stem nouns

• III-L: liquid-stem nouns

• **III-F**: fleeting *s* nouns

• III-C: consonant-stem nouns

Historically, these categories have been grouped into the *first declension* (I), *second declension* (II), and *third declension* (III). As can be seen from the list above, the third declension contains many subcategories.

7.3.1 a-stem nouns

Another of the biggest classes of nouns are the *a*-stems. The vast majority of these are feminine, but there are some masculines here and there. Some familiar examples include:

• barda (F): beard

• bena (F): woman

• danva (F): tongue; language

• lana (F): wool

• luksna (F): moon

• redia (F): law, right

• pisda (F): vulva

• pletia (F): square, plaza

• pluksna (F): feather

• poina (F): punishment

• videva (F): widow

Since all *a*-stem nouns inflect regularly, we can choose one of them to represent them all.

	SG	PL
NOM	bena	benai
ACC	benam	benans
GEN	benas	benóm
ABL	benas	benamos
DAT	benai	benamos
LOC	beni	benasu
INS	bene	benafi

7.3.2 *o*-stem nouns

One of the biggest classes of nouns are the *o*-stem nouns. The vast majority of nouns in this class are masculine and neuter, but there are a few feminines here and there. Some familiar examples include:

•	adros	(M)	field	
•	aaros	(M):	Hela	

• Aigyptos (F): Egypt

• artos (м): bear

• divos (м): god

• donom (N): gift

• dranom (N): grain

• fumos (м): smoke

• jugom (N): yoke

• kapros (м): goat

• nefros (м): kidney

• nisdos (м): nest

• orfos (M): orphan; slave

• peplos (M): wheel, circle

• snoifos (M): snow

• svennos (M): sleep, slumber

• tauros (м): bull

• valpos (M): wolf

• verdom (N): word

• viros (м): man

Notice that all *o*-stem neuters end in *-om*, and the rest of the *o*-stems end in *-os*. Since they all inflect regularly, we can simply choose two nouns (one in *-os* and one in *-om*) to serve as role models for all the *o*-stems.

	SG	PL		SG	PL
NOM	viros	viroi	NOM	donom	dona
ACC	virom	virons	ACC	donom	dona
GEN	virosjo	viróm	GEN	donosjo	$don\'om$
ABL	virad	viromos	ABL	donad	donomos
DAT	viroi	viromos	DAT	donoi	donomos
LOC	viri	virosu	LOC	doni	donosu
INS	vire	virois	INS	done	donois

7.3.3 *i*-stem nouns

The *i*-stem nouns include both masculine and feminine nouns, and exactly one neuter noun. Many nouns in this class have one stem for the strong cases and another stem for the weak cases. Therefore, when listing them out on a dictionary, it is important to list the NOM-SG and the GEN-PL to represent the strong and weak stems, respectively. ¹ If only the NOM-SG is listed on a dictionary entry, then we can assume that the noun doesn't change its stem. Some familiar examples of *i*-stem nouns include:

• avis² (F): bird

• dotis, daties (F): act of giving

• hostis (м): guest

• mentis, manties (F): thought

• mertis, marties (F): death

• mori, maries (N): sea

ovis, avies (F): sheep

• statis (F): standing; position

• vestis, usties (F): clothing

Since the vast majority of i-stem nouns are regular 3 , we can just choose one word to represent all regular nouns in this class, and then treat the irregular nouns separately.

¹These are called the *principal parts* of a noun.

²Irregular noun.

³A noun that has one stem for the strong cases and another stem for the weak cases is still considered regular, because its inflection table can be inferred from just two principal parts: the NOM-SG and the GEN-SG.

	SG	PL
NOM	hostis	hosties
ACC	hostim	hostins
GEN	hosties	hostióm
ABL	hosties	hostimos
DAT	hostiei	hostimos
LOC	hosti	hostisu
INS	hostie	hostifi

The only neuter *i*-stem noun is *mori*, and it's completely regular, albeit with a change of stem.

	SG	PL
NOM	mori	moria
ACC	mori	moria
GEN	maries	marióm
ABL	maries	marimos
DAT	mariei	marimos
LOC	mari	marisu
INS	marie	marifi

One notable irregular noun is *avis*. It is considered irregular because it has three distinct stems, instead of the usual one or two. Moreover, since one of the stems is purely vocalic, an epenthetic consonant is sometimes inserted between the stem and the ending. The inflection table is shown below.

	SG	PL
NOM	avis	avies
ACC	avim	avins
GEN	ujes	ujóm
ABL	ujes	vimos
DAT	ujei	vimos
LOC	uvi	visu
INS	uje	vifi

The inflection tables for all irregular nouns can be found in 7.3.10.

7.3.4 *u*-stem nouns

The *u*-stem nouns include nouns from all three genders. Since this class is a relic from PIE, there are relatively many irregular nouns here. Some familiar examples include:

• befrus (м): beaver

• doru⁴ (N): tree

• brus4 (F): eyebrow

• dustus (м): taste

• dakru (N): tear (of the eye)

• lokus, alkues (м): pond, lake

• danu⁴ (N): river

• naus, naves (F): boat, ship

• denus4 (F): jaw; cheek

• smerus, smarues (M): grease

• djus⁴ (M): sky, heaven

• sunus (M): son

We can choose two of these to represent the regular *u*-stem nouns: one for the masculine and feminine nouns, and one for the neuters.

	SG	PL		SG	PL
NOM	sunus	sunues	NOM	danu	danú
ACC	sunum	sununs	ACC	danu	danú
GEN	sunues	sunuóm	GEN	danues	danuóm
ABL	sunues	sunumos	ABL	danues	danumo
DAT	sunuei	sunumos	DAT	danuei	danumo
LOC	sunui	sunusu	LOC	danui	danusu
INS	sunue	sunufi	INS	danue	danufi

All the irregular nouns can be found in the tables in 7.3.10.

⁴Irregular noun.

7.3.5 es-stem nouns

The class of *es*-stem nouns includes all three genders. All of these nouns are regular. Some familiar examples are:

• ankos (N): curve, bend

• denos (N): race, lineage

• *jugos* (N): pair of yoked animals

• menos (N): mind

• nefos (N): cloud

• odés (м): axe, hatchet

• pletos (N): breadth

• rebos (N): darkness

• slevos (N): fame; glory

• tenos (N): extension

Since all *es*-stem nouns are regular, we can simply choose two nouns to represent them all: one for the masculine and feminine nouns, and one for the neuters.

	SG	PL
NOM	odés	odesos
ACC	odesam	odesans
GEN	odesos	odesóm
ABL	odesos	odesmos
DAT	odesei	odesmos
LOC	odesi	odesu
INS	odese	odesfi

	SG	PL
NOM	menos	menós
ACC	menos	menós
GEN	menesos	menesóm
ABL	menesos	menesmos
DAT	menesei	menesmos
LOC	menesi	menesu
INS	menese	menesfi

7.3.6 en-stem nouns

The *en*-stem nouns are all neuter, and most of them are regular. Some common examples are:

- denaman, danamens (N): offspring; generation (genealogical)
- noman, nemens (N): name
- numan, panvamens (N): spirit, soul

• petan, patens (N): wing

• seman, samens (N): seed

• sovan, savens (N): sun

• terman, tarmens (N): boundary; end

• vodan, vedens (N): water

• vosan⁵ (N): spring (season)

We can choose one of these to represent all *en*-stem nouns, keeping in mind that there may or may not be a change of stem.

	SG	PL
NOM	noman	nomó
ACC	noman	nomó
GEN	nemens	nemenóm
ABL	nemens	nemenmos
DAT	nemenei	nemenmos
LOC	nemeni	nemensu
INS	nemene	nemenfi

7.3.7 Liquid-stem nouns

The liquid consonants are l and r. If the NOM-SG of a noun ends in a liquid consonant, then it belongs to the class of liquid-stem nouns. This class includes both masculine and feminine nouns. Some familiar examples are:

• *abol*⁵ (м): apple

• bor⁵ (м): thief

• brater (м): brother

• denator, danatres (M): parent

• dotor, datres (M): giver

• fugater, fugtres (F): daughter

• for, fures (м): door

⁵Irregular noun.

• mater (F): mother

• pater (M): father

• sper, aspres (M): sparrow

• ster, astres (M): star

• svesor⁵ (F): sister

• vistor (M): witness

The vowel right before the liquid is usually elided in all its forms except the NOM-SG, like *pater > patres*, or *abol > ables*. However, if the NOM-SG is a monosyllable, then no elision occurs, e.g. *bor > bores*. With this rule in mind, we can choose one of the liquid-stem nouns to serve as a role model for the rest.

	SG	PL
NOM	pater	patres
ACC	patram	patrans
GEN	patres	patróm
ABL	patres	patrimos
DAT	patrei	patrimos
LOC	patri	patrisu
INS	patre	patrifi

7.3.8 Fleeting s nouns

There are some nouns that end in -s in the NOM-SG, but this -s gets dropped in all other inflections. This is called the fleeting s. Some nouns like this include:

- anats (F): duck
- donts, dantes (M): tooth
- fans (F): goose
- frags (M): dregs, sediment (of wine, oil, fat)
- nogs, neges (M): nail (of the finger or toe)
- oms, ames (м): shoulder

- ops (N): eye
- ponts, pantes (M): path
- *rads* (F): root
- reds (м): king
- sals (M): salt
- vents, vantes (м): wind
- vops (F): voice, speech

We will choose two nouns to represent the fleeting s nouns: one to represent the masculines and feminines, and the other to represent the neuters.

	sG	PL		sG	PL
NOM	vops	vopes	NOM	ops	ора
ACC	vopam	vopes	ACC	ops	ора
GEN	vopes	vopóm	GEN	opes	opóm
ABL	vopes	vopimos	ABL	opes	opimos
DAT	vopei	vopimos	DAT	opei	opimos
LOC	vopi	vopisu	LOC	opi	opisu
INS	vope	vopifi	INS	оре	opifi

7.3.9 Consonant-stem nouns

If a noun doesn't fall into any of the categories mentioned above, then we can usually take the stem and just append the inflectional endings directly to it. Some nouns that don't fall into the previous classes include:

- dom, dems (M): house, home
- fejóm, fimes (F): winter
- famón⁶ (м): earthling
- frags (M): dregs, sediment (of wine, oil, fat)
- fedóm, fames (F): earth
- gerán⁶ (M): crane, heron

The inflection table of consonant-stem nouns is similar to the liquid-stem and fleeting s nouns.

	sG	PL
NOM	dom	domes
ACC	domam	domes
GEN	dems	demóm
ABL	dems	demimos
DAT	demei	demimos
LOC	demi	demisu
INS	deme	demifi

⁶Irregular noun.

7.3.10 Irregular nouns

(THIS SECTION IS INCOMPLETE)

7.4 Adjectives

(THIS SECTION IS INCOMPLETE)

Numerals

8.1 Cardinals

Cardinals are used for counting things: *one*, *two*, *three*, *four*... They can be simple, like *twenty*, or compound, like *four hundred*. A cardinal number governs a noun or a noun phrase, forming a numeral phrase as a whole.

- (10) trifi berdantifi virois
 three-INS tall-INS-PL men-INS-PL

 «with the three tall men»
- (II) nevandsont pempe thesióm Martines Lutheres
 ninety five theses-gen-pl Martin-gen Luther-gen
 «the ninety five theses of Martin Luther»
- (12) tusontis petvóres satones octodesam pavenjóm dinóm i thousand four hundred eighteen fiery-gen-pl days-gen-pl and neptóm Medanosjo Patriotiskosjo Urusjes nights-gen-pl Great-gen Patriotic-gen War-gen wone thousand four hundred and eighteen fiery days and nights of the Great Patriotic War»

8.1.1 One

The numeral for 1 is *oinos*, and it is the only cardinal that can be both singular and plural. It inflects just like a regular adjective.

Singular				
	М	F	N	
NOM	oinos	oina	oinom	
ACC	oinom	oinam	oinom	
GEN	oinosjo	oinas	oinosjo	
ABL	oinad	oinas	oinad	
DAT	oinoi	oinai	oinoi	
LOC	oini	oini	oini	
INS	oine	oine	oine	
	P	lural		
	М	F	N	
NOM	oinoi	oinai	oina	
ACC	oinons	oinans	oina	
GEN	oinóm	oinóm	oinóm	
ABL	oinomos	oinamos	oinomos	
DAT	oinomos	oinamos	oinomos	
LOC	oinosu	oinasu	oinosu	
INS	oinois	oinafi	oinois	

The cardinal *oinos*, like adjectives, must always agree with the gender, number, and case of the noun phrase that it governs.

8.1.2 Two, three, and four

The cardinals for 2, 3, and 4 are *dvo*, *tres*, and *petvóres*, respectively. They are all similar because they all inflect according to the three genders, and they're all inherently plural.

Two			
	М	F	N
NOM	dvo	dva	dvoi
ACC	dvons	dvans	dvoi
GEN	dvóm	$dv\'om$	$dv\'om$
ABL	dvamos	dvamos	dvamos
DAT	dvamos	dvamos	dvamos
LOC	dvasu	dvasu	dvasu
INS	dvafi	dvafi	dvafi
Three			
	М	F	N
NOM	tres	tistres	tri
ACC	trins	tistrans	tri
GEN	trióm	tistróm	trióm
ABL	trimos	tisarmos	trimos
DAT	trimos	tisarmos	trimos
LOC	trisu	tisarsu	trisu
INS	trifi	tisarfi	trifi
Four			
	М	F	N
NOM	petvóres	petestres	petvor
ACC	petvórans	petestrans	petvor
GEN	peturóm	petestróm	peturóm
ABL	petvarmos	petesarmos	petvarmos
DAT	petvarmos	petesarmos	petvarmos
LOC	petvarsu	petesarsu	petvarsu
INS	petvarfi	petesarfi	petvarfi

Since these three cardinals are inherently plural, the noun phrase that they govern must also be plural. Moreover, these three cardinals must agree with the case of their noun phrase.

8.1.3 Five to nineteen

The cardinals 5-19 inflect according to case, but not gender. Moreover, they're all inherently plural, so the noun phrase that they govern must also be plural. However, they may not necessarily agree with the case of the noun phrase. Case agreement follows a simple set of rules, discussed in section 8.2.

	five	six	seven	eight	nine	ten
NOM ACC GEN ABL DAT	pempe pempans pempóm pempamos pempamos pempasu	sveks svekans svekóm svekamos svekasu	septam septans septóm septamos septamos septasu	okto oktons októm oktomos oktomos	nevan nevans nevóm nevamos nevamos	desam desans desóm desamos desamos desasu
INS	pempasu pempafi	svekasu svekafi	septasu septafi	oktofi	nevasu nevafi	aesasu desafi

The cardinals 11-19 inflect just like *desam*, so it is not necessary to show their inflection tables.

- oinodesam (NUM): eleven
- dvoidesam (NUM): twelve
- tridesam (NUM): thirteen
- petvordesam (NUM): fourteen
- pempedesam (NUM): fifteen

- svesdesam (NUM): sixteen
- *septandesam* (NUM): seventeen
- oktodesam (NUM): eighteen
- nevandesam (NUM): nineteen

8.1.4 Simple cardinals beyond twenty

Every simple cardinal 20 and above inflects like any Danetian noun. They're all inherently plural, so the noun phrase that they govern must also be in the plural. However, they may not necessarily agree in case; the case agreement rules are discussed in section 8.2.

- *vidsant* (NUM): twenty
- tridsont (NUM): thirty
- petvardsont (NUM): forty
- pempedsont (NUM): fifty
- svedsont (NUM): sixty

- septandsont (NUM): seventy
- oktodsont (NUM): eighty
- *nevandsont* (NUM): ninety
- satón (NUM): hundred
- tusontis (NUM): thousand

The simple cardinals between 20 and 90 inflect like a consonantal-stem noun, with the caveat that they're always in the singular. The numerals *satón* and *tusontis* inflect like a consonantal-stem and *i*-stem noun, respectively, and they can be either singular or plural.

8.2 Case agreement for simple cardinals

As we saw in sections 8.1.1 and 8.1.2, the cardinals 1-4 must agree with the gender, number, and case of the noun phrase that they govern. Of course, the numerals 2-4 are inherently plural, so the noun phrase must be cast into the plural.

However, the simple cardinals greater than or equal to 5 follow a slightly more complicated set of rules:

- i The case of the cardinal determines the case of the entire numeral phrase.
- ii If we wish to inflect the numeral phrase into one of the strong cases (NOM and ACC), then the noun phrase must be inflected in the genitive plural.
 - (13) pempe viróm i benóm five-NOM men-GEN-PL and women-GEN-PL «five men and women»
 - (14) tusontim dranóm sales thousand-ACC grains-GEN-PL of-salt-GEN-SG «one thousand grains of salt»

- iii If we wish to inflect the numeral phrase into one of the weak cases (GEN, ABL, DAT, LOC, INS), then the noun phrase also agrees with that case.
 - (15) som petvardsonte virois
 with forty-INS men-INS-PL
 with the forty men
 - (16) apo oktomos stadimos from eight-ABL locations-ABL-PL from eight locations

A brief table should illustrate these simple rules.

	one man	two men	five men
NOM	oinos viros	dvo viroi	pempe viróm
ACC	oinom virom	dvons virons	pempans viróm
GEN	oinosjo virosjo	dvóm viróm	pempóm viróm
ABL	oinad virad	dvamos viromos	pempamos viromos
DAT	oinoi viroi	dvamos viromos	pempamos viromos
LOC	oini viri	dvasu virosu	pempasu virosu
INS	oine vire	dvafi virois	pempafi virois

8.3 Compound numerals

Several simple numerals can be arranged to form a compound numeral. In English, an example of this would be *sixty nine*, or *four hundred and twenty*. We can also do this in Danetian:

• 21: vidsant oinos • 96: nevandsont sveks

• 42: petvardsont dvo

• 69: svedsont nevan

- 200: dvo satones
- 210: dvo satones desam
- 365: tres satones svedsont pempe
- 420: petvóres satones vidsant
- 500: pempe satonóm
- 507: pempe satonóm septam
- 1001: tusontis oinos
- 1200: tusontis dvo satones

- 1418: tusontis petvóres satones octodesam
- 1999: tusontis nevan satones nevandsont nevan
- 2000: dvo tusonties
- 2021: dvo tusonties vidsant oinos
- 3000: tres tusonties
- 5000: pempe tusontióm
- 9999: nevan tusontióm nevan satonóm nevandsont nevan

Notice that a numeral can govern another numeral, as in *two thousand*. In this case, the subordinate numeral follows the case agreement rules discussed in section 8.2. The gender of this subordinate numeral is assumed to be masculine.

Pronouns and pro-adverbs

9.1 Personal pronouns

The personal pronouns are classified according to three persons (*first*, *second*, and *third*), and two numbers (*singular* and *plural*). The first and second person pronouns do not inflect according to gender, but the third person pronouns do. There is also a reflexive pronoun, which does not inflect by number.

	ISG	2SG	IPL	2PL	REFL
NOM	edo	tu	vi	ju	-
ACC	me	tve	nos	vos	sve
GEN	mene	teve	ánser	júser	seve
ABL	med	tved	ansmed	usmed	sved
DAT	medjo	tevjo	ansmi	usmi	sevjo
LOC	moi	toi	ansmi	usmi	soi
INS	moi	toi	ansa	usma	soi

The third person pronoun inflects according to the table below.

	Singular								
	М	F	N						
NOM	eno	ena	enod						
ACC	enom	enam	enod						
GEN	enosjo	enosjas	enosjo						
ABL	enosmad	enosjas	enosmad						
DAT	enosmoi	enosjai	enosmoi						
LOC	enosmi	enosji	enosmi						
INS	enosme	enosje	enosme						
	P	lural							
	М	F	N						
NOM	enoi	enai	ena						
ACC	enons	enans	ena						
GEN	enosóm	enasóm	enosóm						
ABL	enoimos	enamos	enoimos						
DAT	enoimos	enamos	enoimos						
LOC	enoisu	enasu	enoisu						
INS	enois	enafi	enois						

9.2 Possessive pronouns

The possessive pronouns for first and second person inflect just like regular adjectives, so we will simply list them without showing their inflection tables.

• ISG: menjos • IPL: nosjos

• 2SG: tevjos • 2PL: vosjos

However, the third person possessive pronouns are equivalent to the genitive of the third person personal pronouns. That is, *enosjo*, *enosjas*, *enosjo*, *enosóm*, *enosóm*, *enosóm*. These possessives do not inflect at all.

9.3 Pro-adverbs

A pro-adverb is a word that substitutes an adverb, such as *when*, *where*, *somewhere*, *like this*, among others. In Danetian, pro-adverbs refer to the following categories:

• location: where? • time: when?

• source: where from? • manner: how?

destination: where to?amount: how much?

Moreover, every pro-adverb has its own type, and we can tell what type it is based on the prefix attached to it:

• interrogative: po-

• relative: jo-

• proximal: so-

• distal: *to-*

Every possible combination is shown in the following table:

	location	source	destination	time	manner	amount
INT	podi	posmad	poimos	poives	posme	poti
REL	jodi	josmad	joimos	joives	josme	joti
PROX	sodi	sosmad	soimos	soives	sosme	soti
DIST	todi	tosmad	toimos	toives	tosme	toti
UNI	visodi	visosmad	visoimos	visoives	visosme	visoti
NEG	nipodi	niposmad	nipoimos	nipoives	niposme	nipoti
EXIST	potodi	potosmad	potoimos	potoives	potosme	pototi

When using a pro-adverb that refers to the amount of something, the genitive case should be used.

(e.g. combien de grand)(THIS SECTION IS INCOMPLETE)

proximal referse to objects near the speaker medial refers to objects near the listener distal refers to objects far from both

to: that (from pie so, with analogy from its inflected cases)

poti: From PIE *kwoti, adverb from kwos, kwis. Cognate with AG posos and Lat quot.

For poimos: compare AG peemos (when). Even though the meanings are diffrent.

9.4 Demonstrative pronouns

(THIS SECTION IS INCOMPLETE)

9.5 Interrogative and relative pronouns

Verbal Morphology

10.1 General properties

Verbs inflect according to the following categories:

• person: first, second, third

• number: singular, plural

• mood: indicative, subjunctive, imperative

• **voice**: active, passive

• aspect: perfective, imperfective

10.2 Copula

The copula (the verb «to be») can be omitted in the present tense. Its conjugation is shown in the table below.

			ACT	IVE			
		Participle	e		Infinitive	:	
PRS PRF		sonts budvés			estin butin		
	edo	tu	eno	vi	ju	enoi	
PRS	esmi	esi	esti	esmos	este	senti	
IMPF	esam	es	est	esme	este	sent	
PRF	bum	bus	but	bume	bute	bunt	
PRS	sjem	sjes	sjet	sime	site	sint	
PRF	bjem	bjes	bjet	bime	bite	bint	
PRS	-	se	-	-	este	-	
PRF	-	bu	-	-	bute	-	

10.3 Thematic verbs

			ACTIV	E			
		Participle		Infinitive			
PRS PRF		voponts vevopovés			vopetin vevopetin		
	edo	tu	eno	vi	ju	enoi	
PRS IMPF PRF	vopo vopom vevopom	vopesi vopes vevopes	vopeti vopet vevopet	vopomos vopome vevopome	vopete vopete vevopete	voponti vopont vevopont	
PRS PRF	vopojam vevopojam	vopois vevopois	vopoit vevopoit	vopoime vevopoime	vopoite vevopoite	vopojant vevopojant	
PRS PRF	-	vope vevope	-	-	vopete vevopete	-	
			MEDIOPAS	SIVE			
		Participle			Infinitive		
PRS PRF		vopomnos vevopomnos			vopemin vevopemin		
	edo	tu	eno	vi	ju	enoi	
PRS IMPF PRF	vópar vopa vevopa	vópetar vopeta vevopeta	vópetor vopeto vevopeto	vopomosda vopomeda vevopomeda	vopedave vopedave vevopedave	vópontor voponto vevoponto	
PRS PRF	vopoja vevopoja	vopoita vevopoita	vopoito vevopoito	vopoimeda vevopoimeda	vopoidave vevopoidave	vopojanto vevopojant	
PRS PRF	-	vopeso vevopeso	-	-	vopedave vevopedave	-	

10.4 Athematic verbs

(THIS SECTION IS INCOMPLETE)

10.5 Irregular verbs

There are only a handful of irregular verbs in Danetian. (THIS SECTION IS INCOMPLETE)

			ACTIV	Æ			
		Participle			Infinitive		
PRS PRF		jonts bamvés		itin bemtin			
	edo	tu	eno	vi	ju	enoi	
PRS	imi	isi	iti	imos	ite	jenti	
IMPF	em	is	it	ime	ite	jent	
PRF	bem	bems	bemt	bamme	bamte	bament	
PRS	jem	jes	jet	ime	ite	jent	
PRF	bamjém	bamjés	bamjét	bamíme	bamíte	bamínt	
PRS	-	bem	-	-	bamte	-	
PRF	-	bebom	-	-	bebamte	-	

			ACTIV	E			
		Participle		Infinitive			
PRS PRF		donts dedavés			dotin dedatin		
	edo	tu	eno	vi	ju	enoi	
PRS	domi	dosi	doti	damos	date	danti	
IMPF	dom	dos	dot	dame	date	dant	
PRF	dedóm	dedós	dedót	dedame	dedate	dedant	
PRS	dajém	dajés	dajét	dime	dite	dint	
PRF	dedajém	dedajés	dedajét	dedíme	dedíte	dedínt	
PRS	-	do	-	-	date	-	
PRF	-	dedó	-	-	dedate	-	
			MEDIOPAS	SSIVE			
		Participle			Infinitive		
PRS		damanos			damin		
PRF		dedamanos			dedamin		
					ž.,	enoi	
	edo	tu	eno	vi	ju	enoi	
PRS	edo dar	tu dátar	eno dátor	vi damosda	dadave	dántor	
					,		
IMPF	dar	dátar	dátor	damosda	dadave	dántor	
PRS IMPF PRF	dar da	dátar data	dátor dato	damosda dameda	dadave dadave	dántor danto	
IMPF PRF PRS	dar da deda	dátar data dedata	dátor dato dedato	damosda dameda dedameda	dadave dadave dedadave	dántor danto dedanto	
IMPF PRF	dar da deda	dátar data dedata dita	dátor dato dedato dito	damosda dameda dedameda dimeda	dadave dadave dedadave didave	dántor danto dedanto dinto	

			ACTIV	/E				
		Participle			Infinitive			
PRS PRF		edants beravés			estin vevopetin			
	edo	tu	eno	vi	ju	enoi		
PRS IMPF PRF	edmi edam beram	edsi eds beras	esti est berat	edmos edme herame	este este berate	edanti edant berant		
PRS PRF	edjém berjém	edjés berjés	edjét berjét	edíme beríme	edíte beríte	edint berint		
PRS PRF	-	ed bera	-	-	este berate	-		
			MEDIOPA	SSIVE				
		Participle			Infinitive			
PRS PRF		edmanos beramnos			edmin beramin			
	edo	tu	eno	vi	ju	enoi		
PRS IMPF PRF	édar eda bera	éstar esta berata	éstor esto berato	edmosda edmeda berameda	esdave esdave beradave	édantor edanto beranto		
PRS PRF	edí berí	edíta beríta	edíto beríto	edimeda berímeda	edidave berídave	edínto berínto		
PRS PRF	-	edso beraso	-	-	esdave beradave	-		

			ACTIV	Æ			
		Participle			Infinitive		
Present		veponts vepsei					
Perfect		ukvés uksei					
	edo	tu	eno	vi	ju	enoi	
Present	vemmi	vepsi	vepti	vemmos	vepte	vepanti	
Imperfect	vepam	veps	vept	vemme	vepte	vepant	
Perfect	ukom	ukes	uket	ukome	ukete	ukont	
Present	ucjém	ucjés	ucjét	ukíme	ukíte	ukínt	
Perfect	ukojam	ukois	ukoit	ukoime	ukoite	ukojant	
Present	-	vep	-	-	vepte	-	
Perfect	-	uke	-	-	ukete	-	
		N	IEDIOPA	SSIVE			
		Participle			Infinitive		
Present		vepamnos			vemmenai		
Perfect		ukomnos			ukomenai		
	edo	tu	eno	vi	ju	enoi	
Present	vepar	veptar	veptor	vemmosda	veddave	vepantor	
Imperfect	vepa	vepta	vepto	vemmeda	veddave	vepanto	
Perfect	uka	uketa	uketo	ukomeda	ukedave	ukonto	
Present	vepí	vepíta	vepíto	vepímeda	vepídave	vepínto	
Perfect	ukoja	ukoita	ukoito	ukoimeda	ukoidave	ukojanto	
Present	-	vepso	-	-	veddave	-	
Perfect	_	ukeso	-	-	ukedave	-	

			ACTIV	Έ			
		Participle			Infinitive		
Present		vidonts vinsei					
Perfect		vidvés			visei		
	edo	tu	eno	vi	ju	enoi	
Present	voida	voista	voide	vidme	vide	vider	
Imperfect	vinem	vines	vinet	vinome	vinete	vinont	
Perfect	videm	vides	videt	vidome	videte	vidont	
Present	vinjém	vinjés	vinjét	viníme	viníte	vinínt	
Perfect	vidjém	vidjés	vidjét	vidíme	vidíte	vidínt	
Present	-	vis	-	-	viste	-	
Perfect	-	vid	-	-	videte	-	
		M	EDIOPA	SSIVE			
		Participle			Infinitive		
Present		vidamnos			vinmenai		
Perfect		visamnos			vismenai		
	edo	tu	eno	vi	ju	enoi	
Present	vinar	vintar	vintor	vinmosda	vindave	vinantor	
Imperfect	vina	vinta	vinto	vinmeda	vindave	vinanto	
Perfect	visa	vista	visto	vismeda	visdave	visanto	
Present	viní	viníta	viníto	vinímeda	vinídave	vinínto	
Perfect	visí	visíta	visíto	visímeda	visídave	visínto	
Present	-	vinso	-	-	vindave	-	
Perfect	-	viso	-	-	visdave	-	

			ACTIVE			
	Participle			Infinitive		
Present	bidonts			bidesei		
Perfect	befidés			befidesei		
	edo	tu	eno	vi	ju	enoi
Present	bido	bidesi	bideti	bidomos	bidete	bidonti
Imperfect	bidom	bides	bidet	bidome	bidete	bidont
Perfect	befidom	befides	befidet	befidome	befidete	befidont
Present	bidojam	bidois	bidoit	bidoime	bidoite	bidojant
Perfect	befidojam	befidois	befidoit	befidoime	befidoite	befidojant
Present	-	bide	-	-	bidete	-
Perfect	-	befide	-	-	befidete	-
		M	EDIOPASSI	VE		
	Participle			Infinitive		
Present	bidomnos			bidomenai		
Perfect	befidomnos			befidomenai		
	edo	tu	eno	vi	ju	enoi
Present	bidar	bidetar	bidetor	bidomosda	bidedave	bidontor
Imperfect	bida	bideta	bideto	bidomeda	bidedave	bidonto
Perfect	befida	befideta	befideto	befidomeda	befidedave	befidonto
Present	bidoja	bidoita	bidoito	bidoimeda	bidoidave	bidojanto
Perfect	befidoja	befidoita	befidoito	befidoimeda	befidoidave	befidojanto
Present	-	bideso	-	-	bidedave	-
Perfect	-	befideso	-	-	befidedave	-

to throw: jek, jeks, jekt ime, ite, int

Prepositions

NOTE: Perhaps treat adverb-like prepositions as if they were prepositions with a null object

11.1 General overview

A preposition accepts a noun or noun phrase. (THIS SECTION IS INCOMPLETE)

Conjunctions

Derivational morphology

Part III Syntax

13.1 Standard word order

Danetian is an SVO language, like many other languages in Europe. However, thanks to its rich inflectional morphology, this word order is fairly flexible. (THIS SECTION IS INCOMPLETE)

13.2 Copula omission

The copula can be optionally omitted if it is in the present tense.

- Aicaterina en Gallí. (Catherine [is] in France).
- Petros mechaniskos insjenier. (Peter [is] a mechanical engineer).
- Nestor i Antonios physicoi. (Nestor and Anthony [are] physicists).
- Benjamín viros, de Alexandra bena. (Benjamin [is] a man, and Alexandra [is] a woman).

If it's not in the present tense, then the copula can still be omitted, provided that it was used in the same tense in a previous sentence. This way, the tense of the copula is understood from context.

• En prameni but Verdom, da Verdom opi Divosjo, da Divos Verdom. (In the beginning was the Word, and the Word [was] with God, and the Word [was] God).

13.3 Possession

Unlike most European languages, Danetian does not typically use a verb *to have* to express possession. Rather, it uses a grammatical construction: Possessor-DAT copula object-NOM.

- Medjo iti estin rufra automobilis. (I will have a red car).
- Petroi i Nestorei esti bibliom physicas. (Peter and Nestor have a physics book).

• Aicaterinai bunt tres bles. (Catherine had three apples).

Of course, the copula can also be omitted according to the rules in section 13.2.

Time expressions

- 14.1 Hours and minutes
- 14.2 Days of the week
- 14.3 Days of the month
- 14.4 Months and years

Negation

Questions

- 16.1 Binary questions
- 16.2 Open-ended questions

Emphasis and word order