# **Spelling Manual**

# **Eastern James Bay Cree Syllabics**

# 2017 revision by

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# based on the 2004 version by

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# **Table of Contents**

Introduction	3
Syllabic Chart - Eastern James Bay Cree	4
Part One: Dialect Differences	5
1.1 The syllabic chart	
1.2 North - South differences	
1.3 Eastmain speakers	
1.4 Y, Z, Y, ¬, and ¬, ¬, ∞, ∞, ∞, ∞	
1.5 Writing to at the end of a word	
1.6 Inland and Coastal differences in pronunciation	
Part Two: ↑"b"Ċba" The Use of Dots	8
2.1 Dots Over a Syllabic Symbol	8
2.2 Dots in Front of a Syllabic Symbol	9
Part Three: Syllabic Finals	10
3.1 Small syllabic symbols at the end of a word	
3.2 No L or a in the middle of a word	
3.3 b and d at the end of a word	11
3.4 How the small syllabic symbols change when an ending is added	13
3.4.1 Words ending with <, <sup>c</sup> , <sup>b</sup> , <sup>c</sup> , <sup>c</sup> , <sup>c</sup> , <sup>c</sup> , <sup>c</sup> ,	13
Animate Plural Suffix	13
Locative Suffix	
Diminutive Suffix	
Possessive Suffix	
3.4.2 Words ending with a	
3.4.3 Words ending with °	
3.4.4 Some exceptions	
3.5	
3.6.1 "(h) in the middle of a word	
Inanimate plural marker	
" (h) on expressions of time	
" (h) on habitual verbs	
" (h) as a marker of Imperative verbs for second person singular forms	
3.6.3 " (h) in the Locative suffix	
3.6.4 "(h) in verb suffixes	
3.7 Large syllabic symbols that sound like finals	
Part Four: $\Delta$ , $\dot{\Delta}$ and $\dot{\Gamma}$	26
4.1 △ or → at the end of words	
4.2 Δ and Δ in the middle of a word	28
4.3 Using >	28
4.4 New spelling for Co and Cdo, CC and CC or	30
Part Five: Syllabic Symbols not to forget to write	31

5.1	Short ∆ or ≺ at the beginning	31
5.2	Δ and Δ	
5.3	·Δ° at the end of a word	31
5.4	·◄c at the end of a word (A NEW RULE Fall 2015)	
5.5	σ at the beginning of a word	32
5.6	↑ at the beginning of a word	33
5.7	r in the middle of a word	33
Part S	ix: Adding endings to nouns and verbs	34
6.1	Adding a suffix to nouns which end in °	
6.2	Adding endings to nouns which end in $\Delta$	
6.3	Adding endings to nouns which end in $\dot{J}$ , $\dot{\sim}$ , $\dot{J}$ , $\dot{\dot{J}}$	35
6.4	Adding endings to verbs which end in $\dot{\triangleright}$ , " $\dot{\triangleright}$ , $\dot{\triangleright}$ , $\dot{\flat}$ , $\dot{\flat}$ , $\dot{\triangleright}$ , $\dot{\flat}$ , $\dot{\wedge}$ , $\dot{\wedge}$ , $\dot{\vee}$ , $\dot{\vee}$	
6.5	Adding endings to verbs which end in ° or L	
Part S	even: Boundaries	37
7. 1.		
7.2	Using a preverb	
7.3	Making compound words	41
Part E	Eight: New spellings as of summer 2015	44
Part N	line: Punctuation	50
9.1	Ր<"∆bo∽ Period	50
9.2	Δ <sup>៶</sup> dĊJ·Ϥ˙bͼ, ͼ"ϤĊJ·Ϥ˙bͼ Comma	
9.3	Question mark	
9.4	Quotation marks	51
Part T	en: Writing Names	51
Part E	Eleven: Standard Roman Orthography (SRO)	52
	nition	
Vow	vel length: hats or double vowels	52
Com	phination of finals	52

#### Introduction

People have been writing syllabics using their own style, depending on where they learned the system, which community they come from, how old they are and what pronunciation they use. This manual has been prepared to help people write the Cree syllabics in a more consistent way.

Cree Language and Culture teachers and linguists together with the Education Consultants in Cree Programs have been working toward a consistent spelling system for the Southern and for the Northern dialects for many years. The process is still ongoing and this manual is being updated periodically. There have been spelling revisions since the first Cree Lexicon was published in 1987. Subsequent publications of books and dictionaries incorporated the spelling changes, and so will the next print and online publications.

Although each Cree community in the James Bay area has its own distinct style of speaking the language, there are two main dialects of Cree with different pronunciations, so there are two main ways of spelling - Northern and Southern.

# **Syllabic Chart - Eastern James Bay Cree**

					-	,				
									Finals	3
	$\nabla$	<u>^</u>	<u>.</u> .	$\triangleright$	$\dot{\triangleright}$	◁	Ä		0	 1
	e	i	ii	u	uu	a	aa		u	h
	·∇ we	·∆ wi	∙∆ wii	·⊳ wu	·⊳ wuu	·⊲ wa	∙⊲ਂ waa			
·\/ pwe	V pe	∧ pi	∴ pii	> pu	;> puu	< pa	∹ paa	·< pwaa	< p	
.∪ twe	U te	∩ ti	∴ tii	) tu	tuu	C ta	Ċ taa	·ċ twaa	c t	
.9 kwe	9 ke	ρ ki	ρ̇ kii	d ku	j kuu	ь ka	Ь kaa	.¡⊾ kwaa	ь k	в kw
∙∩ chwe	ገ che	ρ chi	Ċ chii	J chu	j chuu	Ն cha	i chaa	.ز chwaa	ս ch	
·7 mwe	⊓ me	Г mi	Γ mii	」 mu	j muu	L ma	Ľ maa	. <u>i_</u> mwaa	L m	
·-o nwe	ne	σ ni	ь nii	<u>o</u> nu	ف nuu	o_ na	ċ naa	.ċ_ nwaa	o n	
·¬ lwe	ie	⊂ li	ċ- lii	ے lu	نے luu	∟ la	نے laa	.خ lwaa	د 1	
. Կ swe	ነ se	ر si	ز sii	ر su	نر suu	հ sa	ίς saa	.نر swaa	s s	
.∿ shwe	\ she	∫ shi	ர் shii	∾ shu	∴ shuu	∽ sha	∴ shaa	·∴ shwaa	∽ sh	
·4 ywe	4 ye	۲ yi	; yii	√ yu	ز yuu	ь ya	ن yaa	ن. ywaa	y	
·¬ rwe	¬∪ re	∩ ri	ċ rii	P ru		۲ ra	ร๋ raa		s r	
·∜ vwe	∨ ve	۸ vi	κ vii	> vu	⊳ vuu		<b>々</b> vaa	· <b>Ċ</b> vwaa	々 v, f, pl	h
.∪ thwe	じ the	ດ thi	់ thii	ງ thu	່ງ thuu	C tha	ල් thaa	.ċ thwaa	e th	

#### Part One: Dialect Differences

### 1.1 The syllabic chart

The full syllabic chart shows all the symbols that are used in writing Eastern James Bay Cree. Some symbols are used only in the Southern dialect, not in the Northern, as explained below.

#### 1.2 North - South differences

Speakers from Wemindji, Chisasibi, Whapmagoostui, and sometimes Eastmain use  $\checkmark$ ,  $\dot{\mathsf{L}}$ ,  $\dot{\mathsf{L}}$ ,  $\dot{\mathsf{L}}$ ,  $\dot{\mathsf{L}}$ ,  $\dot{\mathsf{L}}$ , instead of  $\nabla$ ,  $\nabla$ ,  $\nabla$ ,  $\nabla$ ,  $\nabla$ ,  $\nabla$ .

Southern	Northern
<b>⊅</b> ୮"·6°	<b>₫</b> ୮"⋅৳°
<b>V</b> Þª	<b>ં</b> ≻∘
<b>U</b> ·∇"Δ̈β°	<b>Ċ</b> ·Þ'\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
<b>9</b> a.·	<b>b</b> o·di/Lc
<b>1</b> .p.	<b>i</b> .p.
<b>1</b> 7∧∂ <sup>i</sup> °	<b>Ĺ</b> Ĺ∧¿iª
ᢀᢆ	<b>ف</b> .⊲ं°
<b>\</b> ^¿	<b>ኒ</b>
$\mathbf{V}$	<b>ن</b> ەنى
<b>4</b> b°	<b>Ļ</b> ċ°

Southern	Northern
°خاته	۰ځغه۸
<b>C</b> "bi>°	<b>∩</b> "bi>°
<b>b</b> < <sup>c</sup>	P∧c
U"bV∽	<b>ſ</b> "b<'~
<b>L</b> ra"À6°	<b>୮</b> ٢૦"ఏ٢°
ڡٵ؍	σĽ
<b>\</b> io°	٦ <sub>6°</sub>
<b>∞</b> .△5]°	<b>∿</b> ⋅⊴≻Ľ°
<b>ၟ</b> ୴Րℴ┖	<b>/</b> "ՐԺ <sup>L</sup>

However, ◀ is used in both Northern and Southern dialects at the beginning of a word, and after " in some verbs.

Southern	Northern
<b>d</b> ∪ <sub>"d</sub>	<b>⊲</b> ∩"d
<b>⊲</b> Γ <sup>५</sup> <sup>6</sup>	<b>⋖</b> Г५७
<b>⊄</b> L" <sup>d</sup>	∢۲∥۵
⊳ċL" <b>⊲</b> L	⊳ĊГ" <b>⋖</b> Ľ

#### 1.3 Eastmain speakers

In Eastmain, speakers use both Southern and Northern pronunciations since the community is on the boundary of the two dialect areas. Sometimes the two pronunciations are used in a single word, or show up in the written form.

#### 1.4 Y, Z, Z, Y and √, √, ∞, ∞, ∞

ዓ	<b>√√∞∞∞</b>
<b>\</b> Ġ	∿∟՟
<b>ૺ</b> ૺૺૺ૾	<b>√</b> b⁴
<b>,</b> ⊳	<b>ၞ</b> ᢢ᠔ᠳ
$\bigvee$ $\bigvee$ $\sigma$	ં <b>∾</b> ∙⊴ં°
>نم	<b>~</b> ib°
<b>Կ</b> ቦ <sup>ֈ</sup>	نهٰت
<b>\</b> b· <a>°</a>	<b>⋄</b> .△≻٦°

# 1.5 Writing <sup>t</sup> at the end of a word

There is a tendency for southern coastal speakers to pronounce <sup>t</sup> as <sup>c</sup> at the end of words. Special attention is needed when writing final <sup>t</sup>.

Write	Not
Ż≻γ <b>ι</b>	$\nabla$ $+4c$
∇ ܡڏٰ۶ <b>"١٠</b>	۷ م≺زنار
∇ V7∩; <b>r</b>	ס"לִט"נ∧ ∇
Ÿ54;~0▷ <b>r</b>	<u></u>

Note that there are words that **do** end in **c** (such  $\neg \dot{b}^c$ ,  $\nabla \sigma <^c$ ) and these ones should not be changed to  $^{\bf L}$ .

# 1.6 Inland and Coastal differences in pronunciation

There is a dialect difference between Inland and Coastal Southern speakers in the pronunciation of certain words such as the ones below. Such words are marked in the dictionary as either 'coastal' or 'inland'.

Coastal	Inland
٥- أح	ح <b>ا</b> رًا م
σൎ <b>∀</b> ∽<	ϭʹϟ <b>ϒϭʹ</b> ϭʹ
خا⊤ <b>۲</b> خ	خ۵٦٦ <b>ح</b> ۲۰۱
<u> ۲</u> ۶۰	ڡ۬ۮ
Ĺŗ∪ҶҾ <b>Ѻ҈ѺҾ҉</b>	ӶҸ∩ҁҾ⊳ѽ <b>ѽ</b>
⊸L√Ģ⊳ <b>Ģ⊁</b> Ą	ڡ۬ڬٙٙٙٙٙڬٵؖؗؗ
ſ₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	ſ'nċĠ⊳Ġ <b>Ġ</b>
<b>ላይ</b> /	<b>፟ዾ፞፞</b> ፟፟፟፟፟፟፟፟፟፟፟፟፟፟
<b>ڬڼ</b> ؞؞	ڬؙڝؙۮ
<b>∀</b> 7~9∩°	Åσ∽d∪°
<b>Ÿ৮イ</b> ˌ <sup>୵</sup> ·d。	٩٥.٠٩٥
<b>₹</b> ≻⁴∾∩。	∘∪∾فـۀ
<b>△4△</b>	<b>ൎ</b>
<b>Å</b> ⊁┌╺║	<b>ڬ</b> ۬ٛٛ <i>ه</i> ڗڝ۬ٵ
∆ <b>ن</b> ہ"∩	<b>ۮؙڡؙ</b> ۩۩ٷ
<b>⊲"Å</b> ∴̇́	<b>⊲"⊿</b> ∴́
⊳⋰⋬॓┐५°	⊳♪"◀٦५°
<b>∴</b> ♭•	<b>∴</b> -}°
⊲ <b>&gt;</b> Δ"ๅ°	<b>⊲&gt;</b> "∩°
>" <b>ſd</b>	⊳"∩ <b>₫∘</b> /⊳"∩ <b>₫</b>
-p·ዻ゙Vb <sup>-</sup>	~`~`d\\p_\\\^\\\p\\\
V6 <b>U</b> ''C <sup>L</sup>	V6∪ <b>3</b> C <sup>L</sup>
⊲ <b>₁Ր</b> ∽βւ	⊲५ <b>∪</b> ∼₽г
Ç <b>⊳</b> U°	<b>∴.∆</b> 4
<b>Ċ</b> <	<b>b &gt;</b> <

# Part Two: Ր"ե∽Ċե≏" The Use of Dots

# 2.1 Dots Over a Syllabic Symbol

A dot above a syllabic symbol marks a long vowel. The dot can be used over the  $\triangle$  set, the  $\triangleleft$  set or the  $\triangleright$  set. There is no dot over the  $\triangledown$  set.

Short (no dot)		Long (with dot)	
i	<b>V</b> ∾9∩₀	$\mathbf{\dot{\Delta}}$ $\mathbf{\dot{\Delta}}$	ii
wi	<b>∙∆</b> 与<7°	<b>·</b> <u>᠘</u> ΓσΓ	wii
pi	<b>V</b> L<4	<b>,</b> L<4	pii
ti	U<,	<b>Ų</b> · <c< td=""><td>tii</td></c<>	tii
ki	<b>6</b> ℃	<b>ċ</b> <	kii
chi	<b>ل</b> .ن_ ه	Ļ̰	chii
mi	<b>r</b> r¿	<b>广</b> Րᄼൎ	mii
ni	σÀ	ĠΛ̈́∽	nii
si	<b>r'</b> \j	<b>₁</b> ⊳∴₁	sii
shi	<b>√</b> ₽٩	<b>Љ</b> Ь"Þ	shii
u	<b>&gt;</b> "<">>	<b>⊳</b> า∘	uu
pu	<b>&gt;</b> ·⊲ਂ∪°	<b>&gt;</b> ⊹°	puu
tu	<b>)</b> .⊲ं°	<b>`</b> j" <j°< td=""><td>tuu</td></j°<>	tuu
ku	<b>d</b> C\range\circ\circ\circ\circ\circ\circ\circ\cir	٩°	kuu
chu	L <b>J</b> ♂∽	<b>j</b> j∿ċ>△	chuu
mu	<b>J</b> ൎഺ഻ൎ	اُد ا	muu
nu	•.∆۲۰۵۶	ا⊘"ا	nuu
su	$\wedge$ $\wedge$ $^{\parallel}$ $\cup$ $^{\circ}$	<b>رن</b> "ه	suu
shu	√ <b>~</b> ¬°	<b>~</b> :".9°	shuu
yu	<b>۲4</b> ∻	<b>નં</b> ∩∘	yuu

Short (no dot)		Long (with d	Long (with dot)		
a <b>∢</b> ∩⁰		₫"Ր゚	aa		
wa	<b>.</b> ♦િ∾ঀ	· <b>ૅ</b> °	waa		
pa	<b>&lt;</b> "॑o°	<b>&lt;</b> "bor	paa		
ta	<b>C</b> "∩¬o°	<b>Ċ</b> "ſ¬¬°	taa		
ka	<b>Ь</b> ′Ь٦ൎ_	<b>ൎ</b> 6~6"ൎ∆6°	kaa		
cha	<b>U</b> "bV~	<b>ં</b> "ઠં <sup>ડ</sup> .૧૨ં	chaa		
ma	<b>L</b> └<५ं	<b>Ľ</b> r<ċ	maa		
na	<b>₽</b> \<4	ڡ۫ڒ∨°	naa		
sa	<b>\</b> b·∨°	<b>៉ុ</b> ᠬ·∇ʹᡔ<기°	saa		
sha	° [4P." <b>~</b>	<b>؞</b> ٩٣٧٩٠٠٠	shaa		
ya	<b>≻</b> ∥Ր∽Ե∟	<b>;</b> 4°	yaa		

# 2.2 Dots in Front of a Syllabic Symbol

Dots are written before a syllabic symbol and indicate a *w* sound before the vowel, or between the consonant and the following vowel.

No w-dot in front		w-dot in front	
e	A∾q	∙∆∾РՐ	we
a	<b>⊲</b> Րե∽	·∢L∾q	wa
i	<b>ፚ</b> ፞፞፞ጘዻ፞፞>	· <b>∆</b> ≺∽	wi
ii	Å∹∩℉	<b>∙⋩</b> < <sup>∟</sup>	wii
aa	<b>⋖</b> <∩°	<b>∙Ą</b> <°	waa
pe	<b>V</b> Ċ°	Ċ∙ <b>V</b> °	pwe
paa	<b>,</b> ∽ċ	· <b>&lt;</b> ~;	pwaa
te	℧·∆"Ϧ₽	∆·U°	twe
taa	<b>Ç</b> V~9°	<b>∙¢</b> <⊦ਂ	twaa
ke	<b>9</b> "9ª	<b>∙9</b> ५∪"	kwe
kaa	C" <b>b</b> °	<" <b>.þ</b> °	kwaa
chaa	i₅	<b>∙i</b> b⊂ <sup>c</sup>	chwaa
me	<b>1</b> .6 <sup>6</sup>	<b>・</b> Ţ" <sup>レ</sup>	mwe
maa	Ľ٥	٠Ľ٩	mwaa
naa	ſ <b>ċ</b> °	ቦ <b>·ൎፌ</b> °	nwaa
se	⊳ <b>५</b> ⋅∇<₹ <sup>i</sup>	∆ൎ <b>⊱.Կ</b>	swe
she	<b>∿</b> dს	Ĺ <b>σ∙∿°</b>	shwe
yaa	<b>ૻૢ</b> ૾⁄<<	<b>∙•∕</b> า<₹	ywaa

# Part Three: Syllabic Finals

The syllabic finals are a small version of the last column of regular size symbols on the chart. They are used mainly at the ends of words. 'and 'are also used in the middle of words. The syllabic finals may be used alone or in a set of two or three, but no more than three in a row are used. When there are three in a row, the last one is always ".

# 3.1 Small syllabic symbols at the end of a word

One symbol	Two symbols	Three symbols
Γ∩"Ċ"		
· <b>ં</b>	.⊲ioII	
ċ_ <b>\</b> °	Ç. VoII	
<b>C</b> <	<dd<< td=""><td>&lt;19&lt;</td></dd<<>	<19<
>نر	اי>نم	
⊳ <sup>4</sup> b <sup>c</sup>	⊳'nòcıı	
<c< td=""><td>۲<sup>۱۱</sup>۲, .ڼ<b>؞</b>۲</td><td>.Ż∽¢II</td></c<>	۲ <sup>۱۱</sup> ۲, .ڼ <b>؞</b> ۲	.Ż∽¢II
<b>Jb</b>	$\bigcap \bigcap $	
L∾∪q	$\triangleleft \cup_{II  q}$	$\triangleleft \cup_{ii q ii}$
طِنٰړ <b>د</b>	⊳∩≒⊔	
$\triangleleft \cap_{\Gamma}$	$\triangleright \cup^{LII}$	
⊳ċ< <b>°</b>	ÞÇÇøII	⊳ċ<ċ_'¹d''
ΓĊ <b>¹</b>	ΓĊ <del></del> 'n	
<.\d\s\s	العرن الم	
· <j<•< td=""><td>.نِ</td><td>.Ż∽¢II</td></j<•<>	.نِ	.Ż∽¢II
·\(\doldred\).	$\sigma^{hb}$	$\sigma^{5611}$
	⊳÷~νb	⊳ċ∽ы
	<\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<  Fraii
	¿∆,	
	⊳7mc, .Ÿnc	.ċ∽cII
	Γίζιι <b>σ</b>	

10

#### 3.2 No L or a in the middle of a word

Do not write the small syllabic finals <sup>L</sup> and <sup>a</sup> in words like the ones below; note however that many small symbols are used in the middle of personal names.

Write	Not
Ċ <b>σ</b> ∪"	ڔؘڡ∪"
$\triangleleft oldsymbol{\sigma} \cup$ "	$\triangleleft$ $\circ$ $\cup$ "
⊲ <b>ଟ</b> ଼ି	d°Ė
Ĺ <b>σ</b> ∪°	Ű∪°
	<del>م</del> ل
<b>♂</b> D"d2°	°7"47°
<b>♂</b> ⊃"(L	م⊃"(۲
<b>♂</b> `⊃"`>	ď"Ć•
ᠳ <b>Ċ୮</b> ∀Ძ"Ს	حـزـٰد٧٩٣١
<b>∨L&lt;</b> 4	Vr< <u>4</u>
<b>₫Г&lt;</b> ₹	⟨ir
<b>УL</b> <4	Ņr<4

#### 3.3 b and d at the end of a word

Only a small number of words end in  $\,^{\,\mathbf{b}}$ ; most words end in  $\,^{\,\mathbf{d}}$ .

<u></u> ြဲ ၆	b_i.
9C <b>p</b>	Γσ <b>∽∩d</b>
V~9( <b>p</b>	$\nabla_{\sim} V L_{\parallel} C_{\mathbf{q}}$
<b>ე</b> ь	Jq
<sub>Ծ</sub> -հ <b>6</b>	<u> </u> ԼԿ <b>Դ</b>
<b>d∧p</b>	ŀĊŢŲď
>;~ <b>°</b>	·∆o∽d
<u>۵</u> ۲۱۵	ĹŗŶĠſſ
$\triangle \sim \cdot \triangle + \Gamma_{\boldsymbol{\rho}}$	·Þ\&\\\$
<b>ه</b> "نے	Γσ"Δ <b>΄</b>
Ċ <sub>σ</sub> -ρ˙ <b>b</b>	j-q
j∇¹ <b>₀</b>	Նբ <b>∾գ</b>
<b>⊳</b> ५ <b>८</b> ५ <b>७</b>	▷¹Ր¹Ր<  def and many more

You must pay attention to d and b at the end of verbs.

For most words ending in  $^{\bullet}$  be careful to write  $\Lambda$ ,  $\cap$ ,  $\mathcal{I}$ ,  $\sigma$  and not >,  $\supset$ ,  $\sim$ ,  $\square$  before final  $^{\bullet}$ .

Write	Not	
L∾Uq	PC~J	
ᡗ᠆ᠣ᠕ᠣ	^⊸>⁰	
<b>ŗ∿</b> •	Ļ~°	
⊳∾Ļ <b>∿</b> ₫	D~↓∽q	
Ÿŗ'nU°∖Ÿợ'nU°	<sup>ئ</sup> ذ"كم / هر"كم	
Γσ <b>∽∩</b> ₫	Γσ∽Ͻͼ	
ѵ҅҆<҅҉҅҅҅҇҅҇҅҅҇҅҇҅҇Ѻҩ	られから	
ℐ഻഻഻	。とく~うか	

Certain words, however, use  $\leq$  instead of  $\Lambda$  in the Southern dialect.

Southern	Northern
<b>₽</b> ₽₽₽₽	iol∧°
·ϔϞϹ⋖ۄ	∙⅓ィ┖╲₄
⊳₁∪₁∪≺₫	⊳ᡪᢕᡳᠰ
Ļ"Ÿ·△ <b>&lt;</b> q	
$\nabla_{\sim} \vee L_{\parallel} C_{q}$	$\nabla_{\sim} V L_{\parallel} U_{q}$
<b>Ċ</b> "d" <b>C</b> ø	<"₀"∩°
o<\q	ᢩ᠆<ᢉ᠋᠒ᢐ

# 3.4 How the small syllabic symbols change when an ending is added

# 

#### Animate Plural Suffix

When you add this **ending**, just make the final big, then add .

Use <, C, b, L, a, b, ∞.

Singular	Plural
<u></u> ٠٠٠٠	ⅉⅉ≺ℴ
؆ؚڬ؞؞ڔ؆ؚ؆؞؞؞	ἤϟϭϹͱʹʹʹϪͼʹϭϹͱ
<b>⊳</b> 1₽	⊳Դ <b>Ե</b> Ն
⊲نٰہ <sup>د</sup>	⊲≒L∪
∇Γ"·b <b>°</b>	77".p <b>o</b> r
<b>م</b> ٦ <b>٠</b>	ୁ ଅ <b>ଧ</b> ୍
-\d'\co</th <th>⊲.ସ୍∾ା</th>	⊲.ସ୍∾ା

#### Locative Suffix

Word	Word + Locative
<u></u> ٠٠٠٠	ᄼᄼ <b>ᄼ</b> ᄉᠬᡕ
.خ <b>ه</b> ۰	·ʹϳϷϹͿ;;
⊳∂₽	⊳Դ₽ייն
.⊲ٍٰل	·⊲ׂՐייי
⊲ <sup>ن</sup> ړ <b>د</b>	⊲≒۲™
<b>∆</b> L	∇୮"·ൎ5 <b>σ"</b> ι
<u>م</u> ٦٠	م⊓۲ <sup>™</sup> ۱
ĠΛ̈́°	<b>∂</b> ்∕ <b>்</b>

#### Diminutive Suffix

When you add the diminutive ending you usually change the small syllabic final <, c, b, c, c, c to big A, C, C, C, C, C.

Word	Word + Diminutive
<	
Luc	<b>L</b> " <b>U</b> ~
⊳J₽	⊳₁ <b>p∽</b>
.⊲்⊾	۰⊲۲∾
⊲نٰہ <b>د</b>	⊲≒r∽
∆L	∇Γ"·b <b>σ∽</b>

Be careful with the diminutive of words where final  $\dot{}$  changes to  $\mathcal{I}^{\circ}$  or  $\dot{}$ . In addition, the following changes may take place  $\cap$ ,  $\dot{\cap}$ ,  $\rightarrow$ ,  $\dot{\circ}$ ,  $\dot{\circ}$  change to  $\dot{\cap}$ ,  $\dot{\uparrow}$ ,  $\dot{\downarrow}$ ,  $\dot{\downarrow}$ , and  $\dot{\downarrow}$ ,  $\dot{\downarrow}$ ,  $\dot{\downarrow}$ ,  $\dot{\downarrow}$ ,  $\dot{\downarrow}$ , change to  $\mathcal{I}$ ,  $\dot{\mathcal{I}}$ ,  $\dot{\circ}$ ,  $\dot{\circ}$ ,  $\dot{\circ}$ ,  $\dot{\circ}$ .

Word	Word + Diminutive
ΓĊ	ΓĊʹʹ
<u>م</u> ٦ <b>٠</b>	ୁୃା∕∽
<≻Ļ <b>^</b>	<5¢
₽ <b>'⊳</b> ∩ <b>`</b>	
⊳ <b>ċ</b> <ं°	⊳İ∹σ∽

Another exception is the change of final **b** to **C** in a few words:

#### Possessive Suffix

When the possessive endings are added, little <, c, b, c, c, a, b, a become big  $\Lambda$ ,  $\Lambda$ ,  $\Lambda$ ,  $\Lambda$ ,  $\Lambda$ ,  $\Lambda$ ,  $\Lambda$ .

Word	Word + Possessive
<u></u> ڼڼ<	ᡒᡣᡝᢢᠰ
L.c	<b></b>
ĊσĠb	σ         σ
.⊲̇ <b>ι</b>	σ∙⊲ <b>ંՐ</b> L
1 <b>6</b> •	ᠳᠬ <b>ᡠᠦ</b> ᠘
۵٦ <b>٠</b>	ᠤᡆ᠋ᡟ᠇
976 <b>°</b>	ᠳᢗᡗ <b>ᡠᡗ</b> ᠘

Here is a summary of how the finals will change:

	Animate	Diminutive	Locative	Possessive
	Plural			
<b>ᡣ</b> ᢢ<	ⅉⅉ≺℩	ⅉⅉÅ∽	ⅉℊ℣ℴ	ᡒᡠ᠕ᢆ᠘
⊳i¢	⊳i€	⊳i∩∽	⊳i∩"º	∟ناف
⊳J₽	⊳ე <b>ხ</b> ს	⊳⊳େ	⊳ๅ₽"╚	_் <b>ிP</b> ட
⊲نٰ۲ٍ۲	⊲≒∟⁰	⊲પંΓ∽	⋖┆┖┉	
DL	75"·p <b>o</b> r	∇Γ"·b <b>σ</b> ∽	∇Γ"·6 <b>σ</b> "ι	
<b>د</b> ام	<b>ݐ</b> ╗ <b>┦</b> 。	ചി <b>∕</b> ∽, ചി∕്∽	ݐ <b>┦┛</b> ┉	ᠤᡆ᠋ᡟ᠘
97p2	ari <b>~</b> i	⊲rb <b>√</b> ∽	⊲∩Ġ <b>ℐ</b> ℡	ᠳᢗᡗᡖ <b>ᡗ</b> ᠇

# 3.4.2 Words ending with <sup>d</sup>

The little d changes to big d when an ending is added.

	Animate	Diminutive	Locative/	Possessive
	Plural		Simulative	
$\triangleleft \cap$ "d	$\lhd \cup$ " $\mathbf{q}_{r}$	⊲∪" <b>d</b> ∽	$\lhd \cap$ " $\mathbf{d}$ " $L$	۵-ر∪ <b>،۹</b> ۲
<\rangle \Gamma\dagger \dagger \dagge	⊲Ľ₁ <b>d</b> ⋴	⊲୮₁ <b>d</b> ∽	⊲୮'nď"º	$\sigma$ CL $^{\prime}$ <b>d</b> $^{\circ}$
$\triangleleft$ $^{\prime}$ $^{\circ}$	◁ԿՐ" <b>Ძ</b> Ს	୍ବ୍ୟ <b>ା</b> d∽	◁ʰՐ" <b>Ძ</b> "Ს	σᢢ᠂ᢩᢣ᠕ <sup>ᡕ</sup> <b>d</b> ᠘
·⊲̇< <sup>५</sup> ₫	· <^<b d^	·⊲ੑ< <sup>ړ</sup> <b>d</b> ∽	· <\<b d"\	ℴ·ⅆ< <sup>ℷ</sup> ┫ <sup>∟</sup>
<b>b</b> _j.	۰Ľ۹۰	·Ĺ <b>d∽</b>	٠Ĺ <b>d</b> "١	Ժ. <b>Լժ</b> ւ

#### 3.4.3 Words ending with °

When the animate plural ending is added to a noun, the • becomes ▶.

When the animate plural ending is added to a verb, the • becomes ▶.

When the diminutive, locative or possessive ending is added to a noun, the • is dropped.

	Diminutive	Locative/ Simulative	Possessive
ċ√°	٥٧°	ف\اال	σėVL
ĹσU <b>°</b>	ĹσU∽	ĹσU" <sup>ι</sup>	ح <b>ل</b> و∪٢
⊳ri∘	⊳ri∽	⊳ſĹ" <sup>ι</sup>	خ٦٦٦

If the suffix is "(h), then the • is kept.

#### 3.4.4 Some exceptions

Be careful of the following words where 'becomes 'becomes 'becomes 'becomes 'becomes 'when an ending is added.'

	Animate Plural	Locative/ Simulative	Diminutive
$\lhd\cap_{\Gamma}$	$\triangleleft \cap J_{r}$	⊲∩اיינ	⊲r]∽
۲۲	⋌┦┛┖	∴⊦⅃┉	<b>∼L</b> Y∖
j۶	اہرا	اہراال	J∾∽
· <j>~</j>	۰⊲̇> <b>~</b> ۲	·⋖⋈⋗	· ~~

More examples of words with these endings:

⊲Ur	۲۲۲	j۲	·4>~
√J"b°	۲۰\ <b>٦</b> "٥٩	عرا <b>لم</b> ار	·Þ°
۸۲۰۶۵۲۱۲	ᢢᡳ <b>᠋</b> ᡪᢐ᠋ᡎᢓ᠙	ቯ፞፞፞፞፞፞ዾ፞	· <b>~</b> "b°
$\neg \dot{\triangle} \cdot \dot{\triangle} \mathbf{L} \cap \triangleright$	∴√√₽∙₽	۲۶ <b>۱۸</b>	·Ϥʹͻ <b>∼</b> ϳʹϒͱ
d∪ <b>J</b> ċ <sup>c</sup>	<u> </u>	_j <b>,</b> \	৽┌৵<⊳
⊲∩ <b>⅃</b> ∽∩⋅ḃ▫	<u> ۱</u> ۲ ک	∞ىمز	∙⊴> <b>~</b> ∤٩°
⊲∩ <b>J</b> ♭°	<b>∴</b> ۲ <b>.</b> 1∽	۵- <b>ام</b> اد	·Ϥʹ> <b>∼</b> ϧϹͷϭ
◁∩┛ĊĊċ᠘Ϥ	<u></u> ۱۳۲	ا <b>الم</b> [	$\cdot \triangleleft > \sim > \cap \sigma \mathcal{S}^{L}$
$\triangleleft \cap \mathbf{J}$ $PLq$			·4> <b>~</b> ٦५·६°
⊲∩ <b>J</b> ĖſĿ			·Ϥʹ>∾⊂Γʹϳʹ
			ک> <sup>ن</sup> ر <b>ی</b> <

#### 3.5 <sup>5</sup> and ∞

Here are some words with ' and ' before a consonant. These sounds may be difficult to hear for some speakers, so check with the dictionary.

sch	shch	sp	shp
$\dot{\nabla}$ 5 $^{\prime}$ 6 $^{\prime}$ 7	Ļ∾L∿U∿ <sub></sub> ~	$\sigma$ $^{\}\wedge$ $(\cdot\nabla^{\circ}$	Ċ~;>
᠘ᠳ᠘᠘ᠳ	b~p~J₀	ᡥ᠕ᠳᢗ᠘᠂ᢦᢀ	$\Delta^{\omega} \wedge \dot{\omega}^{\circ}$
۵۲۲٦۰	]~L~9· <u>A</u> °	Ь¹Λſ°	∆∽∧j
⊲५ऐ	۰۹∾۲∿۰	Γ <sup>1</sup> >°	Ċ∽Ċ∽U°
۵ <sup>ن</sup> هر <sup>۱</sup> ۱	ن <sub>~</sub> د م	٩٠̈>	∠∿∧∿j
ᢩᠵᡳᡄ	(a)q·Ç∾r	ᡗᡃ<ᡖᢕᢛ	$\wedge^{\omega}\wedge\sigma^{CL}$
⊲₽L≀Ļ'n	<u>ن</u> ۵۰	$\cdot \triangleleft^{\backprime} \wedge \wedge^{\backprime} \wedge \triangle^{\backprime} \wedge^{}$	$\triangleleft \sim \lor \lor \circ$
۶ <sub>۲</sub> ۰۰.	٠٠.ن٥°٠	$\Gamma^4 \bigvee$ °	⊲∽√∾۲j۰
ᠣ᠂᠔ᢅ᠕᠘᠘	ቦ <b>ь</b> ኁቦൎ>	ቦ <sup>៶</sup> < <b>፟</b> ፡	$\Delta^{\omega}\Lambda\Gamma^{\shortparallel\iota}$
<sup>6</sup> ۲۵۰	V~·P~J₀	しゃくしら	∆∽<°
᠘ᡪ᠘ᠵᡨ			

sk	shk	st	sht
L₁٩·∆₀	L∾q∙∢o	$\neg \forall          $	·ÞÍ
٩٠٩	j∽bĖ	⊲י∩י	·⟨İ∽∩"∆́∩°
Г҆ЪЬ	۲∾٩٠Ÿ٥	ΓϞϽ·ϭϳ⁰	ت~ر.∧"
⊳₁७°	P~P.⊲r		م∼رِ"م <i>₀</i>
	<~٩"宀		⊲∽ċ°
	<~d~°		٩̈°CL

# 3.6 The use of " (h) 4"4·∢b°

The "(h) symbol is a difficult one to use correctly. There are a few places where it is used predictably, mostly in grammatical endings, but otherwise, you have to train yourself to hear it when someone pronounces a word.

The "(h) symbol does not occur at the beginning of a word, except in names.

For certain words, the "(h) symbol may be used more often in the Inland dialect than in the Coastal dialect.

#### 3.6.1 "(h) in the middle of a word

The "(h) is used in the middle of a word between two vowel sounds or before some consonants. Here are some examples:

Before △, Å, ▷, Þ, ຝ, ゼ, ·ゼ	Before Λ, λ, >, >, <, <, ·<, <
$\triangle_{\mathbf{n}}\triangle$	<  <   <   <   <   <   <   <   <   <
⊳"⊳r≀i	Ċ.√qin<
⊳-j"	>"<" <u>`</u> >
⊳∩"∆n°	⊳∩ <sub>II&lt;</sub>
ું⊪ું.∆ું.∾	$\triangleright_{\mathbf{II}} \land \land \land \lor_{\sigma}$
⊲"∆̇∧̇́	₽₹₽∪"<
σ <b>ਂ</b> "∇°	L⊃P <sub>II</sub> <
Ĺ∩ <b>"</b> ∆॑b°	>"∹∴
Ĺ"Ķ<ţ	⊳ <sub>II</sub> < <sub>σ</sub>
۲۲۵"۵p۵	<">>
	Γ"⊲°

Before ſ, Ċ, J, J, Ĺ, Ĺ, Ĺ, Ĺ	
⊳ċ™	
> <b>"</b> j∪°	
∆ٰالہ	
ڹڬ۩ڹ٥	
ב'ארייי,	
intin جسال	
⊲յու∟գ	
<b>٢"</b> 1)	
<b>&gt;</b> "i<¬°	
Before Þ, Þ, ⋞, ⋞, Þ, ⅓  .◁"₹  .◁\"4°  ٢º∩d"4°  4"4°  ^\"4°  ^\"4°  Å"4d¿  ¿\"4°  ¿"∀>bL  j"4.▽°  ^\\1	

You can hear the "sound clearly when you say these pairs of words:

With "(h)	Without " (h)
Liiq	La
ر:اان	۲̈̈̈̈
·∆̇́"ぐਂ°	·À<°
;>"∩° / <>"∩°	i⊳∩°
ن <sub>۲</sub> ۱۱۲۰	<u></u> 54°
L"d√°	Ld√°

Ĺ"Þ	ĹĊ
VııÇ₀	٧ċ٥
$\triangleright_{II} \cup \vee \subset_{\Gamma}$	$\triangleright$ L $\vee$ Cr
<"\\"Ċ°	Ċ∧U°
Γ"("	ΓĊʹ <sup>៶</sup>

<sup>&</sup>quot;(h) is never used before m, n, s, sh.

#### 3.6.2 " at the end of a word

At the end of a word "(h) is used to mark grammatical categories such as the inanimate plural of nouns or verbs, obviative of animate nouns, locative of nouns, imperative marker of verbs, etc.

#### Inanimate plural marker

#### **Nouns:**

Singular	Plural
⊳Ċ<œ	⊳ĊĊœ∥
Lra"Àb°	Lra"Àba"
Liic	Lucii
$\triangleright \cdot \triangleleft^{c}$	>·<
U≺LT·∇₀	$\bigcirc \Box \cdot \Box \cdot \triangle$
٥٩٩٩	ا م م م
⊳r°	$\triangleright$ $'$ C"

#### Verbs:

Singular	Plural
Γώ°	۳۰۰۱۱
<b>&lt;</b> < <b>&lt;</b> i	<b>&lt;</b> < <b>≺</b> '"
۲"·6°	Lpo
Λ"Ç9 <sub>σ</sub>	٨٩٥١١
- بوم م	- نام ا
᠘᠂ᠳ᠘ᠳ	ل·ج،٩ءۥ۱
L۲۰	L۲۰۱۱
.< <u>i</u> ∽U°	· <i>U°"</i>

·4<0

#### Animate obviative marker

#### Possessed animate nouns

- " **(h) is used** at the end when the possessor is third person (he, she, they)
- " (h) is not used at the end when the point is first or second person (I, you, we)

⊳"Ċ·∆˙"	⊳"Ċ·Āゼ <b>"</b>	>"Ċ>·ḋ°"
⊳ġ·ġп	⊳ŗ·ÿ́∽i⊓	⊳pp∴qon
⊳d৸	⊳474 <u>'</u> ''	⊳dr.∢o
⊳ULII	⊳∩L4 <u>,</u> "	⊳∪r∙⊲ं°"
⊳∽b∱⊓	⊳~PŅĄ'''	⊳∽⋴⋏⋰⊴∘॥
⊳LLu	⊳ĽĽŢ"	⊳LLr∙⊲°"

ڬ٠۬ڬ"ف	<u>؋</u> ۥڔڹؚ؋۪
σĠ·Δ	σb·Àċ°
$\sigma d^{5}$	<i>م</i> طر <i>ج</i>
$\sigma U^{L}$	ᡣ᠐᠘ᡨ
᠆᠉ᠪᡎᡕ	Ր∾ԻՆՐ
σĹĹĽ	σĹĹΓἀαι

#### **Obviative Nouns with Transitive Animate Verbs**

When a Transitive Animate Verb has two third persons, one of them adds an  $^{\text{II}}$  (h) at the end.

#### " (h) on expressions of time

"(h) is found on expressions of time

#### " (h) on habitual verbs

" (h) is found on conjugation #12b to indicate a habitual or repetitive event: 'whenever...'

#### 

" (h) as a marker of Imperative verbs for second person singular forms

3rd person 's/he'	2nd person singular '(you)'
᠆ᡬ°	σ<̈́"
<	<  <   <   <   <   <   <   <   <   <
Гσ"·9°	Γσ"·9"
⋖⋝	"</td
∧r. <b>i</b> >	√۲.٩<۱۱
σЫ	σb <sup>L</sup> <sup>II</sup>
ьj	<del>o</del> L"
· <"CL</td <td>·<!--<"CII</td--></td>	· <"CII</td
C"L∾Pr	C <sub>II</sub> L∾P <sub>II</sub>

Note that "(h) is used for the command forms 'do it to it' and 'do it to me' but not for 'do it to him'.

	(do it to) it	(do it to) me	(do it to) him
ċU°	<u>ن</u> د"	ر∾∥	٠ م
⊳r∧u°	<b>⊳</b> r∧c"	⊳UV∾II	$\triangleright$ $ earrow$ $ earrow$
·< <7°	· <"("</td <td>·<!--<!"</td--><td>.&lt; &lt;  L</td></td>	· <!"</td <td>.&lt; &lt;  L</td>	.< <  L
$L_79.\Delta_{\bullet}$	۲ <sup>5</sup> 6"	L/9.	Γγġ
Lσ·∿°	Lσ∽"	Lσ∾"	Lσ÷

# 3.6.3 " (h) in the Locative suffix

In the locative marker for nouns and particles "(h) is used before . Note that not all particles of location use ".

#### **Particles:**

Ċ⊳ <sup>,</sup>
UĊÞŀ
0 0,
UV∾qr
լ∾. Դ
ارخال / √را
J∾U"Cr
⊳५∩८॑Ძᠳ᠘

#### **Nouns:**

<b>Non-locative</b>
۲'n
<b>ἡ</b> ϧ·Ϳ
۲۲۲
<b>├</b> ſ∙⋖॑"<
ماکات or الماند
$\cap_{II}(>\cdot \nabla_{\sigma}$
·⊲ċ
ĻĿŸĢ"Uª
Lra"Áb°

Note that another ending which sounds exactly like the locative can be added to nouns for people and animals. This is the **simulative** suffix and it is translated as *'like a ...'*.

ċ۷°	man	ئ∨⊪	like a man
$\triangleleft \cup_{\Gamma}$	dog		like a dog

#### 3.6.4 " (h) in verb suffixes

If a verb ends in <sup>L</sup> or <sup>a</sup>, these finals will change to " when <sup>b</sup> or <sup>b</sup> is added as a conjunct verb ending.

Independent	Conjunct
$\nabla \Gamma \mathcal{V}_{\sigma}$	$\Delta$ $VLV_{IIP}$
C9V.	Δ C9V <sub>IIP</sub>
· <"(L</td <td><math>\triangle \cdot \triangleleft &lt; \  \in \  \rho \ </math></td>	$\triangle \cdot \triangleleft < \  \in \  \rho \ $
Γ <sup>5</sup> <b>6L</b>	∇ Γ≀b <sup>III</sup>
ĠΛ°	$\triangle \ \dot{\varphi} \lor_{II}$
$\Gamma$	∨ רבייי
_od <b>_</b>	الهف ∇
ᢕᡠᢩ᠘ <b>ᢩ</b>	∆ ს.ლ.≀მ <b>r</b>
$\triangleright$ $ egrid{}_{L}$	$\triangle$ $\triangleright$ U $\vee$ CIIP

The endings of some verbs change the final  $^{\bullet}$  to  $^{\shortparallel}$  before  $^{\backprime}$  in the plural form:

<b>ர்</b> (I)	ずら (we, but not you)
Ь σ<̈', <b>°</b>	6 ح<ياً الله
6 4<04;a	6 4<075 <b>""</b>
b Δ"ĊĊL <b>ª</b>	Ь Δ"ЭСĹ <b>""</b>

Other verbs endings change the final • to " before • in the plural form:

Ļ	(you)	(you and I) פֿלֹוֹ
j	$\sigma\dot{<}$	<b>р</b> Ф<,5 <sub>п9</sub>
j	4 <u\4< td=""><td>Ь &lt;&lt;&lt;&gt;&gt;</td></u\4<>	Ь <<<>>

For Inland speakers, there is an " (h) in some endings.

	Inland	Coastal
<u>خ</u> -آخــف	√ خ٦غات	افخاخ ⊽
ĻĻĻ	⊽ ⴡიკა_ა <b>"</b> ს	∇ ԷსԿმ <b>ნ</b>

#### 3.7 Large syllabic symbols that sound like finals

There are some sounds for which no final exists. In this case a large syllabic without a dot has been used, but is not fully pronounced, much like the final <sup>d</sup>.

In a few numbers a final 'u' sound may be heard, but there has been a decision not to write it. The 'u' sound can be clearly heard when a suffix is added to the number:

ΓĊ" <sup>c</sup>	ΓĊ"·Ċ°
٧٠٥٠<	٧٠٠٠٠٠
÷∾∽<	ᡠ∾ॐ∹᠅
<b>ი</b> ∽ე;;<	ᡒᠫ᠘᠅ᡬᢀ
~>∴<	৽৾৴৻৾৻ঀ৽

# Part Four: △, Å and →

It is easy to be confused about which of these symbols to write, as they often sound the same in pronunciation. Here are a few examples and rules.

#### 4.1 $\triangle$ or $\rightarrow$ at the end of words

Some words end with  $\Delta$  and others with  $\stackrel{\triangleright}{-}$ . For instance, words about liquids end with  $\stackrel{\triangleright}{-}\Delta$ .

Nouns ending with **\Delta** 

Particles ending with **\Delta** 

· ·

44

The words below are more irregular than words which end in a small symbol, as the ending changes in unpredictable ways when a suffix is added. Some words drop the  $\Delta$  and others do not when a diminutive, locative or possessive suffix is added. Pay attention to the endings, as they are very irregular. If the previous  $\prec$ , C, b is short (no dot), then change it to  $\dot{\prec}$ ,  $\dot{C}$ ,  $\dot{b}$ . Sometimes the final  $d\Delta$  changes to  $\dot{b}$ .

	Diminutive	Locative	Possessive
>CΔ	<b>`&gt;Ç</b> ∽	> <b>Ċ</b> ш	<b>σ-ਂ&gt;Ċ</b> L
⊳∾PC∇	⊳∾₽ <b>Ç∾</b>	⊳∾⋴ <b>৻</b> ℡	_ن∽و <b>ر</b> ړ
<b>Ċ</b> <Δ	Ċ< <b>Δ∽</b>	Ċ< <b>∀</b> ™	σ <b>Ċ&lt;Δ</b> L
r¹∹∆	- <sup>j</sup> < <b>'Δ^^</b>	<sub>ſ</sub> ċ< <b>∆</b> ''レ	ℴℸ <b>ஂĊ∆</b> ၬ
$\triangleright \mathcal{S}$ 6 $\triangle$	⊳√ <b>⋼</b> ∽	⊳ℐ <b>ℴ</b> ℡	⊳√ <b>占</b> ∟
$\triangleright$ ' $\wedge$ $\triangleright$ $\Delta$	⊳¹∧ <b>ൎം</b> ∽	⊳₁∨pու	$ ho$ ' $\wedge$ $\dot{b}$ L
⊳ri⁵b∆	⊳ri, <b>b</b> ∽	⊳Ր <b>ՆԿ<b>Ե</b>™</b>	⊳ri, <b>ė</b> r
ℂ″Ż♭△	Ր <b>":&gt;ե∽</b>	Ր":> <b>Ե</b> "Ն	<sub>Մ</sub>
.⊲c⊽	. <b>⊲Ç</b> ∾	۰⊲۲۳۰	σ·⊲ <b>Ċ</b> L
⊳∾PC∇	⊳~ <b>₽Ç~</b>	⊳∽ <b>⊦Հ</b> ու	₽, <b>Ç</b> r
٦△	<b>∆∽</b>	<b>∆יי</b> נ	σ <b>ΊΔ</b>
·Ÿ.,9V	٠ڮٚ <b>٠.ڄُ٠</b>	٠. ناب <b>ال</b> ان	σ·ൎΔ" <b>·ϳϧ</b> ϲ, ·Ϫ"ϐ <b>Ϫ"</b> ι
Γ∼Δ	Ċ∾ <b>Δ∽</b>	<sup>†</sup> ∾∆'' <sup>ι</sup>	σΓ̇ <b>ΛΔ</b> L
$\triangle \wedge \wedge \triangle$	$ riangle \wedge \dot{\boldsymbol{\sim}}$ , $ riangle \wedge \wedge \boldsymbol{\Delta}$	$ riangle \wedge \sim \Delta^{IIL}$	$\sigma$ C $\wedge$ $\Delta$
$\triangle \dot{\sim} \dot{\sim} \Delta$	⊳∴∾ <b>∿</b> ∽	⊳ώ∾Δ <sup>ιιι</sup>	(not said)
$\triangleright$ $\triangleleft$ $\triangle$	⊳₁'n, ⊳₁Δ∽	⊳حأ™ل	ے <b>ہا</b> د
⊲ଦସ୍	<b>⊲</b> ∘.••∞	⊲⊶ <b>.</b> ଜ୍ଞାନ	$\sigma$ ad $\Delta$

∆دd"d∆	⊲⊂q″q∨∽	<b>⊲</b> ∟۵"۵۵"८	ᡆᢗᡄᡆᠬᡆ᠌ᡯ
⊳U"∆́	⊳∪ <b>"∆҅∽</b>	⊳∪" <b>∆</b> ""レ	<b>ـهٰ∪"هٰـ</b>
jj∿ċ>∆	jj∕a <b>&gt;∽</b> , jj∕a> <b>∆∽</b>	ϳϳ <b>͵</b> ʹͼʹ <b>ʹ·</b> ʹʹ	ݮϳϳۍà <b>Ⴢ</b> ┖
$\triangleleft > \triangle$	⊲> <b>∆∽</b>	<> <b>∠</b> "⊌	σC> <b>Δ</b>
<b>⊲</b> 9"9∇	dq"d <b>\D^\cong</b>	⊲d"d <b>Δ"</b> ιι	$\sigma$ Cd"d $\Delta^{f L}$
⊳∾q∆	⊳∾. <b>₽</b> ∾	⊳∽∙₽ <sub>™</sub> , ⊳∽٩₽ <sub>™</sub>	ું∾ <b>.β</b> ા

# 4.2 $\dot{\Delta}$ and $\Delta$ in the middle of a word

After (h) " the long  $\dot{\Delta}$  is used:

L/ <b>ሬ"፟፟</b> ሳ°	۲٬۵" <b>۵</b> ۵
⊳ĊL" <b>Å</b> 1°	⊳ĊL" <b>ൎ∆</b> b°
·∇<" <b>∆</b> ˆ\°	.∆<" <b>⊉</b> p <sub>°</sub>
ЃЬ" <b>太</b> ๋ๅ°	ЃЬ" <b>Љ</b> ҅Ь°
Ĺር" <b>ል</b> ገ°	ĹĊ <b>"Å</b> b°

Some words with short  $\Delta$  in the middle are:

# 4.3 Using A

► is used instead of △ in many words:

ᡒ <b>ᡝ</b> ᠘	>ئەم <b>4</b> ל-	(Inland)
「 <b>イト</b> ๅ°	Γ4 <b>⊁</b> "C <sup>L</sup>	(words for thinking)
9U <b>/4</b> ظ	۲ <b>۸۲</b> ۲	(words for stroking, brushing)
<b>፟៹៹</b> ៶៰ <u></u> _៰	۲ <b>۹</b> ۲	(words for shore, edge)
9U\1 <b>4</b> خ	<b>&gt;</b>	(words for tearing)

**>** is used in some verb endings:

( <del>;</del> )	<sup>ل</sup> م<به	هٔ ط۸بّ
$(\dot{\cap})$	Ġ σ <b>&lt;≯</b> °	Ь <\^ <b>₽</b> °
$(\dot{\Delta})$	ь́ σ<'с	b ⊲∧c
	Ь σ <b>&lt;&gt;</b> '"	Ġ ⊲∧Au
(خَرِّ صُ	Ь σ<'̄>"\	j avj <sub>m</sub>
(فَحٰأ)	Ь σ <b>&lt;&gt;\^</b> "в	ė «Λ <b>≻</b> α
$(\dot{\cap}\cdot\dot{\lhd}\circ)$	b σ<4°	b ⊲∧4°
$(\dot{\neg}\dot{\triangle}\dot{\neg}\dot{\Diamond}^{\circ})$	ь σ<·Ć°	β ⊲V·Ç°
	Ь .  	p 990₽,
	ρ . <j<<b>,Γιι</j<<b>	اللاعمة ع

Use ightharpoonup in longer words made from words which end in ightharpoonup:

VLL<4	$\vee \sqcup \cup \prec _{\boldsymbol{b}} \sqcup \vee \circ$	∧٢٢< <b>⊁</b> "Ċ°
<u>γ</u> L<4	<b>∴</b> Γ< <b>⊁</b> "∇°	<u> ۲</u> ۱۲۸۸
D·1<4	< <b>&gt;</b> '√< <b>/</b> "∇°	>·\< <b>≯</b> "Ċ°
\_\< <u>4</u>	$ \cup \cup < \boldsymbol{\lambda} \cup > \circ $	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
<b>&lt;</b> < <b>&lt;</b> i	< <b>&lt;\^</b> "∇°	<< <b>&gt;</b> "Ċ°
D"L<4	>"ſ< <b>⊁</b> "∇°	>"ſ< <b>≯</b> "Ċ°
>∪"L<4	$\triangleright \cup \  \cup < \downarrow \  \triangle \circ$	>∩"∩< <b>≯</b> "Ċ°
· \d'\p<!</td <td>·⟨j'b&lt;<b>/*</b>"∇°</td> <td>·ḍ^b&lt;<b>卢</b>"Ċ°</td>	·⟨j'b< <b>/*</b> "∇°	·ḍ^b< <b>卢</b> "Ċ°
C9L<4	C G G G G G G G G G G G G G G G G G G G	C"d"\C <b>\F</b> "Ċ°
<b>⊲∪L&lt;</b> 4	$\triangleleft \cap \Gamma < \nearrow \square                                $	<0.5° 0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</0.5°</td

# 4.4 New spelling for Co and Cdo, CCL and CC⋅∇o

Note that the words  $\Delta''\dot{C}^{\circ}$  and  $\Delta''\dot{C}^{\circ}$ ,  $\Delta''\dot{D}C^{\perp}$  and  $\Delta''\dot{D}C^{\cdot}\nabla^{\circ}$ , begin with  $\Delta''...$  which is often not pronounced. Nevertheless it is written. It can be heard clearly when a prefix is added to the word or the first vowel is changed.

Write	Not	
Δ"Ċ°	ǰ	
<b>⊅</b> '''Cd°	Cqo	
Δ"ĊCL	jCr	
۵۳٬۰۲۰ م	÷C·∇°	

### Part Five: Syllabic Symbols not to forget to write

#### 5.1 Short $\triangle$ or $\triangleleft$ at the beginning

In many words the short  $\Delta$  or  $\triangleleft$  at the beginning is not pronounced in ordinary fast speech. However, you can hear it when a prefix is added to the beginning of a word. Make sure to write the  $\Delta$  or  $\triangleleft$ , even when it is not audible or pronounced.

<b>∆</b> ~.β"UL	<b>ط</b> نٰړ٢
<b>∆</b> ∽<'∘	$\triangleleft$ $\sim$ $\bigcirc$ $\cap$ $\bigcirc$ $\cap$
<b>∆</b> ∽d∪°	◢∧◞ੰ∽
<b>∆</b> ∽∧Γ" <sup>ι</sup>	<b>⊲</b> dĊ∘
<b>^</b> 4.9°	4۲∩۲
<b>∆</b> 4.9∽	<b>⋖</b> ୮५७
<b>∆</b> ~ <d∪°< th=""><th><b>⋖</b>Ր⅃∽</th></d∪°<>	<b>⋖</b> Ր⅃∽
<b>∆</b> ~ <d∩<sub>°</d∩<sub>	<b>4</b> .6/"Ual
$\Delta \cap \emptyset $ $   \triangleleft \Gamma $	<b>⊲</b> Րൎം∽
	<b>⊲</b> ЬГ"└
	$\triangleleft \land$ " $\flat$ °
	<b>⋖</b> ∽Ċ°
	◢∽♢ੵ┤⋅♢▫
	<b>⋖</b> ~.9√].√°

#### 5.2 **∆** and **∆**

Word beginning with  $\cdot \Delta$  and  $\cdot \dot{\Delta}$  sound alike. In order to decide which one to write, it is best to check with the dictionary.

٠Δ	wi	·Å	wii
٠٧ڄ٠	calf of leg	·À·⊲˙°	them
٠٧٠	her/his body	٠ن٥٠١	his wife
$\dot{A} \nabla \cdot$	her/his bladder	·Ģ·⊲ <sup>c</sup>	his bag, load, container
۰۸۴۶	meat		

#### 5.3 $\cdot \Delta^{\circ}$ at the end of a word

A noun can be made from a verb by adding  $\cdot \Delta^{\circ}$  to a verb.

U"C>	∪"<> <b>∙∆</b> •
<1>1 \range \ra	$\triangleleft$ FL $\ \Delta\cdot \nabla_{\sigma}$
L <sub>1</sub> 9CFJ <sub>0</sub>	ՐԿℲՀ <u>՟</u> ԼՂ∙ <b>Ճ</b> Գ

ΔΥσ"b/- ΔΥσ"b/-**Δ** 

#### 5.4 · · · · · · · · at the end of a word (A NEW RULE Fall 2015)

Words which refer to a box or container or sealed packages are now spelled with  $\cdot \triangleleft^c$  at the end (and not  $\cdot \triangle^c$ ).

عٰ<"ڬ٥ـ٥٠٥° 40"U·4° 40"UD $\cdot$ 4° م4م.م. Ļ<5L~U9·⊲c ۰۵۷۰۹۰ ۹۲۰.قب ۲۰۰۹۰ 6.594.⊲c 676.61.91.970.9c LYa"ŸPg"Uq∙d¢  $\Gamma \Lambda^{\sigma} \Delta L \cdot \sigma \overline{\phantom{a}} \cdot \Delta_{c}$ Ċ∙⊲° L~Uq·Qc ا″طأـم.⊲۲ ~J~Ud∙dc ₽₽Ļſ ¢لک⊶⊲۲ σ<β0.√0° V59Ç.∕₫¢ ᠳ᠘ᠳ᠘᠘ V5d.⊲<sup>c</sup> <u></u>
ک"زخے۔۵۰ ۷۵۳۵۵۵۰۵۰ У́9-104-Дс Ţ.Ċ.,9·⊲<sub>c</sub> ~p.√qc ۲۵۰۶۰۵۰ کا D~PJ·⊲c ی⊳.ح۔زِن 

## 5.5 $\sigma$ at the beginning of a word

In many words, which begin with  $\sigma$ , there is a tendency to write this syllabic symbol as a small. But the small symbol is only used at the end of words.

Write	Not
$\sigma$ 7"d $^2$ °	م46"ر <i>ه</i>
	<del>م</del> ل
<b>♂</b> ````	ď"Ćڡ
ᢖ᠋᠅ᢤ<᠋	°ا>خ<ا∘
<b>♂</b> Ċ୮" <sup>ι</sup>	مرٰ۲۱۱
ᠸ᠂ᢒᢅ᠅᠘	۰۲۰﴿نَٰ۲ٍ

Some numbers are pronounced two ways, with or without  $\sigma$  at the beginning.

d·Ċωι σd·Ċωι six ipa-o° σipa-o° eight

# 5.6 Γ at the beginning of a word

Often words, which are written with  $\Gamma$  at the beginning, are pronounced with  $^{\circ}$  or  $^{\circ}$ . The big  $\Gamma$  should still be written before  $\Gamma$ ,  $\Gamma$ ,  $\Gamma$ .

Also before **†**...

#### 5.7 \( \cap \) in the middle of a word...

Write	Not
·∨ <b>ſ</b> ∿	ز۰۷۰
<i></i> خٰ" <b>۲</b> ٩ؗ	Ċ'nĠ٠
<ՐԿ∩⊄∟	<५∩₾г
-  -  -  -  -  -  -  -  -  -  -  -  -	h∽∩o L

# Part Six: Adding endings to nouns and verbs

## 6.1 Adding a suffix to nouns which end in °

When a diminutive, locative or possessive suffix is added to most words that end in •, the • is dropped (see also section 3.4.3 above).

	Diminutive	Locative/Simulative	Possessive
ċ٧°	ċ√~	ټ∕⊪ړ	σċ∨L
∆ <sup>5</sup> ·9°	∆ <sup>4</sup> .9 <b>∽</b>	∆Կ.Գ <b>יւ</b> Ն	ح-(۲۰۹ <b>۲</b>
⊳ri∘	⊳ri∽	⊳ɾℹ┉	غ٥اً <b>ـ</b>
·ŸVŸ°	·Áſċ~	ŀĠſĠݜ <b>Ŀ</b>	ᠳ᠂᠘ᢆᡗᡠ᠌᠘
⊳∽joJo	⊳∾ხე <b>∽</b>	⊳∽եՂու	⊸iეL
۵٦°	مام / ما⊳م	<u>م</u> ٦ <b>'''ل</b>	oേി∟
<b>∧</b> 4°	^4 <b>∽</b>	^4 <b>"</b> "⊌	σΛ4 <b>L</b>
ĹσU°	Ĺo-∪ <b>∽</b>	Ĺ <sub>Ժ</sub> ∪ <b>"</b> Ն	حلح∪ <b>د</b>
V∾q∩°	$\nabla_{\sim}$ 90 $\sim$	∇∾q∩ <b>ու</b>	ი_ს∾ქ∩ <b>Ր</b>
~jo°	~6°	¿ὑ"ι	ᠳ᠅ᡠᢆ
√<°	√ <i>ċ</i> <b>∽</b>	∨<'''レ	σ∨<̈́L
۲۲٦۰	רח∽	<b>ረ</b> ቦገ <b>יי</b>	$\sigma$ ረቦገ $^{f L}$

Exceptions...

	Diminutive	Locative/Simula	tive Possessive
.⊲ <b>ʻ</b> o	·⊲i⊳∽	·⊲̇ <b>⊳</b> ™	ᠳᢆᢂ᠌
ظ۵"dخ <b>٥</b>	۵۵"d <b>ف&gt;</b> ۰۰	ظ۵"dà <b>ـ"ال</b>	ݮĊ∆"dف <b>ـ</b>

Note: The  $\circ$  is changed to  $\triangleright$  when the animate plural ending is added (see also section 3.4.3 above).

ċ۷°	ç∧⊳r
רח∘	∠ՐՂ <b>⊳</b> ∙
۸۶.9۰	۸۲.۹ <b>ک</b> ۱

## 6.2 Adding endings to nouns which end in $\Delta$

When the noun ends in  $\Delta$ , often the  $\Delta$  is dropped.

	Diminutive	Locative/	Possessive
		Simulative	
<>▲	$\triangleleft > \triangle$ $^{\omega}/\triangleleft > ^{\omega}$	⊲≯™	σ<>Δ/σ>Δ
$\triangleleft \wedge \sim \Delta$	$ riangle \wedge  riangle \Delta^{m{\circ}}$	$ riangle \wedge \dot{m{\kappa}}^{IIL}$	$\sigma$ C $\Lambda$ $\sim$ $\Delta$
<b>Δ</b> <ώĊ∆·	°<:\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ℳ℄℄℄	۵-۵۵۵

Be careful of the following words where **d** becomes **·b** (or does not):

	Diminutive	Locative/	Possessive
		Simulative	
⊲ଦବ∇	<0.j.~	<ฺ <b>๐</b> ๎•	$\sigma$ $\circ$ $d$ $\Delta$
·Ÿ"٩٧	٠٠.ن٥٠٠	٠ڬ <b>ؚ١١٠</b>	σ٠Δٰ <b>"٠bُ</b> ـ
⊳∽q∆	>~.p <b>~</b>	⊳⊶٩۳۰	_ં∾. <b>ૃં</b> ∟
⊳9"C~9⊽	Dd"(~. <b>j.∞</b>	⊳d"( <b>~.₽</b> "נ	თძ"( <b>∽ძ∆</b>

## 6.3 Adding endings to nouns which end in j, ゃ, i, j, ゼ

When a suffix for the diminutive, locative, or possessive is added to these words, the syllabic changes from  $\sim$  to  $\Gamma$ ,  $\Gamma$  to  $\Gamma$  and  $\Gamma$  to  $\Gamma$ .

	Diminutive	Locative/	Possessive
		<b>Simulative</b>	
Λj	∨Ļ∾	∧Րու	σ <b>∧Ր</b> Լ
$\wedge \dot{\sim}$	∧ <b>∱∽</b>	$\wedge$ $\dot{m{\phi}}$ III $m{\psi}$	თ <b>∧∱</b> L
·À∧j	·Ļ∨Ļ∾	·ϔ∨Ļ···	σ٠᠘҅^ <b>戊</b> ًــ
ь́"ЬЈ	<b>占</b> "ხ <b>广∽</b>	<b>占"</b> 占 <b>广"</b> ს	حة"ة <b>١٠</b>
⊳"⊳۲≀	⊳"⊳⊓ڼ∽	∪"أ <b>ب</b>	ݐ۳ݢ۲۲
<sub>ს</sub> , ۹C Γ ገ ዓ	Ր <sup>ֈ</sup> ძՀ <b>Լ</b> Ղ <b>ֈ՟</b> ∽	ՐԿdCĽԴ <b>Խ</b> Մ	ႻႶჼჃႺႾႤ <b>Ⴣჼ</b>
L"1~	<b>Ľ</b> "ๅ <b>∱∽</b>	L"ባ <b>ሶ</b> "፡፡	ႻႾჼ
خنزخ	ح <b>از ہان</b> م	حالم <b>بأ</b> اال	ۍ خانر <b>ې'د</b>
·4°9%	<b>ৣ৻</b> ঢ়৽৻	·⊴ʹ∽ϥ <b>͵ϭ·</b> ʹͿ	ᡒ᠂ᢒᢩᠬ᠀ᡭ᠘

·d·d°9∴	·4·4°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	·⊴·⊴ʹ∽۹ <b>ʹታ</b> ··ι	ᡒ᠂ᢒᢆ᠂ᠫᢩᡣ
۸۲۸	⋌⋞⋫⋼	$\wedge$ اانم $+$	ᠳ᠕᠘ᡰᢆᡟ
$\nabla$ $+4$	<b>√4</b> ∀Ÿ	J⊓ <b>4</b> 4∑	
فٰڬ	∆ <b>்</b> ∽	ڬؘڿۨۨڛ	ஏ∩ <b>ச்</b> ∟

There are some words which end in  $\dot{\mathbf{J}}$  or  $\dot{\mathbf{D}}$  that **do not** change to  $\dot{\mathbf{\Gamma}}$  or  $\dot{\mathbf{D}}$ .

	Diminutive	Locative/Simulative	Possessive
<b>Ĺ</b> ⊳	⊲ <b>`İ∽</b>	⋖⋣⋴⋴	ݮݫ <b>ݔ</b> ݛ
Lთ <b>Ⴢ</b>	_ე <b>∽</b>	<b>L</b> Ժ <b>ൎ</b> յու	<sub>თ</sub> _ი <b>ე</b> ∟
<b>ċ</b> ∆·	<b>؞ڔ</b> ۛ؆٠	٠ڬ <b>ڬ</b> ייٮ	ح٠ڬ <b>۬٢</b>
<b>Ċ</b> "b≀٦⊳	⊲Ľץď" <b>ݢ∽</b>	<b>⊲</b> ריַל <b>"ל</b> "ע	ႻႺႠჄႻ <b>"Ⴢ</b> Ⴑ

# 6.4 Adding endings to verbs which end in $\dot{\triangleright}$ , " $\dot{\triangleright}$ , $\dot{>}$ | 4bÞ                     | 4b <b>▷·Δ</b> ι                              |
|-------------------------|--|
| ∆;>>\.;>                | ℴℊ℩⅂⊲ℸℹ                                      |
| ⋖⇒                      | ⋖⋉⋗∙₽₽                                       |
| ᡤᢀᠵ                     | ℩ℴℹ⅀℩ <b></b> ℴ℩                             |
| ĹĊ                      | ϳϦ·Δ·  |
| ۸۲ġ                     | $\wedge$ $^{\prime}$ $^{\prime}$ $^{\prime}$ |
| Λj                      | ∧j <b>.Δ</b> ι                               |
| L4%                     | ۲۲ <i>∵۰</i> <b>∇</b> ۲                      |
| ۲۲۲                     | ԷՐ⊲ <b>∙∇</b> ℩                              |
| <b>&lt;</b> << <u>+</u> | <<√ <sub>1</sub> ⋅ <b>Δ</b> ι                |

## 6.5 Adding endings to verbs which end in a or L

The small  $^{\circ}$  or  $^{\perp}$  will change to a big  $\bot$  or  $\_$ . This is difficult to hear in the coastal dialects but easier in the inland ones.

## Part Seven: Boundaries

## 7. 1. Adding a personal prefix

The personal prefixes are  $\sigma$ ,  $\Gamma$ , and  $\triangleright$  and are added to possessed nouns. Note that only  $\sigma$  and  $\Gamma$  are added to Independent verbs. They are written joined to the word.

Nouns	Verbs
<u>^^^</u>	<u>L,Pr</u>
ᢖᢆᢢᢢᠺ᠘	<b>ϭ</b> ୮ <sup>៶</sup> 9°
<b>∁</b> ⋰⋰∖	<b>Ր</b> ୮५ <b>৭</b> ॰
<b>▶</b> ∱∱∧∟"	$\Gamma^{\zeta} b^{L}$
ᢖ᠋ᢆᢊ᠕ᡏᡄᡆ	<b>σ</b> Γ <sup>५</sup> 9ċ-°
℄⅂⅄℆℆	<b>د</b> ۲٬۹۵ ف
℩ℊℷ	<b>٢</b> ٢५٩٤٠४
⋫⋰⋰∧г⋅⊴҅∘॥	$L_{\ell}P $

If the word begins with  $\Delta$  then add  $\sigma \cap$ ,  $\cap \cap$  or  $\triangleright \cap$ .

<u>Δ<sup>5</sup>·9°</u>	<u>Δ<sup>5</sup>·δ</u> ċ
$\sigma$ $\Omega$ <sup>\.</sup> \\	ᡉᠺᡃᢆᠬᡠ᠘ᢛ
<b>ՐՈ</b> Կ.Գ <sup>լ</sup>	LU¿·Pှ
<b>▶∩</b> ५.9∟"	

If the word begins with  $\nabla$  then add  $\sigma U$ ,  $\Gamma U$ , or  $\triangleright U$ .

<u>Δ</u> L <sub>II</sub> .ρ <sub>σ</sub>	ԾՈՐԺմ∘
ᠤ᠐᠋ᢉ᠃᠂᠔᠂ᢩ	ݮݪ∩Րℴℐ℉
<b>ԼՈ</b> Լութ <sub></sub>	<b>ՐՍ</b> ՈՐԺ <i>Ր</i> ℉
►UГ"·b°	$\nabla$ nr $\sigma$ $^{\circ}$

If the word begins with  $\triangleleft$  then add  $\sigma C$ ,  $\Gamma C$  or  $\triangleright C$ .

<u>4.4∞</u>	⋖⋗
ᡒᢗ᠂ᢒ᠋ᢆᡣ᠘	σϹ∧·
ᡣᢗ᠂ᢒ᠋ᢆᢢ᠘	ՐՀ∖∘
<b>▶</b> C·◁♂∟"	ベシ

If the word begins with  $\vec{\blacktriangleleft}$  then add  $\vec{\sigma}$ ,  $\vec{C}$ , or  $\vec{\triangleright}$ .

If the word begins with  $\triangleright$ , then use  $\dot{\triangleright}$  or  $\dot{\bullet}$ . For the 'her/his' third person change the short  $\triangleright$  to a long one by adding a dot  $\dot{\triangleright}$ .

⊳ċ<°	⊳∪∘r
<b>ە</b> ڬڬ <b>ڧ</b>	<b>⁰</b> ح∩ <b>ف</b>
٩ĠĊĊ°	<b>₫</b> ∩⊸°
<b>Þ</b> Ċ<°	

If a noun begins with  $\triangleright$  then add  $\sigma$  $\triangleright$ ,  $\Gamma$  $\triangleright$ , or  $\triangleright$  $\triangleright$ .

If a verb begins with  $\dot{\triangleright}$  then change to  $\dot{\bullet}$  or  $\dot{\bullet}$ .

Note that it is a very common for children to use  $\bf{j}$  instead of  $\bf{\dot{d}}$  in words traditionally beginning with  $\bf{\dot{d}}$ :

Traditional Cree	Modern Cree
<b>d</b> "Ċ·À	j"Ċ·À
<b>d</b> "dL	j"dL
₫╱┌∽	j√r∽
<b>ġ</b> "dӶ <sup>៶</sup>	j"dĽŸ
<b>Ġ</b> Ċ<°	jċ∹°
<b>Ġ</b> "宀°	j"۲ٔ°

Nouns that are already possessed do not add these prefixes, since these prefixes are already part of the word. These are mostly names of relatives and body parts and are called dependent nouns (marked **nad** or **nid** in the dictionary).

<b>σ</b> d <sup>ζ</sup>	<b>σ</b> \b <sup>c</sup>
<b>L</b> 9₁	<b>^</b> 56c
<b>⊳</b> d <sup>ൃ</sup> "	▶¹bc

A few words are also dependent nouns that are not the names of relatives or body parts.

<b>⊲</b> ∩∟		<u>ГС'</u>	<u> </u>	⋖⋴⋴⋖
$\sigma$ $\cup$ L	<b>ن</b>	<b>ە</b> رن	ᡠ᠂⊲ᠬ	$oldsymbol{\sigma}$ ad $\Delta$
$\mathbf{L}\cap_{\Gamma}$	<b>广</b>	۲Ċ	<b>Ļ</b> ·⊲ <sup>c</sup>	$oldsymbol{L}$ and $ abla$
▶UL"	<b>.Ļ</b> t	₽Ċ¹	· <b>∆</b> ·⊲ <sup>c</sup>	►ad∆"

## 7.2 Using a preverb

A preverb is a short word, used before a verb. When there are several preverbs they occur in a fixed order: first the ones that indicate grammatical ideas such as subordination, then, the ones for tense (future, past), then, the ones for mood, (want, can, should) and then the lexical ones indicating aspect or quality. These preverbs are written separately from the verb, and the personal prefixes  $\sigma$  and  $\Gamma$  are joined to the first preverb in the Independent mode. Here are some examples:

	Independent	Independent	Conjunct
	third person	first person	third person
neutral			▼ σ <c< td=""></c<>
future	Րხ σ∹°	<b>σb</b> σ<๋°	<b>1</b> ᢐ᠆ᢗ
past	<b>ሶ</b> ෮ඁ෮ඁ	ᠦᡠ ᢐ᠌᠌	<b>Ġ</b> σ<' <sup>c</sup>
want	· <b>Å</b> σ<°	<b>σ∙ൎ∆</b> σ∹°	<b>∙₫</b> σ<ċ
should	<b>^&lt;"</b>	<b>σ&lt;"</b>	
go to	ᢖᡠ ᢐᠵ᠅	$\sigma$ حنٔ $\sigma$ خ	<b>ف</b> 5 ح<ٰد

Preverbs can undergo initial change, like  $\cdot \vec{d}$  waa and  $\vec{b}$  naatuu above. This happens only when they end up in the first position, when there is no preverb  $\nabla e$  or  $\vec{b}$  kaa occupying the first position.

If there is more than one preverb, they are written separately from each other.

#### with an Independent verb with a Conjunct verb

If a preverb occurs after a personal prefix  $\sigma$  or  $\Gamma$ , the  $\sigma$  or  $\Gamma$  is joined to the first preverb. These personal prefixes are used only with Independent verbs. Any preverb following the first one is separated.

<b>σ</b> ∙ൎΔ σ∹°	<b>σЬ 'Δ΄</b> σ<்
<b>σb</b> σ<̈́°	
<b>Γ·Δ΄</b> σ<̈́	<b>ᠬᠦ᠂᠘</b> ᠂᠘ ᢐᢅ
<b>σ&lt;"</b> σ<๋°	<b>σ&lt;" ∙ൎ∆</b> σ<்°
<b>ſ&lt;"</b> ♂<்°	<b>ſ&lt;" ᡤ</b> ᢐ᠊᠍<ᢆᡈ
ᢖᡠ ᢐ᠌᠌ᢆ	<b>ᢖᡤ᠂᠘</b> ᠵ᠌

In the examples below, see how the lexical preverb  $\sigma \dot{\supset}$  is written separately from the past preverb  $\dot{\cap}$  in the Independent order, and from the preverb  $\dot{\supset}$  in the Conjunct order. In the last example, initial change (or changed conjunct) has turned  $\sigma \dot{\supset}$  to  $\dot{\supset}$ . See also how the personal prefix  $\sigma$ , attaches to the first preverb in the second sentence.

chii nituu kwaapicheu aniteh e paahpaachipiskayich.

's/he went to fetch the water where it is rocky.'

nichii nituu kwaapichen aniteh e paahpaachipiskaach.

'I went to fetch the water where it is rocky.'

**∇ σ**) **b**<sub>α</sub>·∇**λ**[**Dλ'** Δ'<**λ**"Δi ·∇\ **D**"Ċ·Δ˙"<sub>x</sub>.

e nituu kanaweyimaausut ispayihiikuu wesa uhtaawiih.

'...when she goes to baby-sit, (so) her father drives her.'

**netuu** nitawaapamaat aniyuuh chisheiiyiyuu / chisheiinuuh.

'...then s/he goes to see that old man/men.'

Some preverbs can also be used as verb initials and are then written together with the verb. For example: in  $\sigma$  in initial, the  $\sigma$  initial initial. The rule to use is: whenever a preverb is before a verb that exists on its own, the preverb can be written separately from the verb, unless it is a fairly common verb. To learn more about preverbs and see more examples, see the preverbs grammar page and look up preverbs in the parts of speech in the online Dictionary.

Note: Some preverbs can also be used before a noun, in this case they are called 'preform'. Preforms are written attached to the noun.

Example: 「イヘĹハウム *miyupimaatisiiwin*. For more examples, see Word Formation:

Preform + Noun in the online grammar.

## 7.3 Making compound words

Two or three words can be joined together to make one new word, but there are almost always spelling changes when this happens. The names of the months are good examples of compound words.

Sometimes there is no change to the spelling of the words.

Often the syllabic final is made big when the second word begins with a consonant (use  $\land \cap \land \sigma \vdash \neg \sigma \vdash \neg \sigma$  in this case).

$$\dot{\sigma}^{\circ}\dot{C}^{\mathsf{L}} + d^{\mathsf{L}}d^{\mathsf{L}} = \dot{\sigma}^{\circ}\dot{C}^{\mathsf{L}}d^{\mathsf{L}$$

This also applies to words made of a second part that cannot stand alone (to which a final is added):

When the second word begins with a vowel symbol ( $\nabla \triangle \dot{\triangle} \triangleright \dot{\triangleright} \triangleleft \dot{\triangleleft}$ ) this vowel disappears but the small symbol at the end of the first word becomes big.

Sometimes the beginning of the second word is dropped.

The w-circle  $\circ$  is changed to  $\triangleright$ .

$$\triangle^{1}\cdot 9^{\circ}$$
 +  $\dot{\Gamma}^{\Gamma}$  =  $\triangle^{1}\cdot 9$   $\dot{\Gamma}^{\Gamma}$  =  $\dot{\Delta}^{1}\cdot 9$ 

The w-circle • is changed to  $\triangleright$  and the beginning of the second word is dropped if it is a vowel ( $\nabla \triangle \dot{\triangle} \triangleright \dot{\triangleright} \triangleleft \dot{\triangleleft}$ ).

$$\dot{\triangle}^{\backprime}\dot{\cap}^{?} + \mathbf{4}^{\backprime}\dot{\cap} = \dot{\triangle}^{\backprime}\dot{\cap}^{?}\mathbf{P}^{\backprime}\dot{\cap}$$

$$\Box^{?} + \mathbf{4}^{"}\dot{\triangle}\dot{\wedge} = \Box^{?}^{"}\dot{\triangle}\dot{\wedge}$$

$$\Box^{?} + \mathbf{4}^{"}\dot{\triangle}\dot{\wedge} = \Box^{?}^{"}\dot{\triangle}\dot{\wedge}$$

Note that the w-circle at the end of the first word becomes a w-dot in the compound word:

$$\triangle^{\circ} d \cup^{\bullet} + \dot{\Box} > = \triangle^{\circ} d \cup \dot{\Box} >$$

The little **d** becomes big **d** or ·**b**.

Many words add a ▶ between the words (and may drop the beginning of the second word).

A number of words have shorter forms (acting as finals) to create new words:

long form	short	t combining for	rm		new word
ċ√°	>	√°	Γ∽( + ∢√°	=	۲∾ <b>Ċ۷∘</b>
۵۲.9°	>	<b>५.</b> 9°	Ր∿ + <sup>ኢ</sup> ·ዓ°	=	<b>∟∿,.d</b> օ
م٦٢	>	יך	L4 + J,	=	ר∀ <b>וי</b>
Ьď	>	٩	ç∧. + q.	=	ف <b>√ل</b> ه
·<\d>>~	>	<>>∽	(८/-j>b° + ⟨j>∽	=	<b>~&lt;ـف</b> طخام)
$\nabla$ 54	>	$\dot{\Delta}$	<u>γ</u> ь +	=	<b>ልት</b> 广ቦ
فٰڬ	>	$\dot{\Delta}\sigma$	$\dot{\Delta}\sigma$ + $\dot{\Gamma}$ <sup>L</sup>	=	<b>ὀ</b> σ႞ᢉ᠊

Sometimes a joining y or w is used:

## Part Eight: New spellings as of summer 2015

The new spellings here are ones that are in addition to those noted in earlier sections.

#### 8.1 bode and de

The verbs of the 'it is foggy' family are now all spelled as **b od kashkuun** (and **not** as b od a kashkuwin).

Note: The noun for cloud is bod'∆ kashkuwin.

Nouns for 'kinds of cloud' end in ◀ -askw:

b∽do ho kashkuunaskw i∩o ho yuutinaskw

Verbs for kinds of clouds end in **da** -kun (with a short u)

∧Γ∽d° pimiskun σσΓ¹d° ninichikuskun bd¹d° yakuskun V∩¹d° petiskun

#### 8.2 rje

The words for the 'it is raining' family are now spelled as  $\Gamma \dot{\mathbf{J}}^{\mathbf{a}}$  chimuun (and **not** as  $\Gamma \dot{\mathbf{J}}^{\mathbf{a}}$  chimuun)

「」。 it is raining rainwater raincoat rain hat

ቦj

- < ት ሶ rain pants

 $\bigcap J_{\sigma} < \lambda$  it is a sudden rain, it suddenly begins to rain

「」っへイグ kind of warbler, literally 'rain bird'

#### -je or -de 8.3

VII verbs that used to end in  $-J\triangle^{\circ}$  or  $-d\cdot\triangle^{\circ}$  are now spelled  $-\dot{J}^{\circ}$  or  $-\dot{d}^{\circ}$ . As noted above. these words include the  $\cap j^{\alpha}$  'rain' family. The remaining ones have the ending  $-j^{\alpha}$ 'current', -d' 'foggy' or - \d' 'drip'.

drj° it is where the current starts to descend dΛΓj° the current is slower, in a backwater

المنا∿ the current meets the bank

⊲∩ΓԻ๋∙∇j° tide goes back out

<sup>†</sup>ه٠٠٥ أ it is an eddy of water, the current spins around

∩้งb\งาป๋° it is a steep rock falls, cascade

<sup>Ċ</sup>ŸĠΛŸſĴ° it is a current, rapids over a high rock, a steeply falling current

۲۰۵i the tide goes out r>79j° it is an ice jam

۲۶۲ it is where the current is strongest, it is a main current

۲٫۲٫۱۹ it is a swift current

 $\Gamma \cdot \nabla \cdot \nabla j$ the noise of the rapids is loud

it is steep, high falls 6474je dΔ\dje the water flows straight

Lj\rj& it (liquid) bubbles, boils up here and there

L·U·∇j° there is a sound of running water in a swift current [o~Ndj° the current flows on either side of an island jհրja it flows out, as water out of a spring

غـ(15)ء it is an on-shore current

÷"∩J·∇j° it flows and falls over a cliff, rocks

Ċd¹Uj° the water is very shallow in the rapids, the rapids are almost dry <:b\\rJe the water is very shallow in the rapids, the rapids are almost dry

<"<br/>
the water is very shallow in the rapids, is going dry

<'Yrje the current flows over it (a dam)

۷ſj۹ the tide comes in

VVIj<sup>e</sup> the water, current flows in a twisted way

V∼·∇j° the rapids sound near ÀLĠIJ° the rapids are winding À∽U⊳j° the current foams up

Ņ~N·QPLj₀ the current creates foam in the water

۸۳Ċja it is a long rapids ۸۲j۹ there is a current

∧ۍ∠.∇j° it flows down the bank, downhill ۸۰۲۰⊅ن۹ the sound of the rapids echoes

.≻Jj∘ the water pours over into the canoe as it travels in√√j° it flows out of something behind a point of land ۲۰j۹ it flows out of something, it is an inlet to a lake

حان نام the current flows smoothly

√V·∇j° the current, tide cuts a new channel ŗγΥίσ it is a rivulet, flowing water (ex after rain) the current makes a split in the ice

Ċ'nrzajª

⊳r"rj° the river flows from  $\triangleright \land \dot{J}^{\alpha}$  it is a narrows in a current  $\triangleright " \cap \dot{J}^{\alpha}$  the current starts from there

・ dir ja the water has a depression on it caused by its swirl

4b·ベドカブ<sup>2</sup> the river runs in a bed of sand

b∽d° it is foggy

b∽do<° it is a misty, foggy morning

#### Still to be decided:

$\Lambda 4 \Lambda $ d $\cdot \Delta$ $^{\circ}$	OR	∧4∧"j°	there is soot on it
$\nabla_{\sim}VL_{\parallel}C9\cdot\nabla_{\sigma}$	OR	V~VL"C9°	it has an upstairs
Ϫċ·ͿϽ·Ϫ·	OR	ۮؙڂٵڮ؞	it seems alive

#### 8.4 'flesh' and 'meat'

Do not confuse  $\cdot \triangle^{\dot{}}$  wiyaas 'meat' with  $\triangleright^{\dot{}}$  uyaas 'flesh of the body', which is a dependent noun:

#### flesh of the body

#### meat to be eaten

کځ⊲	uyaas	his own flesh	۰۷۰۶	wiyaas	meat
ᠳᢆᢣ	niyaas	my own flesh	٤٢٦٠أف	nuuyaasim	my piece of meat
Նբչ	chiyaas	your own flesh	٦٢٠ أ	kuuyaasim	your piece of meat
			アナイム	uuyaasim	her piece of meat

The compound words use the spellings with Þゥ -uyaas:

المألم muusuyaas 4أه"∩⊳ atihkuyaas باخلى"لەل kuuhkuushuyaas √۲۹۶۶ amiskuyaas ·4ρ,1β. wachiskuyaas  $\Gamma$ mistusuyaas ぐっいひらり paashteuyaas ᠘ᡩ᠙ᡩ᠕ chisheyakuyaas بإمها kaakuushuyaas ۲ځه٩ kaakuyaas LYdibY maskuyaas

#### 8.5. **Ċ**·**◄**°

The word for 'box' is now spelled as  $\dot{\Gamma} \cdot \triangleleft^{\mathsf{c}}$  milwat (and not  $\dot{\Gamma} \triangle^{\mathsf{c}}$  milwit) and all words containing the ending  $\cdot \triangleleft^{\mathsf{c}}$  -wat referring to a container will be changed as well. These words are listed in **5.4** above.

#### 8.6. ·ΔΓ<sub>α</sub>

 $\dot{\Delta}\Gamma^{\circ}$  with is now spelled with  $\dot{\Delta}$ - and not with  $\dot{\Delta}$ - with with to match the name of Wemindji.

·∆r° wiimin

·Δ΄Γἀ"∩σ wiiminaahtikw ·Δ΄Γσ΄ wiiminichii

#### 8.7 Þ4**4**°

 $\triangleright 4 \triangleleft^{\circ} uyesh$  is now spelled with  $\triangleright u$ - and not with  $\cdot \triangle wi$ -.

レイツ uyesh レイツU" uyeshteh

but  $\cdot \triangle 4^{\circ}$  wiyesh, which can be a command to a child, uses  $\cdot \triangle^{\downarrow}$  wiy-.

#### 8.8. ・ゴトつ° and・ゴトロト

The Inland spelling of  $\cdot \triangleleft \cap \neg \circ$  and  $\cdot \triangleleft \cap \multimap^{\bot}$  is wrong and these words should be spelled as  $\cdot \triangleleft \cap \neg \circ$  and  $\cdot \triangleleft \cap \multimap^{\bot}$ ; the sound  $\cdot \cap \circ \circ$  can be pronounced as  $\cdot \cap \circ \circ \circ$  in many words but should not be written that way. An example is the word  $\cdot \triangleleft \cap \circ \circ \circ \circ$  which is often pronounced in fast speech as  $\cdot \triangleleft \cap \triangleleft \circ \circ \circ$ .

#### فـه- 8.9.

Verbs ending in -فف -naanuu are spelled this way in the conjunct forms, and not as ف ف ک- or -ف ح-ک- as in the northern dialect.

∇ ¬\ċ¬"∇ ¬\ċ¬"

Note that a shorter form  $\dot{\neg}$  -nuu is used for verbs which end with  $\nabla^{\circ}$  -eu or  $\dot{\triangleleft}^{\circ}$  -aau:

ال ۱۲۰۵ غ الفائح خ

The Inland dialect often adds 'h' before the 'ch' in certain conjunct forms, but the Coastal people tend to leave it out. (Note: the conjugation guide contains the h, #11, 12a, 12b)

Coastal	Inland
√ حاتففا	√ حاتفف"ا
$\Delta \nabla \nabla \nabla \nabla \nabla \nabla$	∨ ط∧فےٰ
i carai	نه دوړوغن

## 8.10

New spelling <	Old spelling ∙<
ſ~Ċ <b>≺</b> ⊳Ċ°	ſ∽ĊŀĊĊĊ°
Ն~Ç <b>≺</b> ∙⊽৮Կ	ᢉ~Ç੶≺∙∇ᢣᢣ
7∽Ċ <b>≺</b> ⊳Ċ°	7∽Ċ·ぐ⊳Ċ°
Γϧ <b>ͺ</b> ⊳Λ₀	ᡗᡃᢣ᠅ᠺ᠌

### **Part Nine: Punctuation**

#### 9.1 Γ<"Åbσ∽ Period

The end of a sentence is marked with \* used as a period.

#### 9.2 Δ'dĊJ·db°, a"dĊJ·db° Comma

The comma is used to mark when you take a breath.

#### 9.3 Question mark

The English question mark is not used when the sentence begins with a question word such as  $\dot{C}^{\alpha}$ ,  $\Delta \cdot \nabla^{\alpha}$ ,  $\dot{C}\dot{\Delta}^{\alpha}$ , or  $\dot{C}\sigma U''$ .

The question marker  $\triangleleft$  is added to make a yes-no question and is written separately.

The question marker  $\triangleleft$  is written after the word to which you would like the answer 'yes' or 'no'.

#### 9.4 Quotation marks

These are **not** used in writing Cree syllabics. Instead, verbs like  $\Delta U^{\circ}$ ,  $\Delta \dot{\circ} \dot{\circ}$  and  $\Delta \dot{\circ} \dot{\circ}$  are used to indicate that someone else is speaking, or that someone's words are being reported.

## **Part Ten: Writing Names**

Writing the names of children is very difficult these days when parents often give their sons and daughters English names which have non-Cree sounds and unusual spellings. The teacher and the parent(s) may often have different ways of pronouncing, and therefore spelling, the child's name. The child may in fact change the way she or he wishes to spell their name in Syllabics after several years of schooling in Cree.

It is up to the teacher and the parent(s) to agree on what to do, understanding that there can be two right ways to spell names, and that the child can choose for herself or himself, usually around grade 3.

The Terminology Forum on the eastcree.org website gives the Cree syllabics spelling of over 2,700 names: <u>terminology.eastcree.org</u>

## Part Eleven: Standard Roman Orthography (SRO)

#### **Definition**

A standard roman orthography is one that matches exactly the syllabic standard orthography. It is useful for typing tools, for computers and for automatic conversions from roman to syllabics and from syllabics to roman. You can find an automatic convertor at: http://syllabics.atlas-ling.ca/

## Vowel length: hats or double vowels

Long vowels in syllabics are marked with a dot above the syllabic character. In roman, there are several options for indicating vowel length by using either double vowels or a hat over the vowel:

<b>Dot above (Syllabics)</b>	Double vowel	Hat over vowel
À	ii	î
⊳	uu	û
◁	aa	â

In other variants of Cree a macron (for example  $\bar{a}$ ,  $\bar{\iota}$ ,  $\bar{u}$ ) is used, but not in East Cree. The double vowel is often easier to type but makes the word look longer.

 $\nabla$  (e) is always long, but never written with a dot above in syllabics, or in roman, as ee or  $\hat{e}$ ., although in some other variants of Cree, it is written  $\hat{e}$ .

#### Combination of finals

When finals combine it is important to distinguish the sequence of characters that corresponds to two different syllabic characters from the ones that correspond to just one syllabic character. This is why in roman orthography, the hyphen (-) is used to make this distinction:

Compare		with		
t-h	CII	th	c	
s-h	511	sh	s	
p-h	<"	ph	«	

The hyphen is only used when there is a possibility for ambiguity.