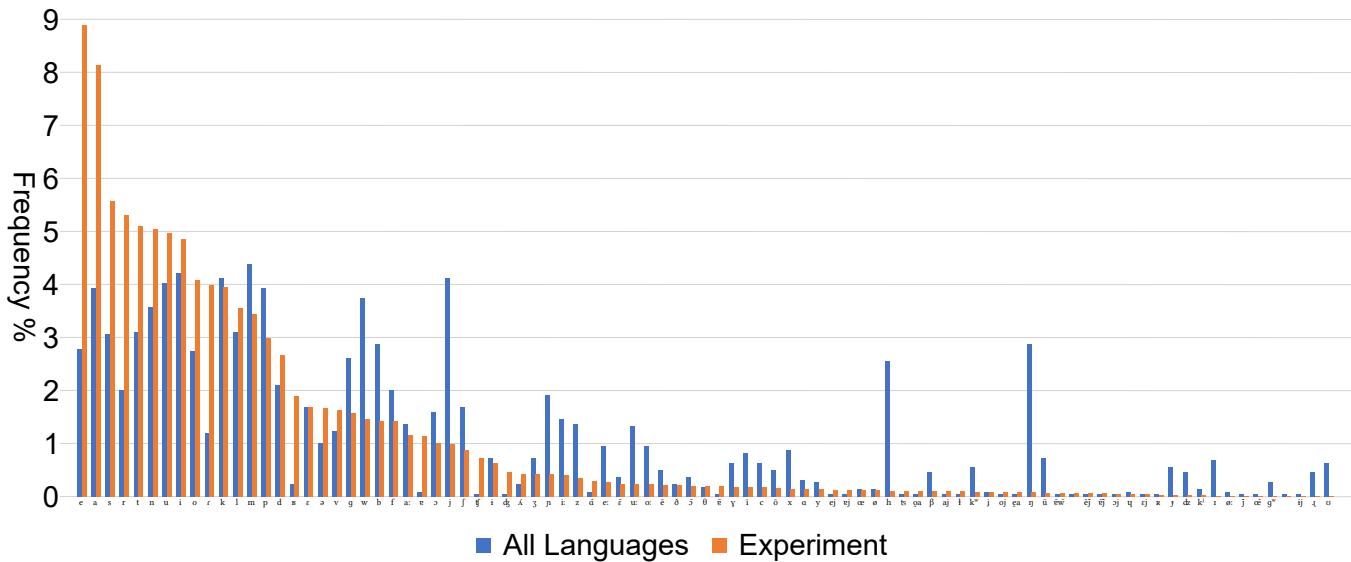


Appendix 1 - Prior Segment Frequencies



Appendix 2 - Prior Frequencies

Appendix 2 - Prior Frequencies

$\text{aj} \rightarrow \text{a}$

ToPull.Traheme							
t	r	aj	-	-	-	-	-
t	r	e	z	e	f	-	-

$\varepsilon j \rightarrow a$

ToSee.Primary							
v	-	εj	-	-	-	-	-
v	w	a	-	-	χ	-	-

$\circ j \rightarrow e:$

Ear.Primary							
ɔ	r	$\circ j$	-	-	-	-	-
o	r	e:	-	-	-	l	e

$\circ j \rightarrow j$

ToTie.Primary							
l	$\circ j$	i	-	-	-	-	-
l	j	-	e	-	-	-	-

$\circ j \rightarrow \varepsilon j$

ToRub.Primary							
f	r	$\circ j$	i	-	-	-	-
f	r	εj	e	-	-	-	-

$\circ j \rightarrow \circ a$

Leaf.Primary							
f	-	$\circ j$	-	-	-	-	-
f	-	$\circ a$	-	j	e	-	-

$\circ j \rightarrow \circ e$

Leaf.Primary							
f	-	$\circ j$	-	-	-	-	-
f	-	$\circ e$	j	-	-	-	-

$\circ j \rightarrow \circ a$

ToRub.Primary							
f	r	$\circ j$	i	-	-	-	-
f	r	$\circ a$	g	a	-	-	-

$a\ddot{u} \rightarrow o:$

Few.Primary							
p	a	u	k	u	s	-	-
p	o:	k	-	-	-	-	-

$a\ddot{u} \rightarrow a$

Bird.Aucellus							
-	a	u	k	-	e	l	l
w	a	z	-	o	-	-	-

$\xi a \rightarrow aj$

Fog.Caecia							
f	ξa	f	-	θ	-	-	-
k	a	j	k	i	a	-	-

$\xi a \rightarrow \circ e$

Star.Primary							
-	s	t	-	ξa	-	-	-
-	s	t	-	$\circ e$	-	l	-

Appendix 2 - Prior Frequencies

$\varepsilon j \rightarrow o$

ToSee.Primary									
v	-	εj	-	-	-	-	-	-	-
v	j	o	d	i	-	-	-	-	-

$\varepsilon a \rightarrow a$

ToDrink.Primary									
b	-	εa	-	-	-	-	-	-	-
b	w	a	-	-	-	\emptyset	-	-	-

$\varepsilon a \rightarrow \emptyset$

ToDrink.Primary									
b	-	εa	-	-	-	-	-	-	-
b	-	\emptyset	-	-	-	\emptyset	-	-	-

oj → a

Skin.Primary									
k	-	o	j	i	-	n	-	-	-
k	w	a	-	-	-	n	-	-	-

aj → εa

Fog.Caecia									
k	a	j	k	i	a	-	-	-	-
tʃ	εa	tʃ	-	-	ə	-	-	-	-

aj → i

Snow.Primary									
n	-	i	v	aj	-	-	-	-	-
n	-	ɛ	v	i	-	-	-	-	-

$g^w \rightarrow dʒ$

Blood.Primary									
s	a	n	g^w	-	i	n	e	m	-
s	i	n	dʒ	-	e	-	-	-	-

aj → i:

Sky.Primary									
k	-	aj	l	u	m	-	-	-	-
tʃ	-	i:	l	-	-	-	-	-	-

qa → ɥ

Rain.Primary									
p	l	qa	-	-	j	e	-	-	-
p	l	ɥ	-	-	i	-	-	-	-

qa → ɔj

Leaf.Primary									
f	-	qa	-	j	e	-	-	-	-
f	-	ɔj	-	-	-	-	-	-	-

qa → y

Night.Primary									
n	-	qa	p	t	e	-	-	-	-
n	-	y	-	t	-	-	-	-	-

qa → i

ToKnow.Cognoscere									
k	u	-	n	qa	ʃ	t	e	-	-
k	u	-	n	ɥ	i	s	-	e	r

Appendix 2 - Prior Frequencies

$\text{œ} \rightarrow \text{ɔj}$

Leaf.Primary

f	-	œ	j	-	-
f	-	ɔj	-	-	-

$\text{ea} \rightarrow \text{i}$

ToDrink.Primary

b	-	ea	-	-	-	-
b	-	i	β	e	r	-

$\text{ɛj} \rightarrow \text{ə}$

ToRub.Primary

f	β	ɛj	e	-	-	-
f	r	ə	g	a	-	-

$\text{ɛj} \rightarrow \text{o}$

Sun.Soliculus

s	ɔ	l	ɛj	-	-	-	-	-
s	ɔ	l	ɔ	-	-	-	-	-

$\text{ɛj} \rightarrow \text{ej}$

Ear.Primary

ɔ	r	ɛj	-	-	-	-	-
ɔ	v	ɛj	-	-	-	-	-

$w \rightarrow \varepsilon$

Black.Primary

n	w	a	-	β	-	-
n	ɛ	y	f	ə	-	-

$l \rightarrow k$

Old.Primary

w	-	e	t	u	l	u	s
v	-	ɛ	k	-	k	j	o

$l \rightarrow o$

Eye.Primary

-	o	-	k	u	l	u	s
-	o	-	x	-	o	-	-

$r \rightarrow \ell$

Ice.Primary

dʒ	e	r	-
ʒ	ɛ	ℓ	-

$r \rightarrow h$

ToPull.Trahore

t	r	a	r	-	r	e
t	r	a	h	e	r	e

$r \rightarrow s$

Back.Primary

d	-	o	r	s	u	m
d	-	ɔ	s	s	o	-

$r \rightarrow j$

Fog.Nebula

n	-	e	-	g	u	r	ə
n	-	e	b	b	-	j	a

Appendix 2 - Prior Frequencies

r → ə

Black.Primary

n	-	i	g	r	u	m
n	ɛ	y	r	ə	-	-

r → a:

ToKill.Adnecare

a	n	n	e	g	a	r	e
i	n	n	-	e	-	a:	-

r → i

Black.Primary

n	-	i	g	r	u	m
n	e	-	r	i	-	-

j → g

Knee.Genuculum

j	-	-	j	ɔ	-	-	-	-	-
g	-	e	n	i	-	k	u	l	u

j → d

ToStab.Primary

p	-	u	j	-	i	-	-
p	ʒ	-	d	-	-	-	-

j → m

All.Primary

o	j	j	i	-
o	m	n	i	s

m → n

All.Primary

o	m	n	i	s
o	j	j	i	-

m → i

Rope.Restis

r	e	s	t	e	m
ɛ	-	e	f	t	i

n → b

Name.Nominem

n	o:	m	i	n	-	e	m
n	o	m	-	b	r	e	-

n → k

Knee.Genuculum

dʒ	-	e	n	u	n	k ^j	-	-	-
dʒ	-	i	n	ɔ	k	k	-	j	o

n → ɪ

Road.Camminus

c	a	m	i	n	-	-	-
k	a	-	m	ɪ	p	u	-

n → i:

Road.Camminus

c	a	m	i	n	-	-	-
k	a	m	m	ɪ	n	u	s

Appendix 2 - Prior Frequencies

$\text{iw} \rightarrow \tilde{\varepsilon}$

Seed.Granum

g	r	iw	-	-	-
g	r	$\tilde{\varepsilon}$	-	-	-

$\text{iw} \rightarrow \text{a:}$

Seed.Granum

g	r	iw	-	-	-
g	r	a:	n	u	m

$\text{iw} \rightarrow \text{i}$

Seed.Granum

g	r	iw	-	-	-
g	r	i	n	-	-

$\text{i} \rightarrow \text{ɛ}$

ToBurn.Incendere

ĩ	-	s	e	n	dʒ	i	a	r	-
ĩ	-	s	ɛ	-	d	j	a	r	-

$\text{i} \rightarrow \text{j}$

ToBurn.Incendere

ĩ	-	s	e	n	dʒ	i	a	r	-
ĩ	-	s	ɛ	-	d	j	a	r	-

$\text{ɛj} \rightarrow \text{oj}$

ToRub.Primary

f	ɛ	ɛj	e	-	-	-
f	r	ɔj	i	-	-	-

$\text{œ} \rightarrow \text{ea}$

Star.Primary

-	s	t	-	œ	-	l	-
-	s	t	-	ea	-	-	-

$\text{œ} \rightarrow \emptyset$

Fire.Focus

f	-	œ	-	-	-
f	-	\emptyset	-	-	-

$\text{œ} \rightarrow \text{i:}$

Liver.Primary

f	-	œ	-	-	t	-	-
f	-	i:	k	a:	t	u	m

$\text{ej} \rightarrow \text{ɛj}$

Ear.Primary

ɔ	ɛ	ɛj	-	-	-	-	-
ɔ	r	ɛj	-	-	-	-	-

$\text{i} \rightarrow \text{o:}$

ToKnow.Cognoscere

k	u	-	p	i	s	-	e	r	-
k	o	g	n	o:	s	k	e	r	e

$\text{o} \rightarrow \text{u}$

Rain.Primary

p	j	ɔ	d	dʒ	-	a
p	l	u	-	-	i	-

Appendix 2 - Prior Frequencies

$\circ \rightarrow \varepsilon^j$

Sun.Soliculus

s	o	l	o	-	-	-	-	-
s	o	l	ε^j	-	-	-	-	-

$\circ \rightarrow a$

ToSwim.Navigare

n	o	-	-	j	i	-	-
n	a	v	i	y	a	r	-

$\circ \rightarrow \mathbf{\mathbf{e}}$

ToSwim.Navigare

n	o	-	-	j	i	-	-
n	e	b	ə	g	a	-	-

$\circ \rightarrow \mathbf{\mathbf{œ}}$

Some.Primary

a	l	k	o	n	-	-	-
o	-	k	œ	-	-	-	-

$\circ \rightarrow \tilde{e}$

ToStab.Primary

p	-	o	n	dʒ	i	-	-
p	w	ɛ	-	d	-	ɪ	-

$e \rightarrow aj$

ToPull.Trahere

t	f	æ	z	e	r	-	-
t	r	aj	-	-	-	-	-

$a \rightarrow o$

ToSwim.Navigare

n	a	v	i	y	a	r	-
n	o	-	-	j	i	-	-

$\mathbf{\mathbf{ə}} \rightarrow \mathbf{\mathbf{ɛ}}$

Black.Primary

n	ɛ	y	f	ə	-	-	-
n	w	a	-	ɛ	-	-	-

$\mathbf{\mathbf{ə}} \rightarrow r$

Black.Primary

n	ɛ	y	f	ə	-	-	-
n	-	i	g	r	u	m	-

$\mathbf{\mathbf{ə}} \rightarrow \varepsilon^j$

ToRub.Primary

f	r	ə	g	a	-	-	-
f	ɛ	ε^j	e	-	-	-	-

$\mathbf{\mathbf{ə}} \rightarrow \mathbf{\mathbf{o}j}$

ToRub.Primary

f	r	ə	g	a	-	-	-
f	r	ɔj	i	-	-	-	-

$\mathbf{\mathbf{ə}} \rightarrow \mathbf{\mathbf{o}}$

ToSwim.Navigare

n	ə	b	ə	g	a	-	-
n	ɔ	-	-	j	i	-	-

Appendix 2 - Prior Frequencies

$\theta \rightarrow \tilde{\theta}$

In.In	
θ	n
$\tilde{\theta}$	-

$\theta \rightarrow \tilde{\theta}$

In.In	
θ	n
$\tilde{\theta}$	-

$\alpha\tilde{e} \rightarrow \circ$

Some.Primary						
o	-	k	$\alpha\tilde{e}$	-	-	-
a	l	k	\circ	n	-	-
a	l	k	\circ	n	-	-

$\alpha\tilde{e} \rightarrow \circ$

One.Primary			
$\alpha\tilde{e}$	-	-	-
\circ	-	-	-

$\alpha\tilde{e} \rightarrow u:$

One.Primary			
$\alpha\tilde{e}$	-	-	-
u:	n	u	s

$\tilde{\theta} \rightarrow i$

In.In	
$\tilde{\theta}$	-
i	n

$\tilde{\theta} \rightarrow \circ$

In.In	
$\tilde{\theta}$	-
\circ	n

$\tilde{\theta} \rightarrow \tilde{a}$

In.In	
$\tilde{\theta}$	-
\tilde{a}	-

$\tilde{\theta} \rightarrow \varepsilon$

In.In	
$\tilde{\theta}$	-
ε	n

$\tilde{\theta} \rightarrow e:$

Cloud.Primary						
n	u	v	$\tilde{\theta}$	-	-	-
n	u:	b	e:	s	-	-

$\tilde{\theta} \rightarrow i$

In.In	
$\tilde{\theta}$	-
i	n

$i \rightarrow \emptyset$

ToDrink.Primary						
b	-	i	β	e	f	-
b	-	\emptyset	-	-	\emptyset	-

Appendix 2 - Prior Frequencies

w → ø

Black.Primary

n	w	a	-	v	-	-
n	ø	-	r	-	-	-

i → ø:

Narrow.Strictus

-	s	t	r	-	i	m	-	t	-	-
-	s	t	r	-	ø:	-	-	-	-	-

i → ēj

In.In

i	n
ēj	-

ej → a

Three.Primary

t	r	-	ej	-
t	v	w	a	-

ej → i

Narrow.Strictus

i	s	t	r	-	ej	-	-	t	u	-
-	s	t	r	-	i	m	-	t	-	-

ej → ẽ

Breast.Primary

s	ej	-	u	-
s	ẽ	-	-	-

ej → ø:

Narrow.Strictus

i	s	t	r	-	ej	-	-	t	u	-
-	s	t	r	-	ø:	-	-	-	-	-

ej → a:

ToSmell.Fragrare

f	-	ej	-	f	a	v	-
f	r	a:g	r	a:	r	e	

ej → i

Narrow.Strictus

i	f	t	r	-	ej	-	-	t	u	-
-	s	t	r	-	i	m	-	t	-	-

ej → ø:

Narrow.Strictus

i	f	t	r	-	ej	-	-	t	u	-
-	s	t	r	-	ø:	-	-	-	-	-

ej → a:

ToSmell.Fragrare

f	-	ej	-	f	a	r	-
f	r	a:g	r	a:	r	e	

y → u

Fruit.Primary

f	r	y	-	-	t	-	-
f	v	u	i	-	-	-	-

Appendix 2 - Prior Frequencies

y → qa

Night.Primary						
n	-	y	-	t	-	-
n	-	qa	p	t	e	-

y → i

River.Rivus						
b	y	-	-	-	-	-
r	i	-	w	-	-	-

y → ø

Moon.Primary						
l	y	n	-	-	-	-
l	ø	n	-	-	-	-

y → i:

River.Rivus						
b	y	-	-	-	-	-
r	i:	w	u	s	-	-

a → ea

ToDrink.Primary						
b	w	a	-	-	b	-
b	-	ea	-	-	-	-

a → ej

Three.Primary						
t	b	w	a	-	-	-
t	r	-	ej	-	-	-

a → i

ToDrink.Primary						
b	w	a	-	-	b	-
b	-	i	β	e	r	-

a → ẽ

Guts.Primary						
ã	-	t	-	b	a	-
ĩ	-	t	-	f	ẽ	j

i → m

Rope.Restis						
b	-	e	f	t	i	-
r	e	s	t	e	m	-

i → ea

ToDrink.Primary						
b	-	i	β	e	f	-
b	-	ea	-	-	-	-

i → aj

Snow.Primary						
n	-	ɛ	v	i	-	-
n	-	i	v	aj	-	-

i → qa

ToKnow.Cognoscere						
k	u	-	p	i	s	-
k	u	-	n	qa	ʃ	t

Appendix 2 - Prior Frequencies

$i \rightarrow ej$

Narrow.Strictus

-	s	t	r	-	i	m	-	t	-	-
i	s	t	f	-	ej	-	-	t	u	-

$i \rightarrow ej$

Narrow.Strictus

-	s	t	r	-	i	m	-	t	-	-
i	f	t	f	-	ej	-	-	t	u	-

$i \rightarrow y$

River.Rivus

r	i	-	w	-
b	y	-	-	-

$i \rightarrow a$

ToDrink.Primary

b	-	i	β	e	r	-
b	w	a	-	-	b	-

$i \rightarrow \tilde{e}$

In.In

i	n
\tilde{e}	-

$w \rightarrow \tilde{z}$

ToStab.Primary

p	w	\tilde{z}	-	d	-	b	-
p	\tilde{z}	-	d	-	-	-	-

$w \rightarrow z$

Rain.Primary

p	l	u	-	w	i	a
p	l	u	-	\tilde{z}	-	∂

$w \rightarrow h$

ToPull.Traheme

t	r	ε	w	-	r	∂
t	r	a	h	e	r	e

$h \rightarrow r$

ToPull.Traheme

t	r	a	h	e	r	e
t	r	a	r	-	r	e

$ts \rightarrow dz$

BarkOfATree.Scortea

-	s	k	-	qa	r	ts	-	∂
-	s	k	-	ɔ	r	dz	-	a

$ts \rightarrow \tilde{s}$

Belly.Pantex

p	a	n	ts	-	-	e	-
p	a	n	\tilde{s}	-	-	∂	-

$x \rightarrow g$

ToTurnIntransitive.Gyrare

x	i	r	a	r	-
g	y	r	a:	r	e

Appendix 2 - Prior Frequencies

$x \rightarrow d$

Day.Diurnata

x	-	o	r	n	a	d	a
d	i	u	r	n	a:	t	a

$x \rightarrow t$

Old.Primary

b	j	e	x	o	-	-	-
w	-	e	t	u	l	u	s

$c \rightarrow dz$

Hair.Capillus

c	a	v	e	l	-	-	-
dz	-	v	ɛ	-	-	-	-

$c \rightarrow g$

ToFloat.Primary

f	l	u	c	t	u	a	-	-
f	l	u	g	t	w	a	r	-

$c \rightarrow p$

Night.Primary

n	-	o	c	t	e	m
n	-	qa	p	t	e	-

$y \rightarrow t$

Lake.Primary

l	a	y	u	-
l	a:	t	-	-

$y \rightarrow a:$

ToBite.Morsicare

m	u	-	s	ə	y	a	-	-
m	o	r	s	e	a:	-	-	-

$\theta \rightarrow dz$

ToTurnIntransitive.Torquere

-	t	-	o	r	θ	e	r	-
s	t	w	a	r	dz	i	-	-

$\theta \rightarrow d$

ToTurnIntransitive.Torquere

-	t	-	o	r	θ	e	r	-
-	t	-	ɔ	ʊ	d	-	ʊ	-

$z \rightarrow dz$

Leaf.Frondea

f	r	u	n	z	-	ə
f	r	o	n	dz	-	a

$z \rightarrow j$

ToLieAsInABed.Iacere

z	ə	-	z	i	-	-
j	a	-	θ	e	r	-

$z \rightarrow i$

ToHear.Primary

au	-	z	i	-	-
ɔj	-	i	-	-	-

Appendix 2 - Prior Frequencies

$\mathfrak{z} \rightarrow \mathfrak{f}$

Red.Rubeus

ꝝ	ꝑ	-	\mathfrak{z}	-	-	-
r	ꝑ	-	\mathfrak{f}	-	-	-

$\mathfrak{z} \rightarrow f$

Rain.Primary

p	l	ꝑ	-	\mathfrak{z}	-	\mathfrak{o}
p	l	ꝑ	-	f	-	-

$\mathfrak{z} \rightarrow s$

ToWipe.Extergere

ꝝ	-	s	t	ꝑ	r	\mathfrak{z}	i	-	-
e	-	s	t	a	r	s	i	f	-

$\mathfrak{z} \rightarrow w$

Rain.Primary

p	l	ꝑ	-	\mathfrak{z}	-	\mathfrak{o}
p	l	ꝑ	-	w	i	a

$\mathfrak{z} \rightarrow i$

ToBurn.Incendere

ꝝ	n	\mathfrak{f}	i	n	d	\mathfrak{z}	e	-	-
ꝝ	-	s	e	n	$\mathfrak{d}\mathfrak{z}$	i	a	r	-

$\Lambda \rightarrow \mathfrak{t}$

Full.Primary

-	Λ	e	n	o	-
p	\mathfrak{t}	\mathfrak{e}	-	-	-

$d\mathfrak{z} \rightarrow g^w$

Blood.Primary

s	i	n	$d\mathfrak{z}$	-	e	-	-	-
s	a	n	g ^w	-	i	n	e	m

$d\mathfrak{z} \rightarrow j$

Leg.Gamba

$d\mathfrak{z}$	\tilde{a}	-	p	-
\mathfrak{f}	a	m	b	e

$d\mathfrak{z} \rightarrow r$

ToFlow.Excurrere

-	-	s	k	u	r	$d\mathfrak{z}$	e	-	-
i	-	\mathfrak{f}	k	u	-	\mathfrak{r}	e	r	-

$h \rightarrow w$

ToPull.Trahere

t	r	a	h	e	r	e
t	r	ɛ	w	-	r	ə

$d\mathfrak{z} \rightarrow h$

ToPull.Trahere

t	r	a	$d\mathfrak{z}$	e	-	-
t	r	a	h	e	r	e

$h \rightarrow t$

Bird.Aucellus

-	u	h	-	ɛ	-	-	-	-
-	u	t	\mathfrak{f}	ɛ	l	l	o	-

Appendix 2 - Prior Frequencies

$\grave{t} \rightarrow r$

Ice.Primary			
z	ε	grave t	-
dʒ	e	r	-

$g^w \rightarrow b$

Tongue.Primary			
l	i	n	g^w
l	i	m	b

$g^w \rightarrow k$

Blood.Primary			
s	a	n	g^w
s	a	n	k

$dz \rightarrow k^w$

ToTurnIntransitive.Torquere			
s	t	w	a r dz i
-	t	-	o r k ^w e: r e

$dz \rightarrow ts$

BarkOfATree.Scorteia			
-	s	k	- ɔ r dz - a
-	s	k	- ɔɑ r ts - ə

$dz \rightarrow θ$

ToTurnIntransitive.Torquere			
s	t	w	a r dz i
-	t	-	o r θ e r

$dz \rightarrow z$

Leaf.Frondea			
f	r	o	n dz - a
f	r	u	n z - ə

$dz \rightarrow t$

BarkOfATree.Scorteia			
-	s	k	- ɔ r dz - a
-	s	k	- o r t e a

$k^j \rightarrow t$

Old.Primary			
v	-	e	grave k ^j - - - -
w	-	e	t u l u s

$ʃ \rightarrow dʒ$

Leg.Gamba			
ʃ	a	m	b e
dʒ	ã	-	p -

$ʃ \rightarrow tʃ$

ToDig.Cavare			
ʃ	a	v	a: - -
tʃ	a	v	e - -

$ʃ \rightarrow d$

ToEat.Manducare			
m	a	n	ʃ - - a: - -
m	a	n	d u k a: r e

Appendix 2 - Prior Frequencies

$r \rightarrow dʒ$

ToFlow.Excurrere									
i	-	f	k	u	-	ṛ	e	r	-
-	-	s	k	u	r	dʒ	e	-	-

$q \rightarrow w$

ToThink.Primary									
k	q	-	-	i	d	e	-	-	-
k	w	-	-	i	d	a	r	-	-

$q \rightarrow əa$

Rain.Primary									
p	l	q	-	-	-	i	-	-	-
p	l	əa	-	-	-	j	e	-	-

$q \rightarrow y$

Fruit.Primary									
f	z	q	i	-	-	-	-	-	-
f	r	y	-	-	-	t	-	-	-

$q \rightarrow ɔ$

Rain.Primary									
p	l	q	-	-	-	i	-	-	-
p	j	ɔ	d	dʒ	-	a	-	-	-

$q \rightarrow ε$

Rain.Primary									
p	l	q	-	-	-	i	-	-	-
p	l	ε	-	-	-	f	-	-	-

$q \rightarrow o$

Rain.Primary									
p	l	q	-	-	-	i	-	-	-
p	l	o	-	-	-	j	e	-	-

$k^w \rightarrow dz$

ToTurnIntransitive.Torquere									
-	t	-	o	r	k ^w	e:	r	e	-
s	t	w	a	r	dz	i	-	-	-

$k^w \rightarrow d$

ToTurnIntransitive.Torquere									
-	t	-	o	r	k ^w	e:	r	e	-
-	t	-	ɔ	v	d	-	v	-	-

$j \rightarrow z$

ToLieAsInABed.Iacere									
j	a	-	θ	e	r	-	-	-	-
z	ə	-	ʃ	ɛa	-	-	-	-	-

$j \rightarrow g$

Ice.Primary									
j	e	l	o	-	-	-	-	-	-
g	e	l	u:	-	-	-	-	-	-

$t \rightarrow k$

Full.Primary									
p	t	ɛ	-	-	-	-	-	-	-
-	ʌ	e	n	o	-	-	-	-	-

Appendix 2 - Prior Frequencies

$\mathfrak{t} \rightarrow \mathfrak{r}$

Sun.Primary					
s	ɔ	\mathfrak{t}	-	-	-
s	əʊ	r	e	-	-

$\mathfrak{t} \rightarrow j$

Full.Primary					
p	\mathfrak{t}	ɛ	-	-	-
p	j	ɛ	n	o	-

h → dʒ

ToPull.Trahēre					
t	r	a	h	e	r
t	r	a	dʒ	e	-

ɛj → ə

In.In	
ɛj	-
ə	n

dʒ → c

Hair.Capillus					
dʒ	-	v	ɛ	-	-
c	a	v	e	l	-

dʒ → ʃ

Hair.Capillus					
dʒ	-	v	ɛ	-	-
ʃ	ə	v	ø	-	-

k → l

Old.Primary					
v	-	ɛ	k	-	k
w	-	e	t	l	u

k → n

Knee.Genuculum					
dʒ	-	i	n	ɔ	k
dʒ	-	e	n	u	n

r → ɿ

ToScratch.Cocciare					
k	u	s	a	r	
k	o	s	a	ɿ	

r → ɿ

Sun.Primary					
s	əʊ	r	e	-	-
s	ɔ	ɿ	-	-	-

r → j

Mouth.Gula					
g	u	r	ə		
g	œ	j	-		

r → a

ToSuck.Primary					
ʃ	u	-	f	a	-
s	u	k	k	j	r

Appendix 2 - Prior Frequencies

$f \rightarrow i$

ToSuck.Primary									
f	u	-	f	a	r	-	-	-	-
s	y	-	s	-	i	-	-	-	-

$t \rightarrow dz$

BarkOfATree.Scorteia									
-	s	k	-	o	r	t	e	a	
-	s	k	-	ɔ	r	dz	-	a	

$t \rightarrow k^j$

Old.Primary									
w	-	e	t	u	l	u	s		
v	-	e	k ^j	-	-	-	-	-	-

$t \rightarrow h$

Bird.Aucellus									
-	u	t	ɸ	ɛ	l	l	o	-	-
-	u	h	-	ɛ	-	-	-	-	-

$t \rightarrow x$

Old.Primary									
w	-	e	t	u	l	u	s		
b	j	e	x	o	-	-	-	-	-

$t \rightarrow y$

Lake.Primary									
l	a:	t	-	-	-	-	-	-	-
l	a	y	u	-	-	-	-	-	-

$t \rightarrow i$

Skin.Primary									
k	-	o	t	e	n	n	a		
k	-	oj	i	-	n	-	-	-	-

$s \rightarrow ʒ$

ToWipe.Extergere									
e	-	s	t	a	r	s	i	r	-
ə	-	s	t	ə	r	ʒ	i	-	-

$s \rightarrow g$

ToWipe.Extergere									
e	-	s	t	a	r	s	i	r	-
e	k	s	t	e	r	g	e	r	e

$s \rightarrow r$

Back.Primary									
d	-	ɔ	s	s	s	o	-	-	-
d	-	o	r	s	u	m	-	-	-

$j \rightarrow ɿ$

Full.Primary									
p	j	ɛ	n	o	-	-	-	-	-
p	ɿ	ɛ	-	-	-	-	-	-	-

$j \rightarrow ɸ$

Bird.Aucellus									
-	u	ɸ	j	ɛ	-	l	-	-	-
-	u	t	ɸ	ɛ	l	l	o	-	-

Appendix 2 - Prior Frequencies

j → r

Mouth.Gula						
g	œ	j	-			
g	u	r	ə			

j → r

Fog.Nebula						
n	-	e	b	b	-	j
n	-	e	-	g	u	r

j → i

ToBurn.Incendere						
ĩ	-	s	ẽ	-	d	j
ĩ	-	s	e	n	dʒ	i

j → ɔj

ToTie.Primary						
l	j	-	e	-	-	-
l	ɔj	i	-	-	-	-

j → o

Eye.Primary						
-	ɔ	k	k	-	j	o
-	o	-	x	-	o	-

j → i:

River.Riparia						
β	i	v	j	ɛ	β	-
r	i	v	i:	-	r	-

w → ɥ

ToThink.Primary						
k	w	-	-	i	d	a
k	ɥ	-	-	i	d	e

k → gʷ

Blood.Primary						
s	a	n	k	-	-	-
s	a	n	gʷ	-	i	n

dʒ → tʃ

Red.Rubeus						
r	u	-	dʒ	e	-	-
r	ɔ	-	tʃ	-	-	-

p → u

Stone.Lapidem						
l	a	p	i	d	e	m
l	a	u	-	d	e	-

d → p

ToStab.Primary						
p	ɔ	-	d	-	-	-
p	-	u	p	-	i	-

dʒ → f

Rain.Primary						
p	j	ɔ	d	dʒ	-	a
p	l	ɛ	-	f	-	-

Appendix 2 - Prior Frequencies

$\text{dʒ} \rightarrow i$

Skin.Primary									
k	-	o	dʒ	i	-	-	-	e	
k	-	o	j	i	-	n	-	-	

$\text{f} \rightarrow \text{ʃ}$

ToDig.Cavare

f	a	v	e	-	-				
f	a	v	a:	-	-				

$\text{f} \rightarrow \text{z}$

Red.Rubeus

r	ɔ	-	f	-	-	-	-		
r	u	-	ʒ	-	-	-	-		

$\text{f} \rightarrow \text{dʒ}$

Red.Rubeus

r	ɔ	-	f	-	-	-	-		
r	u	-	dʒ	e	-	-	-		

$\text{f} \rightarrow \text{j}$

Bird.Aucellus

-	u	t	f	ɛ	l	l	o	-	
-	u	f	j	ɛ	-	l	-	-	

$\text{f} \rightarrow e$

Rope.Restis

β	-	ɛ	f	f	i				
r	e	s	t	e	m				

$\text{f} \rightarrow \text{ts}$

Belly.Pantex

p	a	n	f	-	-	ə	-		
p	a	n	ts	-	-	e	-		

$\text{f} \rightarrow \text{dʒ}$

Hair.Capillus

f	ə	v	ø	-	-	-	-	-	
dʒ	-	v	ɛ	-	-	-	-	-	

$f \rightarrow z$

Rain.Primary

p	l	ɛ	-	f	-	-			
p	l	u	-	ʒ	-	ə			

$f \rightarrow dʒ$

Rain.Primary

p	l	ɛ	-	f	-	-			
p	j	ɔ	d	dʒ	-	a			

$b \rightarrow g^w$

Tongue.Primary

l	i	m	b	-	ə				
l	i	n	g ^w	-	a				

$b \rightarrow n$

Name.Nominem

n	o	m	-	b	f	e	-		
n	o:	m	i	n	-	e	m		

Appendix 2 - Prior Frequencies

$g \rightarrow j$

Ice.Primary				
g	e	l	u:	
j	e	l	o	

$g \rightarrow x$

ToTurnIntransitive.Gyrare

g	y	r	a:	r	e
x	i	f	a	r	-

$g \rightarrow c$

ToFloat.Primary

f	l	u	g	t	w	a	r	-
f	l	u	c	t	u	a	-	-

$g \rightarrow s$

ToWipe.Extergere

e	k	s	t	e	r	g	e	r	e
e	-	s	t	a	r	s	i	r	-

$g \rightarrow n$

Knee.Genuculum

g	-	e	n	i	-	k	u	l	u	m
j	-	-	p	o	-	-	-	-	-	-

$\kappa \rightarrow \partial$

Black.Primary

n	w	a	-	\kappa	-	-	-
n	\epsilon	y	f	\partial	-	-	-

$\kappa \rightarrow a:$

ToSuck.Primary

\int	u	-	\int	a	\kappa	-	-	-
c	u	-	c	-	a:	-	-	-

$\kappa \rightarrow a$

ToSuck.Primary

\int	u	-	\int	a	\kappa	-	-	-
s	u	k	k	j	a	r	e	

$d \rightarrow \mathfrak{z}$

ToEat.Manducare

m	a	n	d	u	k	a:	r	e
m	a	n	\mathfrak{z}	-	-	a:	-	-

$d \rightarrow k^w$

ToTurnIntransitive.Torquere

-	t	-	\circ	\kappa	d	-	\kappa	-
-	t	-	o	r	k^w	e:	r	e

$d \rightarrow x$

Day.Diurnata

d	i	u	r	n	a:	t	a
x	-	o	r	n	a	d	a

$d \rightarrow \theta$

ToTurnIntransitive.Torquere

-	t	-	\circ	\kappa	d	-	\kappa	-
-	t	-	o	r	\theta	e	r	-

Appendix 2 - Prior Frequencies

$p \rightarrow c$

Night.Primary									
n	-	o	a	p	t	e	-		
n	-	o	c	t	e	m			

$\tilde{e}j \rightarrow \tilde{a}$

In.In	
$\tilde{e}j$	-
\tilde{a}	-

$\mathfrak{t} \rightarrow r$

ToScratch.Coctiare									
k	o	s	a	\mathfrak{t}					
k	u	s	a	r					

$\emptyset: \rightarrow i$

Narrow.Strictus									
-	s	t	r	-	$\emptyset:$	-	-	-	-
-	s	t	r	-	i	m	-	t	-

$\tilde{a} \rightarrow \tilde{e}j$

In.In	
\tilde{a}	-
$\tilde{e}j$	-

$a \rightarrow oj$

Skin.Primary									
k	w	a	-	-	-	n	-		
k	-	oj	i	-	n	-	-		

$\tilde{\epsilon} \rightarrow a:$

Seed.Granum									
g	v	$\tilde{\epsilon}$	-	-	-	-	-	-	-
g	r	a	n	u	m				

$a \rightarrow \emptyset:$

Narrow.Strictus									
e	-	t	v	w	a	-	-	-	-
-	s	t	r	-	$\emptyset:$	-	-	-	-

$i: \rightarrow j$

River.Riparia									
r	i	v	\tilde{i}	-	r	-	-	-	-
v	i	v	j	ϵ	v	-	-		

$i: \rightarrow n$

Road.Camminus									
k	a	m	m	i:	n	u	s		
c	a	m	i	n	-	-	-		

$i: \rightarrow aj$

Sky.Primary									
f	-	i:	l	-	-	-	-	-	-
k	-	aj	l	u	m				

$\tilde{\epsilon} \rightarrow \circ$

ToStab.Primary									
p	w	$\tilde{\epsilon}$	-	d	-	v	-		
p	-	\circ	n	dʒ	i	-	-		

Appendix 2 - Prior Frequencies

$\tilde{\varepsilon} \rightarrow ej$

Breast.Primary					
s	$\tilde{\varepsilon}$	-	-	-	-
s	ej	-	u	-	-

a → au̇

Bird.Aucellus

w	a	z	-	o	-	-	-	-	-
-	au̇	k	-	e	l	l	u	s	-

u → p̄

Stone.Lapidem

l	a	u	-	d	e	-
l	a	p	i	d	e	m

i: → œ

Liver.Primary

f	-	i:	k	a:	t	u	m
f	-	œ	-	-	t	-	-

i: → y

River.Rivus

r	i:	w	u	s
b	y	-	-	-

i: → ø

Cold.Primary

f	r	-	i:	g	i	d	u	s
f	r	-	ø	-	-	-	-	-

ø → i:

Cold.Primary

f	r	-	ø	-	-	-	-	-
f	r	-	i:	g	i	d	u	s

a: → r̄

ToKill.Adnecare

i	n	n	-	e	-	a:	-
a	n	n	e	g	a	r̄	e

ɛ → ɥ̄

Rain.Primary

p	l	ɛ	-	f	-	-
p	l	ɥ̄	-	-	i	-

ɔ̄ → u:

One.Primary

ɔ̄	-	-	-
u:	n	u	s

ɔ̄ → ã̄

Blood.Primary

s	ɔ̄	-	g	-	-	-	-	-
s	ã̄	-	-	-	-	-	-	-

ɛ → w̄

Black.Primary

n	ɛ	y	f	ə	-	-
n	w̄	a	-	v̄	-	-

Appendix 2 - Prior Frequencies

$\tilde{\varepsilon} \rightarrow \text{iw}$

Seed.Granum

g	v	$\tilde{\varepsilon}$	-	-	-
g	r	iw	-	-	-

$\tilde{a} \rightarrow \tilde{ej}$

In.In

\tilde{a}	-
\tilde{ej}	-

$a \rightarrow \varepsilon j$

ToSee.Primary

v	w	a	-	-	v	-
v	-	εj	-	-	-	-

$\tilde{a} \rightarrow \tilde{o}$

Blood.Primary

s	\tilde{a}	-	-	-	-	-	-	-
s	\tilde{o}	-	g	-	-	-	-	-

$\emptyset \rightarrow w$

Black.Primary

n	\emptyset	-	r	-	-	-
n	w	a	-	v	-	-

$a: \rightarrow \text{iw}$

Seed.Granum

g	r	a:	n	u	m
g	r	iw	-	-	-

$\emptyset: \rightarrow i$

Narrow.Strictus

-	s	t	r	-	$\emptyset:$	-	-	-	-
-	s	t	r	-	i	k	t	u	s

$a: \rightarrow \emptyset$

ToSuck.Primary

c	u	-	c	-	a:	-	-
f	u	-	f	a	v	-	-

$a: \rightarrow y$

ToBite.Morsicare

m	o	r	s	e	a:	-	-	-
m	u	-	s	\emptyset	y	a	-	-

$\emptyset: \rightarrow a$

Narrow.Strictus

-	s	t	r	-	$\emptyset:$	-	-	-	-
e	-	t	v	w	a	-	-	-	-

$a: \rightarrow ej$

ToSmell.Fragrare

f	r	a:	g	r	a:	r	e
f	-	ej	-	f	a	v	-

$a: \rightarrow ej$

ToSmell.Fragrare

f	r	a:	g	r	a:	r	e
f	-	ej	-	f	a	f	-

Appendix 2 - Prior Frequencies

$\emptyset \rightarrow \infty$

Fire.Focus

f	-	\emptyset	-	-	-
f	-	∞	-	-	-

u → i:

ToSmell.Olere

-	u	l	u	r	a
n	u	l	i:	-	-

$\emptyset: \rightarrow o:$

Two.Duos

d	-	$\emptyset:$	s
d	u	$\emptyset:$	s

$\emptyset \rightarrow y$

Moon.Primary

l	\emptyset	n	-
l	y	n	-

a: → ɛ

Seed.Granum

g	r	a:	n	u	m
g	ɛ	ɛ	-	-	-

$\emptyset: \rightarrow \emptyset$

Two.Duos

d	-	$\emptyset:$	s
d	-	\emptyset	-

$\emptyset \rightarrow i$

ToDrink.Primary

b	-	\emptyset	-	-	v	-
b	-	i	β	e	r	-

a → v

ToSuck.Primary

s	u	k	k	j	a	r	e
ʃ	u	-	ʃ	a	v	-	-

$\emptyset \rightarrow \emptyset:$

Two.Duos

d	-	\emptyset	-
d	-	$\emptyset:$	s

$\emptyset: \rightarrow ej$

Narrow.Strictus

-	s	t	r	-	$\emptyset:$	-	-	-	-	-
i	ʃ	t	r	-	ej	-	-	t	u	-

$\emptyset: \rightarrow ej$

Narrow.Strictus

-	s	t	r	-	$\emptyset:$	-	-	-	-	-
i	s	t	r	-	ej	-	-	t	u	-

a → r

ToSuck.Primary

s	u	k	k	j	a	r	e
ʃ	u	-	ʃ	a	v	-	-

Appendix 2 - Prior Frequencies

$\tilde{a} \rightarrow u:$

How.Quomodo

k	ɔ	m	ã	-	-
tʃ	e	m	u:	t	-

$\tilde{o} \rightarrow \tilde{oe}$

One.Primary

ɔ̃	-	-	-
œ̃	-	-	-

i → z

ToHear.Primary

ɔj	-	i	-	-	-
au	-	z	i	-	-

i: → u

ToSmell.Olere

n	u	l	i:	-	-
-	u	l	u	r	a

ø → ə̃a

ToDrink.Primary

b	-	ø	-	-	b	-
b	-	ə̃a	-	-	-	-

i → ø:

Narrow.Strictus

-	s	t	r	-	i	-	k	t	u	s
-	s	t	r	-	ø:	-	-	-	-	-

e → tʃ

Rope.Restis

r	e	s	t	e	m
ø	-	ɛ	tʃ	ɪ	

o → ɪ

Eye.Primary

-	o	-	x	-	o	-	-
-	o	-	k	u	l	u	s

o: → ø:

Two.Duos

d	u	ø:	s
d	-	ø:	s

o → j

Eye.Primary

-	o	-	x	-	o	-	-
-	ɔ	k	k	-	j	o	-

i → dʒ

Skin.Primary

k	-	oj	i	-	n	-	-
k	-	o	dʒ	i	-	-	a

o: → i

ToKnow.Cognoscere

k	o	g	n	o:	s	k	e	r	e
k	u	-	p	i	s	-	e	r	-

Appendix 2 - Prior Frequencies

u: → ū

One.Primary

u:	n	u	s
ū	-	-	-

i → iw

Seed.Granum

g	r	i	n	-	-
g	r	iw	-	-	-

i → r

Black.Primary

n	e	-	r	i	-	-
n	-	i	g	r	u	m

ē → a

Guts.Primary

ī	-	t	-	r	ē	j	n	-	a
ā	-	t	-	z	a	-	j	-	-

i → t

Skin.Primary

k	-	oj	i	-	n	-	-
k	-	o	t	e	n	n	a

e: → εj

Ear.Primary

o	r	ē	-	-	-	l	e
ɔ	R	ɛj	-	-	-	-	-

e: → ēj

Cloud.Primary

n	u:	b	ē:	s
n	u	v	ēj	-

o: → u:

Egg.Primary

-	o:	w	u	m
-	u:	f	-	-

u: → ɔ

One.Primary

u:	n	u	s
ɔ	-	-	-

u: → ā

How.Quomodo

tf	e	m	u:	t	-
k	ɔ	m	ā	-	-

o: → au

Few.Primary

p	o:	k	-	-
p	au	k	u	s

ε → ēj

In.In

ɛ	n
ēj	-

Appendix 2 - Prior Frequencies

e: → ēj

Cloud.Primary			
n	u:	b	e: s
n	u	v	ēj -

ȝ → w

ToStab.Primary							
p	ȝ	-	d	-	-	-	-
p	w	ȝ	-	d	-	þ	-

o → Ȳ

Rain.Primary					
p	l	Ȳ	-	-	j e
p	l	Ȳ	-	-	i -

ēj → e:

Cloud.Primary			
n	u	v	ēj -
n	u:	b	e: s

u: → o:

Egg.Primary				
-	u:	f	-	-
-	o:	w	u	m

o → Ȳj

ToSee.Primary					
v	j	Ȳ	d	i	-
v	-	Ȳj	-	-	-

i → Ȳ

ToSuck.Primary					
s	y	-	s	-	Ȳ
ʃ	u	-	ʃ	a	Ȳ

Ȳ → n

Road.Camminus					
k	a	-	m	Ȳ	j n u -
c	a	m	i	n	- - -

k → h

Bird.Aucellus				Near.Vicinus			
-	au	Ȳk	-	e	l	l	u s
-	u	h	-	ɛ	-	-	-

l → jn

Animal.Primary				Animal.Primary			
a	n	Ȳm a:	Ȳl	i	a	-	-
a	l	Ȳm a	Ȳjn	-	a	a l i m a	Ȳjn - a

o → ɔ

Red.Primary				Red.Primary			
r	o	-	x	Ȳo	-	r	o s s o -
ȝ	o	-	ʃ	ɔ	-	ȝ	o - ʃ ɔ -

d → Ȳf

ToTurnIntransitive.Torquere				ToTurnIntransitive.Torquere			
-	t	-	ɔ	ȝ	d	-	ȝ
-	t	-	ɔ	r	Ȳf	e	r e

Appendix 2 - Prior Frequencies

$\text{o} \rightarrow \text{r}$

Black.Primary		Black.Primary	
n e y f o - -	n e - r o - -	n - i g r u m	n - i g r u m
n - i g r u m	n - i g r u m		

$\text{r} \rightarrow \text{z}$

ToPull.Trahere		ToPull.Trahere	
t r a r - r e	t r a r - r e	t r a z e -	t r e z e r -
t r a z e -	t r e z e r -		

$\text{p} \rightarrow \text{k}^w$

Water.Primary		Four.Primary	
a - p - ə	p - a - t - - r u	a - k ^w - a	k ^w - a t t w o r -
a - k ^w - a	k ^w - a t t w o r -		

$\text{r} \rightarrow \text{o}$

Black.Primary		Black.Primary	
n - i g r u m	n - i g r u m	n e y f o - -	n e - r o - -
n e y f o - -	n e - r o - -		

$\text{a:} \rightarrow \text{g}$

ToBite.Morsicare		ToBite.Morsicare	
m o r s e a: - - -	m o r s e a: - - -	m u - s ə g a - -	m u - s ə g a r -
m u - s ə g a - -	m u - s ə g a r -		

$\text{o} \rightarrow \text{ɪ}$

Black.Primary		Black.Primary	
n e y f o - - -	n e - r o - - -	n w a - ɪ - -	n w a - ɪ - -
n w a - ɪ - -	n w a - ɪ - -		

$\text{o} \rightarrow \text{ʌ}$

Eye.Primary		Eye.Primary	
- o - x - o - -	- o - x - o - -	- o - x - o - -	- o - x - o - -
- o - - - ʌ u - -	- o - - - ʌ u - -	- o - - - ʌ u - -	- o - - - ʌ u - -

$\text{d} \rightarrow \text{dz}$

Leaf.Frondea		ToTurnIntransitive.Torque	
f r o n d e a	f r o n d e a	- t - ɔ ɪ d - ɪ -	s t w a r dz i - -
f r o n dz - a	s t w a r dz i - -		

$\text{ɪ} \rightarrow \text{i}$

ToSuck.Primary		Black.Primary	
ʃ u - ʃ a ɪ - -	n w a - ɪ - -	s y - s - i - -	n e - r i - -
s y - s - i - -	n e - r i - -		

$\text{p} \rightarrow \text{v}$

Water.Primary		Water.Primary	
a - p - ə	a - p - ə	a - y w a	aj - y w ə
a - y w a	aj - y w ə		

$\text{u} \rightarrow \text{i}$

ToSwell.Primary		ToSwell.Primary	
u m f l a - -	u m f l a - -	ɪ - ʃ - a r - -	ɪ - ʃ - a r - -
ɪ - ʃ - a r - -	ɪ - ʃ - a r - -		

$\text{u} \rightarrow \text{e}$

Fruit.Primary		Fruit.Primary	
f r u: - k t u s	f r u: - k t u s	f r u: - t e -	f r u: - t e -
f r u: - t e -	f r u: - t e -		

Appendix 2 - Prior Frequencies

w → ðʒ

Rain.Primary	ToPull.Trahore
p l u - w i a	t r ε w - r ə
p j ɔ d ðʒ - a	t r a ðʒ e - -

t → u

Many.Primary	Many.Primary
m ū j - t u	m ū j - t u
m u l t u s	m u l t u s

t → b

Thin.Subtilis	Thin.Subtilis
s o t t i l e -	s o t t i l e -
s u b t i l e m	s u b t i r e -

t → ʌ

Back.Spatula	Back.Spatula
- s p a t u l a	- s p a t - - -
ə s p a ʌ - ʌ ə	ə s p a ʌ - ʌ ə

t → z

Bird.Aucellus	Foot.Primary
- u t f ε l l o -	p - i: - t - -
w a z - o - - - -	p i e - z - -

j → k^j

Eye.Primary	Eye.Primary
- œ - j - - - -	- u - j - - - -
- o - k ^j - - - -	- o - k ^j - - - -

j → γ

ToSwim.Navigare	ToSwim.Navigare
n ɔ - - j i - -	n ɔ - - j i - -
n a v i γ a ʊ -	n e v i γ a ʊ -

j → z

ToLieAsInABed.Iacere	ToLieAsInABed.Iacere
j a - k e: r e	j e - s i - -
z ə - f ɛ a - -	z ə - f ɛ a - -

u: → ү

One.Primary	One.Primary
u: n u s	u: n u s
ү - - -	ү - - -

u → b

ToStand.Levare	ToStand.Levare
l - u a - -	l - u a - -
j e b a r -	ʌ ə b a - -

u: → ყ

Fruit.Primary	ToKill.Tutari
f r u: - k t u s	t u: - t a: r i
f ɯ ყ i - - - -	t ყ - - e - -

j → a

ToSuck.Primary	ToSuck.Primary
s u k k j a r e	s u k k j a r e
ʃ u - ʃ a ʊ - -	ʃ u - ʃ a ʊ - -

Appendix 2 - Prior Frequencies

$\text{o} \rightarrow \text{e}$:

Louse.Primary	Louse.Primary
p j o - - - x - - o -	p - o - - - - - - -
p - e: d u - k u l u s	p - e: d u - k u l u s

$\text{u} \rightarrow \text{k}$

Few.Primary	Few.Primary
p a <u>u</u> k u s	p a <u>u</u> k u s
p o w k u	p o w k u

$\text{o} \rightarrow \emptyset$:

Two.Duos	Two.Duos
d - o s	d - o s
d - ø: s	d - ø: s

$\text{u} \rightarrow \text{t}$

Many.Primary	Many.Primary
m u l t u s	m u l t u s
m ū ţ - t u	m ū ţ - t u

$\text{r} \rightarrow \text{a}$:

ToSuck.Primary	ToKill.Adnecare
f u - f a r - -	a - n e g a r -
c u - c - a: - -	i n n - e - a: -

$\text{o} \rightarrow \tilde{\alpha}$

How.Quomodo	How.Quomodo
kʷ o: m o d o	k o m o - -
k ŋ m ð - -	k ŋ m ð - -

$\text{w} \rightarrow \text{z}$

ToPull.Traheme	ToPull.Traheme
t r ε w - f ə	t r ε w - f ə
t r a z e - -	t r e z e f -

$\text{o} \rightarrow \tilde{\varepsilon}$

Far.Primary	Far.Primary
l - o n t a n o	l - o n t a n -
l w ũ - t ũ - -	l w ũ - t ũ - -

$\text{k} \rightarrow \text{e}$

ToRub.Primary	ToRub.Primary
f r i k a: r e	f r e k a - -
f ŋ ej e - - -	f ŋ ej e - - -

$\text{k} \rightarrow \text{i}$

ToRub.Primary	ToRub.Primary
f r i k a: r e	f r e k a - -
f ŋ ŋ i - - -	f ŋ ŋ i - - -

$\text{k} \rightarrow \text{u}$

Few.Primary	Few.Primary
p o w k u	p o w k u
p a <u>u</u> k u s	p a <u>u</u> k u s

$\text{u} \rightarrow \tilde{\varepsilon}\tilde{w}$

Not.Primary	Not.Primary
n u -	n u -
n ũ -	n ũ -

Appendix 2 - Prior Frequencies

w → n

Heart.Anima	Heart.Anima
a w - m e	a w - m e
a n i m a	i n i m ə

u: → i

YouSingular.Primary	ToWipe.Exsucare
t u:	e k s - u: k - a: r e
t i	e - s q i - j e - -

ẽj → a:

Mother.Primary	Mother.Primary
m ẽj - - - -	m ẽj - - - -
m a: t r e m	m a: t r e m

ɛ → o

Black.Primary	Black.Primary
n w a - ɛ - -	n w a - ɛ - -
n e y r o - - -	n e - r o - - -

i → ɛ

ToSuck.Primary	Black.Primary
s y - s - i - -	n e - r i - - -
f u - f a ɛ - -	n w a - ɛ - -

γ → j

ToSwim.Navigare	ToSwim.Navigare
n a v i γ a ɛ -	n e v i γ a ɛ -
n ɔ - - j i - -	n ɔ - - j i - -

γ → p

Water.Primary	Water.Primary
a - γ w a	aj - γ w ə
a - p - ə	a - p - ə

γ → kʷ

Water.Primary	Water.Primary
a - γ w a	aj - γ w ə
a - kʷ - a	a - kʷ - a

i → k

ToRub.Primary	ToRub.Primary
f r ɔj i - - -	f r ɔj i - - -
f r i k a: r e	f r e k a - - -

i → aj

Sky.Primary	Snow.Primary
s - i r - -	n - ε v i -
k - aj l u m	n - i v aj -

i → qa

Night.Primary	Night.Primary
n ɿ i - - - -	n - i - t - -
n - qa p t e -	n - qa p t e -

h → k

Bird.Aucellus	Near.Vicinus
- u h - ε - - -	v - ε h ē - - -
- aʊ k - e l l u s	w - i: k i: n u s

Appendix 2 - Prior Frequencies

$\beta \rightarrow f$

New.Primary	New.Primary
n w e β o -	n w e β o -
n - œ f - -	n - u: f - -

$i \rightarrow \tilde{w}$

Seed.Granum	Seed.Granum
g r i n - -	g r i n - -
g r ̃w - - -	g r ̃w - - -

$i \rightarrow u:$

YouSingular.Primary	ToWipe.Exsucare
t i	e - s u i - j e - -
t u:	e k s - u: k - a: r e

$e: \rightarrow œ$

Woman.Primary	Star.Primary
f e: - m i - n - a	- s t - e: l l a
f œ - m - - - - -	- s t - œ - l -

$j \rightarrow \tilde{s}$

Rain.Primary	Rain.Primary
j - u - b j a	j - u - b j a
ʃ - u - v - e	ʃ - u - v - e

$e: \rightarrow a$

Three.Primary	Three.Primary
t r - e: s	t r - e: -
t ɹ w a -	t ɹ w a -

$y \rightarrow a$

Black.Primary	Black.Primary
n e y f o - -	n ε y f θ - -
n w a - ɹ - -	n w a - ɹ - -

$k^w \rightarrow p$

Water.Primary	Four.Primary
a - k ^w - a	k ^w - a t t w o r -
a - p - ə	p - a - t - - r u

$k^w \rightarrow y$

Water.Primary	Water.Primary
a - k ^w - a	a - k ^w - a
a - y w a	aj - y w ə

$e: \rightarrow ə$

Day.Primary	Day.Primary
d i e: s	d i e: s
d i ə -	d i ə -

$q \rightarrow u:$

Fruit.Primary	ToKill.Tutari
f ɹ q i - - -	t q - - e - -
f r u: - k t u s	t u: - t a: r i

$e: \rightarrow \tilde{ɛ}$

Full.Primary	Full.Primary
p l e: n u s	p l e: n u s
p l ə - - -	p l ə - - -

Appendix 2 - Prior Frequencies

e: → o

Louse.Primary					Louse.Primary					
p	-	e:	d	u	-	k	u	l	u	s
p	j	o	-	-	-	x	-	-	o	

e: → i:

ToSmell.Olere					Cold.Primary									
-	o	1	e:	r	e	f	r	-	e:	-	t	-	-	
n	u	1	i:	-	-	f	r	-	i:	g	i	d	u	s

e → k

ToRub.Primary					ToRub.Primary								
f	b	ɛj	e	-	-	-	f	b	ɛj	e	-	-	-
f	r	i	k	a:	r	e	f	r	e	k	a	-	-

k^j → j

Eye.Primary					Eye.Primary									
-	o	-	k ^j	-	-	-	-	o	-	k ^j	-	-	-	-
-	œ	-	j	-	-	-	-	u	-	j	-	-	-	-

dz → d

Leaf.Fronea					ToTurnIntransitive.Torquere										
f	r	o	n	dz	-	a	s	t	w	a	r	dz	i	-	-
f	r	o	n	d	e	a	-	t	-	ɔ	k	d	-	v	-

e → r

ToSuck.Sugere					ToSuck.Sugere								
s	u	-	dʒ	-	e	-	s	u	-	dʒ	-	e	-
s	u:	-	g	e	r	e	s	u	d	dʒ	e	r	e

e → m

Rope.Restis					Big.Majorem							
r	j	e	s	t	e	m	a	-	-	r	e	-
r	e	s	t	e	m	m	aj	j	o:	r	e	m

e → ə

Leaf.Primary					ToKnow.Cognoscere										
f	w	e	-	-	e	k	o	-	ŋ	e	s	-	e	β	-
f	-	ə	-	-	-	k	u	-	n	ə	ʃ	t	e	-	-

e → ɔ̃

Good.Primary					Good.Primary						
b	w	e	n	o	-	b	w	e	n	o	-
b	-	ɔ̃	-	-	-	b	-	ɔ̃	-	-	-

e → ə:

Narrow.Strictus					Narrow.Strictus									
e	s	t	r	-	e	-	-	ʃ	o	-				
-	s	t	r	-	ø:	-	-	-	-	-	-	-	-	-

k^w → θ

ToTurnIntransitive.Torquere					Five.Primary									
-	t	-	o	r	k ^w	e:	r	e	k ^w	i:	n	k ^w	-	e
-	t	-	o	r	θ	e	r	-	θ	i	n	k	-	o

i → v

ToHear.Primary					ToHear.Primary						
ɔj	-	i	-	-	-	ɔj	-	i	-	-	-
o	w	v	i	z	-	o	w	v	i	f	-

Appendix 2 - Prior Frequencies

$\theta \rightarrow k^w$

ToTurn	Intransitive.Torquere	Five.Primary
- t - o r	θ e r -	θ i n k - o
- t - o r	k^w e: r e	k^w i: n k^w - e

$z \rightarrow \int$

Ash.Cinisia	Ash.Cinisia
s ī - - z a ʃ e n u ʃ e	s ī - - z a ʃ e n u ʃ e

$v \rightarrow i$

ToHear.Primary	ToHear.Primary
o w v i ɪ - ɔj - i - - -	o w v i f - ɔj - i - - -

$v \rightarrow g$

Fog.Nebula	Fog.Nebula
n - ε - v w - a n - e - g u r ə	n - ε - v w - a n - e - g u r ə

$v \rightarrow dʒ$

Rain.Primary	Rain.Primary
ʃ - u - v - e p j ɔ d dʒ - a	ʃ - u - v - e p j ɔ d dʒ - a

$v \rightarrow ʒ$

Rain.Primary	Rain.Primary
ʃ - u - v - a p l u - ʒ - ə	ʃ - u - v - a p l u - ʒ - ə

$v \rightarrow z$

ToHear.Primary	ToHear.Primary
o w v i ɪ - au - z i - -	o w v i f - au - z i - -

$g \rightarrow a:$

ToBite.Morsicare	ToBite.Morsicare
m u - s ə g a - - m o r s e a: - - -	m u - s ə g a r - m o r s e a: - - -

$g \rightarrow v$

Fog.Nebula	Fog.Nebula
n - e - g u r ə n - ε - v w - e	n - e - g u r ə n - ε - v w - e

$a: \rightarrow \tilde{e}$

Mother.Primary	Mother.Primary
m a: t r e m m əj - - - -	m a: t r e m m əj - - - -

$a: \rightarrow \tilde{e}w$

Seed.Granum	Seed.Granum
g r a: n u m g r əw - - -	g r a: n u m g r əw - - -

$b \rightarrow u$

ToStand.Levare	ToStand.Levare
j e b a r - l - u a - -	ʌ ə b a - - l - u a - -

Appendix 2 - Prior Frequencies

b → t

Thin.Subtilis		Thin.Subtilis	
s	u	b	t i: l e m
s	o	t	t i: l e -

a → y

Black.Primary		Black.Primary	
n	w	a	- ɪ - -
n	e	y	r o - -

r → e

ToSuck.Sugere		ToSuck.Sugere	
s	u:	- g e r e	e
s	u	- dʒ - e	-

f → β

New.Primary		New.Primary	
n	- œ	f	- -
n	w	e	β o -

ʃ → z

Ash.Cinisia		Ash.Cinisia	
ʃ	e	n u	ʃ ə
s	ɪ	- -	z a

a → j

ToSuck.Primary		ToSuck.Primary	
ʃ	u	- ʃ a ɪ - -	
s	u	k k j a r e	

ʃ → j

Rain.Primary		Rain.Primary	
ʃ	- u	- v	- e
j	- u	- b j a	

z → v

ToHear.Primary		ToHear.Primary	
au	- z	i	- -
o w v	i	ɪ	-

z → t

Bird.Aucellus		Foot.Primary	
w a z	- o	- -	- -
- u t	ʃ ε	1 1 o	-

z → j

ToLieAsInABed.Jacere		ToLieAsInABed.Jacere	
z	ə	- ʃ	ea - -
j a	- k	e: r	e

z → w

ToPull.Trahore		ToPull.Trahore	
t r a z	e	- -	-
t r ε w	- r	ə	-

z → r

ToPull.Trahore		ToPull.Trahore	
t r a z	e	- -	-
t r a r	- r	e	-

Appendix 2 - Prior Frequencies

i: → e:

ToSmell.Olere	Cold.Primary
n u l i: - - - o l e: r e	f r - i: g i d u s f r - e: - - t -

a: → ε

ToSuck.Primary	ToKill.Adnecare
c u - c - a: - - ʃ u - ʃ a r - -	i n n - e - a: - a - n e g a r -

ʒ → v

Rain.Primary	Rain.Primary
p l u - ʒ - ə ʃ u - v - ə	p l u - ʒ - ə ʃ u - v - ə

λ → o

Eye.Primary	Eye.Primary
- o - - - λ u - - o - x - o - -	- o - - - λ u - - o - x - o - -

a → ē

ToWipe.Exsucare	ToWipe.Exsucare
a ſ ſ - u g - a r e ē - ſ - u g - a r -	a ſ ſ - u g - a r e ē - ſ - u y - a r -

dʒ → v

Rain.Primary	Rain.Primary
p j ɔ d dʒ - a ʃ u - v - ə	p j ɔ d dʒ - a ʃ u - v - ə

dʒ → w

Rain.Primary	ToPull.Trahore
p j ɔ d dʒ - a p l u - w i a	t r a dʒ e - - t r ε w - f ə

ʈ → d

ToTurnIntransitive.Torquere	ToTurnIntransitive.Torquere
- t - ɔ r ʈ e r e - t - ɔ ʐ d ʐ - ʐ -	- t - ɔ a r ʈ e - - - t - ɔ ʐ d ʐ - ʐ -

a → m

Rope.Restis	Rope.Restis
r - i s t a r e s t e m	r - ε s t a r e s t e m

λ → t

Back.Spatula	Back.Spatula
ə s p a λ - λ ə - s p a t u l a	ə s p a λ - λ ə - s p a t - - e

ŋ → m

Tongue.Primary	Tongue.Primary
l e ɳ g w a l i m b - ə	λ ε ɳ g w ə l i m b - ə

u: → ø

Moon.Primary	Fire.Focus
l u: n a l ø n -	f - u: k - - f - ø - - -

Appendix 2 - Prior Frequencies

$\tilde{\varepsilon} \rightarrow ij$

Dog.Primary	Dog.Primary
f j $\tilde{\varepsilon}$ - - -	f - $\tilde{\varepsilon}$ - - -
k - ij n e -	k - ij n e -

$\circ \rightarrow \circ j$

Leaf.Primary	We.Primary
f - \circ Λ Λ a	n \circ - \int
f - $\circ j$ - - -	n $\circ j$ - s

$e \rightarrow e:$

Day.Primary	Day.Primary
d i ε -	d i ε -
d i e: s	d i e: s

$e \rightarrow u$

Fruit.Primary	Fruit.Primary
f r u - - t ε -	f r u - - t ε -
f r u: - k t u s	f r u: - k t u s

$o j \rightarrow \circ a$

Night.Primary	Night.Primary
n - oj - t \dot{i} -	n - oj - t \dot{i} -
n - $\circ a$ p t e -	n - $\circ a$ p t e -

$\varepsilon j \rightarrow \varepsilon j$

Ear.Primary	Red.Vermiculus
\circ R εj - - - - -	v ε \circ m εj - - - - -
o f εj - - - Λ e	v i r m εj - - Λ u -

$\tilde{a} \rightarrow o$

How.Quomodo	How.Quomodo
k \circ m \tilde{a} - -	k \circ m \tilde{a} - -
k ^w o: m o d o	k o m o - -

$o j \rightarrow y$

Night.Primary	Night.Primary
n - oj - t \dot{i} -	n - oj - t \dot{i} -
n - y - t - -	n - y - t - -

$\emptyset: \rightarrow \varepsilon$

Narrow.Strictus	Narrow.Strictus
- s t r - $\emptyset:$ - - - -	- s t r - $\emptyset:$ - - - -
\emptyset s t r - ε - - t - -	- s t r - ε - - t - -

$\tilde{\varepsilon} \rightarrow \tilde{u}$

ToStab.Primary	ToStab.Primary
p w $\tilde{\varepsilon}$ - d - \circ -	p w $\tilde{\varepsilon}$ - d - \circ -
p - \tilde{u} - 3 i \circ -	p - \tilde{u} - 3 i \circ -

$\circ a \rightarrow e$

Leaf.Primary	ToKnow.Cognoscere
f - $\circ a$ - j e	k u - n $\circ a$ \int t e - -
f w e - - e	k o - n e s - e \circ -

$\tilde{w} \rightarrow i$

Hand.Primary	Hand.Primary
m \tilde{w} - - -	m \tilde{w} - - -
m i n \circ -	m i n \circ -

Appendix 2 - Prior Frequencies

$\emptyset \rightarrow a$

ToDrink.Primary	Three.Primary
b - ø - - - v -	t r - ø s
b w a - - - v -	t v w a -

$\varepsilon \rightarrow \emptyset$:

Narrow.Strictus	Narrow.Strictus
ə s t r - ɛ - - t - -	- s t r - ɛ - - t - -
- s t r - ø: - - - -	- s t r - ø: - - - -

$a \rightarrow \emptyset$

ToDrink.Primary	Three.Primary
b w a - - - v -	t v w a -
b - ø - - - v -	t r - ø s

$əa \rightarrow i$

Night.Primary	Night.Primary
n - əa p t e -	n - əa p t e -
n u i - - - -	n i - t - -

$\tilde{\varepsilon} \rightarrow o$

Far.Primary	Far.Primary
l w ɛ - t ɛ - -	l w ɛ - t ɛ - -
l - o n t a n o	l - o n t a n -

$\emptyset \rightarrow ej$

Old.Primary	Straight.Primary
v j ø - - - -	d - r - ø - -
v - ej - - - -	d i r - ej - t u -

$\tilde{o} \rightarrow e$

Good.Primary	Good.Primary
b - ø - - - -	b - ø - - - -
b w e n o -	b w e n o -

$\tilde{\varepsilon} \rightarrow e:$

Full.Primary	Full.Primary
p l ɛ - - - -	p l ɛ - - - -
p l e: n u s	p l e: n u s

$ej \rightarrow \emptyset$

Old.Primary	Straight.Primary
v - ej - - - -	d i r - ej - t u -
v j ø - - - -	d - r - ø - - -

$əj \rightarrow \emptyset$

Leaf.Primary	We.Primary
f - əj - - - -	n əj - s
f - ɔ Á Á a	n ɔ - ſ

$ə \rightarrow ej$

ToSmell.Fragrare	ToBurn.Cremare
f l ə j r a - -	k r ə m a - -
f - ej - r a f -	k - ej m a f e

$\tilde{w} \rightarrow a:$

Seed.Granum	Seed.Granum
g r əw - - -	g r əw - - -
g r a: n u m	g r a: n u m

Appendix 2 - Prior Frequencies

$\tilde{w} \rightarrow u$

Not.Primary	Not.Primary
n \tilde{w} -	n \tilde{w} -
n u -	n u -

$\emptyset \rightarrow u:$

Moon.Primary	Fire.Focus
l \emptyset n -	f - \emptyset - - -
l u: n a	f - u: k - -

$\circ \rightarrow i$

ToKnow.Cognoscere	ToKnow.Cognoscere
k i - n \circ h - - -	k o - n \circ s - i - -
k u - n i s - e r -	k u - n i s - e r -

$ij \rightarrow \tilde{\varepsilon}$

Dog.Primary	Dog.Primary
k - ij n e -	k - ij n e -
ʃ j $\tilde{\varepsilon}$ - - -	ʃ $\tilde{\varepsilon}$ - - -

$\circ j \rightarrow oj$

We.Primary	YouPlural.Primary
n \circ j - s	v \circ j s -
n oj - -	v oj - -

$\circ j \rightarrow au$

ToHear.Primary	ToHear.Primary
\circ j - i - - -	pj - i - - -
au - d i: r e	au - z i - -

$\tilde{w} \rightarrow o:$

Not.Primary	Not.Primary
n \tilde{w} -	n \tilde{w} -
n o: n	n o: n

$o j \rightarrow \circ j$

We.Primary	YouPlural.Primary
n oj - -	v oj - -
n \circ j - s	v \circ j s -

$\emptyset \rightarrow aj$

ToKill.Primary	Two.Duae
n - \emptyset g a - -	d o w \emptyset
n w aj - e - -	d u - aj

$y \rightarrow oj$

Night.Primary	Night.Primary
n - y - t - -	n - y - t - -
n - oj - t i -	n - oj - t i -

$\circ a \rightarrow oj$

Night.Primary	Night.Primary
n - \circ a p t e -	n - \circ a p t e -
n - oj - t i -	n - oj - t i -

Appendix 2 - Prior Frequencies

$\tilde{w} \rightarrow i$

Seed.Granum	
g r ̄w̄ - - -	g r ̄w̄ - - -
g r i n - -	g r i n - -

$\emptyset \rightarrow ej$

Straight.Primary		Three.Primary	
d - r - ø - - -	t r - ø s		
dʒ i f - ej - t u -	t r - ej -		

$vj \rightarrow \vartheta$

ToSmell.Fragrare		ToBurn.Cremare	
f - vj - f a f -	k - vj m a f e		
f l ə j f a - -	k r ə m a - -		

$\emptyset \rightarrow qa$

Tail.Primary		ToSew.Primary	
k ø - -	k ø - - z - - -		
c qa d ə	c qa - - s - e - -		

$\varepsilon \rightarrow o:$

ToKnow.Cognoscere		ToKnow.Cognoscere	
k o - n ɛ - t - β -	k u - n ɛ f - ə - -		
k o g n o: s k e r e	k o g n o: s k e r e		

$aj \rightarrow i$

Sky.Primary		Snow.Primary	
k - aj l u m	n - i v aj -		
s - i r - -	n - ɛ v i -		

$\tilde{u} \rightarrow \tilde{\varepsilon}$

ToStab.Primary		ToStab.Primary	
p - ū - ʒ i β -	p - ū - ʒ i f -		
p w ɛ - d - β -	p w ɛ - d - β -		

$m \rightarrow e$

Rope.Restis		Big.Majorem	
r e s t e m	m a j j o: r e m		
r j e s t e	m a - - - r e		

$\tilde{u} \rightarrow \tilde{o}$

One.Primary		One.Primary	
ū - - -	ū - - -		
ɔ - - -	ɔ - - -		

$m \rightarrow a$

Rope.Restis		Rope.Restis	
r e s t e m	r e s t e m		
r i s t a	r - ε s t a		

$i \rightarrow ɔ$

ToKnow.Cognoscere		ToKnow.Cognoscere	
k u - n i s - e f -	k u - n i s - e f -		
k i - n ɔ h - - -	k o - n ɔ s - i - -		

$o: \rightarrow \varepsilon$

ToKnow.Cognoscere		ToKnow.Cognoscere	
k o g n o: s k e r e	k u - n ɛ f - ə - -		
k o - n ɛ - t - β -	k u - n ɛ f - ə - -		

Appendix 2 - Prior Frequencies

$\tilde{\sigma} \rightarrow \tilde{u}$

One.Primary				One.Primary			
$\tilde{\sigma}$	-	-	-	$\tilde{\sigma}$	-	-	-
\tilde{u}	-	-	-	\tilde{u}	-	-	-

$i \rightarrow \tilde{e}\tilde{w}$

Hand.Primary				Hand.Primary			
m	i	n	ə	m	i	n	ə
m	$\tilde{e}\tilde{w}$	-	-	m	$\tilde{e}\tilde{w}$	-	-

$m \rightarrow \eta$

Tongue.Primary				Tongue.Primary			
l	i	m	b	-	ə	l	i
l	e	η	g	w	a	λ	ε

$qa \rightarrow \emptyset$

Tail.Primary				ToSew.Primary			
c	qa	d	ə	c	qa	-	s
k	\emptyset	-	-	k	\emptyset	-	z

$\emptyset: \rightarrow o$

Two.Duos				Two.Duos			
d	-	$\emptyset:$	s	d	-	$\emptyset:$	s
d	-	o	s	d	-	o	s

$\alpha e \rightarrow e:$

Woman.Primary				Star.Primary			
f	αe	-	m	-	-	-	-
f	e:	-	m	i	-	n	a

$n \rightarrow l$

Animal.Primary				Animal.Primary			
a	l	i	m	a	j	-	a
a	n	i	m	a:	l	i	a

$\emptyset: \rightarrow e$

Narrow.Strictus				Narrow.Strictus			
-	s	t	r	-	$\emptyset:$	-	-
e	s	t	r	-	e	-	$\emptyset:$

$o: \rightarrow \tilde{e}\tilde{w}$

Not.Primary				Not.Primary			
n	$\alpha o:$	n		n	$\alpha o:$	n	
n	$\tilde{e}\tilde{w}$	-		n	$\tilde{e}\tilde{w}$	-	

$ij \rightarrow \tilde{e}\tilde{w}$

Dog.Primary				Dog.Primary			
k	-	ij	n	e	-	k	-
k	-	$\tilde{e}\tilde{w}$	-	-	-	k	-

$\tilde{u} \rightarrow u:$

One.Primary				One.Primary			
\tilde{u}	-	-	-	\tilde{u}	-	-	-
u:	n	u	s	u:	n	u	s

Appendix 2 - Prior Frequencies

$\text{ej} \rightarrow \varepsilon j$

Ear.Primary					Red.Vermiculus				
o	r	ej	-	-	-	λ	a	-	-
ɔ	r	ɛj	-	-	-	-	-	-	-

$\tilde{i} \rightarrow u$

ToSwell.Primary					ToSwell.Primary				
ī	-	f	-	a	r	-	ī	-	f
u	m	f	l	a	-	-	u	m	f

$aj \rightarrow \varepsilon$

ToKill.Primary					Two.Duae				
n	w	aj	-	e	-	-	d	u	-
n	-	ə	g	a	-	-	d	o	w

$au \rightarrow \varepsilon j$

ToHear.Primary					ToHear.Primary				
au	-	d	i:	r	e	-	au	-	z
ɔj	-	i	-	-	-	-	ɔj	-	i

$n \rightarrow w$

Heart.Anima					Heart.Anima				
a	n	i	m	a	i	n	i	m	ə
a	w	-	m	a	a	w	-	m	a

$\tilde{e} \rightarrow a$

ToWipe.Exsucare					ToWipe.Exsucare				
ē	-	f	-	u	g	-	a	r	-
a	f	f	-	u	g	-	a	r	e

$n \rightarrow \tilde{\varepsilon}$

Road.Camminus					Road.Camminus				
c	a	m	i	n	-	-	-	-	-
ʃ	ə	-	m	ɛ	-	-	-	-	-

$\tilde{\varepsilon} \rightarrow n$

Road.Camminus					Road.Camminus				
ʃ	ə	-	m	ɛ	-	-	-	-	-
c	a	m	i	n	-	-	-	-	-

$v \rightarrow o$

Red.Primary					Red.Primary				
z	o	-	f	v	-	z	o	-	f
r	o	-	x	o	-	r	o	s	s

$\tilde{o} \rightarrow \tilde{v}$

Blood.Primary					Blood.Primary				
s	ɔ	-	g	-	-	-	s	ɔ	-
s	ɛ	-	g	-	i	-	s	ɛ	-

$iw \rightarrow \tilde{v}\tilde{w}$

Seed.Granum					Seed.Granum				
g	r	iw	-	-	-	g	r	iw	-
g	r	ɛw	-	-	-	g	r	ɛw	-

Appendix 2 - Prior Frequencies

$\tilde{w} \rightarrow i w$

Seed.Granum	
g r ̄w̄ - - -	g r ̄w̄ - - -
g r i w - - -	g r i w - - -

$\tilde{w} \rightarrow i j$

Dog.Primary	
k - ̄w̄ - - -	k - ̄w̄ - - -
k - i j n e -	k - i j n e -

$e j \rightarrow \emptyset$

Straight.Primary	Three.Primary
dʒ i r - ej - t u -	t r - ej -
d - r - ø - - -	t r - ø s

$a \rightarrow e:$

Three.Primary	Three.Primary
t ɪ w a -	t ɪ w a -
t r - e: s	t r - e: -

$\tilde{v} \rightarrow \tilde{o}$

Blood.Primary	Blood.Primary
s ̄v̄ - g - i - - -	s ̄v̄ - g - i - - -
s ̄ō - g - - - - -	s ̄ō - g - - - - -

$x \rightarrow k^j$

Eye.Primary	Knee.Genuculum	Old.Primary
- o - x - o - -	- i n o - x o - -	b j e x o - -
- o - k ^j - - -	dʒ e n u n k ^j - - -	v e k ^j - - -

$oe \rightarrow oa$

Thin.Primary	Thin.Primary	Thin.Primary
m œ n u - - - -	m œ n u - - - -	m œ n u - - - -
m ə n y - - - -	m ə n u - t -	m ə r u n t -

Leaf.Primary	Flower.Primary	Flower.Primary
f - œ j - -	f l œ z - -	f l œ r - -
f - oa - j e	f l oa r e -	f l oa r e -

$p \rightarrow dʒ$

Knee.Genuculum	Knee.Genuculum	Knee.Genuculum
p - - p ɔ - - - -	p - - p ɔ - - - -	p - - p ɔ - - - -
dʒ - i n ɔ k k - j o -	dʒ - e n o - - - -	dʒ - e n u n k ^j - - -

$a: \rightarrow \tilde{v}$

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r a: m e n	i n t e r a: n e a	m o n t a: - n e a
g r ̄ē m e -	i - t - r ̄ē n - e	m ō - t ̄ē - n - e

$ts \rightarrow k$

Husband.Socius	ToFreeze.Inglaciare	Cold.Recens
s o ts - - -	i n g - e ts - a - -	r e ts - i n t - -
s o k i u s	i n g l a k i a: r e	r e k - e n t e m

Appendix 2 - Prior Frequencies

$g \rightarrow p$

Water.Primary	Water.Primary	Water.Primary
a - g w e	a - g w e	a - g - e
a - p - e	a - p - e	a - p - e

$g \rightarrow t$

Lake.Primary	Lake.Primary	Lake.Primary
l a g o -	l a g o -	l a g u -
l a: t - -	l a: t - -	l a: t - -

$g \rightarrow r$

Black.Primary	Black.Primary	Black.Primary
n - i g r u m	n - i g r u m	n - i g r u m
n e - r o - -	n ø - r - -	n e - r i - -

$g \rightarrow a$

Black.Primary	Black.Primary	Black.Primary
n e g r u - -	n e g r u - -	n e g r u - -
n w a - v - -	n w a - v - -	n w a - v - -

$qa \rightarrow \oe$

Leaf.Primary	Flower.Primary	Flower.Primary
f - qa - j e	f l qa r e -	f l qa r e -
f - œ j - -	f l œ v - -	f l œ r - -

$g \rightarrow k^w$

Water.Primary	Water.Primary	Water.Primary
a - g w e	a - g w e	a - g - e
a - k^w - a	a - k^w - a	a - k^w - a

$\oe \rightarrow \varepsilon$

Woman.Primary	Star.Primary	Star.Primary
f œ - m - - - -	- s t - œ - 1 -	- s t - œ - 1 -
f ε - m i - n - e	ə s t - ε - 1 -	s t - ε - 1 e

$dʒ \rightarrow s$

ToWipe.Extergere	Red.Primary	Red.Primary
- - f t e r dʒ e - -	r ɔ dʒ - - -	r ɔ dʒ - - -
e - s t a r s i r -	r u s s u s	r o s s o -

$\oe \rightarrow a$

Woman.Primary	Liver.Primary	Star.Primary
f œ - m - - - -	f - œ - - t - -	- s t - œ - 1 -
f a - m - - - -	f w a - - - -	e - t w a - 1 -

$i \rightarrow \tilde{z}$

Blood.Primary	Round.Primary	Round.Primary
s i n dʒ - e - - -	ə i d ð - d u -	ə i ð ð - d u -
s ʒ - g - - - -	ə ʒ - - - -	ə ʒ - - - -

$i \rightarrow y$

ToTie.Primary	Black.Primary	Black.Primary
l ɔj i - - - -	n - i g r u m	n - i g r u m
k i y a - - - -	n e y r o - -	n ε y r ə - -

$\theta \rightarrow h$

ToKnow.Cognoscere	ToSwell.Crescere	Near.Vicinus
k o - n o θ - e r -	k r - e θ - e r -	b - e θ i n o -
k i - n o h - - - -	k r - ε h - - - -	v - ε h ɛ - - -

Appendix 2 - Prior Frequencies

$$\tilde{c} \rightarrow i$$

Blood.Primary				Round.Primary				Round.Primary			
s	ɔ̄	-	g	-	-	-	-	r	ɔ̄	-	-
s	i	n	dʒ	-	e	-	-	r	i	d	ð

i → i:

River.Rivus	ToLaugh.Primary	If.Primary
r i - w -	r i - d e - -	s i
r: i: w u s	r: i: - d e: r e	s i:

y → i

To Tie	Primary	Black	Primary	Black	Primary
A	i	Y	a	-	-
1	ɔj	i	-	-	-

$$\tilde{e} \rightarrow \tilde{i}$$

3 → f

Leg.Gamba	ToEat.Manducare	ToEat.Manducare
ȝ ā - b -	m ā - ȝ - - e - -	m ə n ȝ - - a - -
ȝ a m b e	m a n ȝ - - a: - -	m a n ȝ - - a: - -

i: → a

Liver.Primary	Cold.Primary	Near.Vicinus
f - i: k a: t u m	f r - i: g i d u s	w - i: k i: n u s
f w a - - - -	f g w a - - -	v w a z ε - - -

$\tilde{e} \rightarrow u$

ToWipe.Exsucare	ToWipe.Exsucare	ToSwell.Primary
ē - ſ - u g - a r -	ē - ſ - u y - a r -	ē - f l e - -
u - s - - k - a - -	u - s - - k - a - -	u m f l a - -

1

River.Rivus	ToLaugh.Primary	If.Primary
r i: w u s	r i: - d e: r e	s i:
r i - w -	r i - d e - -	s i

$$\tilde{a} \rightarrow a$$

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r ē m a -	i - t - s ē n - a	m ö - t ē - n e a
q r a: m e n	i n t e r a: n e a	m o n t a: - n e a

$\lambda \rightarrow d$

Back.Spatula	Back.Spatula	Back.Spatula
ə s p a ʌ - ʌ e	ə s p a l - d a i	ə y p a ʌ - w a i
e s p a 1 - d a i	i f p a ʌ - w a i	a p a ʌ - w a i

$$\lambda \rightarrow k$$

Old.Primary	v	-	e	j	-	-	λ	u	-	v	-	e	-	-	λ	-	-	
Old.Primary	v	-	ε	k	-	k	j	i	o	v	-	ε	k	-	k	j	i	o

$\lambda \rightarrow u$

Louse	Primary	Louse	Primary	Louse	Primary
p	-	i	-	o	-
p	-	e	-	d	u
				k	u
				l	u
				s	s

Appendix 2 - Prior Frequencies

y → o

Feather.Primary	Night.Primary	Night.Primary
p l y m -	n - y - t - -	n - y - t - -
p l o m ə	n - o c t e m	n - o t f e -

y → ε

River.Rivus	Fog.Nebula	Fog.Nebula
ꝝ y - - -	n j y - - -	n j y - - -
r ε - - -	n ε - v w - ε	n ε - v w - ε

i → s

Rope.Restis	YouPlural.Primary	Left.Primary
f - i s t a r e s t e m	v o i - v o j s -	s i n - i s t r u m s ε n ε s - - - - -

x → l

Woman.Mulier	Leaf.Primary	ToCut.Taliare
m u x - e r - - m u l i e r e m	- - o x - a f - o l i a	t a - x - a r - t a - l i a: r e

ã → u

ToSwell.Primary	How.Quomodo	How.Quomodo
ã - f l e - - u m f l a - -	k o m ã - - k o m u - -	k o m ã - - k o m u - -

ë → a

Grass.Gramen	Guts.Primary	Mountain.Montanea
g f ē m a - g a m a -	ī - t - ē ē - t - ē	m ö - t ē - m ö - t a -

ſ → dz

BarkOfATree.Scorteā	ToTurnIntransitive.Torquere	ToTurnIntransitive.Torquere
- s k w a r ſ - e - s k - o r d z - a	- t - ċ r ſ e r e s t w a r d z i - -	- t - q a r ſ e - - s t w a r d z i - -

ɔ → y

Feather.Primary	Night.Primary	Night.Primary
p l o m - p l y m -	n - o t t e - n - y - t - -	n - o t - - n - y - t - -

a → g

Black.Primary	Black.Primary	Black.Primary
n w a - ɣ - - n e g ɣ u - -	n w a - ɣ - - n e g ɣ u - -	n w a - ɣ - - n e g ɣ u - -

dʒ → n

Knee.Genuculum	Knee.Genuculum	Knee.Genuculum
dʒ - i n ɔ k k - j o j - p o - - - - -	dʒ - e n o - - - - j - p o - - - - -	dʒ - e n u n k j - - - - -

a → œ

Woman.Primary	Liver.Primary	Star.Primary
f a - m - - - - - f œ - m - - - - -	f w a - - - - - f œ - - t - - -	e - t w a - l - s t œ - l - -

y → ɔ

Feather.Primary	Night.Primary	Night.Primary
p l y m - p l o m -	n - y - t - - n - o t t e -	n - y - t - - n - o t - -

Appendix 2 - Prior Frequencies

$\ddot{\delta} \rightarrow \delta$

ToSplit.Primary	Smooth.Nitidus	Smooth.Nitidus
$\ddot{\delta}$ i v i $\ddot{\delta}$ i $\ddot{\delta}$ -	n ε $\ddot{\delta}$ u - - -	n ε $\ddot{\delta}$ u - - -
d i v i $\ddot{\delta}$ i r -	n i $\ddot{\delta}$ i o -	n i $\ddot{\delta}$ i o -

$\ddot{\delta} \rightarrow y$

Liver.Primary	Liver.Primary	Long.Largum
f - e $\ddot{\delta}$ ε - - -	f - e $\ddot{\delta}$ ε - - -	l a - $\ddot{\delta}$ - -
- - i y a $\ddot{\delta}$ o -	f - i y ε $\ddot{\delta}$ u -	l a r y o -

a → ø

ToKnow.Sapere	Cold.Primary	Straight.Primary
s a v w a ε -	f ε w a - - -	d - ε w a - - -
s a v - ø r -	f R - ø - - -	d - r - ø - - -

a → i:

Liver.Primary	Cold.Primary	Near.Vicinus
f w a - - - -	f ε w a - - -	v w a z ε - - -
f - i k a: t u m	f r - i g i d u s	w - i k i n u s

y → $\ddot{\delta}$

Liver.Primary	Liver.Primary	Long.Largum
- - i y a $\ddot{\delta}$ o -	f - i y ε $\ddot{\delta}$ u -	l a r y o -
f - e $\ddot{\delta}$ ε - - -	f - e $\ddot{\delta}$ ε - - -	l a - $\ddot{\delta}$ - -

ꝑa → au

Tail.Primary	Tail.Primary	Tail.Primary
c ꝑ a d ε	c ꝑ a d ε	c ꝑ a d ε
k au d a	k au d a	k au d a

d → λ

Back.Spatula	Back.Spatula	Back.Spatula
e s p a l - d a	i ſ p a d w - ε	i ſ p a d w - ε
ə s p a λ - λ ε	ə s p a λ - λ ε	ə s p a λ - λ ε

t → r

ToSqueeze.Appectorare	ToSqueeze.Appectorare	ToSqueeze.Appectorare
a p p e k t o r a: r e	a p p e k t o r a: r e	a p p e k t o r a: r e
a - p - - r e t a r -	ə - p i - r - t a r -	ə - p i - r - t a r -

u → ɔ

Red.Primary	Red.Primary	Red.Primary
r u s s u s	ø o - ſ u -	ø o - ſ u -
ø o - ſ ɔ -	ø o - ſ ɔ -	ø o - ſ ɔ -

r → t

ToSqueeze.Appectorare	ToSqueeze.Appectorare	ToSqueeze.Appectorare
a - p - - r e t a r -	ə - p i - ſ - t a r -	ə - p i - ſ - t a r -
a p p e k t o r a: r e	a p p e k t o r a: r e	a p p e k t o r a: r e

u → r

Black.Primary	Black.Primary	Black.Primary
n e g r u - -	n e g r u - -	n e g r u - -
n - i g r u m	n - i g r u m	n - i g r u m

w → o:

I.Primary	I.Primary	I.Primary
- e - w	- e - w	j e - w
- e g o:	- e g o:	- e g o:

Appendix 2 - Prior Frequencies

$\emptyset \rightarrow a$

ToKnow.Sapere	Cold.Primary	Straight.Primary
s a v - \emptyset r -	f r - \emptyset - - - -	d - r - \emptyset - - - -
s a v w a \emptyset -	f \emptyset w a - - - -	d \emptyset w a - - - -

$u \rightarrow \mathfrak{u}$

Black.Primary	Black.Primary	Black.Primary
n e g f u - -	n e g f u - -	n e g f u - -
n w a - \mathfrak{u} - -	n w a - \mathfrak{u} - -	n w a - \mathfrak{u} - -

$\varepsilon \rightarrow \mathfrak{e}j$

Ear.Primary	ToSee.Primary	Red.Vermiculus
u r ε - - - -	b - ε w - f \mathfrak{a}	b \mathfrak{a} r m ε - -
ɔ R \mathfrak{ej} - - - -	v - \mathfrak{ej} - - - -	v ε \mathfrak{u} m εj - - - -

$\mathfrak{ej} \rightarrow \varepsilon$

Ear.Primary	ToSee.Primary	Red.Vermiculus
ɔ r \mathfrak{ej} - - - -	v - \mathfrak{ej} - - - -	v ε \mathfrak{u} m εj - - - -
u r ε - - - -	b - ε w - f \mathfrak{a}	b \mathfrak{a} r m ε - -

$t \rightarrow g$

Lake.Primary	Lake.Primary	Lake.Primary
l a: t - -	l a: t - -	l a: t - -
l a g o -	l a g o -	l a g u -

$t \rightarrow \mathfrak{u}$

Round.Primary	Round.Primary	Round.Primary
t a r \mathfrak{u} n t - -	t a r \mathfrak{u} n t - -	t a r \mathfrak{u} n t - -
ɛ ɔ - - - -	ɛ e d ɔ - d u -	ɛ i d ɔ - d u -

$v \rightarrow j$

New.Novella	New.Novella	New.Novella
n u v ε - l -	n o v ε l l a	n ɔ v - - j a
n u j - - - a	n u j - - - a	n u j - - - a

$\mathfrak{a} \rightarrow \tilde{\imath}$

Guts.Primary	ToBurn.Incendere	ToBurn.Incendere
ə n t - r a n - ə	ə n s e n d - - r ə	ə n s e n d - - r ə
ɪ - t - r ɛ n - ə	ɪ - s e n dʒ i a r -	ɪ - s ē - d j a r -

$o \rightarrow aj$

Water.Primary	Sand.Sabulum	Sand.Sabulum
o - - - -	s o - - r ə -	s o - - r ə -
aj - y w ə	s aj β - r u -	s aj β - r u -

$u \rightarrow \mathring{a}$

Louse.Primary	Louse.Primary	Louse.Primary
p - e: d u - k u l u s	p - e: d u - k u l u s	p - e: d u - k u l u s
p - i - o - - ə u -	p - i - o - - ə u -	p - o - - - - ə u -

$o \rightarrow y$

Feather.Primary	Night.Primary	Night.Primary
p l o m ə	n - o c t e m	n - o - ꝑ e -
p l y m -	n - y - t - -	n - y - t - -

$s \rightarrow dʒ$

ToWipe.Extergere	Red.Primary	Red.Primary
e - s t a r s i r -	r u s s u s	r o s s o -
- - ſ t e r dʒ e - -	r ſ dʒ - - -	r ſ dʒ - - -

Appendix 2 - Prior Frequencies

$\varepsilon \rightarrow \infty$

Woman.Primary	Star.Primary	Star.Primary
f ε - m i - n - e	ə s t - ε - l -	- s t - ε - l e
f œ - m - - - - -	- s t - œ - l -	- s t - œ - l -

k^j → x

Eye.Primary	Knee.Genuculum	Old.Primary
- o - k ^j - - - - -	dʒ - e n u n k ^j - - - - -	v - e k ^j - - - - -
- o - x - o - - -	- - i n o - x o - - -	b j e x o - - - -

s → i

Rope.Restis	YouPlural.Primary	Left.Primary
r e s t e m	v ɔj s -	s ε n ε s - - - - -
f - i s t a	v o i -	s i n - i s t r u m

$\varepsilon \rightarrow y$

River.Rivus	Fog.Nebula	Fog.Nebula
r ε - - - -	n ε - v w - ε	n - ε - v w - ε
β y - - - -	n j y - - - l -	n j y - - - l -

ɛ̃ → ε

Mother.Primary	Mother.Primary	In.In
m ɛ̃ - β - - -	m ɛ̃ - β - - -	ɛ̃ -
m ε - β - - -	m ε - β - - -	ε n

$\varepsilon \rightarrow \tilde{e}$

Mother.Primary	Mother.Primary	In.In
m ε - β - - -	m ε - β - - -	ɛ n
m ɛ̃ - β - - -	m ɛ̃ - β - - -	ɛ̃ -

j → v

New.Novella	New.Novella	New.Novella
n u j - - - a	n u j - - - a	n u j - - - a
n u v ε - 1 -	n o v ε 1 a	n o v - - - j a

e → ɪ

ToSuck.Primary	ToSuck.Sugere	ToSpit.Primary
s y - s - e - -	s u - dʒ - e -	k o n s p u e r e
ʃ u - ſ a ɪ - -	s u - g a ɪ -	k u - s p i ɪ - -

ʊ → u

Red.Primary	Red.Primary	Red.Primary
ɪ o - ſ ʊ -	ɪ o - ſ ʊ -	ɪ o - ſ ʊ -
r u s s u s	ɪ o - ſ u -	ɪ o - ſ u -

o: → w

I.Primary	I.Primary	I.Primary
- e g o:	- e g o:	- e g o:
- e - w	- e - w	j e - w

k^w → g

Water.Primary	Water.Primary	Water.Primary
a - k ^w - a	a - k ^w - a	a - k ^w - a
a - g w a	a g w a	a - g - e

ø → o:

ToSew.Primary	Few.Primary	Two.Duos
k ø - z - - - -	p ø - - - -	d - ø -
k o: n - s u e r e	p o: k - - -	d u o: s

Appendix 2 - Prior Frequencies

1 → x

Woman.Mulier	Leaf.Primary	ToCut.Taliare
m u l i e r e m	f - o l i a	t a - l i a: r e
m u x - e r - -	- - o x - a	t a - x - a f -

i → ɔj

ToRub.Primary	ToTie.Primary	ToTie.Primary
f r i k a: r e	l i g a: r e	Δ i γ a - -
f r ɔj i - - -	l ɔj i - - -	l ɔj i - - -

ĩ → ē

Guts.Primary	ToSwell.Primary	ToSwell.Primary
ĩ - t - r ẽ p n - e	ĩ - ſ - a f -	ĩ - ſ - a f -
ẽ - t - r e p n - e	ẽ - f l e - -	ẽ - f l e - -

ꝑ → t

Round.Primary	Round.Primary	Round.Primary
ꝑ ɔ - - - - -	ꝑ e d ɔ - d u -	ꝑ i d ɔ - d u -
t a r ɔ n t - -	t a r ɔ n t - -	t a r ɔ n t - -

ĩ → ə

Guts.Primary	ToBurn.Incendere	ToBurn.Incendere
ĩ - t - r ẽ p n - e	ĩ - s e n ð i a r -	ĩ - s ẽ - d j a r -
ə n t - r a p n - e	ə n s e n d - - r ə	ə n s e n d - - r ə

o: → e

Egg.Primary	ToKnow.Cognoscere	How.Quomodo
- o: w u m	k o g n o: s k e r e	k ^w o: m o d o
w e b o -	k o - n e s - e ꝑ -	ſ e m u: t -

aj → o

Water.Primary	Sand.Sabulum	Sand.Sabulum
aj - y w ə	s aj β - ſ u -	s aj β - ſ u -
o - - - -	s o - - r ə -	s o - - r ə -

ꝑ → u

Black.Primary	Black.Primary	Black.Primary
n w a - ꝑ - -	n w a - ꝑ - -	n w a - ꝑ - -
n e g r u - -	n e g r u - -	n e g r u - -

ə → ẽ

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r a m a -	ẽ - t - ſ a ẽ - a	m õ - t a u - a
g r ẽ m a -	ĩ - t - ſ ẽ ĩ - a	m õ - t ẽ u - a

r → u

Black.Primary	Black.Primary	Black.Primary
n - i g r u m	n - i g r u m	n - i g r u m
n e g r u - -	n e g r u - -	n e g r u - -

ꝑ → e

ToSuck.Primary	ToSuck.Sugere	ToSpit.Primary
ſ u - ſ a ꝑ - -	s u - g a ꝑ -	k u - ſ p i ꝑ - -
s y - ſ e - -	s u - ð ſ e -	k o n ſ p u e r e

e → o:

Egg.Primary	ToKnow.Cognoscere	How.Quomodo
w e b o -	k o - n e s - e ꝑ -	ſ e m u: t -
- o: w u m	k o g n o: s k e r e	k ^w o: m o d o

Appendix 2 - Prior Frequencies

$h \rightarrow \theta$

ToKnow.Cognoscere	ToSwell.Crescere	Near.Vicinus
k i - n o h - - - -	k r - ε h - - - -	v - ε h ē - - - -
k o - n o θ - e r -	k r - e θ - e r -	b - e θ i n o -

ɔj → i

ToRub.Primary	ToTie.Primary	ToTie.Primary
f r ɔj i - - -	l ɔj i - - -	l ɔj i - - -
f r i k a: r e	l i g a: r e	λ i γ a - -

j → ʒ

Leg.Gamba	ToEat.Manducare	ToEat.Manducare
ʃ a m b e	m a n ʃ - a: - -	m a n ʃ - a: - -
ʒ ā - b -	m ā ʒ - e - -	m ā p ʒ - a - -

ð → dʒ

ToSplit.Primary	Smooth.Nitidus	Smooth.Nitidus
d i v i ð i r -	n i ð i - o -	n i ð i - o -
dʒ i v i dʒ i ʒ -	n ε dʒ u - - -	n ε dʒ u - - -

dz → tʃ

BarkOfATree.Scorteia	ToTurnIntransitive.Torquere	ToTurnIntransitive.Torquere
- s k - ɔ r dz - a	s t w a r dz i - -	s t w a r dz i - -
- s k w a r tʃ - e	- t - ɔ r tʃ e r e	- t - qa r tʃ e - -

p → g

Water.Primary	Water.Primary	Water.Primary
a - p - ə	a - p - ə	a - p - ə
a - g w ə	a - g w ə	a - g - e

au → ɔa

Tail.Primary	Tail.Primary	Tail.Primary
k au d a	k au d e	k au d e
c ɔa d ə	c ɔa d ə	c ɔa d ə

u → ã

ToSwell.Primary	How.Quomodo	How.Quomodo
u m f l a - -	k o m u - -	k o m u - -
ã - f l e - -	k o m ã - -	k o m ã - -

u → ē

ToWipe.Exsucare	ToWipe.Exsucare	ToSwell.Primary
u - s - - k - a - -	u - s - - k - a - -	u m f l a - -
ē - ſ - u g - a r -	ē - ſ - u y - a r -	ē - f l e - -

k → ts

Husband.Socius	ToFreeze.Inglaciare	Cold.Recens
s o k i u s	i n g l a k i a: r e	r e k - e n t e m
s o t s - - -	i n g - e t s - a	r e t s - i n t - -

ə → œ

Thin.Primary	Thin.Primary	Thin.Primary
m ə n y - - - -	m ə n u - t - -	m ə r u n t - -
m œ n u - - - -	m œ n u - - -	m œ n u - - -

o: → ø

ToSew.Primary	Few.Primary	Two.Duos
k o: n - s u e r e	p o: k - -	d u o: s
k ø - z - - - -	p ø - - -	d - ø -

Appendix 2 - Prior Frequencies

r → g

Black.Primary	Black.Primary	Black.Primary
n e - r o - -	n ø - r - - -	n e - r i - - -
n - i g r u m	n - i g r u m	n - i g r u m

k → λ

Old.Primary	Old.Primary	Old.Primary
v - ε k - k j o	v - ε k - k j o	v - ε k - k j o
v - ej - - λ u -	v - e - - λ u -	v - e - - λ - -

e → t

Rope.Restis	Rope.Restis	Rope.Restis	Rope.Restis
r e s t e m	r e s t e m	r e s t e m	r e s t e m
f - i s t a	r - e s t a	z - e f t i	r j e s t e

ẽj → o

Child.Ninnus	Child.Ninnus	Child.Ninnus	Child.Ninnus
n e n ẽj			
n i n o	n i n o	n i n o	n i n o

e → s

Rope.Restis	Rope.Restis	Left.Primary	Left.Primary
z - e f t i	r j e s t e	s i n j e s t r o -	s i n - e s t r i -
r e s t e m	r e s t e m	s ε p ε s - - - -	s ε n ε s - - - -

ū → ū

Some.Primary	Some.Primary	One.Primary	One.Primary
a w g ū - -	a ɿ g ū - -	ū - - -	ū - - -
o - k œ̃ - -	o - k œ̃ - -	œ̃ - - -	œ̃ - - -

ū → ɔ

ToStab.Primary	ToStab.Primary	Some.Primary	Some.Primary
p - ū - 3 i z -	p - ū - 3 i f -	a w g ū - -	a ɿ g ū - -
p - o n ð i - -	p - o n ð i - -	a l k ɔ n -	a l k ɔ n -

i → e:

Seed.Sementia	Hair.Primary	ToSplit.Separare	ToSwell.Crescere
s i m - ē - t i -	p - i l u -	s i p e r a r -	k r - i f s s e r -
s e: m - e n t i a	p - e: l - -	s e: p a r a: r e	k r - e: s k e r e

i → ɪ

Nose.Nares	Nose.Nares	Nose.Nares	Nose.Nares
n a r i θ -	n a r i ſ e	n a r i s -	n e r i ſ -
n a: r i s -			

i → d

Skin.Primary	ToHear.Primary	ToHear.Primary	ToHear.Primary
k - oj i - n - -	oj - i - - -	oj - i - - -	oj - i - - -
k - o d i - - e	au - d i: r e	u - d i: r e	u l d i: - -

ts → θ

Head.Primary	Belly.Pantex	ToStand.Altiare	Cold.Recens
k a v e t ts - a	p a n ts - - e -	a l ts a r e	r e ts - i n t - -
k a β e - θ - a	p a n θ - - a	a l θ a r	r e θ j e n t e -

h → ſ

Bird.Aucellus	Near.Vicinus	Near.Vicinus	Near.Vicinus
- u h - ε - - - -	v - ε h ſ - - -	v - ε h ſ - - -	v - ε h ſ - - -
- u ſ j ε - 1 - -	v - i ſ i n o -	v - i ſ i n - -	v - e ſ i n - -

Appendix 2 - Prior Frequencies

i → a

Heart.Anima	Heart.Anima	ToDrink.Primary	Heavy.Primary
i n i m ə	i n i m ə	b - i b e r e	g ə i j ε f - -
a - - m -	a - - m -	b w a - - ə -	g r a - - v - -

e → ə̃

Year.Primary	Year.Primary	Year.Primary	Year.Primary
a - n u -	a - n u -	a - n u -	a - n u -
ə̃ - - - -			

ɪ → i

ToSqueeze.Stringere	ToSqueeze.Stringere	ToBurn.Incendere	ToBurn.Incendere
ə̃ s t r ɪ - ʒ i r -	ə̃ s t r ɪ - ʒ i r -	ɪ - s e n dʒ i a r -	ɪ - s ē - d j a r -
- s t r i n ə̃ - -	- s t r i n ə̃ - -	i n ə̃ i n d ʒ e -	i n ə̃ i n d ʒ e - -

i → n

Road.Camminus	Road.Camminus	Road.Camminus	Road.Camminus
k a - m i n o -	k a m m i n o -	k e - m i n u -	k ə - m i - - -
c a m i n - - -	c a m i n - - -	c a m i n - - -	c a m i n - - -

ɔ → ʊ̄

ToStab.Primary	ToStab.Primary	Some.Primary	Some.Primary
p - ɔ n ə̃ i - -	p - ɔ n ə̃ i - -	a l k ɔ n -	a l k ɔ n -
p - ū - ɔ i ə̃ -	p - ū - ɔ i ə̃ -	a w g ū -	a ʌ g ū - -

j → ʌ

Hair.Capillus	Neck.Primary	ToStand.Levare	There.Primary
k a b e - j o -	k w e - j o -	j e b a r -	a - j a - -
k ə b ə - ʌ - -	k - ɔ - ʌ - -	ʌ ə b a - -	ə - ʌ a - -

e → ə̄

ToSuck.Primary	ToSuck.Sugere	ToSpit.Primary	Big.Majorem
s y - s - e - -	s u - ə̃ - e - -	k o n s p u e r e	m aj j o: r e m
ʃ u - ſ a r - -	s u - g a r - -	k u - ſ p i r -	m a - - - r e

ə → ej

ToSmell.Fragrare	ToThrow.Primary	ToThrow.Primary	ToBurn.Cremare
f l ə̃ j r a - -	ʒ ə̃ - t e - -	ʒ ə̃ - t e - -	k r ə̃ m a - -
ʃ - ej - r a ə̃ -	ʒ ej - t a r -	ʒ ej - t a r -	k - ej m a ə̃ e

ə̄ → ə̄

ToThrow.Lanceare	ToThrow.Lanceare	ToSing.Primary	ToSing.Primary
l ə̃ s - a - -	l ə̃ s - a - -	k ə̃ - t a r -	k ə̃ - t a r -
ʌ̃ n s - a - -	ʌ̃ n s - a - -	k ə̃ n t a - -	k ə̃ n t a - -

ə̄ → ə̄

ToThrow.Lanceare	ToThrow.Lanceare	ToSing.Primary	ToSing.Primary
ʌ̃ n s - a - -	ʌ̃ n s - a - -	k ə̃ n t a - -	k ə̃ n t a - -
l ə̃ s - a r -	l ə̃ s - a r -	k ə̃ - t a r -	k ə̃ - t a r -

ə̄ → ə̄

Round.Primary	Round.Primary	Round.Primary	Round.Primary
r ə̄ d o - - - -	r ə̄ d o - - - -	r ə̄ t u n d - -	r ə̄ t u n d - -
ʁ ɔ̄ - - - - -			

ə̄w̄ → ɔ̄

Not.Primary	Not.Primary	Not.Primary	Not.Primary
n ə̄w̄ -	n ə̄w̄ -	n ə̄w̄ -	n ə̄w̄ -
n ɔ̄ -	n ɔ̄ -	n ɔ̄ -	n ɔ̄ -

Appendix 2 - Prior Frequencies

e: → u

Louse.Primary	Louse.Primary	ToSmell.Olere	Thin.Delicatus
p - e: d u - k u l u s	p - e: d u - k u l u s	- o l e: r e	d e: l i k a: t u s
p - u - - - - - - - -	p j u - - - - - - - -	- u l u r a	d u - - 3 - - - -

œ̃ → ū

Some.Primary	Some.Primary	One.Primary	One.Primary
o - k œ̃ - -	o - k œ̃ - -	œ̃ - - -	œ̃ - - -
a w g ū - -	a l g ū - -	ū - - -	ū - - -

R → R̄

Ear.Primary	ToSqueeze.Serrere	ToFlow.Excurrere	Cold.Primary
ɔ R ej - - - - -	s ə - R a f -	i - ſ k u - R e f -	f R - Ø - - - - -
ɔ ɔ ej - - - - -	s e - R a - -	i - ſ k o - R e R -	f R w a - - - - -

ʃ → g

Leg.Gamba	Leg.Gamba	Leg.Gamba	Leg.Gamba
ʃ a m b e	ʃ a m b e	ʃ a m b e	ʃ a m b e
g a m b a	g a m b a	g a m b a	g a m b ə

e: → i

Seed.Sementia	Hair.Primary	ToSplit.Separare	ToSwell.Crescere
s e: m - e n t i a	p - e: l - -	s e: p a r a: r e	k r - e: s k e r e
s i m - ē - t i -	p - i l u -	s i p e r a r -	k r - i ſ s e r -

θ → ts

Head.Primary	Belly.Pantex	ToStand.Altiare	Cold.Recens
k a β e - θ - a	p a n θ - - a -	a l θ a r -	r e θ j e n t e -
k a v e t ts - a	p a n ts - - e -	a l ts a r e	r e ts - i n t - -

g → ʃ

Leg.Gamba	Leg.Gamba	Leg.Gamba	Leg.Gamba
g a m b a	g a m b a	g a m b a	g a m b ə
ʃ a m b e	ʃ a m b e	ʃ a m b e	ʃ a m b e

z → ʒ

ToLieAsInABed.Iacere	ToLieAsInABed.Iacere	ToLieAsInABed.Iacere	ToLieAsInABed.Iacere
z ə - ſ ea - -			
ʒ e - z i ʒ -	ʒ e - z e ʒ -	ʒ e - z e ʒ -	ʒ a w - - ʒ ə

s → u

Many.Primary	Many.Primary	Few.Primary	Few.Primary
m u l t u s	m u l t u s	p auk u s	p auk u s
m ū ŷ - t u	m ū ŷ - t u	p o w k u	p o w k u

u: → e

Egg.Primary	Fire.Focus	New.Primary	How.Quomodo
- u: f - -	f - u: k - -	n - u: f - -	ſ e m u: t -
w e b o -	f w e g o -	n w e β o -	k o m e - -

t → e

Rope.Restis	Rope.Restis	Rope.Restis	Rope.Restis
r - i s t a	r - ε s t a	ꝝ - e ſ t i	r j e s t e
r e s t e m	r e s t e m	r e s t e m	r e s t e m

ɛ → ɔa

BarkOfATree.Scorteia	Rain.Primary	ToKnow.Cognoscere	ToKnow.Cognoscere
- h - w ɛ - s - -	p l ɛ - f - -	k ɔ - n ɛ - t - ʒ -	k u - n ɛ ſ - ə - -
- s k - ɔa r t s - ə	p l ɔa - - j e	k u - n ɔa ſ t e - -	k u - n ɔa ſ t e - -

Appendix 2 - Prior Frequencies

$t \rightarrow o$

Many.Primary	Many.Primary	Many.Primary	Many.Primary
m ū j - t u	m ū j - t u	m ū j - t u	m ū j - t u
m u - t̪ o -	m o l t o -	m u - t̪ o -	m o l t o -

$t \rightarrow l$

Back.Spatula	Back.Spatula	Back.Spatula	Back.Spatula
- s p a t u l a	- s p a t u l a	- s p a t - e	- s p a t - e
e s p a l - d a	- s p a l - l a	e s p a l - d a	- s p a l - l a

$s \rightarrow e$

Rope.Restis	Rope.Restis	Left.Primary	Left.Primary
r e s t e m	r e s t e m	s ε n ε s - - - -	s ε n ε s - - - -
β - e f t i	r j e s t e	s i n j e s t r o -	s i n - e s t r i -

$\varepsilon \rightarrow j$

Skin.Pellis	Skin.Pellis	Skin.Pellis	Left.Primary
p ε - - - -	p ε - - - -	p ε - - - -	s ε n ε s - - - -
p j e - l -	p j ε - l -	p j e - l e -	s i n j e s t r o -

$u \rightarrow s$

Many.Primary	Many.Primary	Few.Primary	Few.Primary
m ū j - t u	m ū j - t u	p o w k u	p o w k u
m u l t u s	m u l t u s	p auk u s	p auk u s

$u \rightarrow l$

Louse.Primary	Louse.Primary	Louse.Primary	Eye.Primary
p - e: d u - k u l u s	p - i - o - - λ u - -	p - i - o - - λ u - -	- o - k u l u s
p - e d o: - l i -	p - e: d u - k u l u s	p - e: d u - k u l u s	v o - - l i -

$ɔj \rightarrow o:$

We.Primary	We.Primary	YouPlural.Primary	YouPlural.Primary
n ɔj - s	n ɔj - s	v ɔj s -	v ɔj s -
n o: - s	n o: - -	w o: - s	v o: - -

$k \rightarrow a:$

ToBite.Morsicare	ToBite.Morsicare	ToBite.Morsicare	ToBite.Morsicare
m o r s i k a: r e	m o - s - k a r -	m o r s i k a r e	m u r s e k a - -
m o r s e a: - - -	m o r s e a: - - -	m o r s e a: - - -	m o r s e a: - - -

$k \rightarrow o$

Few.Primary	Few.Primary	Few.Primary	Few.Primary
p o w k u	p o w k u	p o w k u	p o w k u
p o k o -	p o k o -	p o k o -	p o k o -

$aʊ \rightarrow ø$

Tail.Primary	Tail.Primary	Tail.Primary	Few.Primary
k aʊ d a	k aʊ d e	k aʊ d e	p auk u s
k ø - -	k ø - -	k ø - -	p ø - - -

$f \rightarrow e$

ToSuck.Primary	ToSuck.Sugere	ToSpit.Primary	Big.Majjorem
f u - f a r - -	s u - g a r -	k u - f p i r - -	m a - - - - r e
s y - s - e - -	s u - dʒ - e	k o n s p u e r e	m a j o: r e m

$i \rightarrow i$

Nose.Nares	Nose.Nares	Nose.Nares	Nose.Nares
n a: r i s -			
n a r i θ -	n a r i f e	n a r i s -	n a r i f -

Appendix 2 - Prior Frequencies

j → k

Eye.Primary	Eye.Primary	Eye.Primary	Eye.Primary
- œ - j - - - -	- œ - j - - - -	- u - j - - - -	- u - j - - - -
- o - k u l u s	- o k k - j o -	- o k u l u s	- o k k - j o -

j → w

ToSee.Primary	ToPlay.Jiocare	ToPlay.Jiocare	New.Novella
v j o d i - -	dʒ u j - a: - -	dʒ u j - a: - -	n u j - - - a
v w a - - ɔ -	ʒ - w - e - -	dʒ u w - e - -	n o w e 1 1 a

m → v

ToCount.Numerare	ToCount.Numerare	ToCount.Numerare	ToCount.Numerare
n u m - e r a: r e	n u m - e f a - -	n u m - e r a: - -	n u m - a r a - -
n o v - e r a r e	n o v - e r a r e	n o v - e r a r e	n o v - e r a r e

o → k

Few.Primary	Few.Primary	Few.Primary	Few.Primary
p o k o -	p o k o -	p o k o -	p o k o -
p o w k u	p o w k u	p o w k u	p o w k u

o → t

Many.Primary	Many.Primary	Many.Primary	Many.Primary
m u - ʃ o -	m u - ʃ o -	m o l t o -	m o l t o -
m ū ʃ - t u	m ū ʃ - t u	m ū ʃ - t u	m ū ʃ - t u

r → d

Round.Primary	Round.Primary	Round.Primary	Round.Primary
t a r ɔ n t - -	t a r ɔ n t - -	t a r ɔ n t - -	t a r ɔ n t - -
r e d o n d o -	ɹ e d ð o - d u -	ɹ i d ð o - d u -	ɹ e d o - - -

l → u

Louse.Primary	Louse.Primary	Louse.Primary	Eye.Primary
p - e: d u - k u l u s	p - e: d u - k u l u s	p - e d o: - - l i - -	v o - - l i - -
p - i - o - - - -	p - i - o - - - -	p - e d u - k u l u s	- o - k u l u s

n → d

ToStab.Primary	ToStab.Primary	ToStab.Primary	ToStab.Primary
p - u n g e r e	p - u n dʒ e r e	p - ɔ n dʒ i - -	p - u n dʒ e - -
p ſ - d - - - -	p ſ - d - - - -	p ſ - d - - - -	p ſ - d - - - -

l → t

Back.Spatula	Back.Spatula	Back.Spatula	Back.Spatula
e s p a l - d a	e s p a l - d a	- s p a l - l a	- s p a l - l a
- s p a t u l a	- s p a t - - e	- s p a t u l a	- s p a t - - e

l → ʃ

Tree.Primary	Tree.Primary	Tree.Primary	Tree.Primary
a r β o l - -	a l b e r o -	a l b e r o -	a r b u l - -
a z b - ʃ - -	a z b - ʃ - -	a z v o r i -	a z b - ʃ - -

o → ẽ

Child.Ninnus	Child.Ninnus	Child.Ninnus	Child.Ninnus
n i p o	n i p o	n i n o	n i n o
n e n ẽ	n e n ẽ	n e n ẽ	n e n ẽ

w → j

ToSee.Primary	ToPlay.Jiocare	ToPlay.Jiocare	New.Novella
v w a - - ɔ -	ʒ - w - e - -	dʒ u w - e - -	n o w e 1 1 a
v j o d i - -	ʒ u j - a: - -	dʒ u j - a: - -	n u j - - - a

Appendix 2 - Prior Frequencies

n → i

Road.Camminus	Road.Camminus	Road.Camminus	Road.Camminus
c a m i n - - -	c a m i n - - -	c a m i n - - -	c a m i n - - -
k a - m i n o -	k a m m i n o -	k e - m i n u -	k ø - m i -

o: → œj

We.Primary	We.Primary	YouPlural.Primary	YouPlural.Primary
n o: - s	n o: - -	w o: - s	v o: - -
n œj - s	n œj - s	v œj s -	v œj s -

iw → a

Seed.Granum	Seed.Granum	Seed.Granum	Seed.Granum
g r iw - - -			
g r a n o -	g r a n o -	g r a - - -	g r a n - - -

j → ε

Skin.Pellis	Skin.Pellis	Skin.Pellis	Left.Primary
p j e - l - -	p j ε - l - -	p j e - l e -	s i n j e s t r o -
p ε - - - - -	p ε - - - - -	p ε - - - - -	s ε n ε s - - - - -

u: → œ

Egg.Primary	Heart.Primary	Fire.Focus	New.Primary
- u: f - -	k - u: r -	f - u: k - -	p - u: f - -
- œ f - -	k - œ ε -	f - œ - - -	n - œ f - - -

k → j

Eye.Primary	Eye.Primary	Eye.Primary	Eye.Primary
- o - k u l u s	- o - k u l u s	- œ k k - j o -	- œ k k - j o -
- œ - j - - - -	- u - j - - - -	- œ - j - - - -	- u - j - - - -

ɔ → œ

Round.Primary	Round.Primary	Round.Primary	Round.Primary
ø ð - - - - -	ø ð - - - - -	r ð - - - - -	r ð - - - - -
r ø d o - - - -	r ø t u n d - -	r ø d o - - - -	r ø t u n d - -

d → i

Skin.Primary	ToHear.Primary	ToHear.Primary	ToHear.Primary
k - o d i - - e	aø - d i: r e	u - d i r e	u l d i: - -
k - œ i - n - -	œj - i - - -	œj - i - - -	œj - i - - -

u → e:

Louse.Primary	Louse.Primary	ToSmell.Olere	Thin.Delicatus
p - u - - - - -	p j u - - - - -	- u l u r a	d u - - 3 - - -
p - e: d u - k u l u s	p - e: d u - k u l u s	- o l e: r e	d e: l i k a: t u s

ej → œ

ToSmell.Fragrare	ToThrow.Primary	ToThrow.Primary	ToBurn.Cremare
f l œj r a - -	3 ej - t a f -	3 ej - t a f -	k - ej m a ø e
3 œ - t e - -	3 œ - t e - -	3 œ - t e - -	k r ø m a - -

a → iw

Seed.Granum	Seed.Granum	Seed.Granum	Seed.Granum
g r a n o -	g r a n o -	g r a - - -	g r a n - - -
g r iw - - -			

ɛf → h

Bird.Aucellus	Near.Vicinus	Near.Vicinus	Near.Vicinus
- u ɛf j ε - l - -	v - i ɛ i n o -	v - i ɛ i n - -	v - e ɛ ɛ i n - -
- u h - ε - - - -	v - ε h ɛ - - -	v - ε h ɛ - - -	v - ε h ɛ - - -

Appendix 2 - Prior Frequencies

$\tilde{a} \rightarrow a$

Year.Primary	Year.Primary	Year.Primary	Year.Primary
\tilde{a} - - - -			
a - n u -	a - n u -	a - n u -	a - n u -

a → qa

Woman.Domina	Woman.Domina	BarkOfATree.Scorteia	ToTurnIntransitive.Torquere
d a m - - -	d a m - - -	- s k w a r f - e	s t w a r d z i - -
d q a m - n ə	d q a m - n ə	- s k - q a r t s - ə	- t - q a r t f e - -

$\tilde{d}_3 \rightarrow \kappa$

ToFlow.Excurrere	ToFlow.Currere	ToFlow.Currere	ToFlow.Currere
- - s k u r d_3 e - -	k u r d_3 e - -	k u r d_3 e - -	k u r d_3 e - -
i - ſ k o - ㅂ e ㅂ -	k u - ㅂ i ㅂ -	k o - ㅂ e ㅂ -	k u - ㅂ e ㅂ -

$\emptyset: \rightarrow oj$

Two.Duos	Two.Duos	Two.Duos	Two.Duos
d - ə: s			
d - oj s	d - oj ſ	d - oj -	d - oj -

$\tilde{d}_3 \rightarrow z$

ToLieAsInABed.Iacere	ToLieAsInABed.Iacere	ToPull.Trahere	ToPull.Trahere
d_3 a - ֆ e r e	d_3 i - - - r -	t r a d_3 e - -	t r a d_3 e - -
z ə - ֆ ea - -	z ə - ֆ ea - -	t r a z e - -	t r a z e - -

$\Lambda \rightarrow j$

Hair.Capillus	Neck.Primary	ToStand.Levare	There.Primary
k ə b ε - ʌ - -	k - ɔ - ʌ - -	ʌ ə b a - -	ə - ʌ a - -
k a b e - յ o -	k w e - յ o -	յ e b a r -	a - յ a - -

ʒ → ɲ

Knee.Genuculum	Knee.Genuculum	Knee.Genuculum	Knee.Genuculum
ʒ - ə n u - - - -	ʒ u e - - - -	ʒ w e - - - -	ʒ - ə n o - - - -
j - ɲ o - - - -	j ɔ - - - -	j ɔ - - - -	j ɔ - - - -

ʒ → z

ToLieAsInABed.Iacere	ToLieAsInABed.Iacere	ToLieAsInABed.Iacere	ToLieAsInABed.Iacere
ʒ e - z i ㅂ -	ʒ a - z e ㅂ -	ʒ ə - z e ㄹ -	ʒ a w - ㄹ ə
z ə - ֆ ea - -			

$\tilde{o} \rightarrow \tilde{e}\tilde{w}$

Not.Primary	Not.Primary	Not.Primary	Not.Primary
n ɔ -	n ɔ -	n ɔ -	n ɔ -
n əw̃ -	n əw̃ -	n əw̃ -	n əw̃ -

i → ի

ToSqueeze.Stringere	ToSqueeze.Stringere	ToBurn.Incendere	ToBurn.Incendere
- s t r i n d_3 e - -	- s t r i n d_3 e - -	i n ֆ i n d զ e - -	i n ֆ i n d զ e - -
ə ſ t r ի - զ i r -	ə ſ t r ի - զ i r -	ի - s e n d_3 i a r -	ի - s ե - d j a r -

z → dʒ

ToLieAsInABed.Iacere	ToLieAsInABed.Iacere	ToPull.Trahere	ToPull.Trahere
z ə - ֆ ea - -	z ə - ֆ ea - -	t r a z e - -	t r e z e ㄹ -
dʒ a - ֆ e r e	dʒ i - - - r -	t r a d_3 e - -	t r a d_3 e - -

a → i

Heart.Anima	Heart.Anima	ToDrink.Primary	Heavy.Primary
a - - m -	a - - m -	b w a - - ㅂ -	g r a - - v - -
i n i m ə	i n i m ə	b - i b e r e	g ㅂ i j ə f - -

Appendix 2 - Prior Frequencies

$\text{œ} \rightarrow \text{u}$:

Egg.Primary	Heart.Primary	Fire.Focus	New.Primary
- œ f - -	k - œ ㅂ -	f - œ - - -	n - œ f - -
- u: f - -	k u: r -	f u: k -	n u: f - -

$b \rightarrow d$

ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare
a m b i t a: r e a n d - - a r -	a m b i t a: r e a n d - - a r e	a m b i t a: r e ě - d - - a ㅂ -	a m b i t a: r e ě - d - - a r -

$j \rightarrow ㅈ$

Knee.Genuculum	Knee.Genuculum	Knee.Genuculum	Knee.Genuculum
j - - j ۞ - - - - - j - - j ۞ - - - - -	j - - j ۞ - - - - - j u e - - - - - ㅋ u -	j - - j ۞ - - - - - j w e - - - - - ㅋ u -	j - - j ۞ - - - - - j - - j ۞ - - - - -

$d \rightarrow r$

Round.Primary	Round.Primary	Round.Primary	Round.Primary
r e d o n d o - t a r ۞ n t - -	ㅂ e d ۞ - d u - t a r ۞ n t - -	ㅂ i d ۞ - d u - t a r ۞ n t - -	r ۞ d o - - - - t a r ۞ n t - -

$d \rightarrow g$

ToStab.Primary	ToSqueeze.Stringere	ToSqueeze.Stringere	Cold.Primary
p w ۞ - d - ㅂ - p - u n g e r e	e - t ㅂ ۞ - d - ㅂ - - s t r i n g e r e	- s t r ۞ n d - - - - s t r i n g e r e	f r - e d - d o - f r - i: g i d u s

$d \rightarrow b$

ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare
a n d - - a r - a m b i t a: r e	a n d - - a r e a m b i t a: r e	ě - d - - a ㅂ - a m b i t a: r e	ě - d - - a r - a m b i t a: r e

$oj \rightarrow \emptyset$:

Two.Duos	Two.Duos	Two.Duos	Two.Duos
d - oj s d - ø: s	d - oj f d - ø: s	d - oj - d - ø: s	d - oj - d - ø: s

$oj \rightarrow \emptyset$

Two.Duos	Two.Duos	Two.Duos	Two.Duos
d - oj s d - ø -	d - oj f d - ø -	d - oj - d - ø -	d - oj - d - ø -

$a: \rightarrow k$

ToBite.Morsicare	ToBite.Morsicare	ToBite.Morsicare	ToBite.Morsicare
m o r s e a: - - - m o r s i k a: r e	m o r s e a: - - - m o - s - k a r -	m o r s e a: - - - m o r s i k a r e	m o r s e a: - - - m u r s e k a - -

$\emptyset \rightarrow oj$

Two.Duos	Two.Duos	Two.Duos	Two.Duos
d - ø - d - oj s	d - ø - d - oj f	d - ø - d - oj -	d - ø - d - oj -

$\emptyset \rightarrow au$

Tail.Primary	Tail.Primary	Tail.Primary	Few.Primary
k ø - - k a u d a	k ø - - k a u d a	k ø - - k a u d a	p ø - - - p a u k u s

$v \rightarrow 1$

Tree.Primary	Tree.Primary	Tree.Primary	Tree.Primary
a ㅂ b - ㅂ - - a r β o l - -	a ㅂ b - ㅂ - - a l b e r o -	a ㅂ b - ㅂ - - a r b u l - -	a ㅂ v o r i - a l b e r o -

Appendix 2 - Prior Frequencies

v → ðʒ

ToFlow.Excurrere	ToFlow.Currere	ToFlow.Currere	ToFlow.Currere
i - f k o - v e v - - s k u r ðʒ e - -	k u - v i v - k u r ðʒ e - -	k o - v e v - k u r ðʒ e - -	k u - v e f - k u r ðʒ e - -

v → R

Ear.Primary	ToSqueeze.Serrere	ToFlow.Excurrere	Cold.Primary
ɔ v ej - - - - - - ɔ R ej - - - - - -	s e - v a - - s ə - R a f - -	i - f k o - v e v - i - f k u - R e f -	f v w a - - - - - - f R - ø - - - - - -

v → m

ToCount.Numerare	ToCount.Numerare	ToCount.Numerare	ToCount.Numerare
n o v - e r a r a r e n u m - e r a: r e	n o v - e r a r a r e n u m - e r a - -	n o v - e r a r a r e n u m - e r a: - -	n o v - e r a r a r e n u m - a r a - -

øa → ε

BarkOfATree.Scorteia	Rain.Primary	ToKnow.Cognoscere	ToKnow.Cognoscere
- s k - øa r ts - ə - h - w ε - s - -	p l øa - - j e p l ε - f - -	k u - n øa ſ t e - - k ɔ - n ε - t - v -	k u - n øa ſ t e - - k u - n ε ſ - ə - -

øa → a

Woman.Domina	Woman.Domina	BarkOfATree.Scorteia	ToTurnIntransitive.Torquere
d øa m - n ə d a m - - -	d øa m - n ə d a m - - -	- s k - øa r ts - ə - s k w a r ſ - e	- t - øa r ſ e - - s t w a r dz i - -

g → d

ToStab.Primary	ToSqueeze.Stringere	ToSqueeze.Stringere	Cold.Primary
p - u n g e r e p w ɛ - d - ə	- s t r i n g e r e e - t ɛ - d - ə	- s t r i n g e r e s t r ɛ n d - - -	f r - i g i d u s f r - e d - d o -

d → n

ToStab.Primary	ToStab.Primary	ToStab.Primary	ToStab.Primary
p ɔ - d - - - - -	p ɔ - d - - - - -	p ɔ - d - - - - -	p ɔ - d - - - - -
p - u n g e r e p - u n dʒ e r e	p - u n dʒ e r e	p - ɔ n dʒ i - -	p - u n dʒ e - -

e → u:

Egg.Primary	Fire.Focus	New.Primary	How.Quomodo
w e b o - - u: f - -	f w e g o - f - u: k - -	n w e β o - n - u: f - -	k o m e - - ʃ e m u: t -

Appendix 3 - Symbols

Ψ	Phylogeny
	The (possibly unknown) relationship between entities resulting from an evolutionary tree
τ	Tree topology
	Information on the relationships of the languages
μ	Substitution rate
	the rate at which the language changes
N	Sampled languages
	The number of languages in a sample
v	Expected events
	The expected number of evolutionary events that occurred between two languages
t	Past times
	Times of branch events
\mathbf{A}	Segmental alignment
	Constructed by combining the word segment information for the languages of interest with information on the homology of the segments
\mathbf{S}	Segmental information
	Information on the homology of the segments
\mathbf{s}	Segment
	Linguistic segment
s_i	ith segment
\mathbf{H}	Homology map
	The map describing the alignment of the segments
\mathbf{Q}	Rate Matrix
β	Rate matrix scaling factor
	Scales the rate matrix such that the average rate of segmental substitution is one
\mathbf{P}	Probability
	The probability the process ends in certain state
P	Marginal Likelihood
	The probability of an event occurring
π	Equilibrium distribution
λ	Rate of segment insertion
μ	Rate of segment deletion
n	Word length
	Number of segments in a word
r	Rate parameter
θ	Rate parameters
	Parameters associated with the rate matrix

θ'	Proposal New value proposal
q	Proposal probability Probability of new proposal
u	Random number
R	Acceptance probability Probability of accepting a proposed value
\mathcal{M}	Model Mathematical model for linguistic parameters
BF	Bayes Factor A numerical factor related to the quality of the model fit
X	Unknown
\mathcal{B}	Possible rooted trees
$\mathcal{B}(N)$	Possible rooted trees as a function of the number of languages
f	Function
e	Root of the natural log or Euler number

Appendix 4 - Words containing each segment

ă̄j	0250, 0303, 006A, 0303 mēj mēj nuvēj keližēj kēj nēj ēj	42
ĕw̄	0250, 0303, 0077, 0303 kēw̄ kēw̄ grēw̄ grēw̄ mēw̄ mēw̄ nēw̄ nēw̄	54
aū	0061, 0075, 032F aükellus kauđda kauđđa kauđđa aürikula aüđi:re aüzi paükus	52
eā	0065, 032F, 0061 tseastə stęa ſęafə nea geatsə bęa vedęa zəfęa sedęa kędęa	74
oā	006F, 032F, 0061 doamnə foaje skoartsə floare coadə sqare ploaje noapte kunoaſte tqartſe coase aproape	25
ĕj̄	1EBD, 006A, 0303 nenēj nenēj nuvēj kalizēj kēj nēj ēj	32
aj̄	0061, 006A paj paj ajyw̄a sajβru sajβru kajkia kajlum nivaj nwaje traj majjo:rem duaj	43
a:	0061, 02D0 ma:trem anima:lia nema:l vja:r pa:l gra:num ra:di:kem ca:r na:sus na:ris a:la intera:nea fi:ka:tum fi:a:ri:p:a:ria lat ma:r sa:l ka:li:ginem tene:bra:s fu:ma:tä stra:ta monta:nea diurna:ta manduka:re manja: morsika:re morsea: cuca: sputa:re spuda: suffla:re sofla: respira:re respira: ko:gita:re pensa: fragra:re trima: neka:re nea: innea: tu:fa:ri tuda: makta:re ma:fa: pugna:re kaptia:re ca:fa: pulsare puls: seka:re sea: kurta:re ekskurta:re skurta: talia:re taja: se:parare r:adere rada: rasa: kawa:re ja:va: ekskawa:re sjava: nata:re nada: naviga:re naviga: wola:re zvola: camina: ambita:re sedenta:re senta: sta:re sta: leva:re leva: alfa: torna:re torna: gyra:re džira: da: dona:re dona: sjera:appektora:re frika:re frea: friktare lawa:re lava: eksuka:re suja: limpidare tira:re tira: jakta:re lanke:a:re lanđfa: ligare lea: apta:re komputa:re konta: numerare numera: kanta:re canta: joka:re đžuja: flu:kta:re ko:la:re kola: gelare đžela: glađfa: inglakia:re infla:re enfla: konfla:re zglonfa: krema:re flamma:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k	41
ej̄	0065, 006A pejji ckej seju pejtu sejsu arejej sejraż sej zejtar zejtar kejmaże istrejtu džirejtu trej	45
e:	0065, 02D0 fe:mina be:stia pe:dukulus se:men se:mentia pe:l ore:le st:ella hare:na nu:be:s tene:bra:s ne:f die:s morde:re ri:de:re wide:re save: ole:re time:re se:para:re jake:re sede:re torkʷ:e:re tene:re intume:skere kre:skere ardere de:lika:tus fre:t ple:lus di:re:ktus tre:s 'tre:	1
ī:	0069, 02D0 mu:i: mari:tus mari:t ra:di:kem radri:s ra:di:k:na pi:t fi:ka:tum ri:wus ri:p:a:ria rivi:r ka:li:ginem ſi:l kammi:nus respi:ra:re ri:de:re audi:re uldi: skire sentire sinti: nuli: dormire durmi: wi:were muri: okki:dere di:widere parti:re parti: weni:re vijii: strendži: di:kere di: skori: subti:lem suti:l fri:gidus di:re:ktus wi:k:nius kʷi:nkʷe ekkumhi:k ibi: si:k si:	20
ž̄	006A, 0303 mǖjtu mǖjtu	85
k̄j	006B, 02B2 ok̄j dženunk̄j vek̄j	77
kʷ	006B, 02B7 akʷa torkʷ:e:re kʷ:attwor kʷ:i:nkʷe kʷ:is kʷ:em kʷ:id kʷ:ando: kʷ:omodo kʷ:od	82

Appendix 4 - Words containing each segment

o̯j	006F, 006A	70
kojin voj nojti nojti noj voj rojb dojs dojſ doj doj		
o:	006F, 02D0	38
spo:s pedo:li flor:em flor o:wum so:lem so:likulus sabulo:nem no:men no:me no:minem ego: no:s no: wo:s vo: kogno:skere ko:gita:re ko:nsuere ekspo:nere ko:la:re to:tus po:k majo:rem duo:s kʷando: kʷo:modo no:n		
u:	0075, 02D0	61
fru:ktus fu:nem uf kornu: plu:ma kur: lu:na flu:men nu:be:s nu:bilus nu:l fu:ma:ta gelu: fu:mus fu:k tu: su:gere tu:ta:ri eksu:ka:re lu:dere flu:ktua:re minu:tus minu:t pu:faku:tu:s u:midus u:dus u:nus tʃemu:t		
ø:	00F8, 02D0	87
strø: dø:s		
œ̚	0153, 0303	86
okœ̚ œ̚		
ja	0250, 006A	46
pa:jfi orajyav saju sajtu sajtu atraje sajtar kejmare iſtrejtu ſeju ſeju vejyū direjtu virmejyū		
ã	0250, 0303	29
ifetʃi ifeti grẽmə sēgi sēgi pēsa pēsa iſtēne mōtēne ēdaš ēdar lēsa lēsar kētar kētar tētu tētu grēdʒi grēdi īſu īſu kwēdu kwēdu		
ā	0251, 0303	27
āfā efā sekpā səmās sā dā zāb džāp vātā pās pās ātšaj vā sādš ā ā lāg māze pāse sātš fādš etādš lāse lāsi ſāte tʃāte āfle grā ūpl ūp kā kōmā ā dā		
ɔ̯j	0254, 006A	66
føj nojs vɔjs oji frojji lɔji		
ɔ̯	0254, 0303	48
pwasɔ̯ sɔ̯g ɔ̯gl ɔ̯g savjɔ̯ mɔ̯ mɔ̯taj mɔ̯taj nɔ̯ nɔ̯ pɔ̯d tɔ̯be kɔ̯te nɔ̯bxe gɔ̯fle lɔ̯ lɔ̯ bɔ̯ bɔ̯ rɔ̯ ɔ̯ nɔ̯ nɔ̯		
ɛj	025B, 006A	76
ɔ̯rej sɔ̯lej vej frɛje vɛkmej		
ɛ̚	025B, 0303	53
ʃjɛ̚ tʃɛ̚ gɛ̚ dɛ̚ mɛ̚ vɛ̚ sɛ̚ ſəmɛ̚ tʃimɛ̚ lɛ̚ pɛ̚ ſəti kɛ̚dš fɛ̚ pwɛ̚dš epɛ̚dš etɛ̚dš strɛ̚nd plɛ̚ plɛ̚ vwazɛ̚ vɛhɛ̚ lwɛ̚tɛ̚ ſɛ̚k ſɛ̚k		
gʷ	0261, 02B7	71
sangʷinem lingʷa		
ij	0268, 006A	56
kijne		
ɿw	0268, 0077	65
griw		

Appendix 4 - Words containing each segment

a 0061

5

fe:mina fam embra femmina fembra domina dam doja donna dam infantem infante fante sponsa sposa ispoza mari:tus maži mariðo marito maridu marit mari:t maðre madre marø mari patrem paðre padre parø pari tata tata tata tata tate tatø anima:lia omaj alimaja nømajø be:stia biſſa pwassø awem abe avi aw wazo passerem paxaro passero paseru paseru pasare kanem kan kane ka can sarpint farpe arborem aðbø alþol albero aivori arvuri abrø arbul arbore silwa selva sewva selva palo palo paw paw pal par segmentia grano grano gra gran folia oxa foðla frondea frondza raið røais radris ra:di:kina ƿasin kortikea korteða skortea skordza skwarfje herba jerba ȳrba grama gram grame rista resta kwan kotenna karnem karne kaøni karni karn karne sang"inem sangre sangwe saj sank adipem adipe grasa graſe graſe gras kornua kwar kauða kola koda kua pluma pluma pjuma penna peja penna panø pwal kapillus kabejo kapello kabelu cavel kapitia kaþtha kavetta kabese kap cavef kap capitum testa testa aqrikula orexa orekkja naso naso nas narið naris bukka boka gula gola ungula una ungja gamba gamba gamba kambø jambe gambø perna pjerna manum mano man aña aña a ale ale pantikem pantha pantja pajø pantse intera:nea entrapa ȳntrapa spatula espalda spalla ifpadwe ifpadwe ȳspaðlø spal spale spate san pwatkin anima alma alma awme alme fwa iyado fegato fikat luna luna luna stella etwal estreja stella ak"a aywa akkwa agwø age apø pluwig jubja pjøððja ri:paria lakus lago lago layu ȳak lak lak mare mar mare mar mar sale saw sal sal sare saksom sasso sas petra pjeðra pjetra pjetra lapidem laude hare:na arena rena arejø aren arina sabulum sabulo:nem sabbjone savalon polvar terra tjera terra tsarø nuvolu kalizøj nebula nebla nebla tinjeblas fu:ma:ta fumata fumata fumase fumase fumate kajkia glas gjattja glas glaſe ðeniba wia vwa bia via strata estrada strada istrade ij'traðr strade kammii:nus camino kammino kamjnu camin monta:nea mðtaj montana montajna muntajna mðtaj montaje dia ȝøuna ȝøuna diurnata xornada ȳgornata ȳgornade annum ajo anno ajan an ling"wa lengwa lingwa manduka:re mænja maji manja: minka mwardi moskar morsikare musøga musøya murseka sukkjare fuður fuður sugar skujpa esputar sputare soffjare sufla respirar ȳspirar ȳspira vwa:s sapere sawwa:s saber sapere sabes savør save: kwidar kuzitar kuzitar kujda kudþeta pensar pensare pësa:s pësar pënsa pësa ulura fragrare sejra:s sejra:flojra tremare via nøga neka anegar annegare makta:re matar mata:s metar mæta: matja: punar puna battuere batø batir battere batez batrø bat batíe kaptia:re fase kaðar katsfare kasa:s kesar kesa: caſa: puxar puður puður pulsa segar segare segar siyar søya kortas korts kurtas skortare skurta taliare taxar taðlare taðla:t taðla:t taja: taja partire partis partis parti: separare separar separas siperar sørøra separa raer radere ȳa:s rawrø rada: rade rasar rasare ȳazas ȳezar røza rasa: raskar ȳa:kas ȳefkar røska kosa:l kusar kawa:re kabas kavare ȳevas ȳevar køba ȳave java: ekskaware eskabar skavare ijkewa:s ijkewar sjava: nata:re nadar nwotare nadar neðar nøda nada: navigare naže nabegar naviyas neviyar neðega naviga: naviga bolar volare voa:w vwar bula zvolare zbura kaminar kamminare kemijas kemijas kemina camina: ambita:re andar andare ȳðar jake:re jaðer ȳgafere zavrø swa:s sentar sëtar sëtar estar stare iftar iftar ȳsta sta jebar levare levar liva: ȳeba lua alðar altsare ałsa ałsa alfa: tornar tornare toðna:s turnar turna turna xirar ȳjirare zirar zirar zira stwardzi kadere swa:s kaer kadere kawrø cade tumbar tðba:s tðbar tumba dare dar dare dað dar dar da donar donare doa duar duna seka sørar sora serare sizar sizarappektora:re apretar epirtar epirtar fregar fregare frøga freka ijsfrigas ijsfriyar frotar frettare frisar frøsa laware lave laðar lavare levar levar ȳeba lave lava: la estarsir assugare ȳsugar ȳsugar ȳsuga uska limpjar lipar lipar tirar tirare ȳira tirar tira trahere trarre traze tradze jakta:re etar ȳettare zejtar zejtar xita lanke:a:re lanðar lanfare lësa lësar ȳensa lanja: legar legare liya lega apta:re atar etar kontar kontare kótar kótar kumta noverare numera numara kanta:re kantar kantar këtar këtar konta canta: kinta xugar ȳogar ȳogar ȳogar zuka flugtwar flutuas flutuar fluktua fluctua kolar kolare koa:s kuar kuða elar ȳzelare ȳilar ȳilar ȳela ȳglare glase gjattjare glæsa glaſa: inglakia:re ingetsa inßar enfiare ȳsar ȳsar imfla umfla gonfjare kkwatø kemar kejmare kejmarø krøma flamma:re flame flama arde:re aððrø arder ardere aððrø ardi arde ȳsendðar ȳsedðar ustura tantus tanto tant tanc alguno alkuno awgø akgø alkøn alter altro altre altri alt alias aw ał magnus magno grandem grande gran grant mare largus laðz laryo largo laðgu lark læk lark larg lato lato latu lat amplus antø ampio amplø krassus graso grasso grøsu grøs grøs grøwø grøbe grøvi grøvi angustus angosto etrøwa delyaðo dewgadu deleyaðu dølikat kalidus kaldo kaldu kawdu kawdu kał calt kaled fíwø nøvja nowella nøvja nuja malus mal malo maw maw mal mava døwa tarønt akutus ayuðo agy soave suaw adpropre aproape vwazø kirkia ðerka lontano ȳunta lontan galbinus galben amarellus amarijo emarelu albus albo awvu alvu alb alb nwa:s duas k"attwor katø kwattro kwadro kwando kwando kwan kwant ad a a a a a a a abhoc avek avu

b 0062

7

embra fembra be:stia biſſa biſe biſe bies bis abe arborem aðbø alþol arbore selba selba herba eðb jerba erba erbø jerbe jarbø webo kabejo kabelu købeð kabesø bukka buð boka bokø boke bokø bøce bukø gamba ȝabø gamba gamba kambø jambe gambø bjentre bentrø jubja sabulum sabulo:nem sabl sabbjone pulbere polbo nu:bes: nube nube nu:bilus nublo nebula nebla nebla tene:bra:s tinjeblas tønebrøs bjento ben nebe bia biø nombre limþø bos bus bibere bwøs beber bere beber biþer bewrø bøs bevi bea ber bewrø saber sabes seber bibir biwø battuere batø batir battere batez beter batrø bat batíe dibidir dibidi kabar køba eskabar nabegar neðega bolar bula zbura ambita:re benir bøni jebas ȳeba tøbe tumbar tðba:s tðbar tumba ȳeba nðbøe grabe brewis bøf brebe breve brevi brew bref subtilem subsire bjexo bonus bø bweno bwono bø bon bun beðino bøi bermexo børmel rubeus rubjo røbbjo rubeo rojb berde galbinus galben albus albo alb alb ibi: abhoc

Appendix 4 - Words containing each segment

C 0063 55
can car coadə cavəl cavətʃ boce camin noctem cuca: catfa: camina: cade coase canta: fluctua molc tanc calt spurcus abhoc

velevar leva levare leva leva: ose altsare torna:re tu:ne tornare turne gyra:re zi:re džirare tork^we:re tor:fer tor:fer turser turser tgarfe kadere kaer kadere cade t:be tume dare dare dona:re done donare dine tene:re tener tenere ter ter tsine eksprimere ep:re:ds ekspremir spremere ispr:mer ispr:mer esprema esprimi skreme serrere se:za serare se:ze uthoras serrare sere sjera: appektorare apretar stringere etk:edz estrepir strindgere strindge frika:re fr:je fregas fregare frea: freka frikta:re fr:te frettare fr:te lawa:re lave lavare lave ekstergere estarsir sterdge eksu:ka:re esu:je affugare sye limpida:re tirare tike tirare tire trahere trarre tra:ze tr:zer tradje impingere impindje jaktare zote et:ar djettare dzete lanke:re lase lanfare ligare lje legar leqare lea: leqa apta:re ko:nsuere koser kutfire kuzer kuzer coase komputa:re k:te kontare kote numera:re n:obve noverare

Appendix 4 - Words containing each segment

numera numera: di:kere deθir dire dizer dizer zi:fe ekspo:nere esporre spune kanta:re ſāte kantare ſāte ludere joka:re zwe
džokare dguwe flu:ktua:re fluere ko:la:re kule kolare kole ekskurrere eskurir skorrere iſko:kev iſkurer skurdje kurrere kores
korrene kokes ku:kev kurdje gelare žale elar dželare džale džela: glase gjattſjare inglakia:re ingetsa infla:re īfle enfiare īfle
enfla: konfla:re gonfjare gōfle intumeθer itumeser itumeser kre:skere kreθer kressere kreser kriſer kreſe kreste
krema:re kemar kejimare kejimare flamma:re flame arde:re arder ardere aðdeß erder arde inkendere enθender infendere
iſendžiar onſendr̄ intſindze uſtula:re alter grandem grande grande majjo:rem mare le epe espeso spesso iſpesu grabe greve
grew grew lerdo lerdo lerdo brewis brebe breve brew etruwa estreſo stretto menuido delyađo dewgadu subti:lem sottile
subtsire freddo rekentem reθjente ȝesēfī ȝesēfī retſint retſe ȝeno nweþo nowellus nuþeþo nowella wetulus bjexo veðu veð
vjei vek¹ bweno putred putrem poðre drept redondo þedðu sua:wem soave netto neted umed seko sekko sekku sek
proizme adpropre aproape pressus beθino veſin ðerka dekstrum djestro destr̄ djestri sinjestro sijnestri vermikulus bermexo
veðmeðu rubeus rubeo rubeo rudge wiridem berde verde verdi verdi ver verde galben amarellus neyro nero negru negru
neri negru prjeto pretu pretu due tres tre tres tref kʷ:i:nkʷ:e ſjinjkwe ekkumhi:k kʷ'em kjen ſine ke ke ſe ſe kome ſhemu:t
nek ne en deintus et e e e e se se ke ke ke

h 0068 49
pehō uhe hwes herba ɔhe krōh hare:na kinoh trahere kreh vēhē ekkumhi:k abhoc

j 006A 10
femje femeje mujere omaj nəmajje utfiel s̄ī p̄oxo pidžkkjo pju pədukcje serpiente s̄erpē vjer vja:r vjerme frui:t simjente foj

Appendix 4 - Words containing each segment

fjaje fjore jep jerbe jarbə funje rjeste pjel pjel pjele pjuma orekkja oej ɔkkjo uj gœj djente ungja ungje pje pje pjede pjerna pitʃor dʒinokkjo bjentre ɑtʃaj pjept jubja pjødža ploje fjume ʃivješ pjɛv pjødra pjete pjatra sabbjone sawjɔ tjera tjere njebla nebbja njyl tinjeblas sjel Өjelo bjento njebə gjatʃa djurno jo jew sukkjare skujpa soffjare vjodi kujda fløjra sje taje təjɪ taja: taja nojɪ jake:re jesi sjera: esqjije suja: limpjar jakta:re lje joka:re dʒu: gjattʃjare gonfjare ʃsədjar majjo:rem ampjø gʒiʃef reθjente pjeno nɔvja nɔvja nuja vjø bjexo vekkjo vjei djestro djestrø djestri sinjestro rubjo rɔbbjo prjeto kjen

k 006B

39

sokius piskem aukellus kanem kan kane kew̩ kew̩ ka kijne pe:dukulus pidɔkkjo pəduktus fruktus frukt ra:di:kem ra:di:ki:na kortikem kɔrtisi kɔrtisi kortikea korteθa kɔrtetʃa kurtisə skortea ekɔvə skɔrdza əskɔrɔ skwarʃe skɔartsa kwan kotenna kodžie kodie konnə kojin karnem karne kañni karni karn karne sank krøh kornu: kɔv kwerno kɔrno kɔnnu kornu kɔrn korn kornua kɔvn kwen kwar kauda kɔ kola koda kauda kauda kua kow kɔde kapillus kabejo kapello kabelu kəʃelu kəbəl kapitia kaʃeθa kavettsa kabesə kəbəsə kap kap kapitium aʃrikula orekkja ureke okulus ɔkkjo bukka boka bokka boke boka bɔk buka kambə pekɔl genikulum dʒinokkjo pantikem kollum ku kwejo kollo kɔlu kɔlu kɔl ko kwl pektus kor kɔr kwore kɔr kor kur kur fi:k:tum fikat so:likulus akkwa lakus ʌak lak lak saksum ka:li:ginem kaliżej keliżej kajkia kajlum fokum fwɔko fɔk fu:k fok kinerem kammi:nus kamino kammino kamjnu kɔmi komedere komer kome kumer manduka:re minka morsika:re moskar morsikare murseka sukkjare konspuere kuspis kuspis eskupis əskupi skujpa skire kognoskere kɔnetb konoθer konofjere kɔnjesej kujiser kuneʃ kinoh kɔnɔsi kungaste kɔgita:re kujide kwidər kužitaš kužitar kužda kuždət neka:re neka makta:re okki:dere ɔksis ukxi kaptia:re kaθar kattʃare kasaš kesar kesa sek:a:re kurta:re kortar koštaz kurtar ekskurta:re skortare skurta: skurta raskar ʃaʃkar ʃeʃkar rəska kosał kusar kaware kabar kavare kevaš kevar kəba ekskawa:re eskabar skavare iʃkevaš iʃkevar kaminar kamminare keminaš keminar kəmina ekstendere ekstender ekstinde jake:re kadere kaer kadere keir keir kawra kadea eksprimere ekspremis skreme appektorare frika:re freka frikta:re ekstergere eksu:ka:re uska jakta:re lankea:re kɔ:nsuere kudz koser kufjire kuzer kuzi kɔz kuzi komputa:re kɔte kontar kontare kɔtar kɔtar kumta kote konta: di:kere ekspo:nere kanta:re kantar kantare kētar kētar kanta kinta joka:re ʃjokare zuka fluktua:re fluktua kɔ:lare kule kolas kolare koaš kuar kuł kole kola: ekskurrere eskurir skorrere iʃkɔvəs iʃkurej əskora skɔri: skurdə kurrere kužiš korer korrere kɔvəs kužer kora kɔri kɔri kurdə inglakia:re konfla:re intume:skere kre:skere krewat̩ kreθer kressere kreser kresj kreʃ kreθ kreste kremare kemar kejmare kejma:re krəma inkendere okɔ alkno alkno paŋkus poko pøko powku powku pøk po:k lunk lark larkus kra kurtus kuł karto karto kužtu kurtu kurt kur striktus de:likat dølikat kalidus kaldo kawdu kaldu kaf kaled rekentem vekkjo sporko ispurku ispurku spork spork di:re:ktus akutus sikkus sek sekko sekko sek sek sek proksimus wi:ki:nus kirka Өerka dekstrum vermiculus katz kwattro kwattro kwattro kwat kwatri sæk Өinko ʃʃinkwe siku siku siŋk sæk ʃʃink ekkumhi:k aki kwi aki aki aki illa:k ki ki ki kwi kjen kɛj kɛj kwa ke ke ki ki ke kwe kā kwando kwando kwēdu kwēdu kwan kwand kwant kind kɔmā komo kome komu kom kɔm kom kum kum kon kon kɔ kɔ ku avek si:k ke ke ki ki kə ke kə

l 006C

14

mulierem anima:lia alimaja nemał aukellus utʃʃello utʃʃel pe:dukulus pedo:li arþol albero arbul silwa selva selva selva selve pałus palo palo pal pa:l folia ərel flor:rem flo:z flor flo:z flor flo:z flor flo:z pellem pjel pelle peli peli pjel pjele kola plu:ma plym pluma plomə plom plume pilus pwal pelo pelo pelu pilu pɛl kapillus kapello kabelu kəʃelu cavel aʃrikula ore:le okulus voli gula goel gola gola golə gole ungula ʃgl ɔngule petiolus peθioło pitʃioło pekɔl genikulum ʃgenoli a:la el ala ala ala el ale kollum kollo kɔlu kɔlu kwl spatula epol espalda spalla spal spale alma alma alme so:lem sol sole sol so:likulus sołej sołej soreli lu:na lyn luna luna lu: lu: lön lune lunə stella etwal stella istrele iʃtrele əstel stɔl stèle pluwigia plu:gi plu:z plef ploje ploje flu:men flumi flumi flum lakus lago lago lagu lak la:t lak salem sel sal sale sal sal sal lapidem laude sabulum sabulo:nem sabl savalɔn pulwerem polvere pɔlvar pulbere pulwus pols nu:bilus nublo nuvol nu:l ka:li:ginem kaliżej keliżej nebula njebla newlə njyl tinjeblas kajlum sjel Өjelo ʃfɔl sel ʃfɔl gelu: ʒel jelo ʃjelo glas glas glaʃe lingʷa l̩ɔ lengwa lingwa ʃigwə l̩eʃe lenge limbə suffla:re susle sołe sofia: susla uldi: olere oler olore ulura nuli: fleze fleʃra pulsar: pulsar: pulsa: pulsa talia:re wola:re vole bolar volare bula vole zvolare zvola: levare: leve levare leva: leva: lu: alθar altsare əlsa alſa: laware lave laʃar lavare levar lave lava: la limpida:re limpjar lipar lipar lankea:re lāše lanθar lanʃare lēsa lēsa lāsi lanʃa: liga:re lje legar legare lɔjɪ lea: lega lu:dere ludir flu:ktua:re flugtwar flutua: flutua fluctua fluctua fluere flui flui kɔ:lare kule kolas kolare kɔl kola: gelare zəle elar ʃjelare zilar zilar zəla ʃjale ʃjela: glase glaʃa glaʃa: inglakia:re infla:re ʃfle imfla ʃfle enfla: umfla konfla:re ʃʃfle zglonfa: flamma:re flame ustula:re multus multo mol molc mult alguno alkuno əlgu alkɔn alter altro altra altri alt alias longus lɔ longo lungo lōgu lōgu lɔ lunk lung largus lažg laryo largo lažgu largu ladz larg la:tus le lato lato latu lat amplus ɔpl ampla lurduš lus lerdo lordo lerdo lur pitulus pitul de:likat dølikat subtile sutil sutil kalidus kaldo kaldo kaldo kaldo calt kold ple:nus pl̩e pl̩e plin nowellus novello nowella nuvel novella wetulus malus mal malo mal mal ma:l lw̩et̩e lontano lontano vermiculus galben amarellus emarellu albus alb alv̩ illa:k la la la la la

m 006D

2

fe:mina fam embra femmina femer̩ femj̩ fembra foem femine mulierem muxer mɔłke mūke mūke mui:r mujere domina dam dam doğamnə infantem mari:tus maři mariðo marito maridu məriðu marit mari:t mə:trem mez maðre madre mej̩ mej̩ marə mer mari patrem anima:lia omaj alimaja nemał nəmaje piskem awem passerem kanem

Appendix 4 - Words containing each segment

serpentem wermem verme vermi verm vjerme arborem se:men seme se:mentia səmās simjente semente semēfī simēti səmen simēs semenfē səminfā gra:num ra:di:kem kortikem flo:rem gra:men grama grēme greme gram grame fu:nem restem pellem karnem sang"inem ossum adipem o:wum plu:ma plym pluma pjuma plomə plom plume capitum dentem pedem gamba gamba gamba jambe gambā genikulum manum mē mano mano mēw mēw mē man minə wentrem pantikem kollum dorsum anima am alma alma awme alme am inimə fi:ka:tum so:lem flumen fjume flumi flumi flum mare mər mar mare maꝝ mar mar mer ma:r mare salem saksum lapidem sabulum sabulo:nem pulwerem ka:li:ginem fu:ma:ta fyme fumata fumata fumase fumase fumate kajlum wentum niwem fu:mus umo fumo fumu fum fum fum fokum kinerem kammi:nus fəmē kamino kammino kamijū kəmijū kəmijū tʃimē camin montem mō monte monte mōfī mōti mun mō mōnt munte monta:nea mōtaj montaja montajna mōtēje mōtēje muntajə mōtaj montaje noctem diurnum annum no:men no:me nomi nomi nōm nume no:minem nombre limbə komedere komer kome kumer manduka:re māze mənza maji manja: minka morde:re mōdəs mōrdere mōdəs mōrde:re mwardi morsika:re moskar morsikare musəga musəgar musəya morsea: murseka simtsi time:re temer temere temer timer temə teme tremere tremere tremes trimer trima: dormire dəməis dormir dormire doz̄məs durmis durmi: dormi mukis moris morire mores muser muri mōri muri: muri makta:re matas matas metar məta matja: fəmine kaminar kamminare kemijas kemijas kəmina camina: mergere merdžere merdže ambita:re tumbas tumba tume eksprimere ekspremir spremere ijspramer əspremə esprimi skreme limpidare limpjar impingere əmperejə impindje komputa:re kumta numera:re numera numera: numara imfla umfla intume:skere entume:ber itumeser itumeser krema:re kemar kejmare kejma:re krəma flamma:re flame flama omnis multus mu mufo molto müjtu müjtu mol molc mult magnus mago grandem majorem mare amplus ampjo ampls strimt minu:tus məny menudo minuto miudu miudu mənut mənūt mərunt subtilem rekentem malus mal malo malo maw maw mal maya mal putrem sua:wem u:midus ym umid umed proksimus proximo prosimu prosimu proizme prom prosim dekstrum sinistrum vermkulus vēmey bermexo vēmeylu bərmel wiridem amarellus amarijo emarelu emarelu nigrum ekkumhi:k k"em k":modo kəmā komo kome komu komu kəm kom ʃemu:t kum kum

N 006E

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femina femmina femme domina donna done done done dənamə infantem infante fante nijo nino nenēj nenēj nen nini sponsa sponsus anima:lia nema:l nəmaje kanem kan kane can kijne serpentem serpjente serpente sərpen sarpint se:men se:mentia simjente semente səmen semenfē səminfā gra:num grano grano grin gran frondea frondza frunzə ra:di:kina: zəsin resen rədəfīnə gra:men fu:nem fune funje kwan kotenna konnə kojin karnem karne karne kañni karni karni sang"inem sangwe sank sindje kornu: kwerno korno kɔnku korn kornua kɔn kwen penna pen penna pene pene pen pene panə na:sus ne naso naso nas ne na:s nas nariθ narije naris neris na:ris dentem djente dente dint dinte ungula ungula ungje perna pjerna pérno pérne pérne genikulum zənu inoxo əjinakkjo zənoł əjenoli əgenunkj manum mano man minə wentrem bjentre bentra vintre vintre pantikem pantha pantse pintefē intera:nea entraya əntrapə sinus seno sen san pwat̄sin pwetrin anima inimə lu:na lyn luna luna luna lən lune lunə flumen hare:na arena rena ərena aren rene arinə sabulo:nem sabbjone savalon nu:be:s ny nube nube nuvēj nuvēj nu:bilus nublo nuvol nu:l nor ka:li:ginem nebula nebbja nevwə newlə njyl negura tene:bra:s tinjeblas tənebrəs wentum bjento vento ben 'vint vint niwem njebe neve nevi nevi new nivaj nef nəa kinerem ʃenere sendrə əneniθa ʃenise ʃenu:s kammi:nus kamino kammino camin montem monte mun mōnt munte monta:nea montaja montajna muntajna montaje noctem nūj notje nōtte nojti nojti nit nyt noapte diurnum djurno əjorno zorn əjorna əjorna diurna:ta əjorna xornada əjornata əjornade annum anno enu enu an an no:men nō no:me nomi nomi nō nōn nume no:minem nombre ling"a lingwa 'lenge no:s nu nos noi noj:s nōj no no: noj manduka:re manja: minka konspuere kognoskere kōnetə konoθer konoffere kunejə kinoh kungaste pensa:re pensar pensare pənsa pensa: senti:re sentir sentire sənti sinti: nuli: neka:re nwaje nəga nea: neka anegare annegare innea: pugna:re findere ender fendere fendə pungere pundżere pəndži pundże nata:re nadar nwotare nadar neðar nəda nada: naviga:re naȝe nabegar naviyas neviyəs nəbəga nəjī naviga: naviga fəmine kaminar kamminare kəmina camina: andar andare weni:re vəni: benis venire bəni vini veni ekstender ekstender əstendrə stindi ekstinde sedenta:re sentar senta: tornare tu:ne tornar tornare to:na: turnas turna turne torna: turna dona:re dəne donas donare duna dine dona: tene:re təni: tener tenere təni tini tsine stringere strindjere strēnd strēndj: strindjे impingere impindje lankea:re lanθar lanθare ənəsa lanθa: ko:nsuere kontar kontare konta: numera:re nōbəe noverare numera numera: numara ekspo:nere spune kanta:re kantar kantare kənta canta: kinta inglakia:re ingetsa inflare infər enfiare enfla: konflare gonfjare zglonfa: intume:skere entume:ber inkendere enθender infjendere əsendjəs ənsendrə infjindze omnis tantus tanto tanto tant tanc alguno alkuno alkōn magnus grandem grande grande gran grant longus longo lungo lunk lung antfo angustus angosto minu:tus məny menudo minuto mənut moenu minut mərunt rekentem reθjente retsint ple:nu: əno pjeno plēn plin nowus noef nweþo nwəvo novu novu now nu now nowellus nuvo noþiło novello nuþeþo nəvja nowella nuvel novella nəvja nuja bonus bweno bwəno bən bən bun rotundus redondo rotondo tarənt rətund nitidus net niðio netto nedžu nedžu net net neted wi:ki:nus beþino viþino viþin lontano əunta lontan sinistrum sənestə sinjestro galbinus zon əgen galben nigrum nwəz neþro nero negru neþrə nor neri negru u:unus uno uno un unu

k"ink"e əinko ʃinf kjen ʃine k"ando: kwando kwando kwan kwand kwant kind no:n nō no non nēw nēw no nō no nu nek ni ni ne nēj nēj ni ni in en in ən en in deintus dins kon kon

O 006F

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molde domina doja done done nijo nino sponsa sposa ipsoza ipsoza spose mariðo marito sponsus esposo sposo ipsozu ipsozu sokius sots omaj wazo utsfello paxaro passero pjoxo pidzkkjo pioðu pioðu poł arborem arþol albero arbori arbore palo palo fruto frutto grano grano folia oxa fołe fołe frondea frondza kortikea kortikea kortetfə skortea

Appendix 4 - Words containing each segment

flor fjoer floz flor kotenna kodje kodir konnə po ossum weso ɔssø osu osu os webo wovo ovu ovu ow kornu: kwerno korno kɔnnu kornu kornua kola koda plomə pelo pelo kabejo kapello orexa orekkja oreλe orejλe ore:le okulus oxo ɔkkjo oλu oλu voli ok^j naso boka bokka boke boke bokə gola gola golə pərno petiolus peθiolo pitʃjolo pitʃjor inoxo dʒinɔkkjo zənoλ ʃenoli mano mano kollum kwejo kollo ko dorsum do dasso dos do do epol seno seno peʃo petto kor kor iyaðo fegato sol sole soreli o ploje rio rio lago lago sasso sorə sabbjone polvere polbo pols nublo nuvol nor θjelo tʃelo bjento vento jelo dʒelə umo fumo fokum fwego fwəko fogu foyu fok kamino kammino montem monte monte monta:nea montaja montajna montaje noctem noʃe djurno dʒorno zorn xornada dʒornade apo anno nomi nomi nombre jo io jo nos noi no bos voi vo vo se voste komedere kome mordere morðer moðer morsikare moskar morsikare morsea: konspuere soffjare sofla: vjodi oir owvιš owvir kogno:skere konoθer konoffere koneseš kɔnɔsi ole:re ole:re olire dormi:re dormir dormire dɔrmɪš dormi morir morire mɔrεš okki:dere kortar kɔntaš skortare kosał fodere nwotare wola:re bolar volare voaš zvolare zvola: ose osi torna:re tornar tornare tɔrnəš torna: tork^were torθer dona:re donar donare doa dona: appetkora:re frotar koser komputa:re kontar kontare kote konta: neverare esporre joka:re dʒokare zogaš kolar kolare koaš kola: skorrere iʃkɔkeš əskora korer korrere kɔkeš korə konfla:re gonfjare zglonfa: omnis opni todo tutto todou toðu tot tot muʃo molto mol molc tanto tanto okōs alguno alkuno pokø pokø powku powku po otø otro altro owtru owtru ot maþo longus longo lungo λøŋ laryo largo lato lato anʃo ampio graso grasso espeso spesso gordo grossus gøø grøsso grosu grosu lerdo lordo lerido lerido korto korto angosto estreʃo stretto menudo minuto delyaðo sottile jo kaldo kaldo tʃo frio freddo λeno pjeno nowus nweʃo nwøvo novu novu now nowellus nuvo noþiðo novello nuþeðo nowella novella bjexo vekkjø bonus bweno bwøno malo malo malo poðriðo poðre podri poðri sordidus sordido spørkø drittø rotundus redondo rotondo rəðo ayuðo soave niðio netto sekko proksimus proximo prosimu prosimu proizme prom prosim adproprie presso beþino vitʃino lontano lontan djestro døstro sinjestro roxo rosso ɔðos ɔðos ros rosu bermexo rubjo røbbjo rubeo rubeo zon amarijo albo neyro nero prjeto uno uno dos dos dowə kʷattwor kwattro kwattro θinko kwando kwando kʷo:modo como kome komu komu kom no non no no kon kon abhoc kʷod

p 0070

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sponsa epus sposa sposa ispoza ispoza əspozə spose sponsus epu esposo spozo ispozu ispozu əspozə spos patrem pek paðre padre paj paj parə per pari piskem peθ pesse pejši pejši pes pes pejte pwass̄ pehō passerem paxaro passero pasaru pasaru pasar pasare pe:dukulus pu pjoxo pidakkjō rionu rionu roł pju pedo:li padukje serpentem sejrpā serpjente serpente sejrpēti sirpēti sərpen sjerpē sarpint sarpe op parlus palo palo paw paw pal pa pal par jep pellem po pjel pelle peli peli peł pe pjel pjele adipem adipe plu:ma plym pluma pjuma plomə plom plume pennə pen peja pennə penə penə penə penə panə pilus pwal pelo pelo pelu pilu pel pe:l pər kapillus kapello kapititia kap kap kapitium pedem pje pje pjede pe pe pew pi pi:t piez džap perna pjerna perno pevne perne pernə petiolus peθiolo pitfjolo pækəl piſfor pantikem pás panθa panſa pēse pēse paŋſe pás pantse pintefse spatula epol espalda spalla ifpadwe ifpadwe əspalʌlə spal spale spate pektus pi peſo petto pejtu pejtu pit pət pjept pwatšin pwetřin apə pluwia plqi pjedđa pluzə plf ploje ploaje ri:pria petra pjek pjedra pjētra pedre peðre peðre pir pjere pjatra lapidem pulwerem pudz polvere polvar pulbere pulwus polbo po po pols noapte konspuere kuspis kuspis eskupis əskupi skujpa sputa:re sputare spuda: respi:ra:re respirar əspirar əspirar rəspira: respira: sapere sapere pensare pensare pēsa pēsar pēnsa pēse pensa: pēsa pugna:re pupar pupa kaptia:re pulsare puse puxar puša: pušar pulsa: pulsa parti:re partis partis partis partis partis partis se:para:re separar separas siperar səpəra separa pungera pwēd̄k pundžere pūzis pūzir puni pōd pōndži pundže eksprimere erpēd̄k ekspremir spremere isprēmer ispramer əsprema esprimiappektorare apretas epirtas epirtas limpida:re limpjar līpar līpar impingere əmpere: impindže apta:re komputa:re ekspo:nere esporre spune paňkus po pok po koč powku powku poč po poč amplus āpl ampio ampla āp spissus epe espeso spesso ispesu ispesu əspes spe pittitus pəti pətit piti pitulus pitiful suptil ple:rus plē pjeno plē plen plin putridus poðriðo puðrit putred putrem poðre podri poðri spurcus sporko ispurku sporko spurk spurk drept proksimus proximo prosimu prosimu proizme prom prosim adpropre əprɔape apropape pressus pre presso pre prjeto pretu pretu patru

r 0072

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mulierem mui:r mujere maritus marito mari:t mørít ma:trem madre mer mari patrem padre per pari passerem passero pasar serpente serpē sérpent sarpint wermem verme vjer vja:r vjerme arborem albero arbore fruktus frutto fryt frut frukt gra:nūm grano grin gran grīw frondea frondza ra:di:kem raīf ərəl radris ra:di:kina resen rødøfinø kortikem kortikea kortetfja skortea skørdza øskørsa skwarzfje flo:rem fjore flør flor herba erbæ jerbe grā:men grame restem resta rjeste karnem karne karn tʃar car krøh gras kornu: korno kørn korn kornua kwar øyrikula orekkja ore:le ureke naritf naris perna perno pernæ pifjor wentrem vintri vintre intera:nea dorsum pwetrin kor kwore kor kur kur soreli ri:wus rio rio riw re riu riw ri:p:ria rivir mare mare mar mer mare sare petra pjētra pir pjere hare:na rena aren rene arinø sorø pulwerem polvere pølvar pulbere terra tjera terra tera ter tjere tsarø nor negurø tene:bras sir dger kinerem tjenere sendra strata strada strade diurnum ðjorno diurna:ta ðjornata ðjornade bibere bere komedere mandukare mordere mwardi morsika:re morsikare musøgar morsea: murseka sukkjare su:gere suddgere konspuere sputa:re sputare suffla:re soffjare respira:re respirar røspira respira: ri:de:re reis ridere riwø rir ridi wide:re vedere audi:re udire skirø sapere sapere savør kogno:skere konoffere ko:gitare pensa:re pensare senti:re sentire ole:re olore fra:gra:re fragrare time:re temere tremere tremare trima: dormi:re dormire durmi: dormi wi:were vivere morire mōri muri: muri neka:re annegare tu:ta:ri makta:re okki:dere utfidere pugna:re battuere battere kaptia:re kattfare pulsa:re seká:re segare kurtare ekskurtare skortare skurta skurta talia:re tałłare di:widere findere fendere parti:re pørti parti parti: se:parare separa pungere pundžere ra:dere rær radere rawrø rada: rade rasas rasare røza rasa: raskar røska fodere kawa:re kavare ekskawa:re skavare nata:re nwotare

Appendix 4 - Words containing each segment

navigare wola:re volare zvolare kamminare mergere merđere merđe ambita:re andare weni:re venire ekstendere jake:re
džasfere džir sede:re sedere sedenta:re sta:re stare leva:re levare altsare torna:re tornare turna turna:re turna gyra:re džirare
džira: tork^w:re tøtfere turser turser tørsø stwardzi tqartse kadere kadere kawra ſjer dare dare dar dona:re donare tene:re
tenere eksprimere spremere iſprømek iſprømer esprimi skreme serrere søra serare Øerar serrare sere sjera:appekta:re
stringere strindjere øſtrizir øſtrizir strñd strendži: strindže frika:re fregare frøji frea: freka frikt:a:re frettare frøte frisar lawa:re
lavare ekstergere østarzi sterđe eksu:ka:re assugare limpida:re tira:re tirare tire tira: trahere trarre traj tradže impingere
jakta:re džettare lanke:a:re lanfjare liga:re legare apta:re ko:nſuere kufšire komputa:re kontare numera:re noverare numera:
numara di:kere dire dir ekspo:nere esporre kanta:re kantare lu:dere jokare džokare flu:ktua:re fluere ko:la:re kolare ekskurrere
eskurir skorrere øskorø skøri: kurrere korer korrere kora køri køri gel:a:re dželare gjattfjare inglakia:re infla:re enfiare konfla:re
gonfjare intume:skere kre:skere kreffere kreħ kreši krema:re krøma flamma:re ardere ardi inkendere intfendere ustula:re
ustura alter altro altri grandem grande gran grā grant majo:rem largus largo lark larg krassus grasso kra gras gras gurdus
grossus grøsso grwes gros grawis grøve grav grøvi lurdus lordo lur kurtus korto kur kurt brewis breve bref striktus stretto
strø: strøt strimt mørunt subtsire frigidus freddo fre:t rekentem reθjente retsint reſe putridus putred putrem sordidus spurcus
spørko spørk spurk

direktus drittio drø dret drept rotundus redondo rotondo rado rø taront røtund proksimus prom prosim adpropre aproape pressus presso pre kirka dekstrum destro djestr djestri sinistrum sijestri russus roxo ros rød røs vermekulus børmeλ rubeus rubjo røbbjo rubeo rubeo rudge røf rojb wiridem verde ver vert amarellus nigrum nero nør neri tre:s tre tres trøs 'tre: trej k^wattwor kwattro kwatri patru

S 0073

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sponsa sposa spōza ipsoza əspōzə spouse mari:tus sponsus esposo spōzo ipozu əspōs spos soki:s sots be:stia bies bis piskem pes pwas̄ aukellus use:λ passerem passero paseru paseru pasare pedukulus serpentem se:rpā serpjente serpente se:rpēfi sirpēti sərpen sjerpē sarpint silwa selba selva sewa selve selva palus fruktus semen seme sem:entia səmās simjente semente semēfi simēti səmen simēs semenfē səminfē frōse frōse kais radris kais resen kəfisi kətisi kəfisi kurtise skortea ek̄as skordza əskorsə hwes skwartse skoartsə restem rista resta rjeste sang"vinem sā sangre sangwe səgi səgi san səg sank sindje ossum os weso ɔso osu osu os wes os ḡes grasa gras pilus kapillus kabese ke:bese testa testa teste testə f̄es teste tse:astə okulus na:sus naso naso nas na:s nas naris na:ris petiolus pās p̄es p̄es p̄as dorsum dōsso dos dwes spatula espalda spalla əspa:llə spal spale spate sinus sē seno seno seju seju si sen san pektus so:lem sol sole sow səl sol sqare so:likulus səlej səlō soreli st:lla estreja stella istrelē əstel stel stele st̄ea ri:wus lakus salem sel sal sale saw sal sal se sa:l sare saksum sasso sejsu sejsu sas sabulum saj̄bru saj̄bru sora sabulo:nem sabl sabbjone savjō savalon pulwus pols nu:be:s nu:bilus tene:bra:s tinjelas t̄reves t̄nebrəs fumase fumase sjel sew sew sel sir glas glas gles fumus sād̄ sendr̄ s̄et s̄ize s̄ize f̄inise stra:ta estrada strada kammi:nus die:s nos nojs wo:s bos vojs bus usted vose vose voste morsika:re moskar morsikare musəga musəgar musəya morsea: murseka syse sukkjare sysi su:gere suddjere sugar sugar sudjē konspuere kuspīz eskupi əskupi skujpa sputa:re esputar sputare spuda: suffla:re sufle soffjare s̄ofle sofla: sufla respi:ra:re respirar əspirar r̄spira respira: skire sapere savwa: saber sapere sabe: s̄aber s̄abe savor save: kognoskere kopese:k kūpiser koposi pensa:re pāse pensar pensare p̄esa: p̄esar p̄ensa p̄esa pensa: p̄esa senti:re s̄ati:s sentir sentire s̄efi:s s̄etir s̄enti s̄eti sinti: simtsi əksiz uksi f̄ase kasa: kesar kəsa ʃ̄esi pulsare puse pulsa: pulsa sekare sje segar segare sega:s siyar səya sea: ekskurta:re skortare skurta: skurta se:para:re səvve separar separa:s siperar səpəra separa rasar rasare rasa: raskar rəska kosa: kusar ekskawa:re eskabar skavare sjava: ekstendere ekstender istēde: əstendr̄ stindi ekstinde jesi sede:re swa:k ser sedere ser ser sej sedenta:re sentar s̄etar senta: sta:re estar stare əsta sta: sta ose alsa alsar osi turser turser t̄rsə stwardzi eksprimere ekspremir spremere əspremə esprimi skreme serrere se:ra sərar səra serare se:re serrare si:ra:s si:ra:s sere sjera: stringere estreñir strindjere əstreñə strēnd strendj: strindjे frisar fr̄esa ekstergere estarsir əstərzi eksu:ka:re esu:ije sye suja: uska lāse l̄esa l̄esa l̄ensa l̄ensi ko:nsuere koser coase ekspo:nere esporre spune ekskurrere eskurir skorrere əskorə skori: skurdge glase gl̄osa intume:skere itumeser itumeser kre:skere kreser kri:sser kresi ʃ̄isendjər ʃ̄isēdjər ənsendr̄ ustula:re ustura omnis to:tus multus tantus paukus alias magnus longus largus la:tus amplus krassus graso grasso gras gras gras spissus espeso spesso ippesu ippesu əspes spe gurdus grossus grōsso grosu gro: gr̄es gr̄es gros grawis luridus pittitus pitulus kurtus brewis angustus angosto iñgust striktus estreñō stretto istrejtu əstret strō: strel strimt minu:tus de:lika:tus subti:lem util sottile sufjw sufjw suptil sufi:l subtsire kalidus fri:gidus əsēfī əsēfī ple:nus nowus nowellus wetulus bonus malus putridus sordido sordido sordido spurcus sp̄orko sp̄orko sp̄ork sp̄ork

di:re:k^tus rotundus aku:tus sua:wem soave suaw nitidus u:midus u:dus sikkus sek seko sekko sek u:sek sek proksimus prosimu prosimu pressus presso wi:ki:nus dekstrum djestro destro destru destru djestr djestri sinistrum sənestr^t sinistro sestru sestru sepes sinistri russus ros r^os vermiculus rubeus galbinus amarellus albus unus duo: dos dojs dos d^os duas dues tres tres tros sek siku siku sijk sek k^wis deintus dins si:k si si si si si si si si si se si si si si se sə

t 0074

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infantem infante fante ifēti mari:tus marito marit mari:t mōrit ma:trem patrem tata tata tata tata tata tate tatā be:stia peste ut:fello serpentem serpente serpente sīrpēti sarpint fruktus fruto frutto frute frutē frujt frut frukt se:mentia simjente semente simēti kortikem kortisi kortikea korteθa kortetʃa kurtise skortea restem rista resta ɻēsti rjeste kotenna kapitia kavetta kapitium testa tet testa teste testē teste teste tseastā dentem djente dente dēti dint dinte pit petiolus pitfjolo wentrem vāt̄z bjentre bentra vēt vintri vintre pantikem pintefje intera:nea āt̄zaj entrapa īt̄rēne ētrepe ēntrapē spatula spate pektus pejtu pejtu pit pet pjept pwat̄zin pwetrin fi:ka:tum fegato fœt fia:t fikat ste:lla etwal estreja stella istrelē istrelē

Appendix 4 - Words containing each segment

stel stel stele stęa lat petra pjatra terra tez tjera terra teze teze ter tjere tene:bra:s tinjebias treves treves tanebras fuma:ta fumata fumata fumate wentum bjento vento vētu vētu 'vint vint gjatfa sēt strata: estrada strada istrade istrade strade montem monte monte mōti mōnt munte montanea mōtaj montaja montappa mōtēne mōtēne muntaja mōtaj montaje noctem notte nojti nojti nit nyt jōt nojpte diurnata dgornata tu: ty tu tu tu tu tu ti tu tu usted vase sputare esputar sputare sti konetis kungaste kogitare kuzitas kuzitas kudzeta sentire sātis sentir sentire sētis sānti sēti sinti: time:re temer temer temer temer teme tremere tremere tremere tremere trimis: tu:taris tue tuwe tuda: makta:re matas matas mētar mēta: utsfidere battuere bat: batir battere bates bēter bat: bat bati kaptia:re kaptia:re kurtas kurtas kurtas ekskurtare skortare skurta: skurta talia:re taje taxas tałłare tałas tēla: teji taja: tēja parti:re partis partis partis parti parti parti: nata:re nwotare ambitare ekstendere etādik ekstender istēder istēder əstendre stindi ekstinde sedentare sentar sētar sētar senta: sta:re et:re estar stare iftar iftar əsta sta: sta tornare tume tornare tornas turnas turna turne torna: turna torkw:ere tōks torber torfere turser turser tōrsə stwardzi tqarise tōbe tumbar tōbas tōbar tumba tume tener:re tōni:re tener tenere tez ter tōni tini tini appektorare apretar epirtar epirtar stringere etrēdik estrejir strindzere əstrizir əstrizir əstrejre strēnd strēndz: strindz: friktare frōte frotar frettare frōte ekstergere estarsis əstərzi sterđe tirare tīre tiras tirare tiras tira tire tira: trahere tēk trarre traze traze trewa traj tradże jakta:re zōte dżettare zejtar zejtar xita dżete aptare atar etar komputare kōte kontas kontare kōtar kōtar kumta kote konta: kanta:re sāte kantar kantare kētar kētar kēnta ȳsēte canta: kinta flu:ktua:re flugtwar flutuas flutuas fluctua gjatfjare intume:her itumeser itumeser k̄watuas krefta ustula:re ustura to:tus tu todo tutto todou tođ tot to dut tot multus molto mūjtu mūjtu mult tantus tanto tanto tētu tētu tant tanc alter ot: otro altro owtru owtru altrē ot altri alt grant la:lus lato lato latu lat pittitus pōti pōti piti pitulus kurtus karto karto kurtu kurt kurt angustus angosto iugust striktus etrwa estrejjo stretto istrejtu istrejtu əstret strō: strel strimt minutus minuto māenut minut māenut de:likas dēlikat subtil:em sutil sottile suptil sutil calt fret fret rekentem re:θjente retsint wetulus putridus puđrit putred putrem direkktus drittio dğirejtu direjtu dret dret drept rotundus rotondo taront rətund aku:tus ȳgut nitidus net netto net net net neted lwēt̄ lontano ȳunta lontan dekstrum diestro destro destru de

11 0075

13

mulierem muxer mułek mułer mułe mui:r mujere epuz mari:tus maridu meri:du sponsus epu ispozu ifpozu sokius aukellus
ut:fello useł uhe ut:fel paseru paseru pe:dukulus pu piołu piołu pju pədükje arvuri arbul pa:lus fru:ktus fruto frutto frute
frute frujt frut frukt gra:num fułə frunzə kurtise fune funje ossum osu o:wum ovu ovu u koñnu kornu kornua kua
pluma pjuma plume pilus pelu pilu kapillus kabelu kębelu capitum aqrikula urekə ureke okulus ołu ołu uj násus bukka
buł bukə gula gurə ungula uja ungja uja uja ɔngule ungje petiolus genikulum żənū zuełu zwełu dżenunk' manum kollum
ku kolu kolu dorsum spatula sinus seju seju pektus pejtu pejtu kur fi:ka:tum figedu fijede so:likulus luna luna lue lue
lunə lune lunə pluwia jubja suve suve plużə fjume flumi flum ri:wus ziu riu lakus lagu layu saksum sejsu sejsu
laude sabulum sajßru sajßru sabulo:nem pulwerem pudz pulbere pulwus nube nube nubē nubē nu:bilus nublo nuvola nuvol
nebula negurə fumata fumata fumase fumase fumate kajlum wentum vētu vētu fu:mus umo fumo fumu fum fum fum
fokum fogu foju fenu:sa kammi:nus kamijnu kemiju mun munte muntajə diurnum zuł djurno dżu diurna:ta zuñne annum
enu enu nume nu vu bus tu
sukkjare suʃak suʃar cuca: suddgere sugaras sugaras sudsge konspuere kuspis kuspis eskupis eskupi skupja sputare sputare
spuda: suffla:re sufle sufla uiż udire ui uldi: kujniser kune:sa kuno:sta kuzita:sz kuzitar kujda kudżeta ulura nuli: durmis durmi
durmi: mu:kiż mu:zer muri muri: muri tuwe tuda: ut:fidere uksi ut:side pugna:re pujar puja battuere pulsare puse puxar
puʃar puʃar pulsa: pulsa kurtare kurtas ekskurtar:re skurta: skurta pungere pundżere puji pundże kusar bula zbura lúa tu:ne
turnar turna turne turna turser turser tumbar tumba tume duas duna affugare īfugas īfuya: ɔsuga suja: uska kon:suere
kudz kufire kuzer kuzer kuzi kuzi komputa:re kumta numera:re numera numera: numara spune ludir xugar zuŷar zuga
dżuwe dżuja: zuka flu:ktua:re flugtwas flutuaz flutuar fluktua fluctua fluer flui kule ku:la ekskurrere eskuris īfkurer
skurđe kurrere ku:biż ku:zer kurđe umfla intume:skere entume:der itumeser itumeser ustulare ustura to:tus tu tutto todou
todou dut multus mu mu:fo mū:ju mult tantus tētu tētu alguno alkuno algu pagkus powku powku owtru owtru alias
magnus longus lungo lōgu lōgu lunk lung largus la:gu largu la:tu latu amplus īfū īfū krassus gra:fu spissus ispesu
ispesu gurdus grossus grosu grosu lurdus luż lur pittitus pitiful kurtus kuż ku:tu kurtu kurt kur kurt angustus
ingust striktus istrejtu minu:tu menudo minuto miudu miu:du mənūt moenu mərunt de:lika:tu dus dewgadu de:lyadu
subtilem sutil sutifw sutifw suptil sutil subtire kalidus kawdu kaldu fri:gidus friu friu ple:nu seju seju nowus novu novu
nu nowellus nuvo nu:beło nuvel nuja wetulus vejáu vełu bonus bun malus putridus pu:đit putred putrem sordidus sordidu
sordidu spurcus ispunku ispunku spurk dire:ktus dżirejtu direjtu rotundus ńidödu ratund aku:tus aqyđo aqyđo aqyđ
sua:wem suaw nitidus nedżu nedżu umid umed u:du: ud sikkus sekü sekü proksimus prosimu prosimu pressus
wi:ki:nus viziju viziju Aunta dekstrum destru destru sinistrum seftu seftu russus ıu koñu rošu vermiculus veñmełu
vírmęjlu rubeus ıuż rubjo rubeo rubeo rudże galbinus amarellus emarelu emarelu albus awvu alvu nigrum negru negru
negru pretu pretu unus uno uno un unu duo:s duaj due duas dues dues kwatru kwatru patru siku siku ekkumhi:k
kwędu kwędu komu kom

u kum hu dentus kum ku avu

0076

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avi avi v̄er verme vermi vermi verm v̄jer v̄ja:r v̄jerme aivori arvuri selva s̄ewva s̄elv̄e s̄elv̄e eiv̄e aiv̄e aiv̄o m̄co ovi ovi ovi j̄ev̄o

Appendix 4 - Words containing each segment

ðvæ cavel kavettsa cavetf jøve voli vãtþ vët vintri vintre suve suve kivjek rivi:r savjõ savalõn polvere pôlvar nuvëj nuvëj nuvola nuvol nevwæ nevwæ třevæs třevæs vã vento vëtu vëtu vë 'vint vint neve nevi nevi nivaj vwa via viæ viæ voj vie lëv vu voi vøjs voj vo vo: voj vose vose voste bevi vwaas vedere veæ ver vej vjodi vedea owviæ owvir savwaas savør save: vivæ vivere viveæ viver vivi via ðjividžis dividiðir divide sëvæs kavare kevaæ kevar ūave java: skavare iſkevaæ iſkevar sjava: naviga:re naviyæs neviyar naviga: naviga vôle volare voaæ vwar vôle zvolare zvola: vënïs venire viæ vir vini vjini: veni leva:re lëve levare levaæ livar leva: lave lavare levar levar lave lava: noverare grëve gravi gravi grav grëvi breve brevi břevi nwôvo novu novu nuvo novello novja nuvel novella novja vjø vekkjo vejlu veñ vi vjei vekj mava soave vwazë vifino viziju viziju vëhë vifin vermikulus vëzmej vëzmejlu vës verde verdi vert ver vert verde awvu alvu vi avek avu

W 0077	47
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pwasõ awem aw wazo wermem silwa sewva paw paw fwee hwes skwartse kwan sangwe weso wes o:wum webo wôvo cwow
ow kwerno kwen kwar kow pwal pew ȝwælù wentrem kwejo kwl dwes ifpadwe ifpadwe pwat in pwetin kwore awme
fwa ssw etwal aywa akkwa agwe agwe ajyw   w pluwia ri:wus biw riw saw pulwerem pulwus nevwæ nevwæ newl 
sew sew wentum niwem new fwego fw ko wia vwa lengwa lingwa l gwe l gwe  en gw  ew ew jew wo:s bw as bewr 
mwardi riwr  wide:re vwaas bewr  owvir savwaas kwidas dwe mi wi:were biwr  nwaje tuwe di:widere pw d  rawr 
fwi  kawa:re ekskawa:re nwotare wola:re vwar weni:re zawi  swaas stwardzi fwaas kawr  lawa:re trewr  zwe d juwe flugtwar
flwi  flwi  kewat  awg  powku powku ottru aw grw s grawis grew grew brews brew et wa dewgadu suffi 
suffi  kawdu f wa nowus nwe o nwôvo now now nowellus nowella wetulus bweno bw no maw maw d wa sua:wem suaw
wi:ki:nus vwaz  lw t  wiridem awvu nwaas dow  t wa k attwor kwater kwater kwater kwat  kwat  kwat  t j nkwe
kwi kwi kwa kwe kwando kwando kw d  kwan kwand kwant

X 0078	16
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muxer paxaro pjaxo oxa orexa oxa inoxo xornada puxar taxar xirar xita xugar bjexo proximo roxo bermexo

y 0079	63
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fryt plym lyn  y ny njyl fyme nyt ty syse sysi gyra:re sye m ny agy ym

Z 007A	35
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epuz spoza ispoze ispoze  spoz  spozo ispozu wazo frunz  piez s ze s ze zi auzi  aze  azak  ezar r za zvolare zvola:
zbura  ezis  ezes  ezes traze trezer kuzer kuzer kuzi k z kuzi dizer dizer zi fe zglonfa: proizme vwaz  viziju viziju

� 00F0	37
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mari o meri o ma re pa re iya o fiye o pje ra pe re pe r  ifstra re mor er mur er divi dir n dar to u miu u delya o
de ya u po ri o pu rit po re po ri  ayu o ayu u ni io

� 00F5	50
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peh  fr se fr se m f i m ti m t ne m t ne t baas t baas k tar k tar l gu l gu b  b   ed du  id du k  k 

� 00F8	73
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k  s v  l n f  b s sav r k z p  fr  vj  dr  n r d  tr s

� 0129	28
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if fi if ti it ne s ze s ze kam nu l gw  ligw   str zir  str zir l par l par i ar i ar itumeser itumeser isend ar is d ar s ku s ku
s  si

� 014B	72
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sangre saj lengwa  en gw   or  ingust u  t j nkwe si k 't j nk

� 0153	11
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f em f ej f o s f o r  ef  ej g el g ej k e s f et sto l f e  mo nu no f

� 0169	83
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p  z s p  z r m  jtu m  jtu awg  alg     

Appendix 4 - Words containing each segment

9 0250
femer femje done done ispoze meriđu biše biše paseru paseru seљve frute frute foљe foљe frōse frōse keis kozfise kurtise
evre evre grēme gremje kodje kodje graſe graſe každe každe penę penę keſelu kabese keſese teste teste oreļe oreļe orejla nari
boke boke upe upe pevne pevne zwelni pēsa pēsa itčenje ētrenje iſpadwe iſpadwe awne alme figedu fiyedū lue lue istrele
istrele agwe agwe ſuve ſuve pedre pedre areje areje tere tere kelizēj nevwne nevwne treves trevej fumase fumase size size
vie vie iſtrade iſtrade kemiju mōtēje mōtēje die die enu enu ligwe ligwe seber metar beter kesar teđas pertis siperat keis
kezak keškar kevač kevar iſkevač iſkevar neđar neviyar kemijas kemijas žezer žezer keis epičtar epičtar levar levar
trever etar etar erder ayuđu emarelu emarelu dues dues eki ei e

a 0251 60
pa ŋsar ŋtsqaj am am hare:na sabl savjō bwaš taje parti ŋaze g̊ra kra grav mava t̊swa

0254 23
dənna dənə dəne spəzə əspəzə spəzə spəzəs pidişkko əp fəlli kəmfisi kərtisi ekəs skərdza əskərsə flı əs əsso əs əhe krəh
wəvo əw kəs kərno kərn kərn kəw kəde pləm əkej ərej əkkjo bək bəcə gəle əngule pitfəlo pəkəl fəjnəkkjo jırı kəllo kəlu
kəlu kəy dəsso kware kəs kor sow səl sol səlej sələ pəddəga səvalən pəlvar pə pə fwəko fək mənt nətətə jət zəvəna zəvəna
mən nən ənə nəf vəse məvədə mərdəre səfle kənetə kinəh kənəsi dəkməs məri əksis rəndži nəji vəle vəle təvədə təfifərərəsə
dəne fətə frətə kəle skəri: kəri kəri tə alkən pəkə pəkə grossə grəs grəs nəvənə nəvənə nəvənja bwənə bən sərdidu
sərdidu spərko spərk tarənt əpərə rəfəs rəbbəjə rəfəs kəmə kəm

24
0259
dənə dəqəmənə əspəzə mərit əspəs mərə parə tata nəmaje pasəre pədujkə sərpen abrə səmənsəmən səminfə fuław frunzə ərel rədəfəsinə əskorəsə skoartsə erbə jarbə konnə cəqadə plomə pəjnə panə pər fəvər kəbəl fəvə testə təqəstə urələ bokə bukə golə gurə kambə gambə pərnə zənu zənoy minə alə bentrə pəjnə əntrajə əspəllə inimə fedə lənə lənə əstəl ajywə apə pluzə peşərə pjatə ərenə arinə sorə terə tsarə newlə negurə tənebrəs fəqəfə qətsə sendə fənuşə biə fəmə kəmi muntajə dia ʌnəyŋwə limbə zə bewrə məjzə musəga musəgar musəvə əskupi rəspira riwrə bewrə səbət kunesə pənsə pəsa sənti fləjra temə biwrə nəgə məta batrə kəsa səya tələ təja fəndərə pərti səvəsə səpərə rawrə rəza rəska kəba nəda nəbəga fəmine kəmina vəniş bəni əstendərə zawrə zəfərə əsta ləve ʌyba əlsa tərsə kawrə kədəqə təniş təni iʃprəməs iʃprəmerə əspremə sərərə sərə əstrizir əstrizir əstərənə frəga frəsa ʌyba əstərzi əsuga tərewə əmperəzə zətə ʌynda kəntə əskorə korə zəle zəla gləsa kresə krəma ənsendərə əlgü altə amplə əspes pəti pətit əstret məny mənüt mərunut dəlikat rədo rətund əgut əprəp bəi destrə sənestə bərməd nevə kwtərə əlyə ən sə kə kə

12

femine eſā meſ per per bies pes pehō utſello uhe utſjel ſeſpā ſerpente ſjerpē veſ verme verm ſewva ſelvē ſelvē ſemenſe
ørel reſen hwes eſb erba erve jep resta ſeſſi pelle peli pe pjel ſeſ ſhe wes gres kwen kde plume pen pejø pen pene pel
kabæl dýve cavetſ ſove tet testa teste teſte ſes teste urela boce dente pjede pe pe pew permo perne perne perna pekol kwel
dwes ſen petto pet pwetrin øſtel ſtele ew pleſ re ſivjeſ meſ ſel pjeb pjeta ſeđre aren rene teſ terra teſa tera tjeræ nevwæ
nevwæ treves treveſ ſjel ſjelo ſew ſew ſel vento nevi nevi ſel dželo zeł gles ſendræ ſinise munte Aengwa lenge bewræ
ſaþe konetſ kuneſa dwesumi ſesi teji fendifere fendifere merdjeræ etb leve ſer spremere ſere øſtreŋa ſtrendži: treb trewra ampera
dʒete kreh kresi intſendere epe ipſepu ſaspes ſpe grwes grijef greve grevi bref breve brevi bref astret ſtret deſyadu fr̄et
pjeno pte plen novello nuvel novella vekkjo dret dret net nedžu nedžu net net net sek ſek ſek ſek pre ſpreſſo pre vehe
destro deſtru deſtru djeſtr sənests ſeſtru ſeſtru ſeſes veſmej bərmel veſ vert vert dgen emarelu emarelu neyræ tres ke kwe
en avek ε

ſ 025F jambe manja: java: sjava: 80

g 0261 64
 gra:num grē grano grano grēw̄ grēw̄ gra grin gran griw̄ gra:men grama grēme grame gram grame sangre sangwe sēgi sēgi
 sōg grēs grasa graſe graſe gref̄ gras gula gøl̄ gola gol̄ gøj gøle gur̄ ungula ūgl̄ ungja ūḡ ūngule ungje gamba
 gamba gamba gambā genikulum fegato figēdu agwe agwe age lago lago lagu ka:li:ginem negur̄ gelu: glas gjatſa glas gles
 glaſe geatsa fwego fogu lāg lengwa lingwa ligwe ligwe ūerjgwā ūlēnje ego: musēga musēgar su:gere sugaras sugaras kogno:skere
 ko:gita:re fra:gra:re fragrare nēga anegas annegare pugna:re segar segare segaras pungere naviga:re nabegar nēbega naviga:
 naviga mergere gyra:re stringere fregar fregare frēga iſfrigar ekstergere affugare eſfugar eſfuga impingere ligar legare
 lega xugar zogas zuga flugtwar gela:re glase gjatſjare gløsa glaſa: inglakia:re ingetsa gonfjare gōfle zglonfa: alguno awgū
 algū elgu magnus grandem gād̄ grande grande grēd̄i grēd̄i gran grā grant longus longo lōgu lōgu lung largus largo
 largu largu larga graso grasso graſu gras gras gurdus gordo grossus ḡro grōsso grosu grosu gr̄os gr̄o grwes gros
 grawis gājef̄ grabe greve gravi gravi grew grav grevi grew angustus angosto ingust dewgadu fri:gidus ēgut agy galbinus

Appendix 4 - Words containing each segment

galben nigrum negru negru negru

Y	0263	81
iγaðo fiγeðu aγwa ajγwə layu foγu musəya siγar səya naviyak neviyar iffriyar īfuyar xiya zuγar laryo delyaðu aγuðo aγuðo neγro neγre		

U	0265	62
fiγi plqi nuγi kqide tqe esqije		

i	0268	31
ifeti ipozre ipozu pejsi avi sirpēti vermi arvuri simēti səminfə kōrtisi kəsti peli karni səgi sindge pilu dēti minə pinteñfe istrelə flumi riw vint nevi mōti nojti nomi biñer minka ipsispirar ride kupiser timer siyar siperas naviyak neviyar iſtar iſtar livar sišar sišar epirtar epirtar strindje iffrigar iffriyar impindje kinta zilar zilar ingetsa krissər infindze grēdi gravi b̄revi īngust iſtrejtu strimt poðri xidödu virmejálu verdi verdi ki kind in si ki		

I	026A	78
na:ris isendʒiar		

ɛ	026B	59
sełve soł ȝeł alsar alsar kuła flama alğü al delyaðu kał płe		

n	0272	22
dopa nijo alimaja pepa pepe uja ure ure juγe papje entrapa ītrenje ētrepə əntrapə kamju kemiju mōtaj montaja montajna mōtēne mōtēne muntajə mōtaj montaje jöt apo ap mərza maji koñesər kupiser koñosi pupar pupa puji kemijak kemijar viji: t̄pi estrepis əstrepə əmperə opni maju viziju viziju señes siñestri		

J	027B	84
kosał		

f	027E	8
embra fembra muxer mułer mariðo maridu mariðu marit maðre marø paðre parø paxaro paseru paseru serpjente sirpēti sarpe vermi verm arþol arvor arvuri abrø par fruto frute frute frutj grano grēw grēw gra frōse frunzə kōrtisi korteña kurtise skoartsə flor flor floare jerba erve jarbə grama grēme gremə gram rista karne karni karne sangre grasa grafe grafe gref kwerno kornu pər orexa orekə orejə urelə narið naris neris gurə pjerna perne bjentre bentre entrapa ītrenje ētrepə əntrapə kor sqare estreja istrelə istrelə mar mar pjeðra pedre peðre peðra pjatř arena areje erejə ərenə sajþru sajþru t̄vres t̄vres t̄nebrəs t̄fer estrada istrade iftraðe djurno zorn xornada nombre beber biñer bewrə komer kumer morðer murðer moskar fuſar sugar kuþpis eskupir esputas respiras əspiras xispicas raspira reis xis riwə ride ber ver bewrə ois owvir saber seber konoðer kupiser kwidaz kuzitar pensar pēsar sentir sētis oler ulura sejras sejras fløjra temer timer tremes tremes timer dormir durmir bibis viver biwṛə morir muxer muri anegar matar mətar pupar batis beter batrə kaðas kesas puxar pusar segar siyar kortas kurtas taxas teñas dibidir diviðir ender fēder fendrə partis partis separas siperas səparas pūjis raer keer rawra rasas kezaz raskas kejkas kusas kabas kevar eskabas ifkevaras nadar neðar nabegar neviyar bolas vwar zbura kaminas kemijas andas īðas benis vir ekstender isteder astendre jaðer zezer zawrə ser ser sentar sētar sētar estar iſtar iſtar jebar livar alðar alsar tornas turnas xiraz ziraz zira torðer kaer keir keir tumbar töbar dar dar donar duar tener ter ekspremir əspremə sərar ðerar sišar sišar apretar epirtar epirtar estrepis əstrepə fregar fr̄ga iffrigar iffriyar frotar fr̄isar fr̄esa laðar levar levar estarsis īfugur īfugur limpjär lipar lipar tiras fira tiras tira traže t̄rezer t̄rezer eſtar zejtaz zejtaz lanðas lēsar legar atar etar etar koser kuzer kuzer kontas kōtar numera deðir dizer dizer kantar kētar kētar ludir xugar zuyar flugtwar flutuar fluir fluir kolar kuar eskuris ifkurer skurdə korer kuzer kurðə elar zilar zilar infar ifar ifar entumeðer itumeser kreðer kresež krisser kreða krefta kemar kejmare arder erder arde enðender isendʒiar isedžiar ənsendra otro owtru owtru altrø grande grēdi grēdi mare laryo largu lark graso graſu gras gordo grosu groſ gro grabe gravi gravi grew grew lerdo lerdo lerdo korto kurtu kurt brebe brevi brevi brew estreſo istrejtu iſtrejtu əstret frio friu friu fret poðriðo puðrit poðre podri poðri sordido sordido ispurku ispurku ȝirejtu direjtu dret proximo prosimu prosimu proizme əpr̄op ðerka djestro destru destru sinjestro seſtru seſtru roſu bermexo virmejálu berde verdi verdi vert verde amarijo emarelu emarelu neyro negru negru neyrə negru prjeto pretu pretu tres tres tres kwatru kwatru kwatru kwatru		

R	0280	75
ɔrej sərar ifkurer fr̄o		

Appendix 4 - Words containing each segment

Appendix 4 - Words containing each segment

þ	03B2	58
arþol kaþelu kaþeþa keþese sajþru sajþru biþer səþe laþar nweþo noþiþo nuþeþo		
θ	03B8	44
peθ raiθ korteþa kaþeþa nariθ peþioþo panθa θjelo θeniθa konoþer kaþar jaþer alþar torþer θeraþ lanθar deθir entumeθer kreþer enþender reþjente beþino θerka θinko		
ě	1EBD	57
seþpěþi sirpěþi sjerpě seměþi siměþi siměþ děþi děti ětrepě větu větu pěsaþ pěsar sěþiþ sětir fědeþ fěder istědeþ iſtědeþ sětar ěsugar ěſuyar ěfle iſedjar zesěþi zesěþi		

Appendix 5 - Word Lists by Language

Latin

Cognate	IPA	Sounds
Woman-Primary	fe:mina	f-ai-m-e-n-ah
Woman-Mulier	mulierem	m-u-l-e-ay-r-ay-m
Woman-Domina	domina	d-oh-m-e-n-ah
Child-Primary	infantem	e-n-f-ah-n-t-ay-m
Wife-Primary	sponsa	s-p-oh-n-s-ah
Husband-Primary	mari:tus	m-ah-r-E-t-u-s
Husband-Sponsus	sponsus	s-p-oh-n-s-u-s
Husband-Socius	sokius	s-oh-k-e-u-s
Mother-Primary	ma:trem	m-A-t-r-ay-m
Father-Primary	patrem	p-ah-t-r-ay-m
Father-Tata	tata	t-ah-t-ah
Animal-Primary	anima:lia	ah-n-e-m-A-l-e-ah
Animal-Bestia	be:stia	b-ai-s-t-e-ah
Fish-Piskem	piskem	p-e-s-k-ay-m
Bird-Avem	awem	ah-w-ay-m
Bird-Aucellus	aukellus	au-k-ay-l-l-u-s
Bird-Passerem	passerem	p-ah-s-s-ay-r-ay-m
Dog-Primary	kanem	k-ah-n-ay-m
Louse-Primary	pe:dukulus	p-ai-d-u-k-u-l-u-s
Snake-Primary	serpentem	s-ay-r-p-ay-n-t-ay-m
Worm-Primary	wermem	w-ay-r-m-ay-m
Tree-Primary	arborem	ah-r-b-oh-r-ay-m
Forest-Primary	silwa	s-e-l-w-ah
Stick-Primary	pa:lus	p-A-l-u-s
Fruit-Primary	fru:ktus	f-r-U-k-t-u-s
Seed-Primary	se:men	s-ai-m-ay-n
Seed-Sementia	se:mentia	s-ai-m-ay-n-t-e-ah
Seed-Granum	gra:num	g-r-A-n-u-m
Leaf-Primary	folia	f-oh-l-e-ah
Leaf-Frondea	frondea	f-r-oh-n-d-ay-ah
Root-Primary	ra:di:kem	r-A-d-E-k-ay-m
Root-Radicina	ra:di:ki:na	r-A-d-E-k-E-n-ah
BarkOfATree-Primary	kortikem	k-oh-r-t-e-k-ay-m
BarkOfATree-Corticea	kortikea	k-oh-r-t-e-k-ay-ah
BarkOfATree-Scoreta	skortea	s-k-oh-r-t-ay-ah
Flower-Primary	flo:rem	f-l-O-r-ay-m
Grass-Primary	herba	h-ay-r-b-ah
Grass-Gramen	gra:men	g-r-A-m-ay-n
Rope-Primary	fu:nem	f-U-n-ay-m
Rope-Restis	restem	r-ay-s-t-ay-m
Skin-Pellis	pellem	p-ay-l-l-ay-m
Meat-Primary	karnem	k-ah-r-n-ay-m
Blood-Primary	sang:winem	s-ah-n-gw-e-n-ay-m
Bone-Primary	ossum	oh-s-s-u-m
FatNoun-Primary	adipem	ah-d-e-p-ay-m
Egg-Primary	o:wum	O-w-u-m
Horn-Primary	kornu:	k-oh-r-n-U
Horn-Cornua	kornua	k-oh-r-n-u-ah
Tail-Primary	kauda	k-au-d-ah
Feather-Primary	plu:ma	p-l-U-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair-Primary	pilus	p-e-l-u-s
Hair-Capillus	kapillus	k-ah-p-e-l-l-u-s
Head-Primary	kapitia	k-ah-p-e-t-e-ah
Head-Capitium	kapitium	k-ah-p-e-t-e-u-m
Head-Testa	testa	t-ay-s-t-ah
Ear-Primary	aurikula	au-r-e-k-u-l-ah
Eye-Primary	okulus	oh-k-u-l-u-s
Nose-Primary	na:sus	n-A-s-u-s

Appendix 5 - Word Lists by Language

Mouth-Primary	bukka	b-u-k-k-ah
Mouth-Gula	gula	g-u-l-ah
Tooth-Primary	dentem	d-ay-n-t-ay-m
Fingernail-Primary	ungula	u-n-g-u-l-ah
Foot-Primary	pedem	p-ay-d-ay-m
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	perna	p-ay-r-n-ah
Leg-Petiolus	petiolus	p-ay-t-e-oh-l-u-s
Knee-Genuculum	genikulum	g-ay-n-e-k-u-l-u-m
Hand-Primary	manum	m-ah-n-u-m
Wing-Primary	a:la	A-l-ah
Belly-Primary	wentrem	w-ay-n-t-r-ay-m
Belly-Pantex	pantikem	p-ah-n-t-e-k-ay-m
Guts-Primary	intera:nea	e-n-t-ay-r-A-n-ay-ah
Neck-Primary	kollum	k-oh-l-l-u-m
Back-Primary	dorsum	d-oh-r-s-u-m
Back-Spatula	spatula	s-p-ah-t-u-l-ah
Breast-Primary	sinus	s-e-n-u-s
Breast-Pectus	pektus	p-ay-k-t-u-s
Heart-Primary	kor	k-oh-r
Heart-Anima	anima	ah-n-e-m-ah
Liver-Primary	fi:ka:tum	f-E-k-A-t-u-m
Sun-Primary	so:lem	s-O-l-ay-m
Sun-Soliculus	so:likulus	s-O-l-e-k-u-l-u-s
Moon-Primary	lu:na	l-U-n-ah
Star-Primary	ste:lla	s-t-ai-l-l-ah
Water-Primary	akʷa	ah-kw-ah
Rain-Primary	pluwia	p-l-u-w-e-ah
River-Primary	flu:men	f-l-U-m-ay-n
River-Rivus	ri:wus	r-E-w-u-s
River-Riparia	ri:pa:ria	r-E-p-A-r-e-ah
Lake-Primary	lakus	l-ah-k-u-s
Sea-Primary	mare	m-ah-r-ay
Salt-Primary	salem	s-ah-l-ay-m
Stone-Primary	saksum	s-ah-k-s-u-m
Stone-Petra	petra	p-ay-t-r-ah
Stone-Lapidem	lapidem	l-ah-p-e-d-ay-m
Sand-Primary	hare:na	h-ah-r-ai-n-a
Sand-Sabulum	sabulum	s-ah-b-u-l-u-m
Sand-Sabulo	sabulo:nem	s-ah-b-u-l-O-n-ay-m
Dust-Primary	pulwerem	p-u-l-w-ay-r-ay-m
Dust-Pulwus	pulwus	p-u-l-w-u-s
Earth-Primary	terra	t-ay-r-r-ah
Cloud-Primary	nu:be:s	n-U-b-ai-s
Cloud-Nubilus	nu:bilus	n-U-b-e-l-u-s
Fog-Primary	ka:li:ginem	k-A-l-E-g-e-n-ay-m
Fog-Nebula	nebula	n-ay-b-u-l-ah
Fog-Tenebras	tene:bra:s	t-ay-n-ai-b-r-A-s
Fog-Fumata	fu:ma:ta	f-U-m-A-t-ah
Fog-Caecia	kajkia	k-aj-k-e-ah
Sky-Primary	kajlum	k-aj-l-u-m
Wind-Primary	wentum	w-ay-n-t-u-m
Snow-Primary	niwem	n-e-w-ay-m
Ice-Primary	gelu:	g-ay-l-U
Smoke-Primary	fu:mus	f-U-m-u-s
Fire-Focus	fokum	f-oh-k-u-m
Ash-Primary	kinerem	k-e-n-ay-r-ay-m
Road-Primary	wia	w-e-ah
Road-Strata	stra:ta	s-t-r-A-t-ah
Road-Camminus	kammi:nus	k-ah-m-m-E-n-u-s
Mountain-Primary	montem	m-oh-n-t-ay-m
Mountain-Montanea	monta:nea	m-oh-n-t-A-n-ay-ah
Night-Primary	noctem	n-oh-tya-t-ay-m

Appendix 5 - Word Lists by Language

Day-Primary	die:s	d-e-ai-s
Day-Diurnus	diurnum	d-e-u-r-n-u-m
Day-Diurnata	diurna:ta	d-e-u-r-n-A-t-ah
Year-Primary	annum	ah-n-n-u-m
Name-Nomen	no:men	n-O-m-ay-n
Name-Nominem	no:minem	n-O-m-e-n-ay-m
Tongue-Primary	lingʷa	l-e-n-gw-ah
I-Primary	ego:	ay-g-O
We-Primary	no:s	n-O-s
YouPlural-Primary	wo:s	w-O-s
YouSingular-Primary	tu:	t-U
ToDrink-Primary	bibere	b-e-b-ay-r-ay
ToEat-Primary	komedere	k-oh-m-ay-d-ay-r-ay
ToEat-Manducare	manduka:re	m-ah-n-d-u-k-A-r-ay
ToBite-Primary	morde:re	m-oh-r-d-ai-r-ay
ToBite-Morsicare	morsika:re	m-oh-r-s-e-k-A-r-ay
ToSuck-Sugere	su:gere	s-U-g-ay-r-ay
ToSpit-Primary	konspuere	k-oh-n-s-p-u-ay-r-ay
ToSpit-Sputare	sputa:re	s-p-u-t-A-r-ay
ToBlow-Primary	suffla:re	s-u-f-l-A-r-ay
ToBreathe-Primary	respi:ra:re	r-ay-s-p-E-r-A-r-ay
ToLaugh-Primary	ri:de:re	r-E-d-ai-r-ay
ToSee-Primary	wide:re	w-e-d-ai-r-ay
ToHear-Primary	audi:re	au-d-E-r-ay
ToKnow-Primary	ski:re	s-k-E-r-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	kogno:skere	k-oh-g-n-O-s-k-ay-r-ay
ToThink-Primary	ko:gita:re	k-O-g-e-t-A-r-ay
ToThink-Pensare	pensa:re	p-ay-n-s-A-r-ay
ToSmell-Sentire	senti:re	s-ay-n-t-E-r-ay
ToSmell-Olere	ole:re	oh-l-ai-r-ay
ToSmell-Fragrare	fra:gra:re	f-r-A-g-r-A-r-ay
ToFear-Primary	time:re	t-e-m-ai-r-ay
ToFear-Tremere	tremere	t-r-ay-m-ay-r-ay
ToSleep-Primary	dormi:re	d-oh-r-m-E-r-ay
ToLive-Primary	wi:were	w-E-w-ay-r-ay
ToKill-Primary	neka:re	n-ay-k-A-r-ay
ToKill-Tutari	tu:ta:ri	t-U-t-A-r-e
ToKill-Mactare	makta:re	m-ah-k-t-A-r-ay
ToKill-Occidere	okki:dere	oh-k-k-E-d-ay-r-ay
ToFight-Primary	pugna:re	p-u-g-n-A-r-ay
ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay
ToHunt-Captiare	kaptia:re	k-ah-p-t-e-A-r-ay
ToHit-Primary	pulsa:re	p-u-l-s-A-r-ay
ToCut-Primary	seka:re	s-ay-k-A-r-ay
ToCut-Curtare	kurta:re	k-u-r-t-A-r-ay
ToCut-Excurtare	ekskurta:re	ay-k-s-k-u-r-t-A-r-ay
ToCut-Taliare	talia:re	t-ah-l-e-A-r-ay
ToSplit-Primary	di:widere	d-E-w-e-d-ay-r-ay
ToSplit-Findere	findere	f-e-n-d-ay-r-ay
ToSplit-Partire	parti:re	p-ah-r-t-E-r-ay
ToSplit-Separare	se:para:re	s-ai-p-ah-r-A-r-ay
ToStab-Primary	pungere	p-u-n-g-ay-r-ay
ToScratch-Primary	ra:dere	r-A-d-ay-r-ay
ToDig-Primary	fodere	f-oh-d-ay-r-ay
ToDig-Cavare	kawa:re	k-ah-w-A-r-ay
ToDig-Excavare	ekskawa:re	ay-k-s-k-ah-w-A-r-ay
ToSwim-Primary	nata:re	n-ah-t-A-r-ay
ToSwim-Navigare	naviga:re	n-ah-v-e-g-A-r-ay
ToFly-Primary	wola:re	w-oh-l-A-r-ay
ToWalk-Mergere	mergere	m-ay-r-g-ay-r-ay
ToWalk-Ambitare	ambita:re	ah-m-b-e-t-A-r-ay
ToCome-Primary	weni:re	w-ay-n-E-r-ay

Appendix 5 - Word Lists by Language

ToLieAsInABed-Primary	ekstendere	ay-k-s-t-ay-n-d-ay-r-ay
ToLieAsInABed-Iacere	jake:re	jg-ah-k-ai-r-ay
ToSit-Primary	sede:re	s-ay-d-ai-r-ay
ToSit-Sedentare	sedenta:re	s-ay-d-ay-n-t-A-r-ay
ToStand-Primary	sta:re	s-t-A-r-ay
ToStand-Levare	leva:re	l-ay-v-A-r-ay
ToTurnIntransitive-Primary	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrare	gyra:re	g-ech-r-A-r-ay
ToTurnIntransitive-Torquere	tork ^w e:re	t-oh-r-kw-ai-r-ay
ToFall-Primary	kadere	k-ah-d-ay-r-ay
ToGive-Primary	dare	d-ah-r-ay
ToGive-Donare	dona:re	d-oh-n-A-r-ay
ToHold-Primary	tene:re	t-ay-n-ai-r-ay
ToSqueeze-Primary	eksprimere	ay-k-s-p-r-e-m-ay-r-ay
ToSqueeze-Serrere	serrere	s-ay-r-r-ay-r-ay
ToSqueeze-Serare	serare	s-ay-r-ah-r-ay
ToSqueeze-Appectorare	appektora:re	ah-p-p-ay-k-t-oh-r-A-r-ay
ToSqueeze-Stringere	stringere	s-t-r-e-n-g-ay-r-ay
ToRub-Primary	frika:re	f-r-e-k-A-r-ay
ToRub-Frictare	frikta:re	f-r-e-k-t-A-r-ay
ToWash-Primary	lawa:re	l-ah-w-A-r-ay
ToWipe-Extergere	ekstergere	ay-k-s-t-ay-r-g-ay-r-ay
ToWipe-Exsucare	eksu:ka:re	ay-k-s-U-k-A-r-ay
ToWipe-Limpidare	limpida:re	l-e-m-p-e-d-A-r-ay
ToPull-Primary	tira:re	t-e-r-A-r-ay
ToPull-Trahere	trahere	t-r-ah-h-ay-r-ay
ToPush-Primary	impingere	e-m-p-e-n-g-ay-r-ay
ToThrow-Primary	jakta:re	jg-ah-k-t-A-r-ay
ToThrow-Lanceare	lankea:re	l-ah-n-k-ay-A-r-ay
ToTie-Primary	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay
ToSew-Primary	ko:nsuere	k-O-n-s-u-ay-r-ay
ToCount-Primary	komputa:re	k-oh-m-p-u-t-A-r-ay
ToCount-Numerare	numera:re	n-u-m-ay-r-A-r-ay
ToSay-Primary	di:kere	d-E-k-ay-r-ay
ToSay-Exponere	ekspo:nere	ay-k-s-p-O-n-ay-r-ay
ToSing-Primary	kanta:re	k-ah-n-t-A-r-ay
ToPlay-Ludere	lu:dere	l-U-d-ay-r-ay
ToPlay-Jiocare	joka:re	jg-oh-k-A-r-ay
ToFloat-Primary	flu:ktua:re	f-l-U-k-t-u-A-r-ay
ToFlow-Primary	fluere	f-l-u-ay-r-ay
ToFlow-Colare	ko:la:re	k-O-l-A-r-ay
ToFlow-Excurrere	ekskurrere	ay-k-s-k-u-r-r-ay-r-ay
ToFlow-Currere	kurrere	k-u-r-r-ay-r-ay
ToFreeze-Primary	gela:re	g-ay-l-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-r-ay
ToSwell-Primary	infla:re	e-n-f-l-A-r-ay
ToSwell-Conflare	konfla:re	k-oh-n-f-l-A-r-ay
ToSwell-Intumescere	intume:skere	e-n-t-u-m-ai-s-k-ay-r-ay
ToSwell-Crescere	kre:skere	k-r-ai-s-k-ay-r-ay
ToBurn-Cremare	krema:re	k-r-ay-m-A-r-ay
ToBurn-Flammare	flamma:re	f-l-ah-m-m-A-r-ay
ToBurn-Ardere	arde:re	ah-r-d-ai-r-ay
ToBurn-Incendere	inkendere	e-n-k-ay-n-d-ay-r-ay
ToBurn-Ustulare	ustula:re	u-s-t-u-l-A-r-ay
All-Primary	omnis	oh-m-n-e-s
All-Totus	to:tus	t-O-t-u-s
Many-Primary	multus	m-u-l-t-u-s
Many-Tantus	tantus	t-ah-n-t-u-s
Few-Primary	pau ^g kus	p-au-k-u-s
Other-Primary	alter	ah-l-t-ay-r
Other-Alius	alius	ah-l-e-u-s
Big-Primary	magnus	m-ah-g-n-u-s

Appendix 5 - Word Lists by Language

Big-Grandem	grandem	g-r-ah-n-d-ay-m
Big-Majorem	majo:rem	m-aj-jg-O-r-ay-m
Long-Longum	longus	l-oh-n-g-u-s
Long-Largum	largus	l-ah-r-g-u-s
Wide-Primary	la:tus	l-A-t-u-s
Wide-Amplum	amplus	ah-m-p-l-u-s
Thick-Primary	krassus	k-r-ah-s-s-u-s
Thick-Spissum	spissus	s-p-e-s-s-u-s
Thick-Gurdum	gurdus	g-u-r-d-u-s
Thick-Grossus	grossus	g-r-oh-s-s-u-s
Heavy-Primary	grawis	g-r-ah-w-e-s
Heavy-Lurdus	lurdus	l-u-r-d-u-s
Small-Primary	pittitus	p-e-t-t-e-t-u-s
Small-Pitulus	pitulus	p-e-t-u-l-u-s
Short-Primary	kurtus	k-u-r-t-u-s
Short-Brevis	brewis	b-r-ay-w-e-s
Narrow-Primary	angustus	ah-n-g-u-s-t-u-s
Narrow-Strictus	striktus	s-t-r-e-k-t-u-s
Thin-Primary	minu:tus	m-e-n-U-t-u-s
Thin-Delicatus	de:lika:tus	d-ai-l-e-k-A-t-u-s
Thin-Subtilis	subti:lem	s-u-b-t-E-l-ay-m
Warm-Primary	kalidus	k-ah-l-e-d-u-s
Cold-Primary	fri:gidus	f-r-E-g-e-d-u-s
Cold-Recens	rekentem	r-ay-k-ay-n-t-ay-m
Full-Primary	ple:nus	p-l-ai-n-u-s
New-Primary	nowus	n-oh-w-u-s
New-Novellus	nowellus	n-oh-w-ay-l-l-u-s
New-Novella	nowella	n-oh-w-ay-l-l-ah
Old-Primary	wetulus	w-ay-t-u-l-u-s
Good-Primary	bonus	b-oh-n-u-s
Bad-Primary	malus	m-ah-l-u-s
Rotten-Primary	putridus	p-u-t-r-e-d-u-s
Rotten-Putrem	putrem	p-u-t-r-ay-m
Dirty-Primary	sordidus	s-oh-r-d-e-d-u-s
Dirty-Spurcus	spurcus	s-p-u-r-tya-u-s
Straight-Primary	di:re:ktus	d-E-r-ai-k-t-u-s
Round-Primary	rotundus	r-oh-t-u-n-d-u-s
SharpAsAKnife-Primary	aku:tus	ah-k-U-t-u-s
Smooth-Primary	sua:wem	s-u-A-w-ay-m
Smooth-Nitidus	nitidus	n-e-t-e-d-u-s
Wet-Primary	u:midus	U-m-e-d-u-s
Wet-Udus	u:dus	U-d-u-s
Dry-Primary	sikkus	s-e-k-k-u-s
Near-Primary	proksimus	p-r-oh-k-s-e-m-u-s
Near-AdPrope	adpropre	ah-d-p-r-oh-p-r-ay
Near-Pressus	pressus	p-r-ay-s-s-u-s
Near-Vicinus	wi:ki:nus	w-E-k-E-n-u-s
Near-Circa	kirka	k-e-r-k-ah
Right-Dextrem	dekstrum	d-ay-k-s-t-r-u-m
Left-Primary	sinistrum	s-e-n-e-s-t-r-u-m
Red-Primary	russus	r-u-s-s-u-s
Red-Vermiculus	vermikulus	v-ay-r-m-e-k-u-l-u-s
Red-Rubeus	rubeus	r-u-b-ay-u-s
Green-Primary	wiridem	w-e-r-e-d-ay-m
Yellow-Primary	galbinus	g-ah-l-b-e-n-u-s
Yellow-Amarellus	amarellus	ah-m-ah-r-ay-l-l-u-s
White-Primary	albus	ah-l-b-u-s
Black-Primary	nigrum	n-e-g-r-u-m
One-Primary	u:nus	U-n-u-s
Two-Duos	duo:s	d-u-O-s
Two-Duae	duaj	d-u-aj
Two-Duas	duas	d-u-ah-s
Three-Primary	tre:s	t-r-ai-s

Appendix 5 - Word Lists by Language

Four-Primary	kʷattwor	kw-ah-t-t-w-oh-r
Five-Primary	kʷi:nkʷe	kw-E-n-kw-ay
Here-Primary	ekkumhi:k	ay-k-k-u-m-h-E-k
There-Primary	illa:k	e-l-l-A-k
There-Ibi	ibi:	e-b-E
Who-Qui	kʷis	kw-e-s
Who-Quem	kʷem	kw-ay-m
What-Primary	kʷid	kw-e-d
When-Quando	kʷando:	kw-ah-n-d-O
How-Quomodo	kʷo:modo	kw-O-m-oh-d-oh
Not-Primary	no:n	n-O-n
Not-Nec	nek	n-ay-k
At-Primary	ad	ah-d
In-In	in	e-n
In-Deintus	deintus	d-ay-e-n-t-u-s
With-Cum	kum	k-u-m
With-Abhoc	abhoc	ah-b-h-oh-tya
And-Et	et	ay-t
And-Si	si:k	s-E-k
If-Primary	si:	s-E
Because-Quod	kʷod	kw-oh-d

French

Cognate	IPA	Sounds
Woman-Primary	fam	f-ah-m
Woman-Domina	dam	d-ah-m
Child-Primary	ãfã	NasalA-f-NasalA
Wife-Primary	epuz	ay-p-u-zz
Husband-Primary	mãví	m-ah-rr-e
Husband-Sponsus	epu	ay-p-u
Mother-Primary	mẽv	m-eh-rr
Father-Primary	pẽv	p-eh-rr
Animal-Primary	omaj	oh-m-ah-jg
Fish-Pescion	pwasõ	p-w-ah-s-oon
Bird-Aucellus	wazo	w-ah-zz-oh
Dog-Primary	j̥e	shh-jg-ehnn
Louse-Primary	pu	p-u
Snake-Primary	seɪpã	s-eh-rr-p-NasalA
Worm-Primary	vẽv	v-eh-rr
Tree-Primary	aɪbɪ	ah-rr-b-rr
Fruit-Primary	f̥uqi	f-rr-eu-e
Seed-Sementia	səmãs	s-aah-m-NasalA-s
Seed-Granum	g̥r̥e	g-rr-ehnn
Leaf-Primary	fœj	f-uuuh-jg
Root-Radicina	ɪasin	rr-ah-s-e-n
BarkOfATree-Scoreta	ekɔ̃s	ay-k-euh-rr-s
Flower-Primary	flore	f-l-uuuh-rr
Grass-Primary	ɛrb	eh-rr-b
Skin-Primary	kwan	k-w-ah-n
Skin-Pellis	po	p-oh
Meat-Primary	ʃ̥eɪ	shh-eh-rr
Blood-Primary	sã	s-NasalA
Bone-Primary	ɔs	euh-s
FatNoun-Crassia	g̥kes	g-rr-eh-s
Egg-Primary	œf	uuuh-f
Horn-Primary	kɔ̃s	k-euh-rr
Horn-Cornua	kɔ̃gn	k-euh-rr-n
Tail-Primary	kø	k-uu
Feather-Primary	plym	p-l-eech-m
Feather-Penna	pen	p-eh-n
Hair-Primary	pwal	p-w-ah-l

Appendix 5 - Word Lists by Language

Hair-Capillus	ʃøvø	shh-aah-v-uu
Head-Capitium	ʃøve	shh-aah-v-eh
Head-Testa	tøt	t-eh-t
Ear-Primary	ørøj	euh-rr-ayj
Eye-Primary	œj	uuh-jg
Nose-Primary	ne	n-ay
Mouth-Primary	bøf	b-u-shh
Mouth-Gula	gœl	g-uhh-l
Tooth-Primary	dã	d-NasalA
Fingernail-Primary	ɔgl	oon-g-l
Foot-Primary	pjø	p-jg-ay
Leg-Gamba	ʒab	gzah-NasalA-b
Knee-Genuculum	ʒənu	gzah-aah-n-u
Hand-Primary	mɛ	m-ehnn
Wing-Primary	el	ay-l
Belly-Primary	vøtr	v-NasalA-t-rr
Belly-Pantex	pøs	p-NasalA-s
Guts-Primary	atvøj	NasalA-t-rr-a-jg
Neck-Primary	ku	k-u
Back-Primary	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast-Primary	sø	s-ehnn
Breast-Pectus	pi	p-e
Breast-Pectorina	pwatøin	p-w-ah-t-rr-e-n
Heart-Primary	kœø	k-uhh-rr
Heart-Anima	am	a-m
Liver-Primary	fwa	f-w-ah
Sun-Soliculus	sølej	s-euh-l-ehj
Moon-Primary	lyn	l-eeh-n
Star-Primary	etwal	ay-t-w-ah-l
Water-Primary	o	oh
Rain-Primary	plqi	p-l-eu-e
River-Rivus	ry	rr-eeh
River-Riparia	kivjøø	rr-e-v-jg-eh-rr
Sea-Primary	møø	m-eh-rr
Salt-Primary	sel	s-eh-l
Stone-Petra	pjøø	p-jg-eh-rr
Sand-Sabulo	sabl	s-a-b-l
Dust-Primary	pudø	p-u-d-rr
Earth-Primary	teø	t-eh-rr
Cloud-Primary	ny	n-eeh
Fog-Fumata	fyme	f-eeh-m-ay
Sky-Primary	sjøl	s-jg-eh-l
Wind-Primary	vã	v-NasalA
Ice-Primary	zøl	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fø	f-uu
Ash-Primary	sødø	s-NasalA-d-rr
Road-Primary	vwa	v-w-ah
Road-Camminus	ʃømø	shh-aah-m-ehnn
Mountain-Primary	mø	m-oon
Mountain-Montanea	møtøj	m-oon-t-ah-VdPalatalNasal
Night-Primary	nøj	n-eu-e
Day-Diurnus	ʒuø	gzah-u-rr
Day-Diurnata	ʒuøne	gzah-u-rr-n-ay
Year-Primary	ɑ	NasalA
Name-Nomen	nø	n-oon
Tongue-Primary	løg	l-NasalA-g
I-Primary	ʒø	gzah-aah
We-Primary	nu	n-u
YouPlural-Primary	vu	v-u
YouSingular-Primary	ty	t-eeh
ToDrink-Primary	bwøø	b-w-a-rr

Appendix 5 - Word Lists by Language

ToEat-Manducare	māže	m-NasalA-gzah-ay
ToBite-Primary	mɔɪdks	m-euh-rr-d-rr
ToSuck-Primary	syse	s-eeh-s-ay
ToBlow-Primary	sufle	s-u-f-l-ay
ToLaugh-Primary	kiš	rr-e-rr
ToSee-Primary	vwaš	v-w-ah-rr
ToHear-Primary	uiš	u-e-rr
ToKnow-Sapere	savwaš	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kōnetš	k-euh-n-eh-t-rr
ToThink-Primary	kuide	k-eu-e-d-ay
ToThink-Pensare	pāše	p-NasalA-s-ay
ToSmell-Sentire	satiš	s-NasalA-t-e-rr
ToSmell-Fragrare	fleše	f-l-ay-rr-ay
ToFear-Tremere	kžēdš	k-rr-ehnn-d-rr
ToSleep-Primary	dōkmiš	d-euh-rr-m-e-rr
ToLive-Primary	vivš	v-e-v-rr
ToDie-Primary	mukš	m-u-rr-e-rr
ToKill-Primary	nwaje	n-w-aj-ay
ToKill-Tutari	tüe	t-eu-ay
ToKill-Occidere	oksíš	euh-k-s-e-rr
ToFight-Battuere	batš	b-ah-t-rr
ToHunt-Captiare	ſase	shh-ah-s-ay
ToHit-Primary	puse	p-u-s-ay
ToCut-Primary	sje	s-jg-ay
ToCut-Taliare	taje	t-a-jg-ay
ToSplit-Findere	fādš	f-NasalA-d-rr
ToSplit-Partire	paštš	p-ah-rr-t-e-rr
ToSplit-Separare	səvše	s-aah-v-rr-ay
ToStab-Primary	pwēdš	p-w-ehnn-d-rr
ToScratch-Rasare	kaže	rr-a-zz-ay
ToDig-Primary	fwis	f-w-e-rr
ToSwim-Navigare	nažę	n-ah-gzah-ay
ToFly-Primary	völe	v-euh-l-ay
ToWalk-Primary	ſəmine	shh-aah-m-e-n-ay
ToCome-Primary	vəniš	v-aah-n-e-rr
ToLieAsInABed-Primary	etădš	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	žezíš	gzah-ay-zz-e-rr
ToSit-Primary	swaš	s-w-ah-rr
ToStand-Primary	etš	eh-t-rr
ToStand-Levare	ləve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive-Primary	tubne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	žiše	gzah-e-rr-ay
ToTurnIntransitive-Torquere	tɔksš	t-euh-rr-d-rr
ToFall-Primary	jwäs	shh-w-ah-rr
ToFall-Tumbare	tōbe	t-oon-b-ay
ToGive-Donare	dōne	d-euh-n-ay
ToHold-Primary	təniš	t-aah-n-e-rr
ToSqueeze-Primary	epřeđš	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	seše	s-ay-rr-ay
ToSqueeze-Stringere	etřeđš	ay-t-rr-ehnn-d-rr
ToRub-Primary	fřeje	f-rr-ehj-ay
ToRub-Frictare	fřote	f-rr-euh-t-ay
ToWash-Primary	lave	l-ah-v-ay
ToWipe-Exsucare	esqije	ay-s-eu-e-jg-ay
ToPull-Primary	tise	t-e-rr-ay
ToPull-Trahere	tšekš	t-rr-eh-rr
ToThrow-Primary	žate	gzah-aah-t-ay
ToThrow-Lanceare	läse	l-NasalA-s-ay
ToTie-Primary	lje	l-jg-ay
ToSew-Primary	kudš	k-u-d-rr
ToCount-Primary	kőte	k-oon-t-ay
ToCount-Numerare	nōbke	n-oon-b-rr-ay

Appendix 5 - Word Lists by Language

ToSay-Primary	dɪs	d-e-rr
ToSing-Primary	fātē	shh-NasalA-t-ay
ToPlay-Jiocare	ʒwe	gzah-w-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kukɪs	k-u-rr-e-rr
ToFreeze-Primary	ʒole	gzah-ahh-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell-Primary	afle	NasalA-f-l-ay
ToSwell-Crescere	k̄wawat̄s	k-rr-w-ah-t-rr
ToBurn-Flammare	flame	f-l-ah-m-ay
ToBurn-Ardere	aðd̄s	ah-rr-d-rr
All-Totus	tu	t-u
Many-Primary	mu	m-u
Some-Primary	ok̄e	oh-k-uuhn
Few-Primary	pø	p-uu
Other-Primary	ot̄s	oh-t-rr
Big-Grandem	ḡz̄a	g-rr-NasalA
Long-Longum	l̄s	l-oon
Long-Largum	laʒ̄	l-ah-rr-gzah
Wide-Primary	le	l-ay
Wide-Amplum	apl	NasalA-p-l
Thick-Primary	ḡza	g-rr-a
Thick-Spissum	epe	ay-p-eh
Thick-Grossus	ḡzo	g-rr-oh
Heavy-Primary	gr̄ijef	g-rr-e-jg-eh-f
Heavy-Lurdus	luʂ	l-u-rr
Small-Primary	p̄eti	p-aah-t-e
Short-Primary	kuʂ	k-u-rr
Short-Brevis	b̄kef	b-rr-eh-f
Narrow-Strictus	et̄swa	ay-t-rr-w-ah
Thin-Primary	məny	m-aah-n-eeh
Thin-Delicatus	duʒ	d-u-gzah
Warm-Primary	ʃo	shh-oh
Cold-Primary	f̄swa	f-rr-w-ah
Full-Primary	p̄l̄e	p-l-ehnn
New-Primary	nœf	n-uuh-f
New-Novellus	nuvo	n-u-v-oh
New-Novella	nuvel	n-u-v-eh-l
Old-Primary	vjø	v-jg-uu
Good-Primary	bɔ	b-oon
Bad-Primary	mal	m-ah-l
Straight-Primary	d̄gwa	d-rr-w-ah
Round-Primary	ɪɔ	rr-oon
Smooth-Nitidus	nɛt	n-eh-t
Dry-Primary	sek	s-eh-k
Near-Pressus	p̄se	p-rr-eh
Near-Vicinus	vwaz̄e	v-w-ah-zz-ehnn
Far-Primary	lw̄t̄e	l-w-ehnn-t-ehnn
Left-Primary	sənest̄s	s-aah-n-eh-s-t-rr
Red-Primary	ku	rr-u
Red-Vermiculus	v̄eŋmej	v-eh-rr-m-ehj
Red-Rubeus	kuʒ	rr-u-gzah
Green-Primary	v̄eŋ	v-eh-rr
Yellow-Primary	ʒon	gzah-oh-n
Black-Primary	nwaʂ	n-w-ah-rr
One-Primary	œ	uuhn
Two-Duos	dø	d-uu
Three-Primary	t̄swa	t-rr-w-a
Four-Primary	kat̄s	k-ah-t-rr
Five-Primary	s̄k	s-ehnn-k
There-Primary	la	l-ah
Who-Qui	ki	k-e
What-Primary	kwa	k-w-ah

Appendix 5 - Word Lists by Language

When-Quando	kā	k-NasalA
How-Quomodo	kōmā	k-euh-m-NasalA
Not-Primary	nō	n-oon
Not-Nec	ni	n-e
At-Primary	a	ah
In-In	ā	NasalA
In-Deintus	dā	d-NasalA
With-Abhoc	avek	ah-v-eh-k
And-Et	e	ay
And-Si	si	s-e
If-Primary	si	s-e

Spanish

Cognate	IPA	Sounds
Woman-Primary	embra	ay-m-b-er-ah
Woman-Mulier	muxer	m-u-xha-ay-er
Woman-Domina	doja	d-oh-VdPalatalNasal-ah
Child-Primary	infante	e-n-f-ah-n-t-ay
Child-Ninnus	nijo	n-e-VdPalatalNasal-oh
Wife-Primary	esposa	ay-s-p-oh-s-ah
Husband-Primary	mariðo	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother-Primary	maðre	m-ah-dd-er-ay
Father-Primary	paðre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal-Primary	alimaja	ah-l-e-m-ah-VdPalatalNasal-ah
Fish-Piskem	peθ	p-ay-th
Bird-Avem	abe	ah-b-ay
Bird-Passerem	paxaro	p-ah-xha-ah-er-oh
Dog-Primary	kan	k-ah-n
Louse-Primary	pjoxo	p-jg-oh-xha-oh
Snake-Primary	serpjente	s-ay-er-p-jg-ay-n-t-ay
Tree-Primary	arþol	ah-er-bb-oh-l
Forest-Primary	selba	s-ay-l-b-ah
Stick-Primary	palo	p-ah-l-oh
Fruit-Primary	fruto	f-er-u-t-oh
Seed-Sementia	simjente	s-e-m-jg-ay-n-t-ay
Seed-Granum	grano	g-er-ah-n-oh
Leaf-Primary	oxa	oh-xha-ah
Root-Primary	raiθ	r-ah-e-th
BarkOfATree-Corticea	korteθa	k-oh-er-t-ay-th-ah
Flower-Primary	flor	f-l-oh-er
Grass-Primary	jerba	VdPalatalFricative-ay-er-b-ah
Grass-Gramen	grama	g-er-ah-m-ah
Rope-Restis	rista	er-e-s-t-ah
Skin-Pellis	pjel	p-jg-ay-l
Meat-Primary	karne	k-ah-er-n-ay
Blood-Primary	sangre	s-ah-nya-g-er-ay
Bone-Primary	weso	w-ay-s-oh
FatNoun-Crassia	grasa	g-er-ah-s-ah
Egg-Primary	webo	w-ay-b-oh
Horn-Primary	kwerno	k-w-ay-er-n-oh
Tail-Primary	kola	k-oh-l-ah
Feather-Primary	pluma	p-l-u-m-ah
Feather-Penna	peña	p-ay-VdPalatalNasal-ah
Hair-Primary	pelo	p-ay-l-oh
Hair-Capillus	kabejo	k-ah-b-ay-VdPalatalFricative-oh
Head-Primary	kaþeθa	k-ah-bb-ay-th-ah
Ear-Primary	orexa	oh-er-ay-xha-ah
Eye-Primary	oxo	oh-xha-oh
Nose-Primary	naso	n-ah-s-oh

Appendix 5 - Word Lists by Language

Nose-Nares	nariθ	n-ah-er-e-th
Mouth-Primary	boka	b-oh-k-ah
Mouth-Gula	gola	g-oh-l-ah
Tooth-Primary	djente	d-jg-ay-n-t-ay
Fingernail-Primary	una	u-VdPalatalNasal-ah
Foot-Primary	pie	p-jg-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	pjerna	p-jg-ay-er-n-ah
Leg-Petiolus	peθiolo	p-ay-th-e-oh-l-oh
Knee-Genuculum	inoxo	e-n-oh-xha-oh
Hand-Primary	mano	m-ah-n-oh
Wing-Primary	ala	ah-l-ah
Belly-Primary	bjentre	b-jg-ay-n-t-er-ay
Belly-Pantex	panθa	p-ah-n-th-ah
Guts-Primary	entraña	ay-n-t-er-ah-VdPalatalNasal-ah
Neck-Primary	kwejo	k-w-ay-VdPalatalFricative-oh
Back-Spatula	espalda	ay-s-p-ah-l-d-ah
Breast-Primary	seno	s-ay-n-oh
Breast-Pectus	peʃo	p-ay-ts-oh
Heart-Anima	alma	ah-l-m-ah
Liver-Primary	iɣaðo	e-juh-ah-dd-oh
Sun-Primary	sol	s-oh-l
Moon-Primary	luna	l-u-n-ah
Star-Primary	estreja	ay-s-t-er-ay-VdPalatalFricative-ah
Water-Primary	aywa	ah-juh-w-ah
Rain-Primary	jubja	VdPalatalFricative-u-b-jg-ah
River-Rivus	rio	r-e-oh
Lake-Primary	lago	l-ah-g-oh
Sea-Primary	mar	m-ah-er
Salt-Primary	sal	s-ah-l
Stone-Petra	pjeðra	p-jg-ay-dd-er-ah
Stone-Lapidem	laude	l-ah-u-d-ay
Sand-Primary	arena	ah-er-ay-n-ah
Dust-Pulwus	polbo	p-oh-l-b-oh
Earth-Primary	tjera	t-jg-ay-r-ah
Cloud-Primary	nube	n-u-b-ay
Cloud-Nubilus	nublo	n-u-b-l-oh
Fog-Nebula	njebla	n-jg-ay-b-l-ah
Fog-Tenebras	tinjeblas	t-e-n-jg-ay-b-l-ah-s
Fog-Fumata	fumata	f-u-m-ah-t-ah
Sky-Primary	θjelo	th-jg-ay-l-oh
Wind-Primary	bjento	b-jg-ay-n-t-oh
Snow-Primary	njebe	n-jg-ay-b-ay
Ice-Primary	jelo	VdPalatalFricative-ay-l-oh
Smoke-Primary	umo	u-m-oh
Fire-Focus	fwego	f-w-ay-g-oh
Ash-Cinisia	θeniθa	th-ay-n-e-th-ah
Road-Primary	bia	b-e-ah
Road-Strata	estrada	ay-s-t-er-ah-d-ah
Road-Camminus	kamino	k-ah-m-e-n-oh
Mountain-Primary	monte	m-oh-n-t-ay
Mountain-Montanea	montaña	m-oh-n-t-ah-VdPalatalNasal-ah
Night-Primary	noʃe	n-oh-ts-ay
Day-Primary	dia	d-e-ah
Day-Diurnus	djurno	d-jg-u-er-n-oh
Day-Diurnata	xornada	xha-oh-er-n-ah-d-ah
Year-Primary	ano	ah-VdPalatalNasal-oh
Name-Nominem	nombre	n-oh-m-b-er-ay
Tongue-Primary	leŋgwa	l-ay-nya-g-w-ah
I-Primary	jo	VdPalatalFricative-oh
We-Primary	nos	n-oh-s
YouPlural-Primary	bos	b-oh-s
YouSingular-Primary	tu	t-u

Appendix 5 - Word Lists by Language

YouSingular-VostramMercedem	usted	u-s-t-ay-d
ToDrink-Primary	beber	b-ay-b-ay-er
ToEat-Primary	komer	k-oh-m-ay-er
ToBite-Primary	mørðer	m-oh-er-dd-ay-er
ToBite-Morsicare	moskar	m-oh-s-k-ah-er
ToSpit-Exconspuere	eskupir	ay-s-k-u-p-e-er
ToSpit-Sputare	esputar	ay-s-p-u-t-ah-er
ToBreathe-Primary	respirar	r-ay-s-p-e-er-ah-er
ToLaugh-Primary	reir	r-ay-e-er
ToSee-Primary	ber	b-ay-e-er
ToHear-Primary	oir	oh-e-er
ToKnow-Sapere	saber	s-ah-b-ay-er
ToKnow-Cognoscere	konoθer	k-oh-n-oh-th-ay-er
ToThink-Primary	kwidar	k-w-e-d-ah-er
ToThink-Pensare	pensar	p-ay-n-s-ah-er
ToSmell-Sentire	sentir	s-ay-n-t-e-er
ToSmell-Olere	oler	oh-l-ay-er
ToFear-Primary	temer	t-ay-m-ay-er
ToFear-Tremere	tremer	t-er-ay-m-ay-er
ToSleep-Primary	dormir	d-oh-er-m-e-er
ToLive-Primary	bibir	b-e-b-e-er
ToDie-Primary	morir	m-oh-er-e-er
ToKill-Adnecare	anegar	ah-n-ay-g-ah-er
ToKill-Mactare	matar	m-ah-t-ah-er
ToFight-Primary	pujar	p-u-VdPalatalNasal-ah-er
ToFight-Battuere	batir	b-ah-t-e-er
ToHunt-Captiare	kaθar	k-ah-th-ah-er
ToHit-Primary	puخار	p-u-xha-ah-er
ToCut-Primary	segar	s-ay-g-ah-er
ToCut-Curtare	kortar	k-oh-er-t-ah-er
ToCut-Taliare	taxar	t-ah-xha-ah-er
ToSplit-Primary	dibidir	d-e-b-e-d-e-er
ToSplit-Findere	ender	ay-n-d-ay-er
ToSplit-Partire	partir	p-ah-er-t-e-er
ToSplit-Separare	separar	s-ay-p-ah-er-ah-er
ToScratch-Primary	raer	r-ah-ay-er
ToScratch-Rasare	rasar	r-ah-s-ah-er
ToScratch-Rasicare	raskar	r-ah-s-k-ah-er
ToDig-Cavare	kabar	k-ah-b-ah-er
ToDig-Excavare	eskabar	ay-s-k-ah-b-ah-er
ToSwim-Primary	nadar	n-ah-d-ah-er
ToSwim-Navigare	nabegar	n-ah-b-ay-g-ah-er
ToFly-Primary	bolar	b-oh-l-ah-er
ToWalk-Primary	kamar	k-ah-m-e-n-ah-er
ToWalk-Ambitare	andar	ah-n-d-ah-er
ToCome-Primary	benir	b-ay-n-e-er
ToLieAsInABed-Primary	ekstender	ay-k-s-t-ay-n-d-ay-er
ToLieAsInABed-Iacere	jaθer	VdPalatalFricative-ah-th-ay-er
ToSit-Primary	ser	s-ay-er
ToSit-Sedentare	sentar	s-ay-n-t-ah-er
ToStand-Primary	estar	ay-s-t-ah-er
ToStand-Levare	jebar	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	alθar	ah-l-th-ah-er
ToTurnIntransitive-Primary	tornar	t-oh-er-n-ah-er
ToTurnIntransitive-Gyrate	xirar	xha-e-er-ah-er
ToTurnIntransitive-Torquere	torθer	t-oh-er-th-ay-er
ToFall-Primary	kaer	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToGive-Primary	dar	d-ah-er
ToGive-Donare	donar	d-oh-n-ah-er
ToHold-Primary	tener	t-ay-n-ay-er
ToSqueeze-Primary	ekspemir	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er

Appendix 5 - Word Lists by Language

ToSqueeze-Appectorare	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estrenir	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub-Primary	fregar	f-er-ay-g-ah-er
ToRub-Frictare	frotar	f-er-oh-t-ah-er
ToRub-Frictiare	frisar	f-r-e-s-ah-er
ToWash-Primary	laßar	l-ah-bb-ah-er
ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Limpidare	limpiar	l-e-m-p-jg-ah-er
ToPull-Primary	tirar	t-e-er-ah-er
ToThrow-Primary	efsar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToTie-Primary	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew-Primary	koser	k-oh-s-ay-er
ToCount-Primary	kontar	k-oh-n-t-ah-er
ToSay-Primary	deθir	d-ay-th-e-er
ToSing-Primary	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-g-ah-er
ToFloat-Primary	flugtwar	f-l-u-g-t-w-ah-er
ToFlow-Primary	fluir	f-l-u-e-er
ToFlow-Colare	kolar	k-oh-l-ah-er
ToFlow-Excurrere	eskurir	ay-s-k-u-r-e-er
ToFlow-Currere	korer	k-oh-r-ay-er
ToFreeze-Primary	elar	ay-l-ah-er
ToSwell-Primary	infar	e-n-ts-ah-er
ToSwell-Intumescere	entumeθer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreθer	k-er-ay-th-ay-er
ToBurn-Cremare	kemar	k-ay-m-ah-er
ToBurn-Ardere	arder	ah-er-d-ay-er
ToBurn-Incendere	enθender	ay-n-th-ay-n-d-ay-er
All-Totus	todo	t-oh-d-oh
Many-Primary	mutʃo	m-u-ts-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some-Primary	alguno	ah-l-g-u-n-oh
Few-Primary	poko	p-oh-k-oh
Other-Primary	otro	oh-t-er-oh
Big-Primary	majo	m-ah-VdPalatalNasal-oh
Big-Grandem	grande	g-er-ah-n-d-ay
Long-Longum	longo	l-oh-n-g-oh
Long-Largum	laryo	l-ah-er-juh-oh
Wide-Primary	lato	l-ah-t-oh
Wide-Amplum	anʃo	ah-n-ts-oh
Thick-Primary	graso	g-er-ah-s-oh
Thick-Spisum	espeso	ay-s-p-ay-s-oh
Thick-Gurdum	gordo	g-oh-er-d-oh
Heavy-Primary	grabe	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Short-Primary	korto	k-oh-er-t-oh
Short-Brevis	brebe	b-er-ay-b-ay
Narrow-Primary	angosto	ah-n-g-oh-s-t-oh
Narrow-Strictus	estrefʃo	ay-s-t-er-ay-ts-oh
Thin-Primary	menudo	m-ay-n-u-d-oh
Thin-Delicatus	delyaðo	d-ay-l-juh-ah-dd-oh
Thin-Subtilis	sutil	s-u-t-e-l
Warm-Primary	kaldo	k-ah-l-d-oh
Cold-Primary	frio	f-er-e-oh
Cold-Recens	reθjente	r-ay-th-jg-ay-n-t-ay
Full-Primary	λeno	yuh-ay-n-oh
New-Primary	nweβo	n-w-ay-bb-oh
New-Novellus	noβiλo	n-oh-bb-e-yuh-oh
Old-Primary	bjexo	b-jg-ay-xha-oh
Good-Primary	bweno	b-w-ay-n-oh

Appendix 5 - Word Lists by Language

Bad-Primary	malo	m-ah-l-oh
Rotten-Primary	poðriðo	p-oh-dd-er-e-dd-oh
Rotten-Putrem	poðre	p-oh-dd-er-ay
Dirty-Primary	sordido	s-oh-er-d-e-d-oh
Round-Primary	redondo	r-ay-d-oh-n-d-oh
SharpAsAKnife-Primary	ayuðo	ah-juh-u-dd-oh
Smooth-Nitidus	níðio	n-e-dd-e-oh
Dry-Primary	seko	s-ay-k-oh
Near-Primary	proximo	p-er-oh-xha-e-m-oh
Near-Vicus	beθino	b-ay-th-e-n-oh
Near-Circa	θerka	th-ay-er-k-ah
Right-Dextrem	djestro	d-jg-ay-s-t-er-oh
Left-Primary	sinjestro	s-e-n-jg-ay-s-t-er-oh
Red-Primary	roxo	r-oh-xha-oh
Red-Vermiculus	bermexo	b-ay-er-m-ay-xha-oh
Red-Rubeus	rubjo	r-u-b-jg-oh
Green-Primary	berde	b-ay-er-d-ay
Yellow-Amarellus	amarijo	ah-m-ah-er-e-VdPalatalFricative-oh
White-Primary	albo	ah-l-b-oh
Black-Primary	neyro	n-ay-juh-er-oh
Black-Pretto	prjeto	p-er-jg-ay-t-oh
One-Primary	uno	u-n-oh
Two-Duos	dos	d-oh-s
Three-Primary	tres	t-er-ay-s
Four-Primary	kwatro	k-w-ah-t-er-oh
Five-Primary	θinko	th-e-n-k-oh
Here-Primary	aki	ah-k-e
There-Primary	aja	ah-VdPalatalFricative-ah
There-Adlbi	ai	ah-e
Who-Quem	kjen	k-jg-ay-n
What-Primary	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	komodo	k-oh-m-oh
Not-Primary	no	n-oh
Not-Nec	ni	n-e
At-Primary	a	ah
In-In	en	ay-n
With-Cum	kon	k-oh-n
And-Et	i	e
And-Si	si	s-e
If-Primary	si	s-e
Because-Quod	ke	k-ay

Italian

Cognate	IPA	Sounds
Woman-Primary	femmina	f-ay-m-m-e-n-ah
Woman-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Woman-Domina	dɔnna	d-euh-n-n-ah
Child-Primary	fante	f-ah-n-t-ay
Child-Ninnus	nino	n-e-n-oh
Wife-Primary	spøza	s-p-euh-zz-ah
Husband-Primary	marito	m-ah-r-e-t-oh
Husband-Sponsus	spøzo	s-p-euh-zz-oh
Mother-Primary	madre	m-ah-d-r-ay
Father-Primary	padre	p-ah-d-r-ay
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bijʃa	b-e-shh-shh-ah
Fish-Piskem	pɛʃe	p-ay-shh-shh-ay
Bird-Aucellus	utfellos	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog-Primary	kane	k-ah-n-ay

Appendix 5 - Word Lists by Language

Louse-Primary	pidøkkjo	p-e-d-euh-k-k-jg-oh
Snake-Primary	serpente	s-ay-r-p-eh-n-t-ay
Worm-Primary	verme	v-eh-r-m-ay
Tree-Primary	albero	ah-l-b-ay-r-oh
Forest-Primary	selva	s-ay-l-v-ah
Stick-Primary	palo	p-ah-l-oh
Fruit-Primary	frutto	f-r-u-t-t-oh
Seed-Primary	seme	s-ay-m-ay
Seed-Sementia	semente	s-ay-m-ay-n-t-ay
Seed-Granum	grano	g-r-ah-n-oh
Leaf-Primary	føλ্যা	f-euh-yuh-yuh-ah
Leaf-Frondea	frondza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
BarkOfATree-Corticea	kortettʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Scoreta	skordza	s-k-euh-r-VdPalatoAlveolarAffricate-ah
Flower-Primary	fjore	f-jg-oh-r-ay
Grass-Primary	erba	eh-r-b-ah
Rope-Primary	fune	f-u-n-ay
Rope-Restis	resta	r-eh-s-t-ah
Skin-Primary	kotenna	k-oh-t-ay-n-n-ah
Skin-Pellis	pelle	p-eh-l-l-ay
Meat-Primary	karne	k-ah-r-n-ay
Blood-Primary	sangwe	s-ah-n-g-w-ay
Bone-Primary	osso	euh-s-s-oh
FatNoun-Primary	adipe	ah-d-e-p-ay
Egg-Primary	wøvo	w-euh-v-oh
Horn-Primary	korno	k-euh-r-n-oh
Tail-Primary	koda	k-oh-d-ah
Feather-Primary	pjuma	p-jg-u-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair-Primary	pelo	p-ay-l-oh
Hair-Capillus	kapello	k-ah-p-ay-l-l-oh
Head-Primary	kavetsa	k-ah-v-ay-t-VlAlveolarSibilantAffricate-ah
Head-Testa	testa	t-eh-s-t-ah
Ear-Primary	orekkja	oh-r-ay-k-k-jg-ah
Eye-Primary	økkjo	euh-k-k-jg-oh
Nose-Primary	naso	n-ah-s-oh
Nose-Nares	nariʃe	n-ah-r-e-ts-ay
Mouth-Primary	bokka	b-oh-k-k-ah
Mouth-Gula	gola	g-oh-l-ah
Tooth-Primary	dente	d-eh-n-t-ay
Fingernail-Primary	ungja	u-n-g-jg-ah
Foot-Primary	pjede	p-jg-eh-d-ay
Leg-Gamba	gamba	g-ah-m-b-ah
Leg-Perna	perno	p-eh-r-n-oh
Leg-Petiolus	pitʃølo	p-e-t-ts-euh-l-oh
Knee-Genuculum	dʒinøkkjo	VdPalatoAlveolarSibilant-e-n-euh-k-k-jg-oh
Hand-Primary	mano	m-ah-n-oh
Wing-Primary	ala	ah-l-ah
Belly-Pantex	panʃa	p-ah-n-ts-ah
Neck-Primary	kollo	k-euh-l-l-oh
Back-Primary	døsso	d-euh-s-s-oh
Back-Spatula	spalla	s-p-ah-l-l-ah
Breast-Primary	seno	s-ay-n-oh
Breast-Pectus	petto	p-eh-t-t-oh
Heart-Primary	kwøre	k-w-euh-r-ay
Heart-Anima	alma	ah-l-m-ah
Liver-Primary	fegato	f-ay-g-ah-t-oh
Sun-Primary	sole	s-oh-l-ay
Moon-Primary	luna	l-u-n-ah
Star-Primary	stella	s-t-ay-l-l-ah
Water-Primary	akkwa	ah-k-k-w-ah
Rain-Primary	pjøddʒa	p-jg-euh-d-VdPalatoAlveolarSibilant-ah
River-Primary	fjume	f-jg-u-m-ay

Appendix 5 - Word Lists by Language

River-Rivus	rio	r-e-oh
Lake-Primary	lago	l-ah-g-oh
Sea-Primary	mare	m-ah-r-ay
Salt-Primary	sale	s-ah-l-ay
Stone-Primary	sasso	s-ah-s-s-oh
Stone-Petra	pietra	p-jg-eh-t-r-ah
Sand-Primary	rena	r-ay-n-ah
Sand-Sabulo	sabbjone	s-ah-b-b-jg-oh-n-ay
Dust-Primary	polvere	p-oh-l-v-ay-r-ay
Earth-Primary	terra	t-eh-r-r-ah
Cloud-Primary	nube	n-u-b-ay
Cloud-Nubilus	nuvola	n-u-v-oh-l-ah
Fog-Nebula	nebbja	n-ay-b-b-jg-ah
Fog-Fumata	fumata	f-u-m-ah-t-ah
Sky-Primary	ſelo	ts-eh-l-oh
Wind-Primary	vento	v-eh-n-t-oh
Snow-Primary	neve	n-ay-v-ay
Ice-Primary	đelo	VdPalatoAlveolarSibilant-eh-l-oh
Ice-Glacies	gjatſa	g-jg-ah-t-ts-ah
Smoke-Primary	fumo	f-u-m-oh
Fire-Focus	fwøko	f-w-euh-k-oh
Ash-Primary	ſenere	ts-ay-n-ay-r-ay
Road-Primary	via	v-e-ah
Road-Strata	strada	s-t-r-ah-d-ah
Road-Camminus	kammino	k-ah-m-m-e-n-oh
Mountain-Primary	monte	m-oh-n-t-ay
Mountain-Montanea	montapppa	m-oh-n-t-ah-VdPalatalNasal-VdPalatalNasal-ah
Night-Primary	notte	n-euh-t-t-ay
Day-Primary	di	d-e
Day-Diurnus	đorno	VdPalatoAlveolarSibilant-oh-r-n-oh
Day-Diurnata	đornata	VdPalatoAlveolarSibilant-oh-r-n-ah-t-ah
Year-Primary	anno	ah-n-n-oh
Name-Nomen	no:me	n-O-m-ay
Tongue-Primary	lingwa	l-e-n-g-w-ah
I-Primary	io	e-oh
We-Primary	noi	n-oh-e
YouPlural-Primary	voi	v-oh-e
YouSingular-Primary	tu	t-u
ToDrink-Primary	bere	b-ay-r-ay
ToBite-Primary	mørdere	m-euh-r-d-ay-r-ay
ToBite-Morsicare	morsikare	m-oh-r-s-e-k-ah-r-ay
ToSuck-Primary	sukkjare	s-u-k-k-jg-ah-r-ay
ToSuck-Sugere	suddžere	s-u-d-VdPalatoAlveolarSibilant-ay-r-ay
ToSpit-Sputare	sputare	s-p-u-t-ah-r-ay
ToBlow-Primary	soffjare	s-oh-f-f-jg-ah-r-ay
ToLaugh-Primary	ridere	r-e-d-ay-r-ay
ToSee-Primary	vedere	v-ay-d-ay-r-ay
ToHear-Primary	udire	u-d-e-r-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	konoffere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink-Pensare	pensare	p-ay-n-s-ah-r-ay
ToSmell-Sentire	sentire	s-ay-n-t-e-r-ay
ToSmell-Olere	olire	oh-l-e-r-ay
ToSmell-Fragrare	fragrare	f-r-ah-g-r-ah-r-ay
ToFear-Primary	temere	t-ay-m-ay-r-ay
ToFear-Tremere	tremare	t-r-ay-m-ah-r-ay
ToSleep-Primary	dormire	d-oh-r-m-e-r-ay
ToLive-Primary	vivere	v-e-v-ay-r-ay
ToDie-Primary	morire	m-oh-r-e-r-ay
ToKill-Adnecare	annegare	ah-n-n-ay-g-ah-r-ay
ToKill-Occidere	utſidere	u-t-ts-e-d-ay-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	kattjare	k-ah-t-ts-ah-r-ay

Appendix 5 - Word Lists by Language

ToCut-Primary	segare	s-ay-g-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	taʎare	t-ah-yuh-yuh-ah-r-ay
ToSplit-Findere	fendere	f-ch-n-d-ay-r-ay
ToStab-Primary	pundžere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToScratch-Primary	radere	r-ah-d-ay-r-ay
ToScratch-Rasare	rasare	r-ah-s-ah-r-ay
ToDig-Cavare	kavare	k-ah-v-ah-r-ay
ToDig-Excavare	skavare	s-k-ah-v-ah-r-ay
ToSwim-Primary	nwołare	n-w-oh-t-ah-r-ay
ToFly-Primary	volare	v-oh-l-ah-r-ay
ToFly-Exvolare	zvolare	zz-v-oh-l-ah-r-ay
ToWalk-Primary	kamminare	k-ah-m-m-e-n-ah-r-ay
ToWalk-Mergere	merdžere	m-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWalk-Ambitare	andare	ah-n-d-ah-r-ay
ToCome-Primary	venire	v-ay-n-e-r-ay
ToLieAsInABed-Iacere	dʒafere	VdPalatoAlveolarSibilant-ah-ts-ay-r-ay
ToSit-Primary	sedere	s-ay-d-ay-r-ay
ToStand-Primary	stare	s-t-ah-r-ay
ToStand-Levare	levare	l-ay-v-ah-r-ay
ToStand-Altiare	altsare	ah-l-VlAlveolarSibilantAffricate-ah-r-ay
ToTurnIntransitive-Primary	tornare	t-oh-r-n-ah-r-ay
ToTurnIntransitive-Gyrare	dʒirare	VdPalatoAlveolarSibilant-e-r-ah-r-ay
ToTurnIntransitive-Torquere	tɔrfere	t-euh-r-ts-ay-r-ay
ToFall-Primary	kadere	k-ah-d-ay-r-ay
ToGive-Primary	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-r-ay
ToHold-Primary	tenere	t-ay-n-ay-r-ay
ToSqueeze-Primary	spremere	s-p-r-eh-m-ay-r-ay
ToSqueeze-Serare	serrare	s-ay-r-r-ah-r-ay
ToSqueeze-Stringere	strindžere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub-Primary	fregare	f-r-ay-g-ah-r-ay
ToRub-Frictare	frettare	f-r-ay-t-t-ah-r-ay
ToWash-Primary	lavare	l-ah-v-ah-r-ay
ToWipe-Exsucare	aʃʃugare	ah-shh-shh-u-g-ah-r-ay
ToPull-Primary	tirare	t-e-r-ah-r-ay
ToPull-Trahere	trarre	t-r-ah-r-r-ay
ToThrow-Primary	dʒettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lanʃare	l-ah-n-ts-ah-r-ay
ToTie-Primary	legare	l-ay-g-ah-r-ay
ToSew-Primary	kutʃire	k-u-ts-e-r-ay
ToCount-Primary	kontare	k-oh-n-t-ah-r-ay
ToCount-Numerare	noverare	n-oh-v-ay-r-ah-r-ay
ToSay-Primary	dire	d-e-r-ay
ToSay-Exponere	esporre	ay-s-p-oh-r-r-ay
ToSing-Primary	kantare	k-ah-n-t-ah-r-ay
ToPlay-Jiocare	dʒokare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFlow-Colare	kolare	k-oh-l-ah-r-ay
ToFlow-Excurrere	skorrere	s-k-oh-r-r-ay-r-ay
ToFlow-Currere	korrere	k-oh-r-r-ay-r-ay
ToFreeze-Primary	dʒelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gjatʃare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell-Primary	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonfjare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreffere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Incidere	intendere	e-n-ts-eh-n-d-ay-r-ay
All-Primary	oŋni	oh-VdPalatalNasal-VdPalatalNasal-e
All-Totus	tutto	t-u-t-t-oh
Many-Primary	molto	m-oh-l-t-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some-Primary	alkuno	ah-l-k-u-n-oh
Few-Primary	poko	p-euh-k-oh

Appendix 5 - Word Lists by Language

Other-Primary	altro	ah-l-t-r-oh
Big-Grandem	grande	g-r-ah-n-d-ay
Long-Longum	lungo	l-u-n-g-oh
Long-Largum	largo	l-ah-r-g-oh
Wide-Primary	lato	l-ah-t-oh
Wide-Amplum	ampjo	ah-m-p-jg-oh
Thick-Primary	grasso	g-r-ah-s-s-oh
Thick-Spissum	spesso	s-p-ay-s-s-oh
Thick-Grossus	grōsso	g-r-euh-s-s-oh
Heavy-Primary	grēve	g-r-eh-v-ay
Heavy-Lurdus	lordo	l-oh-r-d-oh
Short-Primary	korto	k-oh-r-t-oh
Short-Brevis	brēve	b-r-eh-v-ay
Narrow-Strictus	stretto	s-t-r-ay-t-t-oh
Thin-Primary	minuto	m-e-n-u-t-oh
Thin-Subtilis	sottile	s-oh-t-t-e-l-ay
Warm-Primary	kaldo	k-ah-l-d-oh
Cold-Primary	freddo	f-r-ay-d-d-oh
Full-Primary	pjeno	p-jg-eh-n-oh
New-Primary	nwəvo	n-w-euh-v-oh
New-Novellus	novello	n-oh-v-eh-l-l-oh
New-Novella	novella	n-oh-v-eh-l-l-ah
Old-Primary	vēkkjo	v-eh-k-k-jg-oh
Good-Primary	bwəno	b-w-euh-n-oh
Bad-Primary	malo	m-ah-l-oh
Dirty-Spurcus	spørko	s-p-euh-r-k-oh
Straight-Primary	dritto	d-r-e-t-t-oh
Round-Primary	rotondo	r-oh-t-oh-n-d-oh
Smooth-Primary	soave	s-oh-ah-v-ay
Smooth-Nitidus	netto	n-ay-t-t-oh
Dry-Primary	sekko	s-ay-k-k-oh
Near-Pressus	presso	p-r-eh-s-s-oh
Near-Vicinus	vítjino	v-e-ts-e-n-oh
Far-Primary	lontano	l-oh-n-t-ah-n-oh
Right-Dextrem	destro	d-eh-s-t-r-oh
Red-Primary	rosso	r-oh-s-s-oh
Red-Rubeus	røbbjo	r-euh-b-b-jg-oh
Green-Primary	verde	v-ay-r-d-ay
Black-Primary	nero	n-ay-r-oh
One-Primary	uno	u-n-oh
Two-Duae	due	d-u-ay
Three-Primary	tre	t-r-ay
Four-Primary	kwattro	k-w-ah-t-t-r-oh
Five-Primary	fjíjkwe	ts-e-nya-k-w-ay
Here-Primary	kwi	k-w-e
There-Primary	la	l-ah
There-Ibi	vi	v-e
Who-Qui	ki	k-e
What-Primary	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	kome	k-oh-m-ay
Not-Primary	non	n-oh-n
Not-Nec	ne	n-ay
At-Primary	a	ah
In-In	in	e-n
With-Cum	kon	k-oh-n
And-Et	e	ay
And-Si	si	s-e
If-Primary	se	s-ay
Because-Quod	ke	k-ay

Appendix 5 - Word Lists by Language

Brazilian Portuguese

Cognate	IPA	Sounds
Woman-Primary	femeə	f-ay-m-ay-ahh
Woman-Mulier	muyərə	m-u-yuh-ay-rr
Woman-Domina	dona	d-oh-n-ahh
Child-Primary	iʃeʃi	een-f-ahn-ts-e
Child-Ninnus	nenẽj	n-ay-n-ehnj
Wife-Primary	ispoza	e-s-p-oh-zz-ah
Husband-Primary	maridu	m-ah-er-e-d-u
Husband-Sponsus	ispozu	e-s-p-oh-zz-u
Mother-Primary	mẽj	m-ahnjn
Father-Primary	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bifé	b-e-shh-ahh
Fish-Piskem	pejʃi	p-ayj-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasəru	p-ah-s-ahh-er-u
Dog-Primary	kẽw	k-au_diphthong_nasal
Louse-Primary	piøyu	p-e-oh-yuh-u
Snake-Primary	seɪpẽʃi	s-ay-rr-p-ehn-ts-e
Worm-Primary	vermi	v-ay-rr-m-e
Tree-Primary	akvori	ah-rr-v-oh-er-e
Forest-Primary	sewva	s-eh-w-v-ah
Stick-Primary	paw	p-ah-w
Fruit-Primary	frute	f-er-u-t-ahh
Seed-Sementia	semẽʃi	s-ay-m-ehn-ts-e
Seed-Granum	grẽw	g-er-au_diphthong_nasal
Leaf-Primary	foye	f-oh-yuh-ahh
Leaf-Frondea	frõse	f-er-on-s-ahh
Root-Primary	rais	rr-ah-e-s
BarkOfATree-Primary	kɔkʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔkʃise	k-oh-rr-ts-e-s-ahh
Flower-Primary	flos	f-l-oh-rr
Grass-Primary	erxe	ay-rr-v-ahh
Grass-Gramen	grẽme	g-er-ahn-m-ahh
Rope-Restis	reʃʃi	rr-eh-shh-ts-e
Skin-Primary	kodžie	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	pelí	p-eh-l-e
Meat-Primary	kaṇni	k-ah-rr-n-e
Blood-Primary	s̄gi	s-ahn-g-e
Bone-Primary	osu	oh-s-u
FatNoun-Crassia	graſə	g-er-ah-shh-ahh
Egg-Primary	ovu	oh-v-u
Horn-Primary	koṣnu	k-oh-rr-n-u
Tail-Primary	kaudə	k-au-d-ahh
Feather-Penna	penə	p-ay-n-ahh
Hair-Primary	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head-Primary	kabesə	k-ah-b-ay-s-ahh
Head-Testa	testə	t-eh-s-t-ahh
Ear-Primary	oreyə	oh-er-ay-yuh-ahh
Eye-Primary	oýu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth-Primary	boke	b-oh-k-ahh
Tooth-Primary	dẽʃi	d-ehn-ts-e
Fingernail-Primary	upə	u-VdPalatalNasal-ahh
Foot-Primary	pe	p-eh
Leg-Perna	rekuə	p-eh-rr-n-ahh
Knee-Genuculum	ȝueyū	gzah-u-ay-yuh-u
Hand-Primary	mẽw	m-au_diphthong_nasal
Wing-Primary	a	ah

Appendix 5 - Word Lists by Language

Belly-Pantex	p̪ese	p-ahn-s-ahh
Guts-Primary	ítreñe	een-t-er-ahn-VdPalatalNasal-ahh
Neck-Primary	kolu	k-euh-l-u
Back-Spatula	ijspadwə	e-shh-p-ah-d-w-ahh
Breast-Primary	seju	s-ayj-u
Breast-Pectus	pejtu	p-ayj-t-u
Heart-Primary	kɔ̄s	k-euh-rr
Heart-Anima	awme	ah-w-m-ahh
Liver-Primary	figedu	f-e-g-ahh-d-u
Sun-Primary	sow	s-euh-w
Moon-Primary	lue	l-u-ahh
Star-Primary	istrelə	e-s-t-er-ay-l-ahh
Water-Primary	agwə	ah-g-w-ahh
Rain-Primary	ſuve	shh-u-v-ahh
River-Primary	flumi	f-l-u-m-e
River-Rivus	kiw	rr-e-w
Lake-Primary	lagu	l-ah-g-u
Sea-Primary	maꝝ	m-ah-rr
Salt-Primary	saw	s-ah-w
Stone-Primary	ſejſu	s-ayj-shh-u
Stone-Petra	pedrə	p-ay-d-er-ahh
Sand-Primary	arejə	ah-er-ayj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	po	p-euh
Earth-Primary	tevə	t-ay-rr-ahh
Cloud-Primary	nuvēj	n-u-v-ehnj
Fog-Primary	kaližēj	k-ah-l-e-gzah-ehnj
Fog-Nebula	nɛvwə	n-eh-v-w-ahh
Fog-Tenebras	tr̪evəs	t-er-eh-v-ahh-s
Fog-Fumata	fumase	f-u-m-ah-s-ahh
Sky-Primary	ſew	s-eh-w
Wind-Primary	v̪etu	v-ehn-t-u
Snow-Primary	nevi	n-eh-v-e
Smoke-Primary	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sīze	s-een-zz-ahh
Road-Primary	vie	v-e-ahh
Road-Strata	istradə	e-s-t-er-ah-d-ahh
Road-Camminus	kam̪iñu	k-ah-m-een-VdPalatalNasal-u
Mountain-Primary	mōñi	m-on-ts-e
Mountain-Montanea	mōtēñe	m-on-t-ahn-VdPalatalNasal-ahh
Night-Primary	nojti	n-oj_diphthong-t-eee
Day-Primary	die	d-e-ahh
Day-Diurna	ȝɔ̄vna	gzah-euh-rr-n-ah
Year-Primary	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue-Primary	lígwə	l-een-g-w-ahh
I-Primary	ew	ay-w
We-Primary	nojs	n-mid_low_diphthong-s
YouPlural-Primary	vojs	v-mid_low_diphthong-s
YouSingular-Primary	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
ToDrink-Primary	bebəs	b-ay-b-ay-rr
ToEat-Primary	kome	k-oh-m-ay
ToBite-Primary	moñdeñ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musøga	m-u-s-aah-g-ah
ToSuck-Primary	ſujas	shh-u-shh-ah-rr
ToSuck-Sugere	sugas	s-u-g-ah-rr
ToSpit-Primary	kuspis	k-u-s-p-e-rr
ToBreathe-Primary	respirar	rr-ay-s-p-e-er-ah-er
ToLaugh-Primary	kiñ	rr-e-rr
ToSee-Primary	ver	v-ay-rr
ToHear-Primary	owvíñ	oh-w-v-e-rr

Appendix 5 - Word Lists by Language

ToKnow-Sapere	saber	s-ah-b-ay-rr
ToKnow-Cognoscere	kōneser	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink-Primary	kuz̥itaꝑ	k-u-gzah-e-t-ah-rr
ToThink-Pensare	p̥esar	p-ehn-s-ah-rr
ToSmell-Sentire	sēf̥ir	s-ehn-ts-e-rr
ToSmell-Fragrare	ſejſar	shh-ayj-er-ah-rr
ToFear-Primary	temer	t-ay-m-ay-rr
ToFear-Tremere	tremer	t-er-ay-m-ay-rr
ToSleep-Primary	dormir	d-oh-rr-m-e-rr
ToLive-Primary	viver	v-e-v-ay-rr
ToDie-Primary	mōker	m-oh-rr-ay-rr
ToKill-Mactare	mataꝑ	m-ah-t-ah-rr
ToFight-Battuere	bateꝑ	b-ah-t-ay-rr
ToHunt-Captiare	kasar	k-ah-s-ah-rr
ToHit-Primary	puſar	p-u-shh-ah-rr
ToCut-Primary	segar	s-ay-g-ah-rr
ToCut-Curtare	koſtar	k-oh-rr-t-ah-rr
ToCut-Taliare	taſar	t-ah-yuh-ah-rr
ToSplit-Primary	džividžiꝑ	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēder	f-ehn-d-ay-rr
ToSplit-Partire	raeſfir	p-ah-rr-ts-e-rr
ToSplit-Separare	separar	s-ay-p-ah-er-ah-rr
ToStab-Primary	rūžiꝑ	p-ooo-gzah-e-rr
ToScratch-Primary	kaes	rr-ah-ay-rr
ToScratch-Rasare	kazaꝑ	rr-ah-zz-ah-rr
ToScratch-Rasicare	kaſkaꝑ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaꝑ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaꝑ	k-ahh-v-ah-rr
ToDig-Excavare	iſkevaꝑ	e-shh-k-ahh-v-ah-rr
ToSwim-Primary	nadaꝑ	n-ah-d-ah-rr
ToSwim-Navigare	naviḡaꝑ	n-ah-v-eee-juh-ah-rr
ToFly-Primary	voaꝑ	v-oh-ah-rr
ToWalk-Primary	kemijaꝑ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	edaꝑ	ahn-d-ah-rr
ToCome-Primary	vīꝑ	v-e-rr
ToLieAsInABed-Primary	istēdeꝑ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	ȝezeꝑ	gzah-ahh-zz-ay-rr
ToSit-Primary	seꝑ	s-ay-rr
ToSit-Sedentare	sētar	s-ehn-t-ah-er
ToStand-Primary	iſtar	eee-shh-t-ah-er
ToStand-Levare	levaꝑ	l-ay-v-ah-rr
ToStand-Altiare	aſa	ah-ssha-s-ah
ToTurnIntransitive-Primary	toynaꝑ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrare	ȝirar	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall-Primary	keiſ	k-ahh-e-er
ToFall-Tumbare	tōbaꝑ	t-on-b-ah-rr
ToGive-Primary	daꝑ	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold-Primary	teꝑ	t-ay-rr
ToSqueeze-Primary	iſprēmer	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	seba	s-ay-rr-ah
ToSqueeze-Serare	sičar	s-eee-rr-ah-er
ToSqueeze-Appectorare	ep̥irtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃt̥r̥izir	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iſfrigat	eee-shh-f-er-eee-g-ah-er
ToWash-Primary	levat	l-ahh-v-ah-er
ToWipe-Exsucare	ȝiſugar	ehn-shh-u-g-ah-er
ToWipe-Limpidare	lipar	l-een-p-ah-er
ToPull-Primary	ȝira	ts-e-er-ah
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow-Primary	ȝejtaꝑ	gzah-ayj-t-ah-er
ToThrow-Lanceare	l̥esa	l-ahn-s-ah

Appendix 5 - Word Lists by Language

ToTie-Aptare	etàr	ahh-t-ah-er
ToSew-Primary	kuzer	k-u-zz-ay-er
ToCount-Primary	kōtar	k-on-t-ah-er
ToSay-Primary	dizer	d-e-zz-ay-er
ToSing-Primary	kētar	k-ahn-t-ah-er
ToPlay-Jiocare	ʒoqas	gzah-oh-g-ah-rr
ToFloat-Primary	flutuaꝝ	f-l-u-t-u-ah-rr
ToFlow-Primary	flwiꝝ	f-l-w-e-rr
ToFlow-Colare	koas	k-oh-ah-rr
ToFlow-Excurrere	iʃkoreꝝ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	koreꝝ	k-oh-rr-ay-rr
ToFreeze-Primary	ʒilar	gzah-eee-l-ah-er
ToSwell-Primary	ʃar	een-shh-ah-er
ToSwell-Intumescere	ʃtumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kreseꝝ	k-er-ay-s-ay-rr
ToBurn-Cremare	kejmare	k-ahhj-m-ah-er-ay
ToBurn-Ardere	aðdeꝝ	ah-rr-d-ay-rr
ToBurn-Incendere	ʃsendʒiar	een-s-ay-n-VdPalatoAlveolarSibilant-I-ah-er
All-Totus	todu	t-oh-d-u
Many-Primary	mū̄tu	m-ooo-jn-t-u
Many-Tantus	tex̄tu	t-ahn-t-u
Some-Primary	awgū	ah-w-g-ooo
Few-Primary	powku	p-oh-w-k-u
Other-Primary	owtru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	gr̄edži	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lōgu	l-on-g-u
Long-Largum	laꝝgu	l-ah-rr-g-u
Wide-Primary	latu	l-ah-t-u
Wide-Amplum	ɛ̄ju	ahn-shh-u
Thick-Spissum	ispesu	e-s-p-eh-s-u
Thick-Grossus	grosu	g-er-oh-s-u
Heavy-Primary	gravi	g-er-ah-v-e
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Short-Primary	kuxtu	k-u-rr-t-u
Short-Brevis	brevi	b-er-eh-v-e
Narrow-Strictus	istrejtu	e-s-t-er-ayj-t-u
Thin-Primary	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	suf̄jw	s-u-ts-e-w
Warm-Primary	kawdu	k-ah-w-d-u
Cold-Primary	friu	f-er-e-u
Cold-Recens	kesēf̄i	rr-ay-s-ehn-ts-e
Full-Primary	ʃeju	shh-ahhj-u
New-Primary	novu	n-oh-v-u
Old-Primary	vej̄lu	v-ahhj-yuh-u
Good-Primary	bō	b-on
Bad-Primary	maw	m-ah-w
Rotten-Putrem	podri	p-oh-d-er-e
Dirty-Primary	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ispurku	e-s-p-u-er-k-u
Straight-Primary	dʒirejtu	VdPalatoAlveolarSibilant-e-er-ayj-t-u
Round-Primary	zedōdu	rr-ay-d-on-d-u
Smooth-Nitidus	nēđu	n-eh-VdPalatoAlveolarSibilant-u
Dry-Primary	seku	s-ay-k-u
Near-Primary	prosimu	p-er-oh-s-e-m-u
Near-Vicus	vizijnu	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	destru	d-eh-s-t-er-u
Left-Primary	seſtru	s-eh-shh-t-er-u
Red-Primary	roſu	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	vekmeſu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green-Primary	verdi	v-ay-er-d-eee

Appendix 5 - Word Lists by Language

Yellow-Amarellus	emarelu	ahh-m-ah-er-eh-l-u
White-Primary	awvu	ah-w-v-u
Black-Primary	negr <u>u</u>	n-ay-g-er-u
Black-Pretto	pretu	p-er-ay-t-u
One-Primary	ú	ooo
Two-Duos	dojs	d-oj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three-Primary	tres	t-er-ay-s
Four-Primary	kwatru	k-w-ah-t-er-u
Five-Primary	síku	s-een-k-u
Here-Primary	aki	ah-k-e
There-Primary	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kéj	k-ehnj
What-Primary	ki	k-e
When-Quando	kwédu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not-Primary	néw	n-au_diphthong_nasal
Not-Nec	néj	n-ehnj
At-Primary	a	ah
In-In	éj	ehnj
With-Cum	kō	k-on
And-Et	i	e
And-Si	sí	s-een
If-Primary	si	s-e
Because-Quod	ki	k-e

Portuguese

Cognate	IPA	Sounds
Woman-Primary	femje	f-ay-m-jg-ahh
Woman-Mulier	muλer	m-u-yuh-ay-er
Woman-Domina	donə	d-oh-n-ahh
Child-Primary	ifeti	een-f-ahn-t-eee
Child-Ninnus	nenēj	n-ay-n-ehnj
Wife-Primary	iʃpozə	eee-shh-p-oh-zz-ahh
Husband-Primary	meridu	m-ahh-er-e-dd-u
Husband-Sponsus	iʃpozu	eee-shh-p-oh-zz-u
Mother-Primary	mɛj	m-ahnjn
Father-Primary	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bifɛ	b-e-shh-ahh
Fish-Piskem	peʃʃi	p-ahhj-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	paseru	p-ah-s-ahh-er-u
Dog-Primary	kɛw	k-au_diphthong_nasal
Louse-Primary	pioyu	p-e-oh-yuh-u
Snake-Primary	sirpēti	s-eee-er-p-ehn-t-eee
Worm-Primary	vermi	v-ay-er-m-eee
Tree-Primary	arvuri	ah-er-v-u-er-eee
Forest-Primary	selvə	s-eh-ssha-v-ahh
Stick-Primary	paw	p-ah-w
Fruit-Primary	frute	f-er-u-t-ahh
Seed-Sementia	simēti	s-eee-m-ehn-t-eee
Seed-Granum	grɛw	g-er-au_diphthong_nasal
Leaf-Primary	foye	f-oh-yuh-ahh
Leaf-Frondea	frôse	f-er-on-s-ahh
Root-Primary	raɪʃ	rr-ahh-e-shh
BarkOfATree-Primary	kɔrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtise	k-u-er-t-e-s-ahh
Flower-Primary	flor	f-l-oh-er
Grass-Primary	erva	eh-er-v-ahh

Appendix 5 - Word Lists by Language

Grass-Gramen	græmə	g-er-ahh-m-ahh
Rope-Restis	reſti	rr-ay-shh-t-eee
Skin-Primary	kodiə	k-oh-d-e-ahh
Skin-Pellis	peli	p-ay-l-eee
Meat-Primary	karni	k-ah-er-n-eee
Blood-Primary	sēgi	s-ahn-g-eee
Bone-Primary	osu	oh-s-u
FatNoun-Crassia	graſə	g-er-ah-shh-ahh
Egg-Primary	ovu	oh-v-u
Horn-Primary	kornu	k-oh-er-n-u
Tail-Primary	kaudə	k-au-d-ahh
Feather-Penna	penə	p-ay-n-ahh
Hair-Primary	pilu	p-eee-l-u
Hair-Capillus	keþelu	k-ahh-bb-ay-l-u
Head-Primary	keþesə	k-ahh-bb-ay-s-ahh
Head-Testa	təſte	t-eh-shh-t-ahh
Ear-Primary	orejyə	oh-er-ahhj-yuh-ahh
Eye-Primary	oýu	oh-yuh-u
Nose-Nares	nariſ	n-ahh-er-e-shh
Mouth-Primary	bokə	b-oh-k-ahh
Tooth-Primary	dēti	d-ehn-t-eee
Fingernail-Primary	ujə	u-VdPalatalNasal-ahh
Foot-Primary	pe	p-eh
Leg-Perna	pərnə	p-eh-er-n-ahh
Knee-Genuculum	ȝwəȝu	gzah-w-ahh-yuh-u
Hand-Primary	mæ̃w	m-au_diphthong_nasal
Wing-Primary	a	ah
Belly-Pantex	pəse	p-ahn-s-ahh
Guts-Primary	ȝtreyne	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck-Primary	kəlu	k-euh-l-u
Back-Spatula	iʃpadwə	e-shh-p-ah-d-w-ahh
Breast-Primary	seju	s-ahhj-u
Breast-Pectus	pejtu	p-ahhj-t-u
Heart-Primary	kor	k-oh-er
Heart-Anima	alme	ah-l-m-ahh
Liver-Primary	fɪyeðu	f-e-juh-ahh-dd-u
Sun-Primary	sɔl	s-euh-ssha
Moon-Primary	lue	l-u-ahh
Star-Primary	iſtrele	eee-shh-t-er-ay-l-ahh
Water-Primary	agwe	ah-g-w-ahh
Rain-Primary	ſuve	shh-u-v-ahh
River-Primary	flumi	f-l-u-m-eee
River-Rivus	riu	rr-e-u
Lake-Primary	layu	l-ah-juh-u
Sea-Primary	mar	m-ah-er
Salt-Primary	sal	s-ah-l
Stone-Primary	ſeijſu	s-ahhj-shh-u
Stone-Petra	peðrə	p-eh-dd-er-ahh
Sand-Primary	areje	ahh-er-ahhj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	po	p-euh
Earth-Primary	teſte	t-eh-rr-ahh
Cloud-Primary	nuvə̃j	n-u-v-ahnjn
Fog-Primary	keliȝẽj	k-ahh-l-e-gzah-ahnjn
Fog-Nebula	nevwə	n-eh-v-w-ahh
Fog-Tenebras	tr̥eveſ	t-er-eh-v-ahh-shh
Fog-Fumata	fumase	f-u-m-ah-s-ahh
Sky-Primary	sew	s-eh-w
Wind-Primary	v̥etu	v-ehn-t-u
Snow-Primary	nevi	n-eh-v-eee
Smoke-Primary	fumu	f-u-m-u
Fire-Focus	foyū	f-oh-juh-u
Ash-Cinisia	ſize	s-een-zz-ahh

Appendix 5 - Word Lists by Language

Road-Primary	vír	v-e-ahh
Road-Strata	iſtraða	e-shh-t-er-ah-dd-ahh
Road-Camminus	kemijnu	k-ahh-m-e-VdPalatalNasal-u
Mountain-Primary	mõti	m-on-t-eee
Mountain-Montanea	mõtēnja	m-on-t-ahh-VdPalatalNasal-ahh
Night-Primary	nojti	n-oj_diphthong-t-eee
Day-Primary	dír	d-e-ahh
Day-Diurna	ȝɔrná	gzah-euh-rr-n-ah
Year-Primary	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
Tongue-Primary	līgwæ	l-een-g-w-ahh
I-Primary	ew	ay-w
We-Primary	nɔʃ	n-euh-shh
YouPlural-Primary	vɔʃ	v-oh-shh
YouSingular-Primary	tu	t-u
YouSingular-VostramMercedem	vøse	v-euh-s-ay
ToDrink-Primary	bíþer	b-eee-bb-ay-er
ToEat-Primary	kumer	k-u-m-ay-er
ToBite-Primary	murðer	m-u-er-dd-ay-er
ToBite-Morsicare	musəgar	m-u-s-aah-g-ah-r
ToSuck-Primary	ſufar	shh-u-shh-ah-er
ToSuck-Sugere	sugar	s-u-g-ah-er
ToSpit-Primary	kuspír	k-u-shh-p-e-er
ToBreathe-Primary	kispírar	rr-eee-shh-p-e-er-ah-er
ToLaugh-Primary	kir	rr-e-er
ToSee-Primary	ver	v-ay-er
ToHear-Primary	owvir	oh-w-v-e-er
ToKnow-Sapere	séber	s-ahh-b-ay-er
ToKnow-Cognoscere	kujiser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink-Primary	kužitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pěsar	p-ehn-s-ah-er
ToSmell-Sentire	sětir	s-ehn-t-e-er
ToSmell-Fragrare	ſejfar	shh-ahhj-er-ah-er
ToFear-Primary	timer	t-eee-m-ay-er
ToFear-Tremere	trimer	t-er-eee-m-ay-er
ToSleep-Primary	durmír	d-u-er-m-e-er
ToLive-Primary	viver	v-e-v-ay-er
ToDie-Primary	muker	m-u-rr-ay-er
ToKill-Mactare	metar	m-ahh-t-ah-er
ToFight-Battuere	beter	b-ahh-t-ay-er
ToHunt-Captiare	kesar	k-ahh-s-ah-er
ToHit-Primary	puſar	p-u-shh-ah-er
ToCut-Primary	siyar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	teλar	t-ahh-yuh-ah-er
ToSplit-Primary	diviðir	d-e-v-e-dd-e-er
ToSplit-Findere	fèder	f-ehn-d-ay-er
ToSplit-Partire	partir	p-ahh-er-t-e-er
ToSplit-Separare	síparat	s-eee-p-ahh-er-ah-er
ToStab-Primary	pūžir	p-ooo-gzah-e-er
ToScratch-Primary	kevar	rr-ahh-ay-er
ToScratch-Rasare	kezat	rr-ahh-zz-ah-er
ToScratch-Rasicare	kejkat	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kevar	k-ahh-v-ah-er
ToDig-Excavare	iſkevar	e-shh-k-ahh-v-ah-er
ToSwim-Primary	neðar	n-ahh-dd-ah-er
ToSwim-Navigare	nevýgar	n-ahh-v-eee-juh-ah-er
ToFly-Primary	vwar	v-w-ah-er
ToWalk-Primary	kemijar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	ẽdar	ahn-d-ah-er
ToCome-Primary	vír	v-e-er
ToLieAsInABed-Primary	iſtèder	e-shh-t-ehn-d-ay-er

Appendix 5 - Word Lists by Language

ToLieAsInABed-lacere	ȝ̄zer	gzah-ahh-zz-ay-er
ToSit-Primary	ser	s-ay-er
ToSit-Sedentare	s̄tar	s-ehn-t-ah-er
ToStand-Primary	iʃtar	eee-shh-t-ah-er
ToStand-Levare	livar	l-eee-v-ah-er
ToStand-Altiare	alsar	ah-ssha-s-ah-er
ToTurnIntransitive-Primary	turnar	t-u-er-n-ah-er
ToTurnIntransitive-Gyrare	ȝ̄irar	gzah-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall-Primary	keir	k-ahh-e-er
ToFall-Tumbare	tōbar	t-on-b-ah-er
ToGive-Primary	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold-Primary	ter	t-ay-er
ToSqueeze-Primary	iʃpr̄emer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	s̄ərar	s-aah-VlUvularTrill-ah-er
ToSqueeze-Serare	sikar	s-eee-rr-ah-er
ToSqueeze-Appectorare	ep̄irtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əstr̄izir	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iʃfriyar	eee-shh-f-er-eee-juh-ah-er
ToWash-Primary	levar	l-ahh-v-ah-er
ToWipe-Exsucare	ɛ̄juyar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	l̄ipar	l-een-p-ah-er
ToPull-Primary	tirar	t-e-er-ah-er
ToPull-Trahere	trezer	t-er-ahh-zz-ay-er
ToThrow-Primary	ȝ̄ejtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	l̄esar	l-ahn-s-ah-er
ToTie-Aptare	etar	ahh-t-ah-er
ToSew-Primary	kuzer	k-u-zz-ay-er
ToCount-Primary	kōtar	k-on-t-ah-er
ToSay-Primary	dizer	d-e-zz-ay-er
ToSing-Primary	ketař	k-ahn-t-ah-er
ToPlay-Jiocare	ȝ̄uŷar	gzah-u-juh-ah-er
ToFloat-Primary	flutuar	f-l-u-t-u-ah-er
ToFlow-Primary	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	iʃkureř	e-shh-k-u-VlUvularTrill-ay-er
ToFlow-Currere	kuker	k-u-rr-ay-er
ToFreeze-Primary	ȝ̄ilar	gzah-eee-l-ah-er
ToSwell-Primary	ȝ̄far	een-shh-ah-er
ToSwell-Intumescere	ȝ̄tumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriſser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmaře	k-ayj-m-ah-rr-ay
ToBurn-Ardere	erder	ahh-er-d-ay-er
ToBurn-Incendere	ȝ̄sēdjar	een-s-ehn-d-jg-ah-er
All-Totus	tođu	t-oh-dd-u
Many-Primary	mūjtu	m-ooo-jn-t-u
Many-Tantus	tētu	t-ahn-t-u
Some-Primary	algū	ah-ssha-g-ooo
Few-Primary	powku	p-oh-w-k-u
Other-Primary	owtru	oh-w-t-er-u
Other-Alius	ař	ah-ssha
Big-Grandem	gr̄di	g-er-ahn-d-eee
Long-Longum	lōgu	l-on-g-u
Long-Largum	largu	l-ah-er-g-u
Wide-Primary	latu	l-ah-t-u
Wide-Amplum	ȝ̄fu	ahn-shh-u
Thick-Primary	graſu	g-er-ah-shh-u
Thick-Spisum	iʃpesu	e-shh-p-ay-s-u
Thick-Grossus	groſu	g-er-oh-s-u
Heavy-Primary	gravi	g-er-ah-v-eee
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Short-Primary	kurtu	k-u-er-t-u

Appendix 5 - Word Lists by Language

Short-Brevis	brevi	b-er-eh-v-eee
Narrow-Strictus	iſtrejtu	eee-shh-t-er-ahhj-t-u
Thin-Primary	miuðu	m-e-u-dd-u
Thin-Delicatus	dɛlγaðu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	sufſiw	s-u-ts-e-w
Warm-Primary	kaldu	k-ah-l-d-u
Cold-Primary	friu	f-er-e-u
Cold-Recens	veseñfi	rr-ay-s-chn-ts-e
Full-Primary	ſeju	shh-ahhj-u
New-Primary	novu	n-oh-v-u
Old-Primary	veðu	v-ay-yuh-u
Good-Primary	bð	b-on
Bad-Primary	maw	m-ah-w
Rotten-Putrem	poðri	p-oh-dd-er-eee
Dirty-Primary	sørdidu	s-euh-er-d-e-d-u
Dirty-Spurcus	iſpurku	e-shh-p-u-er-k-u
Straight-Primary	direjtu	d-e-er-ahhj-t-u
Round-Primary	kríðdu	rr-eee-d-on-d-u
SharpAsAKnife-Primary	vygðu	ahh-juh-u-dd-u
Smooth-Nitidus	nedžu	n-eh-VdPalatoAlveolarSibilant-u
Dry-Primary	seku	s-ay-k-u
Near-Primary	prosimu	p-er-oh-s-e-m-u
Near-Vicus	vizijnu	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	deſtru	d-eh-shh-t-er-u
Left-Primary	ſeſtru	s-ch-shh-t-er-u
Red-Primary	koſu	rr-oh-shh-u
Red-Vermiculus	virmejðu	v-eee-er-m-ahhj-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green-Primary	verdi	v-ay-er-d-eee
Yellow-Amarellus	emereſlu	ahh-m-ahh-er-eh-l-u
White-Primary	alvu	ah-l-v-u
Black-Primary	negru	n-ay-g-er-u
Black-Pretto	pretu	p-er-ay-t-u
One-Primary	ü	ooo
Two-Duos	dojſ	d-oj_diphthong-shh
Two-Duas	dueſ	d-u-ahh-shh
Three-Primary	treſ	t-er-ay-shh
Four-Primary	kwatru	k-w-ah-t-er-u
Five-Primary	síku	s-een-k-u
Here-Primary	eki	ahh-k-e
There-Primary	la	l-ah
There-Adlbi	ei	ahh-e
Who-Quem	kej	k-ahnjn
What-Primary	ki	k-eee
When-Quando	kwèdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not-Primary	næw	n-au_diphthong_nasal
Not-Nec	næj	n-ahnjn
At-Primary	ə	ahh
In-In	ɛj	ahnjn
With-Cum	kð	k-on
And-Et	i	e
And-Si	sí	s-een
If-Primary	si	s-eee
Because-Quod	ki	k-eee

Catalan

Cognate	IPA	Sounds
Woman-Primary	fembra	f-ay-m-b-er-ah
Woman-Mulier	muλe	m-u-yuh-ay
Woman-Domina	donə	d-euh-n-aah

Appendix 5 - Word Lists by Language

Child-Ninnus	nen	n-ay-n
Wife-Primary	øspøzø	aah-s-p-euh-zz-aah
Husband-Primary	marit	m-ah-er-e-t
Husband-Sponsus	øspøs	aah-s-p-euh-s
Mother-Primary	mara	m-ah-er-aah
Father-Primary	parø	p-ah-er-aah
Fish-Piskem	peʃ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Aucellus	usey	u-s-ay-yuh
Dog-Primary	ka	k-ah
Louse-Primary	poλ	p-oh-yuh
Snake-Primary	sørpøn	s-aah-r-p-ay-n
Worm-Primary	vørm	v-eh-er-m
Tree-Primary	abø	ah-b-er-aah
Forest-Primary	selba	s-ay-l-b-ah
Stick-Primary	pal	p-ah-l
Fruit-Primary	frøjt	f-er-u-jg-t
Seed-Sementia	sømen	s-aah-m-ay-n
Seed-Granum	gra	g-er-ah
Leaf-Primary	fuλø	f-u-yuh-aah
Root-Primary	ørel	aah-r-eh-l
BarkOfATree-Scoreta	øskørsø	aah-s-k-euh-r-s-aah
Flower-Primary	flo	f-l-euh
Grass-Primary	erbø	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin-Primary	konnø	k-oh-n-n-aah
Skin-Pellis	peλ	p-ay-yuh
Meat-Primary	karn	k-ah-r-n
Blood-Primary	saj	s-ah-nya
Bone-Primary	øs	euh-s
FatNoun-Crassia	grøʃ	g-er-ay-shh
Egg-Primary	øw	euh-w
Horn-Primary	kørn	k-euh-r-n
Tail-Primary	kua	k-u-ah
Feather-Primary	plomø	p-l-oh-m-aah
Feather-Penna	peŋø	p-eh-VdPalatalNasal-aah
Hair-Primary	pel	p-eh-l
Hair-Capillus	købeλ	k-aah-b-eh-yuh
Head-Primary	kap	k-ah-p
Head-Testa	testø	t-ay-s-t-aah
Ear-Primary	ureλø	u-er-eh-yuh-aah
Nose-Primary	nas	n-ah-s
Nose-Nares	na:ris	n-A-r-I-s
Mouth-Primary	bokø	b-oh-k-aah
Mouth-Gula	golø	g-oh-l-aah
Foot-Primary	pew	p-eh-w
Leg-Gamba	kambø	k-ah-m-b-aah
Leg-Perna	pørnø	p-eh-r-n-aah
Knee-Genuculum	ζønoλ	gzah-aah-n-oh-yuh
Wing-Primary	alø	ah-l-aah
Belly-Primary	bentrø	b-ay-n-t-er-aah
Belly-Pantex	pajʃø	p-ah-VdPalatalNasal-shh-aah
Guts-Primary	øntrajø	aah-n-t-er-ah-VdPalatalNasal-aah
Neck-Primary	køy	k-euh-yuh
Back-Primary	dos	d-oh-s
Back-Spatula	øspøλyø	aah-s-p-ah-yuh-yuh-aah
Breast-Primary	si	s-e
Breast-Pectus	pit	p-e-t
Heart-Primary	kør	k-euh-r
Liver-Primary	fedʒø	f-ay-VdPalatoAlveolarSibilant-aah
Sun-Primary	sol	s-euh-l
Moon-Primary	λuna	yuh-u-n-aah
Star-Primary	østel	aah-s-t-eh-l

Appendix 5 - Word Lists by Language

Water-Primary	ajywə	aj-juh-w-aah
Rain-Primary	pluʒə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake-Primary	łak	yuh-ah-k
Sea-Primary	mar	m-ah-r
Salt-Primary	sal	s-ah-l
Stone-Petra	peðrə	p-ay-dd-er-aah
Sand-Primary	ərenə	aah-er-ay-n-aah
Sand-Sabulum	sorə	s-oh-r-aah
Dust-Pulwus	pols	p-oh-l-s
Earth-Primary	terə	t-eh-r-aah
Cloud-Nubilus	nuvol	n-u-v-oh-l
Fog-Nebula	newlə	n-ay-w-l-aah
Fog-Tenebras	tənebrəs	t-aah-n-ay-b-er-aah-s
Sky-Primary	sel	s-ch-l
Wind-Primary	ben	b-ay-n
Snow-Primary	new	n-ay-w
Ice-Primary	ȝel	gzah-eh-ssha
Ice-Glacies	glas	g-l-ah-s
Smoke-Primary	fum	f-u-m
Fire-Focus	fɔk	f-euh-k
Ash-Primary	sендə	s-ch-n-d-r-aah
Road-Primary	biə	b-e-aah
Road-Camminus	kəmi	k-aah-m-e
Mountain-Primary	mun	m-u-n
Mountain-Montanea	muntaŋə	m-u-n-t-ah-VdPalatalNasal-aah
Night-Primary	nit	n-e-t
Day-Primary	diə	d-e-aaah
Day-Diurnus	ȝorn	gzah-oh-er-n
Year-Primary	aj	ah-VdPalatalNasal
Name-Nomen	nɔm	n-euh-m
Tongue-Primary	λεংgʷə	yuh-eh-nya-g-w-aah
I-Primary	ȝo	gzah-euh
YouPlural-Primary	bus	b-u-s
YouSingular-Primary	tu	t-u
YouSingular-VostramMercedem	voste	v-oh-s-t-ay
ToDrink-Primary	bewrə	b-eh-w-er-aah
ToEat-Manducare	məŋʒa	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəyə	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əskupi	aah-s-k-u-p-e
ToBreathe-Primary	rəspira	r-aaah-s-p-e-er-ah
ToLaugh-Primary	riwə	r-e-w-er-aah
ToSee-Primary	bewrə	b-eh-w-er-aah
ToHear-Primary	ui	u-e
ToKnow-Sapere	səβe	s-aah-bb-eh
ToKnow-Cognoscere	kunɛʃə	k-u-n-eh-shh-aah
ToThink-Primary	kujda	k-u-jg-d-ah
ToThink-Pensare	pənsa	p-aah-n-s-ah
ToSmell-Sentire	sənti	s-aah-n-t-e
ToSmell-Olere	ulura	u-l-u-er-ah
ToSmell-Fragrare	flejra	f-l-aah-jg-er-ah
ToFear-Primary	temə	t-ay-m-aah
ToSleep-Primary	durmı	d-u-r-m-e
ToLive-Primary	biwə	b-e-w-er-aah
ToDie-Primary	muri	m-u-er-e
ToKill-Primary	nəga	n-aah-g-ah
ToKill-Mactare	məta	m-aah-t-ah
ToKill-Occidere	uksi	u-k-s-e
ToFight-Primary	puña	p-u-VdPalatalNasal-ah
ToFight-Battuere	batrə	b-ah-t-er-aah
ToHunt-Captiare	kəsa	k-aaah-s-ah
ToCut-Primary	səya	s-aah-juh-ah
ToCut-Taliare	təɬa	t-aah-yuh-ah

Appendix 5 - Word Lists by Language

ToSplit-Primary	dibidi	d-e-b-e-d-e
ToSplit-Findere	fendrə	f-eh-n-d-er-aah
ToSplit-Partire	pərti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab-Primary	pupi	p-u-VdPalatalNasal-e
ToScratch-Primary	rawrə	r-ah-w-er-aah
ToScratch-Rasare	rəza	r-aah-zz-ah
ToScratch-Rasicare	rəska	r-aah-s-k-ah
ToDig-Cavare	kəba	k-aah-b-ah
ToSwim-Primary	nəda	n-aah-d-ah
ToSwim-Navigare	nəbəga	n-aah-b-aah-g-ah
ToFly-Primary	bula	b-u-l-ah
ToWalk-Primary	kəmina	k-aah-m-e-n-ah
ToCome-Primary	bəni	b-aah-n-e
ToLieAsInABed-Primary	əstendrə	aah-s-t-ay-n-d-er-aah
ToLieAsInABed-Iacere	ʒawrə	gzah-ah-w-er-aah
ToStand-Primary	əsta	aah-s-t-ah
ToStand-Levare	λəba	yuh-aah-b-ah
ToStand-Altiare	əlsa	aah-l-s-ah
ToTurnIntransitive-Primary	turna	t-u-r-n-ah
ToTurnIntransitive-Gyrare	žira	gzah-e-er-ah
ToTurnIntransitive-Torquere	tɔrsə	t-euh-r-s-aah
ToFall-Primary	kawrə	k-ah-w-r-aah
ToFall-Tumbare	tumba	t-u-m-b-ah
ToGive-Primary	dar	d-ah-r
ToGive-Donare	duna	d-u-n-ah
ToHold-Primary	təni	t-aah-n-e
ToSqueeze-Primary	əspremə	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	səra	s-aah-r-ah
ToSqueeze-Stringere	əstrepə	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub-Primary	frəga	f-er-aah-g-ah
ToRub-Frictiare	frəsa	f-er-aah-s-ah
ToWash-Primary	λəba	yuh-aah-b-ah
ToWipe-Extergere	əstərʒi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	əfuga	aah-shh-u-g-ah
ToPull-Primary	tira	t-e-er-ah
ToPull-Trahere	trəwə	t-er-eh-w-er-aah
ToPush-Primary	əmpreŋə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow-Primary	xita	xha-e-t-ah
ToThrow-Lanceare	λənsa	yuh-aah-n-s-ah
ToTie-Primary	xiya	yuh-e-juh-ah
ToSew-Primary	kuzi	k-u-zz-e
ToCount-Primary	kumta	k-u-m-t-ah
ToCount-Numerare	numera	n-u-m-ay-er-ah
ToSay-Primary	di	d-e
ToSing-Primary	kənta	k-aah-n-t-ah
ToPlay-Jiocare	žuga	gzah-u-g-ah
ToFloat-Primary	fluktua	f-l-u-k-t-u-ah
ToFlow-Primary	flui	f-l-u-e
ToFlow-Colare	kuł	k-u-ssha-ah
ToFlow-Excurrere	əskorə	aah-s-k-oh-r-aah
ToFlow-Currere	korə	k-oh-r-ahah
ToFreeze-Primary	ʒəla	gzah-aah-l-ah
ToFreeze-Glaciare	gləsa	g-l-aah-s-ah
ToSwell-Primary	imfla	e-m-f-l-ah
ToSwell-Crescere	kreʃə	k-er-ay-shh-aah
ToBurn-Cremare	krəma	k-r-aah-m-ah
ToBurn-Flammare	flama	f-ssha-ah-m-ah
ToBurn-Incidere	ənsendrə	aah-n-s-ay-n-d-er-aah
All-Totus	tot	t-oh-t
Many-Primary	mol	m-oh-l
Many-Tantus	tant	t-ah-n-t
Some-Primary	əlgū	aah-l-g-u

Appendix 5 - Word Lists by Language

Few-Primary	pók	p-euh-k
Other-Primary	altrø	ah-l-t-er-aah
Big-Grandem	gran	g-r-ah-n
Long-Longum	λογ	yuh-oh-nya
Long-Largum	λark	yuh-ah-er-k
Wide-Amplum	amplø	ah-m-p-l-aah
Thick-Primary	gras	g-er-ah-s
Thick-Spissum	øspes	aah-s-p-eh-s
Thick-Grossus	grøs	g-er-euh-s
Heavy-Primary	grew	g-er-ay-w
Small-Primary	pøtit	p-aah-t-e-t
Short-Primary	kurt	k-u-er-t
Short-Brevis	brew	b-er-ay-w
Narrow-Strictus	østret	aah-s-t-er-eh-t
Thin-Primary	mønut	m-aah-n-u-t
Thin-Delicatus	dølikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Warm-Primary	kal	k-ah-ssha
Cold-Primary	fret	f-er-eh-t
Full-Primary	ple	p-ssha-eh
New-Primary	nøw	n-euh-w
New-Novellus	nuβελø	n-u-bb-ay-yuh-oh
Old-Primary	veλ	v-ay-yuh
Good-Primary	bøn	b-euh-n
Bad-Primary	mal	m-ah-l
Rotten-Primary	puðrit	p-u-dd-er-e-t
Straight-Primary	dret	d-er-eh-t
Round-Primary	rødo	r-aah-d-oh
SharpAsAKnife-Primary	øgut	aah-g-u-t
Smooth-Primary	suaw	s-u-ah-w
Smooth-Nitidus	net	n-eh-t
Dry-Primary	sek	s-eh-k
Near-Primary	proizme	p-er-oh-e-zz-m-ay
Near-AdPrope	øprøp	aah-p-er-euh-p
Near-Vicinus	bøi	b-aah-e
Far-Primary	λunta	yuh-u-n-t-ah
Right-Dextrem	destrø	d-ay-s-t-er-aah
Red-Primary	ros	r-oh-s
Red-Vermiculus	børmelø	b-aah-r-m-eh-yuh
Red-Rubeus	rudʒe	r-u-VdPalatoAlveolarSibilant-ay
Green-Primary	vert	v-eh-er-t
White-Primary	alb	ah-l-b
Black-Primary	neyrø	n-eh-juh-er-aah
One-Primary	un	u-n
Two-Duos	dos	d-oh-s
Three-Primary	tres	t-r-eh-s
Four-Primary	kwatrø	k-w-ah-t-er-aah
Five-Primary	siŋk	s-e-nya-k
Here-Primary	aki	ah-k-e
There-Primary	əλa	aah-yuh-ah
Who-Qui	ki	k-e
What-Primary	ke	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	køm	k-euh-m
Not-Primary	no	n-oh
Not-Nec	ni	n-e
At-Primary	a	ah
In-In	ən	aah-n
In-Deintus	dins	d-e-n-s
And-Et	i	e
And-Si	si	s-e
If-Primary	si	s-e
Because-Quod	kø	k-aah

Appendix 5 - Word Lists by Language

Walloon

Cognate	IPA	Sounds
Woman-Primary	fœm	f-uhh-m
Woman-Domina	dam	d-ah-m
Child-Primary	ɛfā	eh-f-NasalA
Mother-Primary	mer	m-ay-r
Father-Primary	per	p-eh-r
Animal-Bestia	bies	b-e-eh-s
Fish-Pescion	pehō	p-eh-h-on
Bird-Aucellus	uhē	u-h-eh
Dog-Primary	ſē	ts-ehnn
Louse-Primary	pju	p-jg-u
Snake-Primary	sjerpē	s-jg-eh-r-p-ehn
Worm-Primary	vjer	v-jg-ay-r
Tree-Primary	ɔp	euh-p
Stick-Primary	pa	p-a
Fruit-Primary	fryt	f-r-eeh-t
Seed-Sementia	simēs	s-e-m-ehn-s
Seed-Granum	grin	g-r-e-n
Leaf-Primary	fj̄	f-mid_low_diphthong
Root-Radicina	resen	r-eh-s-eh-n
BarkOfATree-Scoreta	hwes	h-w-eh-s
Flower-Primary	flør	f-l-uhh-r
Grass-Primary	jep	jg-eh-p
Skin-Primary	kojin	k-oj_diphthong-e-n
Skin-Pellis	pē	p-eh
Meat-Primary	ſtar	ts-a-r
Blood-Primary	sōg	s-oon-g
Bone-Primary	øhe	euh-h-eh
FatNoun-Crassia	krøh	k-r-euh-h
Egg-Primary	u	u
Horn-Cornua	kwēn	k-w-eh-n
Tail-Primary	kōw	k-euh-w
Feather-Primary	plōm	p-l-euh-m
Feather-Penna	pēn	p-eh-n
Hair-Capillus	đyvē	VdPalatoAlveolarSibilant-v-eh
Head-Testa	ſjes	ts-eh-s
Ear-Primary	ɔrej	euh-VlUvularTrill-chj
Eye-Primary	uj	u-jg
Nose-Primary	ne	n-ay
Mouth-Primary	bōk	b-euh-k
Mouth-Gula	gœj	g-uhh-jg
Tooth-Primary	dē	d-ehnn
Fingernail-Primary	ɔg	oon-g
Foot-Primary	pī	p-e
Leg-Gamba	dʒap	VdPalatoAlveolarSibilant-NasalA-p
Knee-Genuculum	jŋo	VdPalatalNasal-VdPalatalNasal-euh
Hand-Primary	mē	m-ehnn
Wing-Primary	el	ay-l
Belly-Primary	v̄t	v-ehnn-t
Belly-Pantex	pās	p-NasalA-s
Neck-Primary	ko	k-oh
Back-Primary	do	d-oh
Back-Spatula	spal	s-p-ah-l
Breast-Pectorina	pwetrin	p-w-eh-t-r-e-n
Heart-Primary	kur	k-u-r
Heart-Anima	am	a-m
Liver-Primary	fæt	f-uhh-t
Sun-Soliculus	solo	s-euh-l-euh
Moon-Primary	lən	l-uu-n
Star-Primary	stœl	s-t-uhh-l

Appendix 5 - Word Lists by Language

Water-Primary	ew	eh-w
Rain-Primary	plef	p-l-eh-f
River-Rivus	re	r-eh
River-Riparia	rivi:r	r-e-v-E-r
Lake-Primary	lak	l-ah-k
Sea-Primary	mer	m-ay-r
Salt-Primary	se	s-ay
Stone-Petra	pir	p-e-r
Sand-Primary	aren	ah-r-eh-n
Sand-Sabulo	savjɔ̃	s-a-v-jg-oon
Earth-Primary	ter	t-ay-r
Fog-Nebula	njyl	n-jg-ech-l
Sky-Primary	sir	s-e-r
Wind-Primary	v̄e	v-ehnn
Snow-Primary	nivaj	n-e-v-aj
Ice-Glacies	gles	g-l-eh-s
Fire-Focus	fœ	f-uuh
Ash-Primary	set̄	s-ehnn-t
Road-Primary	voj̄	v-oj_diphthong
Road-Camminus	ʃimē	ts-e-m-ehnn
Mountain-Primary	mō̄	m-oon
Mountain-Montanea	mō̄taj̄	m-oon-t-ah-VdPalatalNasal
Night-Primary	nyt	n-ech-t
Day-Diurnus	dʒu	VdPalatoAlveolarSibilant-u
Year-Primary	ā	NasalA
Name-Nomen	nō̄	n-oon
Tongue-Primary	lēv	l-ehnn-v
I-Primary	dʒi	VdPalatoAlveolarSibilant-e
We-Primary	no	n-oh
YouPlural-Primary	vo	v-oh
YouSingular-Primary	ti	t-e
ToDrink-Primary	bø̄s	b-uu-rr
ToEat-Manducare	maŋi	m-ah-VdPalatalNasal-e
ToSuck-Primary	sysi	s-eeh-s-e
ToBlow-Primary	søfle	s-euh-f-l-ay
ToLaugh-Primary	rir	r-e-r
ToSee-Primary	vej	v-ehj
ToHear-Primary	ɔji	mid_low_diphthong-e
ToKnow-Sapere	savør	s-ah-v-uu-r
ToKnow-Cognoscere	kinɔh	k-e-n-euh-h
ToThink-Pensare	pēse	p-ehnn-s-ay
ToSmell-Sentire	seti	s-ehnn-t-e
ToSleep-Primary	dwēkmi	d-w-eh-rr-m-e
ToDie-Primary	møri	m-euh-r-e
ToKill-Tutari	tuwe	t-u-w-ay
ToFight-Battuere	bat	b-ah-t
ToHunt-Captiare	ʃesi	ts-eh-s-e
ToCut-Taliare	teji	t-eh-jg-e
ToSplit-Findere	fēd	f-ehnn-d
ToSplit-Partire	parti	p-a-r-t-e
ToStab-Primary	pō̄d	p-oon-d
ToDig-Cavare	ʃave	ts-ah-v-ay
ToSwim-Navigare	nōji	n-euh-jg-e
ToFly-Primary	vole	v-euh-l-ay
ToCome-Primary	vini	v-e-n-e
ToLieAsInABed-Iacere	dʒir	VdPalatoAlveolarSibilant-e-r
ToStand-Levare	leve	l-eh-v-ay
ToStand-Altiare	osi	oh-s-e
ToTurnIntransitive-Primary	turne	t-u-r-n-ay
ToFall-Primary	ʃer	ts-eh-r
ToFall-Tumbare	tume	t-u-m-ay
ToGive-Donare	dine	d-e-n-ay
ToHold-Primary	tini	t-e-n-e

Appendix 5 - Word Lists by Language

ToSqueeze-Serare	sere	s-ch-r-ay
ToSqueeze-Stringere	strēnd	s-t-r-ehnn-n-d
ToRub-Primary	froji	f-r-mid_low_diphthong-e
ToRub-Frictare	frote	f-r-euh-t-ay
ToWash-Primary	lave	l-ah-v-ay
ToWipe-Exsucare	sye	s-ceh-ay
ToPull-Primary	tire	t-e-r-ay
ToThrow-Primary	dʒete	VdPalatoAlveolarSibilant-ch-t-ay
ToThrow-Lanceare	lāsi	l-NasalA-s-e
ToTie-Primary	lōji	l-mid_low_diphthong-e
ToSew-Primary	køz	k-uu-zz
ToCount-Primary	kote	k-oh-t-ay
ToSay-Primary	dir	d-e-r
ToSing-Primary	ʃate	ts-NasalA-t-ay
ToPlay-Jiocare	džuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	kole	k-euh-l-ay
ToFlow-Currere	kōri	k-euh-r-e
ToFreeze-Primary	džale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell-Primary	ẽfle	ehn-f-l-ay
ToSwell-Conflare	gɔfle	g-oon-f-l-ay
ToSwell-Crescere	krēh	k-r-eh-h
All-Totus	tɔ	t-euh
Some-Primary	alkon	ah-l-k-euh-n
Few-Primary	po	p-oh
Other-Primary	ot	oh-t
Big-Grandem	grā	g-r-NasalA
Long-Longum	lō	l-oon
Long-Largum	ladʒ	l-ah-VdPalatoAlveolarSibilant
Wide-Amplum	ãp	NasalA-p
Thick-Primary	kra	k-r-a
Thick-Spissum	spe	s-p-eh
Thick-Grossus	grɔ	g-er-euh
Heavy-Primary	grav	g-r-a-v
Heavy-Lurdus	lur	l-u-r
Small-Primary	piti	p-e-t-e
Short-Primary	kur	k-u-r
Short-Brevis	bref	b-r-eh-f
Narrow-Strictus	strø:	s-t-r-o
Thin-Primary	mœnu	m-uuuh-n-u
Warm-Primary	ſo	ts-oh
Cold-Primary	frø	f-VlUvularTrill-uu
Full-Primary	płe	p-l-ehnn
New-Primary	nu	n-u
New-Novellus	nɔvja	n-euh-v-jg-ah
New-Novella	nɔvja	n-euh-v-jg-ah
Old-Primary	ví	v-e
Good-Primary	bɔ	b-oon
Bad-Primary	mava	m-a-v-ah
Straight-Primary	drø	d-r-uu
Round-Primary	rɔ	r-oon
SharpAsAKnife-Primary	agy	ah-g-eeh
Smooth-Nitidus	net	n-eh-t
Wet-Primary	ym	eeh-m
Dry-Primary	sef	s-eh-ts
Near-Primary	prom	p-r-oh-m
Near-Pressus	pre	p-r-eh
Near-Vicus	veh̄	v-eh-h-ehnn
Right-Dextrem	djestr	d-jg-eh-s-t-r
Left-Primary	sej̄es	s-eh-VdPalatalNasal-eh-s
Red-Primary	rɔdʒ	r-euh-VdPalatoAlveolarSibilant
Red-Rubeus	rɔf	r-euh-ts
Green-Primary	ver	v-ay-r
Yellow-Primary	dʒen	VdPalatoAlveolarSibilant-ch-n

Appendix 5 - Word Lists by Language

Black-Primary	nør	n-uu-r
One-Primary	ð	oon
Two-Duos	dø:s	d-o-s
Three-Primary	trøs	t-r-uu-s
Four-Primary	kwat	k-w-ah-t
Five-Primary	sék	s-ehnn-k
There-Primary	la	l-ah
Who-Qui	ki	k-e
What-Primary	kwɛ	k-w-eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kom	k-oh-m
Not-Primary	nð	n-oon
Not-Nec	ni	n-e
At-Primary	a	ah
In-In	ən	eh-n
With-Abhoc	avu	ah-v-u
And-Et	ɛ	eh
And-Si	si	s-e
If-Primary	si	s-e

Friulian

Cognate	IPA	Sounds
Woman-Primary	femeine	f-eh-m-e-n-ay
Woman-Mulier	mui:r	m-u-E-r
Woman-Domina	døne	d-euh-n-ay
Child-Ninnus	nini	n-e-n-e
Wife-Primary	spose	s-p-oh-s-ay
Husband-Primary	mari:t	m-ah-r-E-t
Husband-Sponsus	spo:s	s-p-O-s
Mother-Primary	mari	m-ah-r-e
Father-Primary	pari	p-ah-r-e
Father-Tata	tate	t-ah-t-ay
Animal-Primary	nema:l	n-ay-m-A-l
Animal-Bestia	bis	b-e-s
Fish-Piskem	pes	p-eh-s
Bird-Aucellus	ufjel	u-ts-jg-eh-l
Bird-Passerem	pasar	p-ah-s-ah-r
Dog-Primary	can	tya-ah-n
Louse-Primary	pedo:li	p-ay-d-O-l-e
Snake-Primary	sarpint	s-ah-r-p-e-n-t
Worm-Primary	vja:r	v-jg-A-r
Tree-Primary	arbul	ah-r-b-u-l
Forest-Primary	selve	s-eh-l-v-ay
Stick-Primary	pa:l	p-A-l
Fruit-Primary	frut	f-r-u-t
Seed-Sementia	sementʃɛ	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	g-r-ah-n
Leaf-Primary	fwee	f-w-ay-ay
Root-Primary	radri:s	r-ah-d-r-E-s
BarkOfATree-Scoreta	skwartʃe	s-k-w-ah-r-ts-ay
Flower-Primary	flo:r	f-l-O-r
Grass-Primary	jerbe	jg-ay-r-b-ay
Grass-Gramen	grame	g-r-ah-m-ay
Rope-Restis	rjestē	r-jg-ay-s-t-ay
Skin-Pellis	pjel	p-jg-eh-l
Meat-Primary	ca:r	tya-A-r
Blood-Primary	sank	s-ah-n-k
Bone-Primary	wes	w-eh-s
FatNoun-Crassia	gras	g-r-ah-s
Egg-Primary	uf	U-f
Horn-Cornua	kwar	k-w-ah-r

Appendix 5 - Word Lists by Language

Tail-Primary	køðe	k-euh-d-eh
Feather-Primary	plumε	p-l-u-m-eh
Feather-Penna	pene	p-eh-n-ay
Hair-Primary	pe:l	p-ai-l
Hair-Capillus	cavel	tya-ah-v-ay-l
Head-Primary	cavεf	tya-ah-v-eh-ts
Head-Testa	teste	t-eh-s-t-ay
Ear-Primary	ore:le	oh-r-ai-l-ay
Eye-Primary	voli	v-oh-l-e
Nose-Primary	na:s	n-A-s
Mouth-Primary	bøce	b-euh-tya-eh
Mouth-Gula	gole	g-euh-l-ay
Tooth-Primary	dint	d-e-n-t
Fingernail-Primary	øngule	euh-n-g-u-l-ay
Foot-Primary	pi:t	p-E-t
Leg-Gamba	jambe	VdPalatalStop-ah-m-b-ay
Leg-Petiolus	pekøl	p-eh-k-euh-l
Knee-Genuculum	dʒenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e
Hand-Primary	man	m-ah-n
Wing-Primary	ale	ah-l-ay
Belly-Primary	vintri	v-e-n-t-r-e
Belly-Pantex	pantse	p-ah-n-VlAlveolarSibilantAffricate-ay
Neck-Primary	kwel	k-w-eh-l
Back-Primary	dwes	d-w-eh-s
Back-Spatula	spale	s-p-ah-l-ay
Breast-Primary	sen	s-ch-n
Breast-Pectus	pet	p-eh-t
Heart-Primary	ku:r	k-U-r
Liver-Primary	fia:t	f-e-A-t
Sun-Soliculus	soreli	s-oh-r-ay-l-e
Moon-Primary	lune	l-u-n-ay
Star-Primary	stèle	s-t-eh-l-ay
Water-Primary	age	ah-g-ay
Rain-Primary	ploje	p-l-oh-jg-ay
River-Primary	flum	f-l-u-m
River-Rivus	riu	r-e-u
Lake-Primary	la:t	l-A-t
Sea-Primary	ma:r	m-A-r
Salt-Primary	sa:l	s-A-l
Stone-Primary	sas	s-ah-s
Stone-Petra	pjere	p-jg-ay-r-ay
Sand-Primary	rene	r-eh-n-ay
Sand-Sabulo	savaløn	s-ah-v-ah-l-euh-n
Dust-Primary	polvar	p-euh-l-v-ah-r
Earth-Primary	tjere	t-jg-eh-r-ay
Cloud-Nubilus	nu:l	n-U-l
Fog-Fumata	fumate	f-u-m-ah-t-ay
Sky-Primary	ſjí:l	ts-E-l
Wind-Primary	'vint	v-e-n-t
Snow-Primary	ne:f	n-ai-f
Ice-Glacies	glafε	g-l-ah-ts-ay
Smoke-Primary	fum	f-u-m
Fire-Focus	fu:k	f-U-k
Ash-Cinisia	ſfinise	ts-e-n-e-s-eh
Road-Primary	vie	v-e-ay
Road-Strata	strade	s-t-r-ah-d-ay
Road-Camminus	camin	tya-ah-m-e-n
Mountain-Primary	mønt	m-euh-n-t
Mountain-Montanea	montaje	m-oh-n-t-ah-VdPalatalNasal-ay
Night-Primary	jøt	VdPalatalNasal-euh-t
Day-Primary	di	d-e
Day-Diurnata	dʒornade	VdPalatoAlveolarSibilant-oh-r-n-ah-d-ay
Year-Primary	an	ah-n

Appendix 5 - Word Lists by Language

Name-Nomen	n̩n	n-euh-n
Tongue-Primary	'lenge	l-eh-n-g-ay
I-Primary	jo	jg-oh
We-Primary	no:	n-O
YouPlural-Primary	vo:	v-O
YouSingular-Primary	tu	t-u
ToDrink-Primary	bevi	b-ay-v-e
ToEat-Manducare	manja:	m-ah-n-VdPalatalStop-A
ToBite-Primary	mwardi	m-w-ah-r-d-e
ToBite-Morsicare	morsea:	m-oh-r-s-ay-A
ToSuck-Primary	cucha:	tya-u-tya-A
ToSpit-Sputare	spuda:	s-p-u-d-A
ToBlow-Primary	sofla:	s-oh-f-l-A
ToBreathe-Primary	respira:	r-ay-s-p-e-r-A
ToLaugh-Primary	ridi	r-e-d-e
ToSee-Primary	vjodi	v-jg-oh-d-e
ToHear-Primary	uldi:	u-l-d-E
ToKnow-Sapere	save:	s-ah-v-ai
ToKnow-Cognoscere	koñosi	k-oh-VdPalatalNasal-euh-s-e
ToThink-Pensare	pensa:	p-ay-n-s-A
ToSmell-Sentire	sinti:	s-e-n-t-E
ToSmell-Olere	nuli:	n-u-l-E
ToFear-Primary	teme	t-ay-m-ay
ToFear-Tremere	trima:	t-r-e-m-A
ToSleep-Primary	durmi:	d-u-r-m-E
ToLive-Primary	vivi	v-e-v-e
ToDie-Primary	muri:	m-u-r-E
ToKill-Primary	nea:	n-ay-A
ToKill-Adnecare	innea:	e-n-n-ay-A
ToKill-Tutari	tuda:	t-u-d-A
ToKill-Mactare	mañja:	m-ah-ts-A
ToFight-Battuere	batí	b-ah-t-e
ToHunt-Captiare	cañja:	tya-ah-ts-A
ToHit-Primary	pulsa:	p-u-l-s-A
ToCut-Primary	sea:	s-ay-A
ToCut-Excurtare	skurta:	s-k-u-r-t-A
ToCut-Taliare	taja:	t-ah-jg-A
ToSplit-Partire	parti:	p-ah-r-t-E
ToStab-Primary	pondži	p-euh-n-VdPalatoAlveolarSibilant-e
ToScratch-Primary	rada:	r-ah-d-A
ToScratch-Rasare	rasa:	r-ah-s-A
ToDig-Cavare	java:	VdPalatalStop-ah-v-A
ToDig-Excavare	sjava:	s-VdPalatalStop-ah-v-A
ToSwim-Primary	nada:	n-ah-d-A
ToSwim-Navigare	naviga:	n-ah-v-e-g-A
ToFly-Exvolare	zvola:	zz-v-oh-l-A
ToWalk-Primary	camina:	tya-ah-m-e-n-A
ToCome-Primary	vipi:	v-e-VdPalatalNasal-E
ToLieAsInABed-Primary	stindi	s-t-e-n-d-e
ToLieAsInABed-Iacere	jesi	jg-ay-s-e
ToSit-Primary	sej	s-ayj
ToSit-Sedentare	senta:	s-ay-n-t-A
ToStand-Primary	sta:	s-t-A
ToStand-Levare	leva:	l-ay-v-A
ToStand-Altiare	alſja:	ah-l-ts-A
ToTurnIntransitive-Primary	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrare	džira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-Torquere	stwardzi	s-t-w-ah-r-VdPalatoAlveolarAffricate-e
ToFall-Primary	cade	tya-ah-d-ay
ToGive-Primary	da:	d-A
ToGive-Donare	dona:	d-oh-n-A
ToHold-Primary	tipi	t-e-VdPalatalNasal-e
ToSqueeze-Primary	esprimi	ay-s-p-r-e-m-e

Appendix 5 - Word Lists by Language

ToSqueeze-Serare	sjera:	s-jg-ay-r-A
ToSqueeze-Stringere	streñdʒi:	s-t-r-eh-n-VdPalatoAlveolarSibilant-E
ToRub-Primary	frea:	f-r-ay-A
ToWash-Primary	lava:	l-ah-v-A
ToWipe-Exsucare	suja:	s-u-jg-A
ToPull-Primary	tira:	t-e-r-A
ToPull-Trahere	traj	t-r-aj
ToThrow-Lanceare	lanʃa:	l-ah-n-ts-A
ToTie-Primary	lea:	l-ay-A
ToSew-Primary	kuzi	k-u-zz-e
ToCount-Primary	konta:	k-oh-n-t-A
ToCount-Numerare	numera:	n-u-m-ay-r-A
ToSay-Primary	di:	d-E
ToSing-Primary	canta:	tya-ah-n-t-A
ToPlay-Jiocare	ðžuja:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Colare	kola:	k-oh-l-A
ToFlow-Excurrere	skɔri:	s-k-euh-r-E
ToFlow-Currere	kɔri	k-euh-r-e
ToFreeze-Primary	ðžela:	VdPalatoAlveolarSibilant-ay-l-A
ToFreeze-Glaciare	glafša:	g-l-ah-ts-A
ToSwell-Primary	enfla:	ay-n-f-l-A
ToSwell-Conflare	zglonfa:	zz-g-l-oh-n-f-A
ToSwell-Crescere	kresi	k-r-eh-s-e
ToBurn-Ardere	ardi	ah-r-d-e
All-Totus	dut	d-u-t
Many-Primary	molc	m-oh-l-tya
Many-Tantus	tanc	t-ah-n-tya
Few-Primary	po:k	p-O-k
Other-Primary	altri	ah-l-t-r-e
Big-Grandem	grant	g-r-ah-n-t
Long-Longum	lunk	l-u-n-k
Long-Largum	lark	l-ah-r-k
Thick-Primary	gras	g-r-ah-s
Thick-Grossus	grwes	g-r-w-eh-s
Heavy-Primary	gr̥evi	g-r-eh-v-e
Small-Pitulus	pit̥ful	p-e-ts-u-l
Short-Primary	kurt	k-u-r-t
Narrow-Strictus	stret	s-t-r-eh-t
Thin-Primary	minu:t	m-e-n-U-t
Thin-Subtilis	suti:l	s-u-t-E-l
Warm-Primary	calt	tya-ah-l-t
Cold-Primary	fre:t	f-r-ai-t
Cold-Recens	retsint	r-ay-VlAlveolarSibilantAffricate-e-n-t
Full-Primary	plen	p-l-eh-n
New-Primary	jnu:f	VdPalatalNasal-U-f
Old-Primary	vjei	v-jg-ay-e
Good-Primary	bɔn	b-euh-n
Bad-Primary	ma:l	m-A-l
Dirty-Spurcus	spørk	s-p-euh-r-k
Straight-Primary	dret	d-r-eh-t
Round-Primary	tarønt	t-ah-r-euh-n-t
Smooth-Nitidus	net	n-eh-t
Wet-Primary	umid	u-m-e-d
Dry-Primary	sek	s-eh-k
Near-Primary	prosim	p-r-oh-s-e-m
Near-Vicus	vítʃin	v-e-ts-e-n
Far-Primary	lontan	l-oh-n-t-ah-n
Right-Dextrem	djestri	d-jg-ay-s-t-r-e
Left-Primary	síñestri	s-e-VdPalatalNasal-ay-s-t-r-e
Red-Primary	rɔs	r-euh-s
Green-Primary	vært	v-eh-r-t
Black-Primary	neri	n-ay-r-e
One-Primary	un]	u-nya

Appendix 5 - Word Lists by Language

Two-Duos	doj	d-oj_diphthong
Three-Primary	'tre:	t-r-ai
Four-Primary	kwatri	k-w-ah-t-r-e
Five-Primary	'fɪŋk	ts-e-nya-k
Here-Primary	aki	ah-k-e
Who-Qui	kwi	k-w-e
What-Primary	ſe	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	ſemu:t	ts-ay-m-U-t
Not-Primary	no	n-oh
At-Primary	a	ah
And-Et	e	ay
And-Si	si	s-e
If-Primary	se	s-ay
Because-Quod	ke	k-ay

Romanian

Cognate	IPA	Sounds
Woman-Primary	femeje	f-ay-m-ay-jg-ay
Woman-Mulier	mujere	m-u-jg-ay-r-ay
Woman-Domina	doǎamnǎ	d-oaa-m-n-aah
Husband-Primary	měrit	m-aah-r-e-t
Husband-Socius	sots	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tatǎ	t-ah-t-ah
Animal-Primary	nǎmaję	n-aah-m-ah-jg-ay
Fish-Piskem	pejte	p-ay-shh-t-ay
Bird-Passerem	pasore	p-ah-s-aah-er-ay
Dog-Primary	kijne	k-eeej-n-ay
Louse-Primary	pǒdukje	p-aah-d-u-k-jg-ay
Snake-Primary	ſarpe	shh-ah-er-p-ay
Worm-Primary	vjerme	v-jg-ay-r-m-ay
Tree-Primary	arbore	ah-r-b-oh-r-ay
Stick-Primary	par	p-ah-er
Fruit-Primary	frukt	f-r-u-k-t
Seed-Sementia	sõminjǎ	s-aah-m-eee-n-ts-aah
Seed-Granum	grīw	g-r-iw
Leaf-Primary	foaje	f-oaa-jg-ay
Leaf-Frondea	frunzǎ	f-er-u-n-zz-aah
Root-Radicina	rǎdějīnǎ	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Scoreta	skoǎrtsǎ	s-k-ooaa-er-VlAlveolarSibilantAffricate-aah
Flower-Primary	floare	f-l-ooaa-er-ay
Grass-Primary	jarbǎ	jg-ah-er-b-aah
Rope-Primary	funje	f-u-n-jg-ay
Skin-Pellis	pjele	p-jg-ay-l-ay
Meat-Primary	karne	k-ah-er-n-ay
Blood-Primary	sindže	s-eee-n-VdPalatoAlveolarSibilant-ay
Bone-Primary	os	oh-s
Egg-Primary	ow	oh-w
Horn-Primary	korn	k-oh-r-n
Tail-Primary	coǎdě	tya-ooaa-d-aah
Feather-Penna	panǎ	p-ah-n-aah
Hair-Primary	pěr	p-aah-er
Head-Primary	kap	k-ah-p
Head-Testa	tseǎsta	VlAlveolarSibilantAffricate-eaha-s-t-aah
Ear-Primary	ureke	u-r-ay-k-ay
Eye-Primary	oki	oh-kpalatal
Nose-Primary	nas	n-ah-s
Mouth-Primary	bukǎ	b-u-k-aah
Mouth-Gula	gurǎ	g-u-er-aaah
Tooth-Primary	dinte	d-e-n-t-ay
Fingernail-Primary	ungje	u-n-g-jg-ay

Appendix 5 - Word Lists by Language

Foot-Primary	piez	p-e-ay-zz
Leg-Gamba	gambø	g-ah-m-b-aah
Leg-Petiolus	pitʃor	p-e-ts-jg-oh-r
Knee-Genuculum	dʒenunkj	VdPalatoAlveolarSibilant-ay-n-u-n-kpalatal
Hand-Primary	mina	m-eee-n-aah
Belly-Primary	vintre	v-e-n-t-r-ay
Belly-Pantex	pintefse	p-eee-n-t-ay-ts-ay
Back-Primary	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay
Breast-Primary	san	s-ah-n
Breast-Pectus	piupt	p-jg-ay-p-t
Heart-Anima	inimø	e-n-e-m-aah
Liver-Primary	fikat	f-e-k-ah-t
Sun-Primary	soare	s-oaa-er-ay
Moon-Primary	lunø	l-u-n-aah
Star-Primary	stea	s-t-eaha
Water-Primary	apø	ah-p-aah
Rain-Primary	ploaje	p-l-oaa-jg-ay
River-Rivus	riw	r-eee-w
Lake-Primary	lak	l-ah-k
Sea-Primary	mare	m-ah-r-ay
Salt-Primary	sare	s-ah-r-ay
Stone-Petra	pjatrø	p-jg-ah-t-er-aah
Sand-Primary	arinø	ah-r-e-n-aah
Dust-Primary	pulbere	p-u-l-b-ay-r-ay
Earth-Primary	tsarø	VlAlveolarSibilantAffricate-ah-r-aah
Cloud-Nubilus	nor	n-oh-r
Fog-Nebula	negurø	n-ay-g-u-r-aah
Fog-Caecia	ʃeafʃø	ts-eaha-ts-aah
Sky-Primary	ʃer	ts-ay-er
Wind-Primary	vint	v-eee-n-t
Snow-Primary	nea	n-eaha
Ice-Primary	dʒer	VdPalatoAlveolarSibilant-ay-r
Ice-Glacies	geatsø	g-eaha-VlAlveolarSibilantAffricate-aah
Smoke-Primary	fum	f-u-m
Fire-Focus	fok	f-oh-k
Ash-Cinisia	ʃenuʃø	ts-ay-n-u-shh-aah
Mountain-Primary	munte	m-u-n-t-ch
Night-Primary	noapte	n-oaa-p-t-ay
Day-Primary	zi	zz-e
Year-Primary	an	ah-n
Name-Nomen	nume	n-u-m-ay
Tongue-Primary	limbø	l-e-m-b-aah
I-Primary	jew	jg-ay-w
We-Primary	noj	n-oj_diphthong
YouPlural-Primary	voj	v-oj_diphthong
YouSingular-Primary	tu	t-u
ToDrink-Primary	bea	b-eaha
ToEat-Manducare	minka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck-Sugere	sudʒe	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	skujpa	s-k-u-jg-p-ah
ToBlow-Primary	sufla	s-u-f-l-ah
ToLaugh-Primary	ride	er-eee-d-ay
ToSee-Primary	vedea	v-ay-d-eaha
ToHear-Primary	auzi	au-zz-e
ToKnow-Primary	ʃti	shh-t-e
ToKnow-Cognoscere	kunoqſte	k-u-n-oaa-shh-t-ay
ToThink-Primary	kudʒeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pøsa	p-aah-s-ah
ToSmell-Sentire	simtsi	s-e-m-VlAlveolarSibilantAffricate-e
ToFear-Primary	teme	t-ay-m-ay
ToSleep-Primary	dormi	d-oh-r-m-e

Appendix 5 - Word Lists by Language

ToLive-Primary	via	v-e-ah
ToDie-Primary	muri	m-u-r-e
ToKill-Primary	neka	n-ay-k-ah
ToKill-Occidere	ufside	u-ts-e-d-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHit-Primary	pulsa	p-u-l-s-ah
ToCut-Excurtare	skurta	s-k-u-r-t-ah
ToCut-Taliare	tøja	t-aah-jg-ah
ToSplit-Primary	divide	d-e-v-e-d-ay
ToSplit-Separare	separa	s-ay-p-ah-r-ah
ToStab-Primary	pundže	p-u-n-VdPalatoAlveolarSibilant-ay
ToScratch-Primary	rade	r-ah-d-ay
ToSwim-Navigare	naviga	n-ah-v-e-g-ah
ToFly-Exvolare	zbura	zz-b-u-er-ah
ToWalk-Mergere	merdže	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome-Primary	veni	v-ay-n-e
ToLieAsInABed-Primary	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-Iacere	zøſea	zz-aah-ts-eaha
ToSit-Primary	ſedeña	shh-ay-d-eaha
ToStand-Primary	sta	s-t-ah
ToStand-Levare	lua	l-u-ah
ToTurnIntransitive-Primary	turna	t-u-r-n-ah
ToTurnIntransitive-Torquere	toarſe	t-oaa-r-ts-ay
ToFall-Primary	kødeña	k-aah-d-eaha
ToGive-Primary	da	d-ah
ToHold-Primary	tsine	VIAlveolarSibilantAffricate-e-n-ay
ToSqueeze-Primary	skremme	s-k-r-ay-m-ay
ToSqueeze-Stringere	strindže	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub-Primary	freka	f-r-ay-k-ah
ToWash-Primary	la	l-ah
ToWipe-Extergere	ſterdže	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Trahore	tradže	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush-Primary	impindže	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToTie-Primary	lega	l-ay-g-ah
ToSew-Primary	coase	tya-ooaa-s-ay
ToCount-Numerare	numara	n-u-m-ah-r-ah
ToSay-Primary	zitſe	zz-e-ts-ay
ToSay-Exponere	spune	s-p-u-n-ay
ToSing-Primary	kinta	k-eee-n-t-ah
ToPlay-Jiocare	žuka	gzah-u-k-ah
ToFloat-Primary	fluctua	f-l-u-tya-t-u-ah
ToFlow-Excurrere	skurdže	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdže	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-g-ay-VIAlveolarSibilantAffricate-ah
ToSwell-Primary	umfla	u-m-f-l-ah
ToSwell-Crescere	kreſte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	intſindže	eee-n-ts-e-n-d-gzah-ay
ToBurn-Ustulare	ustura	u-s-t-u-r-ah
All-Totus	tot	t-oh-t
Many-Primary	mult	m-u-l-t
Other-Primary	alt	ah-l-t
Big-Majorem	mare	m-ah-er-ay
Long-Longum	lung	l-u-n-g
Long-Largum	larg	l-ah-r-g
Wide-Primary	lat	l-ah-t
Thick-Primary	gras	g-r-ah-s
Thick-Grossus	gros	g-r-oh-s
Heavy-Primary	grew	g-er-ay-w
Narrow-Primary	ingust	eee-nya-g-u-s-t
Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin-Primary	mərunt	m-aah-r-u-n-t

Appendix 5 - Word Lists by Language

Thin-Subtilis	subtsire	s-u-b-VIA Alveolar Sibilant Affricate-e-r-ay
Warm-Primary	kald	k-ah-l-d
Cold-Recens	refse	r-ay-ts-ay
Full-Primary	plin	p-l-e-n
New-Primary	now	n-oh-w
New-Novella	nuja	n-u-jg-ah
Old-Primary	vekj	v-ay-kpalatal
Good-Primary	bun	b-u-n
Rotten-Primary	putred	p-u-t-r-ay-d
Dirty-Spurcus	spurk	s-p-u-r-k
Straight-Primary	drept	d-r-ay-p-t
Round-Primary	røtund	r-aah-t-u-n-d
Smooth-Nitidus	neted	n-ay-t-ay-d
Wet-Primary	umed	u-m-ay-d
Wet-Udus	ud	u-d
Dry-Primary	sek	s-ay-k
Near-AdPrope	aproape	ah-p-r-oaa-p-ay
Near-Vicinus	vetſin	v-ay-ts-e-n
Red-Primary	roſu	er-oh-shh-u
Red-Rubeus	rojb	r-oj_diphthong-b
Green-Primary	verde	v-ay-er-d-ay
Yellow-Primary	galben	g-ah-l-b-ay-n
White-Primary	alb	ah-l-b
Black-Primary	negru	n-ay-g-er-u
One-Primary	unu	u-n-u
Two-Duos	doj	d-oj_diphthong
Two-Duae	dowə	d-oh-w-aah
Three-Primary	trej	t-r-ayj
Four-Primary	patru	p-ah-t-r-u
Five-Primary	fing'	ts-e-n-ts
There-Primary	la	l-ah
Who-Quem	fine	ts-e-n-ay
What-Primary	fje	ts-ay
When-Quando	kind	k-eee-n-d
How-Quomodo	kum	k-u-m
Not-Primary	nu	n-u
At-Primary	a	ah
In-In	in	eee-n
With-Cum	ku	k-u
And-Et	e	ay
And-Si	ſi	shh-e
If-Primary	sø	s-aah
Because-Quod	kø	k-aah

Appendix 6 - Segment Groups

Where symbols appear in pairs, the one to the right represents a rounded vowel.

Vowel

	Front	Near-Front	Central	Near-Back	Back
Close	i•y		ɪ		u
Near-close		I		ʊ	
Close-mid	e•ø		ə		o
Mid					
Open-mid		æ•ɛ			ɔ
Near-open			a		
Open		a			ɑ

Long-Vowel

	Front	Near-Front	Central	Near-Back	Back
Close	i:				u:
Near-close					
Close-mid					
Mid	e:				o:
Open-mid					
Near-open					
Open	ø:		a:		

Nasal-Vowel

	Front	Near-Front	Central	Near-Back	Back
Close	ĩ				ẽ
Near-close					ã
Close-mid					õ
Mid					
Open-mid		ɛ			ɔ
Near-open			ã		
Open					ũ

Long-Nasal-Vowel

	Front	Near-Front	Central	Near-Back	Back
Close					
Near-close					

Appendix 6 - Segment Groups

Close-mid					
Mid					
Open-mid					
Near-open					
Open					

Vowel-Diphthong

	Front	Near-Front	Central	Near-Back	Back
Close			ij • iw		
Near-close					
Close-mid					oj
Mid	ej				
Open-mid		ɛj			ɔj
Near-open		aj	ɑ		
Open			au		

Nasal-Vowel-Diphthong

	Front	Near-Front	Central	Near-Back	Back
Close					
Near-close					
Close-mid					
Mid	ẽj				
Open-mid		œ̃			
Near-open			ã		
Open			ãw̃		

Vowel-Non-Syllabic

	Front	Near-Front	Central	Near-Back	Back
Close					
Near-close					
Close-mid					
Mid					
Open-mid					
Near-open					
Open					

Vowel-Diphthong-Non-Syllabic

	Front	Near-Front	Central	Near-Back	Back

Appendix 6 - Segment Groups

Close								
Near-close								
Close-mid		ea						oa
Mid								
Open-mid								
Near-open								
Open								

Pulmonic Consonants

Manner	Bilabial	Labial-Velar	Labio-Dental	Dental	Alveolar	Post-Alveolar	Retroflex	Palatal	Velar	Uvular	Glottal
Nasal, Stop						n			p	ŋ	
Nasal	m							n	ŋ		
Stop	p b kʷ gʷ				t d			c ʃ k g			
Sibilant, Fricative					s z	ʃ ʒ					
Fricative	β		f v θ ð					j x ɣ	v h		
Approximant							ɬ	j			
Tap/Flap					f						
Trill					r				R		
Lateral, Fricative					l			λ			
Lateral, Approximant											
Lateral, Tap/Flap											

Shaded areas denote articulations judged to be impossible. Where symbols appear in pairs, the one to the right represents a modally voiced consonant.

Non-Pulmonic Consonants

Manner	Palatal
Stop	k ^j
Ejective, Stop	
Ejective, Fricative	
Ejective, Lateral, Fricative	
Tenuis, Click	
Nasal, Click	
Tenuis, Lateral, Click	
Implosive	
Lateral, Approximant	

Shaded areas denote articulations judged to be impossible. Where symbols appear in pairs, the one to the right represents a modally voiced consonant.

Pulmonic Affricates

Manner	Alveolar	Palato-Alveolar
Sibilant	ts	tʃ
Lateral Voiced Non-Sibilant		

Shaded areas denote articulations judged to be impossible.

Ejective Affricates

Appendix 6 - Segment Groups

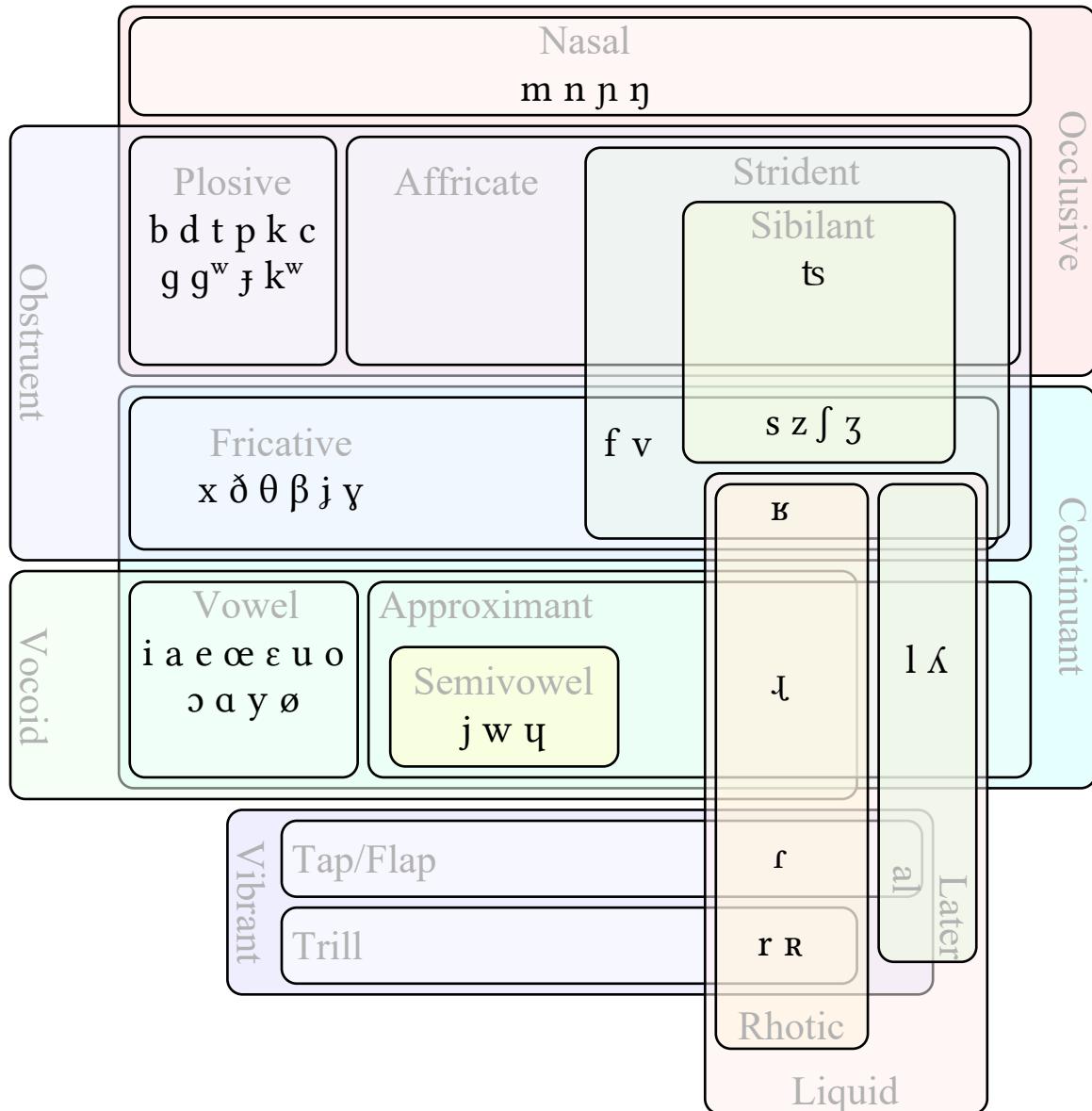
Manner
Central
Lateral

Shaded areas denote articulations judged to be impossible.

Other Segments

W	Labial-Velar Vocoid Semivowel Voiced Approximant Continuant Labial Velar	ɫ	Alveolar Voiced Velarized Pulmonic Lateral Approximant
ɥ	Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant Palatalized Labial	dʒ	Alveolar Voiced Sibilant Affricate
ç	Palato-Alveolar Voiced Sibilant Affricate	j	Palatal Nasal Approximant

Appendix 7 - Euler Feature Diagram



Appendix 8 - International Phonetic Alphabet

IPA Segments

ãj	ẽẅ	au	ea
0250, 0303, 006A, 0303 Near-open Central Nasal Vowel Diphthong	0250, 0303, 0077, 0303 Open Central Nasal Vowel Diphthong	0061, 0075, 032F Open Central Vowel Diphthong	0065, 032F, 0061 Close-mid Front Vowel Diphthong Non-Sylabic
øa	ẽj	aj	a:
006F, 032F, 0061 Close-mid Back Vowel Diphthong Non-Sylabic	1EBD, 006A, 0303 Mid Front Nasal Vowel Diphthong	0061, 006A Near-open Near-Front Vowel Diphthong	0061, 02D0 Open Central Vocoid Long Vowel Continuant
ej	e:	i:	j
0065, 006A Mid Front Vowel Diphthong	0065, 02D0 Mid Front Vocoid Long Vowel Continuant	0069, 02D0 Close Front Vocoid Long Vowel Continuant	006A, 0303 Palatal Nasal Approximant
k̊	kʷ	oŋ	ɔ:
006B, 02B2 Palatal Stop Palatalized	006B, 02B7 Labial-Velar Pulmonic Stop Occlusive Labial Velar	006F, 006A Close-mid Back Vowel Diphthong	006F, 02D0 Mid Back Rounded Vocoid Long Vowel Continuant
u:	ø:	œ	aj
0075, 02D0 Close Back Rounded Long Vowel	00F8, 02D0 Open Front Rounded Vocoid Long Vowel	0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong	0250, 006A Near-open Central Vowel Diphthong
ã	ã	ɔj	ɔ̊
0250, 0303 Near-open Central Rounded Nasal Vowel	0251, 0303 Near-close Back Nasal Vowel	0254, 006A Open-mid Back Vowel Diphthong	0254, 0303 Open-mid Back Rounded Nasal Vowel
ɛj	ɛ	gʷ	ɪj
025B, 006A Open-mid Near-Front Vowel Diphthong	025B, 0303 Open-mid Near-Front Nasal Vowel	0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive Labial Velar	0268, 006A Close Central Vowel Diphthong
ĩẅ	a	b	c
0268, 0077 Close Central Vowel Diphthong	0061 Open Near-Front Vocoid Vowel Continuant Parent Vowel	0062 Bilabial Voiced Pulmonic Stop Occlusive	0063 Palatal Pulmonic Stop Occlusive

Appendix 8 - International Phonetic Alphabet

d	e	f	h
0064 Alveolar Voiced Pulmonic Stop Occlusive	0065 Close-mid Front Vocoid Vowel Continuant Parent Vowel	0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0068 Glottal Pulmonic Fricative
i	j	k	l
0069 Close Front Vocoid Vowel Continuant Parent Vowel	006A Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant	006B Velar Pulmonic Stop Occlusive	006C Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
m	n	o	p
006D Bilabial Voiced Pulmonic Nasal Occlusive	006E Alveolar Voiced Pulmonic Nasal Occlusive	006F Close-mid Back Rounded Vocoid Vowel Continuant Parent Vowel	0070 Bilabial Pulmonic Stop Occlusive
r	s	t	u
0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	0074 Alveolar Pulmonic Stop Occlusive	0075 Close Back Rounded Vocoid Vowel Continuant Parent Vowel
v	w	x	y
0076 Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0077 Labial-Velar Vocoid Semivowel Voiced Approximant Continuant Labial Velar	0078 Velar Pulmonic Fricative Obstruent Continuant	0079 Close Front Rounded Vocoid Vowel Continuant Parent Vowel
z	ð	ɔ	ø
007A Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	00F0 Dental Voiced Pulmonic Fricative Obstruent Continuant Dental	00F5 Close-mid Back Rounded Nasal Vowel	00F8 Close-mid Front Rounded Vocoid Vowel Continuant Parent Vowel
í	ŋ	œ	ü
0129 Close Front Nasal Vowel	014B Velar Voiced Pulmonic Nasal Occlusive	0153 Open-mid Near-Front Rounded Vocoid Vowel Continuant	0169 Open Back Nasal Vowel

Appendix 8 - International Phonetic Alphabet

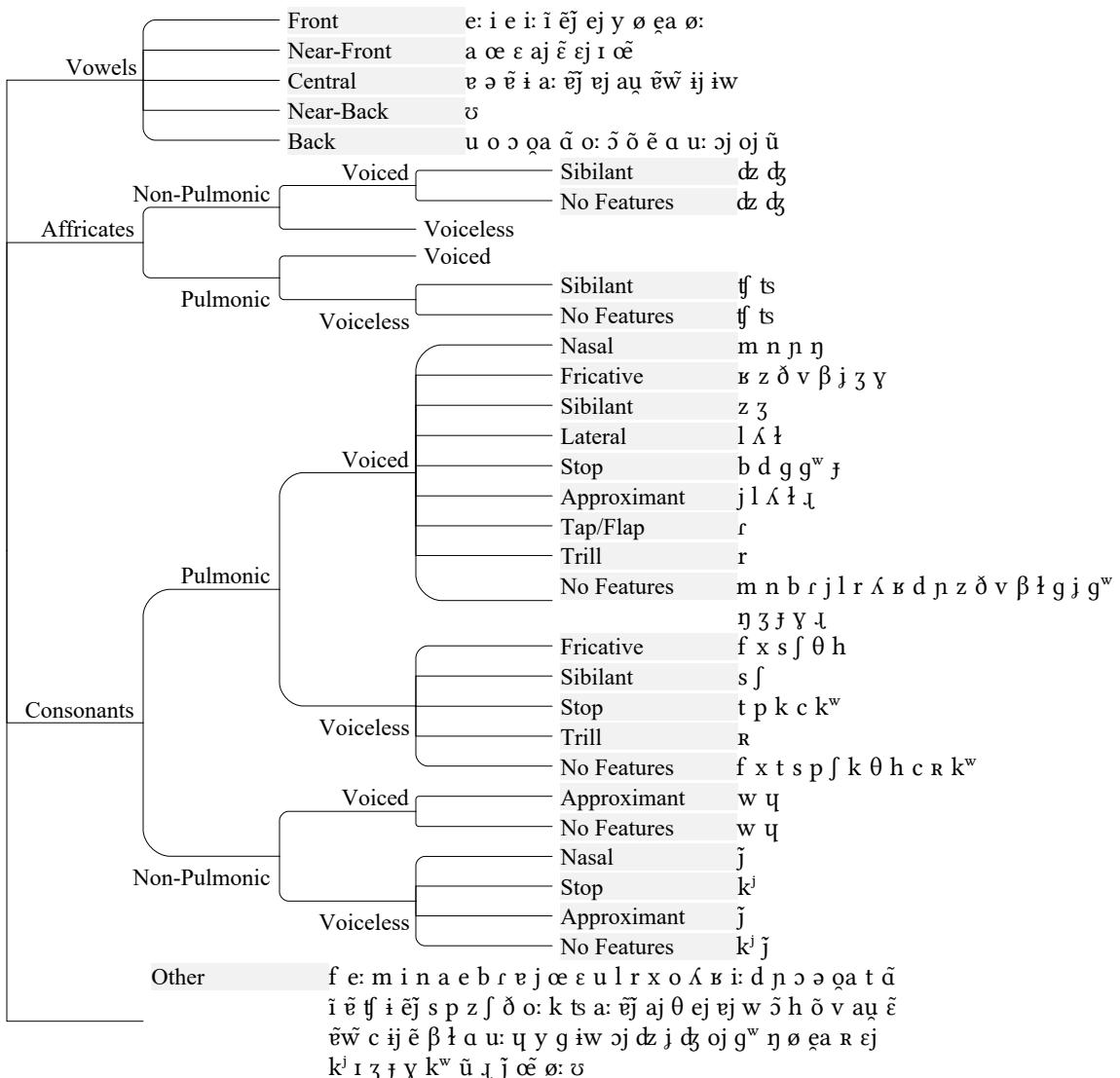
ə	ɑ	ɔ	ə
0250 Near-open Central Rounded Vowel Parent Vowel	0251 Open Back Vocoid Vowel Continuant Parent Vowel	0254 Open-mid Back Rounded Vocoid Vowel Continuant Parent Vowel	0259 Close-mid Central Vowel Parent Vowel
ɛ	ʃ	g	v
025B Open-mid Near-Front Vocoid Vowel Continuant Parent Vowel	025F Palatal Voiced Pulmonic Stop Occlusive	0261 Velar Voiced Pulmonic Stop Occlusive	0263 Velar Voiced Pulmonic Fricative Obstruent Continuant
ɥ	ɪ	ɪ	ɿ
0265 Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant Palatalized Labial	0268 Close Central Vowel Parent Vowel	026A Near-close Near-Front Vowel Parent Vowel	026B Alveolar Voiced Velarized Pulmonic Lateral Approximant
ɲ	ɻ	f	r
0272 Palatal Voiced Pulmonic Nasal Occlusive	0278 Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid	027E Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid	0280 Uvular Pulmonic Trill Rhotic Vibrant Liquid
ɓ	ʃ	ʊ	ʌ
0281 Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid	0283 Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant	028A Near-close Near-Back Rounded Vowel	028E Palatal Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid
ʒ	j	dʒ	ðʒ
0292 Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	029D Palatal Voiced Pulmonic Fricative Obstruent Continuant	02A3 Alveolar Voiced Sibilant Affricate	02A4 Palato-Alveolar Voiced Sibilant Affricate
ts	tʃ	þ	θ
02A6 Alveolar Pulmonic Sibilant Affricate Occlusive Strident	02A7 Palato-Alveolar Pulmonic Sibilant Affricate	03B2 Bilabial Voiced Pulmonic Fricative Obstruent Continuant	03B8 Dental Pulmonic Fricative Obstruent Continuant Dental

Appendix 8 - International Phonetic Alphabet

ẽ

1EBD
Close Back Nasal Vowel

Appendix 9 - Feature Tree



Appendix 10 - Diacritics

Diacritics

Undefined escape character	~	Nasalized	..	Centralized
+ Advanced	-	Retracted	^	Rising Tone
o Voiceless		Implosive	_	Syllabic
,	ѣ Ejective	Pharyngealized	^	Falling tone
` Non-syllabic	ˇ	No audible release	“	Rhotic hook
Advanced tongue root	˘	Apical	„	Extra low tone
c Less rounded	˘	Dental	~	Velarized or Pharyngealized
Global fall	˘	Velarized	’	High tone
h Aspirated	j	Palatalized	~	Creaky voiced
` Low tone	l	Lateral release	-	Mid tone
□ Laminal	˘	Linguo-Labial	n	Nasal release
, More rounded	˘	Lowered	˘	Retracted tongue root
Global rise	˘	Raised	”	Extra high tone
.. Breathy voiced	˘	Voiced	w	Labialized
.. Extra short	x	Mid-centralized	↓	Down-step
↑ Up-step	:	Long	‘	Half-long
Indeterminacy in french vowels		Begin Non-segmental notation		End non-segmental notation
ƒ Voiced epiglottal fricative	!	Post-alveolar click		Minor group
Dental click		Major group		Alveolar lateral click
‡ Palatal click	°	Voiceless descender	-	Combining macron
) Tie-bar below	˘	Tie-bar above	‡	Ready made combination
→ Becomes		Separator		

Appendix 11 - Languages

Latin



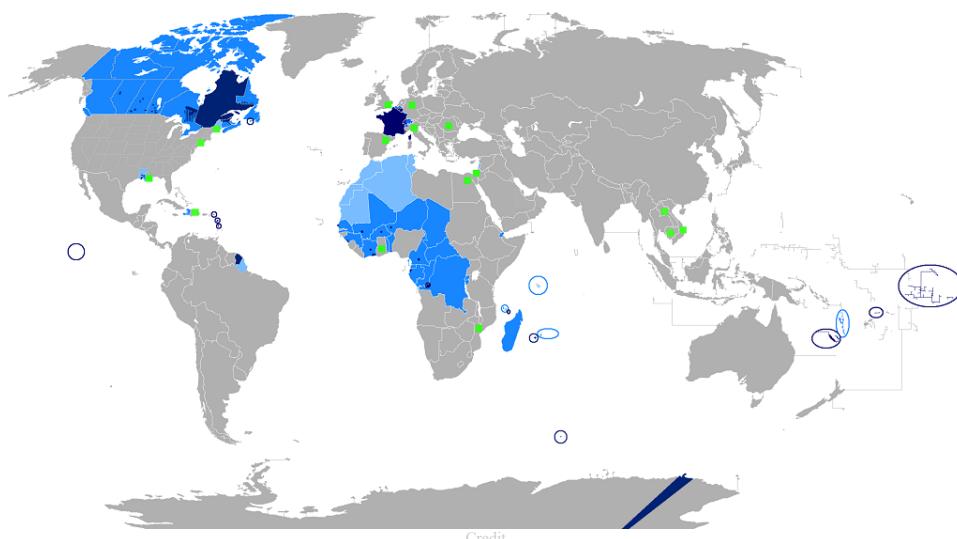
117 AD

Credit

A classical language belonging to the Italic branch of the Indo-European languages. Latin was originally spoken in the area around Rome, known as Latium. Through the power of the Roman Republic, it became the dominant language in Italy, and subsequently throughout the western Roman Empire, before eventually becoming a dead language. Latin has contributed many words to the English language. In particular, Latin (and Ancient Greek) roots are used in English descriptions of theology, the sciences, medicine, and law.

By the late Roman Republic (75 BC), Old Latin had been standardised into Classical Latin. Vulgar Latin was the colloquial form spoken at that time and attested in inscriptions and the works of comic playwrights like Plautus and Terence[3] and author Petronius. Late Latin is the written language from the 3rd century; its colloquial form Vulgar Latin developed in the 6th to 9th centuries into the Romance languages, such as Italian, Sardinian, Venetian, Neapolitan, Sicilian, Piedmontese, Lombard, French, Franco-Provençal, Occitan, Corsican, Ladin, Friulan, Romansh, Catalan/Valencian, Aragonese, Spanish, Asturian, Galician, and Portuguese. Medieval Latin was used as a literary language from the 9th century to the Renaissance which used Renaissance Latin. Later, Early Modern Latin and New Latin evolved. Latin was the language of international communication, scholarship and science until well into the 18th century, when vernaculars (including the Romance languages) supplanted it. Ecclesiastical Latin remains the official language of the Holy See and the Roman Rite of the Catholic Church. Latin is a highly inflected language, with three distinct genders, six or seven noun cases, five declensions, four verb conjugations, six tenses, three persons, three moods, two voices, two or three aspects, and two numbers. The Latin alphabet is derived from the Etruscan and Greek alphabets and ultimately from the Phoenician alphabet.

French



Credit

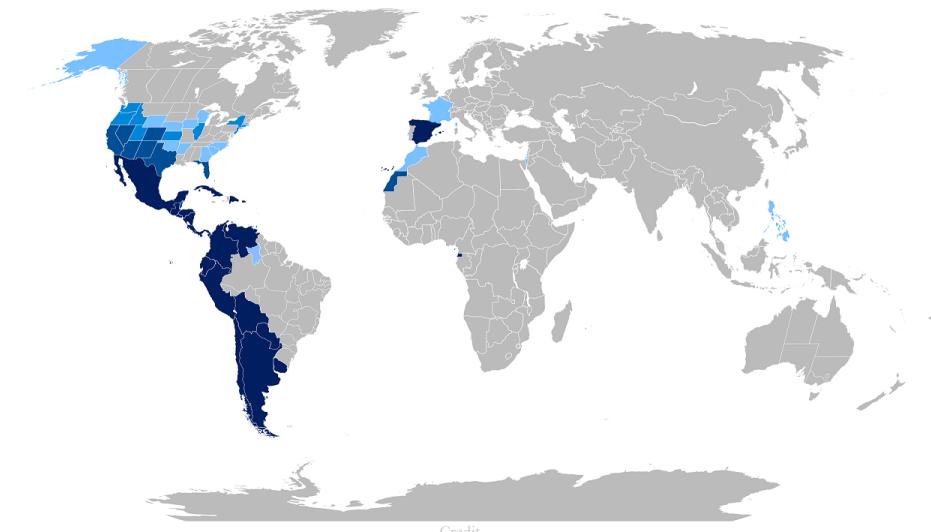
Appendix 11 - Languages

A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically spoken in northern France and in southern Belgium, which French (Francien) largely supplanted.

French was also influenced by native Celtic languages of Northern Roman Gaul like Gallia Belgica and by the (Germanic) Frankish language of the post-Roman Frankish invaders. Today, owing to France's past overseas expansion, there are numerous French-based creole languages, most notably Haitian Creole. A French-speaking person or nation may be referred to as Francophone in both English and French.

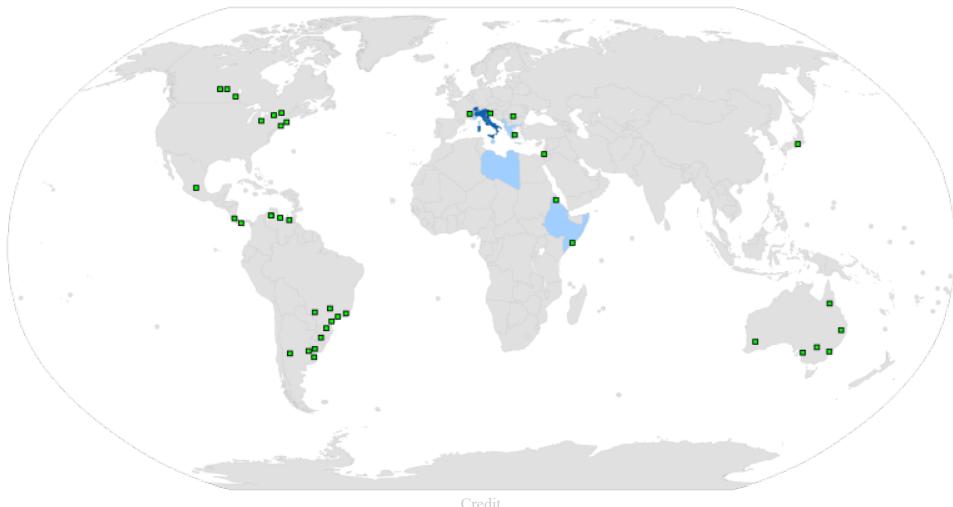
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the United Nations. It is spoken as a first language (in descending order of the number of speakers) in France; the Democratic Republic of Congo; Algeria; Morocco; Canada (provinces of Quebec, Ontario and New Brunswick as well as other Francophone regions); Cameroon; Belgium (Wallonia and the Brussels-Capital Region); Ivory Coast; Tunisia; western Switzerland (Romandy—all or part of the cantons of Bern, Fribourg, Geneva, Jura, Neuchâtel, Vaud, Valais); Monaco; parts of Luxembourg; parts of the United States (the states of Louisiana, Maine, New Hampshire and Vermont); northwestern Italy (autonomous region of Aosta Valley); and various communities elsewhere.

Spanish



A Romance language that originated in the Iberian Peninsula of Europe. Today, it is a global language with nearly 500 million native speakers, mainly in Spain and the Americas. It is the world's second-most spoken native language after Mandarin Chinese, and the world's fourth-most spoken language overall after English, Mandarin Chinese, and Hindi.

Italian



A Romance language of the Indo-European language family. Italian is the closest national language to Latin, from which it descends via vulgar Latin of the Roman Empire. Taking into account both national and regional languages, it is seen that Italian and Sardinian are together the least differentiated from Latin. Italian is an official language in Italy, Switzerland (Ticino and the Grisons), San Marino, and Vatican City. It has an official minority status in western Istria (Croatia and Slovenia).

It formerly had official status in Albania, Malta, Monaco, Montenegro (Kotor), Greece (Ionian Islands and Dodecanese), and is generally understood in Corsica by Corsican speakers (many linguists classify Corsican as an Italian dialect). It used to be an official language in the former colonial areas of Italian East Africa and Italian North Africa, where it still has a significant role in various sectors.

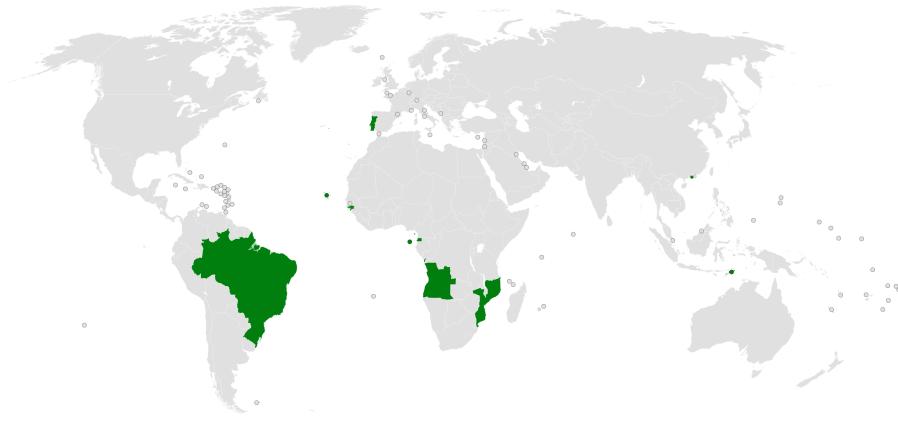
Italian is also spoken by large immigrant and expatriate communities in the Americas and Australia. Italian is included under the languages covered by the European Charter for Regional or Minority languages in Bosnia and Herzegovina and in Romania, although Italian is neither a co-official nor a protected language in these countries. Many speakers of Italian are native bilinguals of both Italian (either in its standard form or regional varieties) and another regional language of Italy.

Brazilian Portuguese



The set of dialects of the Portuguese language native to Brazil and the most influential form of Portuguese worldwide. It is spoken by almost all of the 200 million inhabitants of Brazil and spoken widely across the Brazilian diaspora, today consisting of about two million Brazilians who have emigrated to other countries. With a population of over 205 million, Brazil is by far the world's largest Portuguese-speaking nation and the only one in the Americas.

Portuguese



Credit

A Romance language originating in the Iberian Peninsula of Europe. It is the sole official language of Portugal, Angola, Mozambique, Guiné-Bissau, Cape Verde, São Tomé and Príncipe, and Brazil, while having co-official language status in East Timor, Equatorial Guinea, and Macau. A Portuguese-speaking person or nation is referred to as "Lusophone" (lusófono). As the result of expansion during colonial times, a cultural presence of Portuguese and Portuguese creole speakers are also found around the world. Portuguese is part of the Ibero-Romance group that evolved from several dialects of Vulgar Latin in the medieval Kingdom of Galicia and the County of Portugal, and has kept some Celtic phonology and its lexicon.

Catalan



Credit

A Western Romance language derived from Vulgar Latin. It is the official language of Andorra, and a co-official language of three autonomous communities in eastern Spain: Catalonia, the Valencian Community and the Balearic Islands. It also has semi-official status in the Italian comune of Alghero. It is also spoken in the Pyrénées-Orientales department of France and in two further areas in eastern Spain: the eastern strip of Aragon and the Carche area in the Region of Murcia. The Catalan-speaking territories are often called the Països Catalans or "Catalan Countries".

The language evolved from Vulgar Latin in the Middle Ages around the eastern Pyrenees. Nineteenth-century Spain saw a Catalan literary revival, culminating in the early 1900s.

Walloon

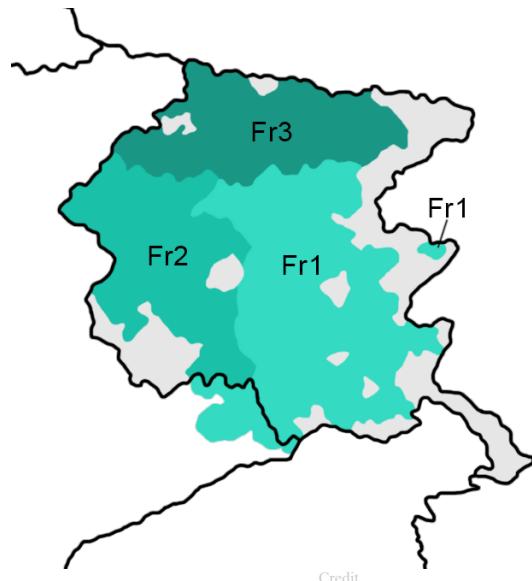


Credit

A Romance language that is spoken in much of Wallonia and (to small extent) in Brussels, Belgium; some villages near Givet, northern France; a clutch of communities in northeastern Wisconsin, U.S.; and in some parts of Canada. It belongs to the langue d'oïl language family, the most prominent member of which is the French language. The historical background of its formation was the territorial extension since 980 of the Principality of Liège to the south and west.

Despite its rich literature, beginning anonymously in the 16th century and with well-known authors since 1756, the use of Walloon has decreased markedly since France's annexation of Wallonia in 1795. This period definitively established French as the language of social promotion, far more than it was before. After World War I, public schools provided French-speaking education to all children, inducing a denigration of Walloon, especially when accompanied by official orders in 1952 to punish its use in schools. Subsequently, since the middle of the 20th century, generational transmission of the language has decreased, resulting in Walloon almost becoming a dead language. Today it is scarcely spoken among younger people, with vast majority of its native speakers being the elderly (aged 65 and over). In 2007, the number of people with knowledge of the language was estimated at 600,000.

Friulian



Credit

A Romance language belonging to the Rhaeto-Romance family, spoken in the Friuli region of northeastern Italy. Friulian has around 600,000 speakers, the vast majority of whom also speak Italian.

It is sometimes called Eastern Ladin since it shares the same roots as Ladin, but over the centuries, it has diverged under the

Appendix 11 - Languages

influence of surrounding languages, including German, Italian, Venetian, and Slovene. Documents in Friulian are attested from the 11th century and poetry and literature date as far back as 1300. By the 20th century, there was a revival of interest in the language.

Romanian



A Balkan Romance language spoken by approximately 24–26 million people as a native language, primarily in Romania and Moldova, and by another 4 million people as a second language. According to another estimate, there are about 34 million people worldwide who can speak Romanian, of whom 30 million speak it as a native language. It is an official and national language of both Romania and Moldova and is one of the official languages of the European Union.

Romanian is a part of the Eastern Romance sub-branch of Romance languages, a linguistic group that evolved from several dialects of Vulgar Latin which separated from the Western Romance languages in the course of the period from the 5th to the 8th centuries. To distinguish it within the Eastern Romance languages, in comparative linguistics it is called Daco-Romanian as opposed to its closest relatives, Aromanian, Megleno-Romanian and Istro-Romanian. Romanian is also known as Moldovan in Moldova, although the Constitutional Court of Moldova ruled in 2013 that "the official language of the republic is Romanian".

Appendix 12 - Concepts Used

	Woman-Primary	Woman-Mulier	Woman-Domina	Child-Primary
Latin	f e: - m i - n - a	m u l i e r e m	d o m i n a	i n f a n t e m
French	f a - m - - - -	-	d a m - - -	ã - f ã - - - -
Spanish	- e - m - b r - a	m u x - e r - -	d o - p a	i n f a n t e -
Italian	f e m m i - n - a	m o λ λ e - -	d o n - n a	- f a n t e -
PortugueseBrazil	f e - m e - - - a	m u λ - e v - -	d o - n a	ĩ - f ē - ſ i -
Portuguese	f e - m j - - - a	m u λ - e r - -	d o - n a	ĩ - f ē - t i -
Catalan	f e - m - b r - a	m u λ - e - -	d o - n ē	
Walloon	f œ - m - - - -	-	d a m - - -	ɛ - f ã - - - -
Friulian	f ε - m i - n - e	m u - i r - -	d o - n e	
Romanian	f e - m e - - j e	m u - j e r e -	d əm - n ē	
	Child-Ninnus	Wife-Primary	Husband-Primary	Husband-Sponsus
Latin		- s p o n s a	m a r i: t u s	- s p o n s u s
French		e - p u - z -	m a r i - - -	e - p u - - - -
Spanish	n i n o	e s p o - s a	m a r i ð o -	e s p o - s o -
Italian	n i n o	- s p o - z a	m a r i t o -	- s p o - z o -
PortugueseBrazil	n e n ēj	i s p o - z a	m a r i d u -	i s p o - z u -
Portuguese	n e n ēj	i ſ p o - z a	m a r i ð u -	i ſ p o - z u -
Catalan	n e n -	ə s p o - z ē	m a r i t -	ə s p o - s -
Walloon				
Friulian	n i n i	- s p o - s e	m a r i: t - -	- s p o: - s - -
Romanian			m a r i t - -	
	Husband-Socius	Mother-Primary	Father-Primary	Father-Tata
Latin	s o k i u s	m a: t r e m	p a t r e m	t a t a
French		m ε - ɔ - -	p ε - ɔ - -	
Spanish		m a ð r e -	p a ð r e -	t a t a
Italian		m a d r e -	p a d r e -	t a t a
PortugueseBrazil		m ēj - - - -	p aj - - - -	t a t a
Portuguese		m ēj - - - -	p aj - - - -	t a t a
Catalan		m a - r ə -	p a - r ə -	
Walloon		m e - r - -	p ε - r - -	
Friulian		m a - r i -	p a - r i -	t a t e
Romanian	s o t s - - - -			t a t a
	Animal-Primary	Animal-Bestia	Fish-Piskem	Fish-Pescion
Latin	a n i m a: l i a	b - e: s t i a	p i s k e m	
French	o - - m a - j -			p w a s ſ
Spanish	a l i m a n - a		p e θ - - -	
Italian		b - i ſ ſ - a	p e ſ ſ e -	
PortugueseBrazil		b - i - ſ - a	p ej ſ - i -	
Portuguese		b - i - ſ - a	p ej ſ - i -	
Catalan			p e ſ - - -	
Walloon		b i ε ſ - - -		p - ε h ſ
Friulian	- n e m a: l - -	b - i ſ - - -	p ε ſ - - -	
Romanian	- n ə m a - j e		p e ſ t e -	

Appendix 12 - Concepts Used

	Bird-Avem	Bird-Aucellus	Bird-Passerem	Dog-Primary
Latin	a w e m	- a k - e l l u s	passer em	k - a n e m
French		w a z - o - - - -		j - ē - - - -
Spanish	a b e -		p a - x a r o -	k - a n - -
Italian		- u t f ε l l o -	passer o -	k - a n e -
PortugueseBrazil	a v i -		p a - s a r u -	k - ā - - -
Portuguese	a v i -		p a - s a r u -	k - ē - - -
Catalan	a w - -	- u s - e - A - -		k - a - - -
Walloon		- u h - ε - - - -		f - ē - - - -
Friulian		- u f j ε - l - -	p a - s a r - -	c - a n - -
Romanian			p a - s a r e -	k - ij n e -
	Louse-Primary	Snake-Primary	Worm-Primary	Tree-Primary
Latin	p - e: d u - k u l u ss - e r p - e n t e nw - e r m e m			a r b o r e m
French	p - u - - - - - - - -	s - ε x p - ā - - -	v - ε x - - - -	a x b - x - -
Spanish	p j o - - - x - - o s - e r p j e n t e -			a r β o l - -
Italian	p - i d o k k - j o - s - e r p - ε n t e -	v - ε r m e -		a l b e r o -
PortugueseBrazil	p - i - o - - A u - s - e x p - ē - f i -	v - e x m i -		a x v o r i -
Portuguese	p - i - o - - A u - s - i r p - ē - t i -	v - e r m i -		a x v u r i -
Catalan	p - o - - - A - - s - a r p - e n - -	v - ε r m - - -		a - b - r ē -
Walloon	p j u - - - - - - - -	s j ε r p - ē - - -	v j e r - - -	ɔ - p - - - -
Friulian	p - e d o: - - l i - s - a r p - i n t -	v j a r - - -		a r b u l - -
Romanian	p - ā d u - k - j e - f - a r p - e - -	v j e r m e -		a r b o r e -
	Forest-Primary	Stick-Primary	Fruit-Primary	Seed-Primary
Latin	s i l w a	p a: l u s	f r u: - k t u s	s e: m e n
French			f x q i - - - -	
Spanish	s e l b a	p a l o -	f r u - - t o -	
Italian	s e l v a	p a l o -	f r u - t t o -	s e m e -
PortugueseBrazil	s ε w v a	p a w - -	f r u - t a -	
Portuguese	s ε l v a	p a w - -	f r u - t a -	
Catalan	s e l b a	p a l - -	f r u j - t - -	
Walloon		p a - - -	f r y - t - -	
Friulian	s ε l v e	p a: l - -	f r u - t - -	
Romanian		p a r - -	f r u - k t - -	
	Seed-Sementia	Seed-Granum	Leaf-Primary	Leaf-Frondea
Latin	s e: m - e n t i a	g r a: n u m	f - o l i a	f r o n d e a
French	s ā m - ā - s - -	g x ē - - - -	f - œ j - -	
Spanish	s i m j e n t e -	g r a n o -	- o x - a	
Italian	s e m - e n t e -	g r a n o -	f - c y a -	f r o n d z - a
PortugueseBrazil	s e m - ē - f i -	g r ē - - -	f - o y a -	f r o õ - s - a
Portuguese	s i m - ē - t i -	g r ē - - -	f - o y a -	f r o õ - s - a
Catalan	s ē m - e n - - -	g r a - - -	f - u y - e	
Walloon	s i m - ē - s - -	g r i n - -	f - ej - -	
Friulian	s e m - ē n f ε -	g r a n - -	f w e - - e	
Romanian	s ā m - ī n f ā -	g r ī - - -	f - oa - j e	f r u n z - ē

Appendix 12 - Concepts Used

	Root-Primary	Root-Radicina	BarkOfATree-Primary	BarkOfATree-Corticea
Latin	- r a: d - i k e m	r a: d i: k i: n a	k o r t i k e m	k o r t i - k e a
French	- r a - - i θ - -	ba - - s i n -		
Spanish	- r a - - i θ - -			k o r t e - θ - a
Italian				k o r t e t f a -
PortugueseBrazil	- b a - - i s - -		k o b f i s i -	k o b f i - s a -
Portuguese	- b e - - i ſ - -		k o r t i s i -	k u r t i - s a -
Catalan	ə r ε l - - - -			
Walloon		r ε - - s ε n -		
Friulian	- r a d r i s - -			
Romanian		r ə d ə ſ i n ə		
	BarkOfATree-Scoreta	Flower-Primary	Grass-Primary	Grass-Gramen
Latin	- s k - o r t e a	f l o: r e m	h e r b a	g r a: m e n
French	e - k - o b s - -	f l o: b - -	- ε b b -	
Spanish		f l o: r - -	j - e r b a	g r a m a -
Italian	- s k - o r d z - a	f j o: r e -	- ε r b a	
PortugueseBrazil		f l o: b - -	- e b v e	g r ē m e -
Portuguese		f l o: r - -	- ε r v e	g r e m e -
Catalan	ə s k - o r s - ə	f l o: - -	- e r b ə	g r a m -
Walloon	- h - w ε - s - -	f l o: r - -	j - ε - p -	
Friulian	- s k w a r ſ - e	f l o: r - -	j - e r b e	g r a m e -
Romanian	- s k - o a r t s - ə	f l o: r - -	j - a r b ə	
	Rope-Primary	Rope-Restis	Skin-Primary	Skin-Pellis
Latin	f u: n - e m	r e s t e m		p - e l l e m
French			k w a - - - - n -	p - o - - - -
Spanish		f - i s t a		p j e - 1 - -
Italian	f u n - e -	r - ε s t a	k - o t e n n a	p - ε l l e -
PortugueseBrazil		β - ε ſ ſ i	k - o ð i - - e	p - ε l l i -
Portuguese		β - e ſ t i	k - o d i - - e	p - e - 1 i -
Catalan			k - o - - n n e	p - e - A -
Walloon		r j e s t e	k - o j i - n - -	p ε - - - - -
Friulian				p j e - 1 l -
Romanian	f u n j e -			p j e - 1 e -
	Meat-Primary	Blood-Primary	Bone-Primary	FatNoun-Primary
Latin	k a r n e m	s a n gʷ - i n e m	- o s s u m	a d i p e m
French	ſ ε b - - -	s ā - - - - - -	- o - s - -	
Spanish	k a r n e -	s a n g - - r e -	w e - s o -	
Italian	k a r n e -	s a n g w e - - -	- o s s o -	a d i p e -
PortugueseBrazil	k a ſ n i -	s ī - g - i - - -	- o - s u -	
Portuguese	k a r n i -	s ī - g - i - - -	- o - s u -	
Catalan	k a r n -	s a n g - - - -	- o - s - -	
Walloon	ſ a r - - -	s ū - g - - -	- o - h ε -	
Friulian	c a: r - - -	s a n k - - - -	w ε - s - -	
Romanian	k a r n e -	s i n ð - e - - -	- o - s - -	

Appendix 12 - Concepts Used

	FatNoun-Crassia	Egg-Primary	Horn-Primary	Horn-Cornua
Latin		- o: w u m	k - o r n u:	k - o r n u a
French	g k ε s -	- œ f - -	k - o k - -	k - o k n - -
Spanish	g r a s a	w e b o -	k w e r n o	
Italian		w o v o -	k - o r n o	
PortugueseBrazil	g r a ſ a	- o v u -	k - o k n u	
Portuguese	g r a ſ a	- o v u -	k - o r n u	
Catalan	g r e ſ -	- o w - -	k - o r n -	
Walloon	k r o h -	- u - -		k w ε - n - -
Friulian	g r a s -	- u: f - -		k w a r - - -
Romanian		- o w - -	k - o r n -	
	Tail-Primary	Feather-Primary	Feather-Penna	Hair-Primary
Latin	k a d a u	p l u: m a	p e n n a	p - i l u s
French	k ø - -	p l y m -	p ε - n -	p w a l - -
Spanish	k o l a	p l u m a	p e - n p a	p - e l o -
Italian	k o d a	p j u m a	p e n n a	p - e l o -
PortugueseBrazil	k a d a u		p e - n e	p - e l u -
Portuguese	k a d a u		p e - n a	p - i l u -
Catalan	k u - a	p l o m ē	p ε - n ē	p - ε l - -
Walloon	k o w -	p l o m -	p ε - n -	
Friulian	k o d ē	p l u m ē	p ε - n e	p - e l - -
Romanian	c q a d ē		p a - n ē	p - a r - -
	Hair-Capillus	Head-Primary	Head-Capitum	Head-Testa
Latin	k a p i l l u s	k a p i - t i a	k a p i t i u m	t e s t a
French	ʃ a v ø - - -		ʃ a v ε - - -	t ε - t -
Spanish	k a b e - j o -	k a β e - θ - a		
Italian	k a p e l l o -	k a v e t t s - a		t ε s t a
PortugueseBrazil	k a b e - l u -	k a b e - s - a		t ε s t a
Portuguese	k a β e - l u -	k a β e - s - a		t ε ſ t a
Catalan	k a b e - l - -	k a p - - - -		t e s t a
Walloon	dʒ - v ε - - -			t ε s - -
Friulian	c a v e l - - -	c a v ε - ſ - -		t ε s t e
Romanian		k a p - - - -		t s e a s t a
	Ear-Primary	Eye-Primary	Nose-Primary	Nose-Nares
Latin	a r i - k u l a u	- o - k u l u s	n a: s u s	
French	ɔ k ej - - - -	- œ - j - - -	n e - - -	
Spanish	o r e - x - - a	- o - x - o -	n a s o -	n a r i θ -
Italian	o r e k k - j a	- o k k - j o -	n a s o -	n a r i ſ e
PortugueseBrazil	o r e - - - Y a	- o - - - Y u -		n a r i s -
Portuguese	o r a j - - - Y a	- o - - - Y u -		n a r i ſ -
Catalan	u r e - - - Y a		n a s - -	n a r i s -
Walloon	ɔ r ej - - - -	- u - j - - -	n e - - -	
Friulian	o r e: - - l e	v o - - l i -	n a s - -	
Romanian	u r e - k - - e	- o - k - - -	n a s - -	

Appendix 12 - Concepts Used

	Mouth-Primary	Mouth-Gula	Tooth-Primary	Fingernail-Primary
Latin	b u k k a	g u l a	d - e n t e m	u n g - u l a
French	b u - ſ -	g œ l -	d - ā - - - -	ɔ - g - - - -
Spanish	b o - k a	g o l a	d j e n t e -	u p - - - - a
Italian	b o k k a	g o l a	d - ε n t e -	u n g - - - j a
PortugueseBrazil	b o - k a		d - ē - ſ i -	u p - - - - a
Portuguese	b o - k a		d - ē - t i -	u p - - - - a
Catalan	b o - k ə	g o l ə		
Walloon	b ɔ - k -	g œ j -	d - ɛ - - - -	ɔ - g - - - -
Friulian	b ɔ - c ε	g ɔ l e	d - i n t - -	ɔ n g - u l e
Romanian	b u - k ə	g u r ə	d - i n t e -	u n g j - - e
	Foot-Primary	Leg-Gamba	Leg-Perna	Leg-Petiolus
Latin	p - e - d e m	g a m b a	p - e r n a	p e - t i o l u s
French	p j e - - - -	ʒ ã - b -		
Spanish	p j e - - - -	g a m b a	p j e r n a	p e - θ i o l o -
Italian	p j ε - d e -	g a m b a	p - ε r n o	p i t ſ - o l o -
PortugueseBrazil	p - ε - - - -		p - ε s n e	
Portuguese	p - ε - - - -		p - ε r n e	
Catalan	p - ε w - - -	k a m b ə	p - ε r n e	
Walloon	p - i - - - -	dʒ ã - p -		
Friulian	p - i: - t - -	ʃ a m b e		p ε - k - o l - -
Romanian	p i e - z - -	g a m b ə		p i - ſ j o r - -
	Knee-Genuculum	Hand-Primary	Wing-Primary	Belly-Primary
Latin	g - e n i - k u l u m	a n u m	a: l a	w - e n t r e m
French	ʒ - a n u - - - -	m ɛ - - -	e l -	v - ā - t ʒ - - -
Spanish	- i n o - x o - -	m a n o -	a l a	b j e n t r e -
Italian	đ - i n o k k - j o	m a n o -	a l a	
PortugueseBrazil	ʒ u e - - - -	ʎ u m ɛ - - -	a - -	
Portuguese	ʒ w e - - - -	ʎ u m ɛ - - -	a - -	
Catalan	ʒ - e n o - - - -	ʎ - - -	a l ə	b - e n t r e -
Walloon	n - - n o - - - -	m ɛ - - -	e l -	v - ē - t - - - -
Friulian	đ - e n o - - - -	l i m a n - -	a l e	v - i n t r i -
Romanian	đ - e n u n k - -	m i n ə - -		v - i n t r e -
	Belly-Pantex	Guts-Primary	Neck-Primary	Back-Primary
Latin	p a n t i k e m	i n t e r a n e a	k - o l l u m	d - o r s u m
French	p ā - s - - - -	ã - t - ʁ a - j -	k - u - - - -	d - o - - - -
Spanish	p a n θ - - a -	e n t - r a p - a	k w e - j o -	
Italian	p a n ſ - - a -		k - ɔ l l o -	d - o s s o -
PortugueseBrazil	p ě - s - - a -	ĩ - t - ſ ě n - a	k - ɔ - l u -	
Portuguese	p ě - s - - a -	ẽ - t - ſ ě n - a	k - ɔ - l u -	
Catalan	p a n ſ - - a -	ə n t - r a p - a	k - ɔ - ʎ - -	d - o - s - -
Walloon	p ā - s - - - -		k - o - - - -	d - o - - - -
Friulian	p a n ts - - e -		k w ε - l - -	d w ε - s - -
Romanian	p i n t e ſ e -			d - o - - - -

Appendix 12 - Concepts Used

	Back-Spatula	Breast-Primary	Breast-Pectus	Breast-Pectorina
Latin	- s p a t u l a	s i n u s	p - e k t u s	
French	e - p o - - l -	s ē - - -	p - i - - -	p w a t z i n
Spanish	e s p a l - d a	s e n o -	p - e - f̪ o -	
Italian	- s p a l - l a	s e n o -	p - ε t t o -	
PortugueseBrazil	i ſ p a d w - a	s ej - u -	p - ej - t u -	
Portuguese	i ſ p a d w - a	s ej - u -	p - ej - t u -	
Catalan	ə s p a l - l a	s i - - -	p - i - t - -	
Walloon	- s p a - - l -			p w ε t r i n
Friulian	- s p a - - l e	s ε n - -	p - ε - t - -	
Romanian	- s p a t - - e	s a n - -	p j e p t - -	
	Heart-Primary	Heart-Anima	Liver-Primary	Sun-Primary
Latin	k - o r -	a n i m a	f - i: k a: t u m	s o: l e m
French	k - œ v -	o - - m -	f w a - - - -	
Spanish		a l - m a	- - i y a ð o -	s o l - -
Italian	k w o r e	a l - m a	f - e g a t o -	s o l e -
PortugueseBrazil	k - o v -	a w - m e	f - i g e d u -	s o w - -
Portuguese	k - o r -	a l - m e	f - i y e ð u -	s o l - -
Catalan	k - o r -		f - e dg e - -	s o l - -
Walloon	k - u r -	o - - m -	f - œ - - t - -	
Friulian	k - u: r -		f - i - a: t - -	
Romanian		i n i m e	f - i k a t - -	s q a r e -
	Sun-Soliculus	Moon-Primary	Star-Primary	Water-Primary
Latin	s o: l i k u l u s	l u: n a	- s t - e: l l a	a - k ^w - a
French	s o l ej - - - - -	l y n -	e - t w a - l -	o - - - -
Spanish		l u n a	e s t r e - j a	a - y w a
Italian		l u n a	- s t - e l l a	a k k w a
PortugueseBrazil		l u - a	i s t r e - l e	a - g w a
Portuguese		l u - a	i ſ t r e - l e	a - g w a
Catalan		λ u n e	ə s t - ε - l -	aj - y w e
Walloon	s o l o - - - - -	l ø n -	- s t - œ - l -	ɛ - - w -
Friulian	s o r e - - - l i -	l u n e	- s t - ε - l e	a - g - e
Romanian		l u n e	- s t - ea - - -	a - p - e
	Rain-Primary	River-Primary	River-Rivus	River-Riparia
Latin	p l u - w i a	f l u: m e n	r i: w u s	r i: p - a: r i a
French	p l u - - i -		z y - - -	z i v j ε z - -
Spanish	j - u - b j a		r i - o -	
Italian	p j o d dg - a	f j u m e -	r i - o -	
PortugueseBrazil	f - u - v - e	f l u m i -	z i - w -	
Portuguese	f - u - v - e	f l u m i -	z i - u -	
Catalan	p l u - z - e		r i - w -	
Walloon	p l ε - f -		r ε - - -	r i v i: - r - -
Friulian	p l o - - j e	f l u m - -	r i - u -	
Romanian	p l o a - - j e		r i - w -	

Appendix 12 - Concepts Used

	Lake-Primary	Sea-Primary	Salt-Primary	Stone-Primary
Latin	l a k u s	m a r e	s a l e m	s a k s u m
French		m ε s -	s ε l - -	
Spanish	l a g o -	m a r -	s a l - -	
Italian	l a g o -	m a r e	s a l e -	s a s s o -
PortugueseBrazil	l a g u -	m a s -	s a w - -	s ej - ſ u -
Portuguese	l a y u -	m a r -	s a l - -	s ej - ſ u -
Catalan	λ a k - -	m a r -	s a l - -	
Walloon	l a k - -	m e r -	s e - -	
Friulian	l a: t - -	m a: r -	s a: l - -	s a - - s - -
Romanian	l a k - -	m a r e	s a r e -	
	Stone-Petra	Stone-Lapidem	Sand-Primary	Sand-Sabulum
Latin	p - e t r a	l a p i d e m	h a r e n a	s a b u l u m
French	p j ε - s -			
Spanish	p j e ð r a	l a u - d e -	- a r e n a	
Italian	p j ε t r a		- - r e n a	
PortugueseBrazil	p - e d r e		- a r e j - a	s aj β - r u -
Portuguese	p - ε ð r e		- a r e j - a	s aj β - r u -
Catalan	p - e ð r e		- ə r e n ə	s o - - r ə -
Walloon	p - i - r -		- a r e n -	
Friulian	p j e - r e		- - r e n e	
Romanian	p j a t r e		- a r i n ə	
	Sand-Sabulo	Dust-Primary	Dust-Pulwus	Earth-Primary
Latin	s a - b u l o n e m	p u l w e r e m	p u l w u s	t - e r r a
French	s a - b - l - - -	p u d - - s - -		t - ε - s -
Spanish			p o l b o -	t j e - r a
Italian	s a b b - j o n e -	p o l v e r e -		t - ε r r a
PortugueseBrazil			p ɔ - - - -	t - e - s a
Portuguese			p ɔ - - - -	t - ε - s a
Catalan			p o l - - s	t - ε - r ə
Walloon	s a - v - j ɔ - - -			t - e - r -
Friulian	s a - v a l ɔ n - -	p o l v a r - -		t j ε - r e
Romanian		p u l b e r e -		ts - a - r ə
	Cloud-Primary	Cloud-Nubilus	Fog-Primary	Fog-Nebula
Latin	n u: b e: s	n u: b i l u s	k a: l i: g i n e m	n - e - b u l a
French	n y - - -			
Spanish	n u b e -	n u b - l o -		n j e - b - l a
Italian	n u b e -	n u v o l a -		n - e b b - j a
PortugueseBrazil	n u v ēj -		k a l i ʒ ēj - - -	n - ε - v w - a
Portuguese	n u v ēj -		k e l i ʒ ēj - - -	n - ε - v w - a
Catalan		n u v o l - -		n - e - - w l ə
Walloon		n u: - - l - -		n j y - - - l -
Friulian		n o: - - r - -		n - e - g u r ə
	Fog-Tenebras	Fog-Fumata	Fog-Caecia	Sky-Primary
Latin	t - e n - e: b r a: s	f u: m a: t a	k a j k i a	k - a j l u m
French		f y m e - -		s j ε l - -
Spanish	t - i n j e b l a s	f u m a t a		θ j e l o -
Italian		f u m a t a		ɸ - ε l o -
PortugueseBrazil	t r - - - ε v - e s	f u m a s e		s - ε w - -
Portuguese	t r - - - ε v - e ſ	f u m a s e		s - ε w - -
Catalan	t - θ n - e b r a s			s - ε l - -
Walloon		f u m a t e		s - i r - -
Friulian			ɸ ea ɸ - -	ɸ - i: l - -
Romanian				ɸ - e r - -

Appendix 12 - Concepts Used

	Wind-Primary	Snow-Primary	Ice-Primary	Ice-Glacies
Latin	w - e n t u m	n - i w e m	g e l u:	
French	v - ã - - -		z ε l -	g l a - s -
Spanish	b j e n t o -	n j e b e -	j e l o	
Italian	v - ε n t o -	n - e v e -	dʒ ε l o	g j a t f a
PortugueseBrazil	v - ē - t u -	n - ε v i -		
Portuguese	v - ē - t u -	n - ε v i -		
Catalan	b - e n - -	n - e w -	z ε t -	g l a - s -
Walloon	v - ź - - -	n - i v a j -		g l ε - s -
Friulian	v - i n t - -	n - e: f - -		g l a - t f e
Romanian	v - i n t - -	n - ea - -	dʒ e r -	g - ea - ts ə
	Smoke-Primary	Fire-Focus	Ash-Primary	Ash-Cinisia
Latin	f u: m u s	f - o k u m	k i n e - r e m	
French	f u - - -	f - ø - - -	s ã - d z - -	
Spanish	- u m o -	f w e g o -		θ e n i θ a
Italian	f u m o -	f w o k o -	tʃ e n e - r e -	
PortugueseBrazil	f u m u -	f - o g u -		s ī - - - z a
Portuguese	f u m u -	f - o y u -		s ī - - - z a
Catalan	f u m - -	f - o k - -	s ε n - d r ə -	
Walloon	f u m - -	f - œ - -	s ī - - t - -	
Friulian	f u m - -	f - u: k - -		tʃ i n i s e
Romanian	f u m - -	f - o k - -		tʃ e n u ſ e
	Road-Primary	Road-Strata	Road-Camminus	Mountain-Primary
Latin	w - i a	- s t r a: t a	k a m m i n u s	m o n t e m
French	v w - a		ʃ ð - m ī - -	m ð - - -
Spanish	b - i a	e s t r a d a	k a - m i n o -	m o n t e -
Italian	v - i a	- s t r a d a	k a m m i n o -	m o n t e -
PortugueseBrazil	v - i a	i s t r a d a	k a - m ī p u -	m ð - f i -
Portuguese	v - i a	i ſ t r a ð a	k e - m i p u -	m ð - t i -
Catalan	b - i e		k ð - m i - -	m u n - -
Walloon	v - oj -		ʃ i - m ī - -	m ð - - -
Friulian	v - i e	- s t r a d e	c a m i n - - -	m ð n t - -
Romanian				m u n t e -
	Mountain-Montanea	Night-Primary	Day-Primary	Day-Diurnus
Latin	m o n t a: - n e a	n - o c t e m	d i e: s	d i u r n u m
French	m ð - t a - n - -	n ñ i - - -		z - u z - - -
Spanish	m o n t a - n - a	n - o - ſ e -	d i a -	d j u r n o -
Italian	m o n t a n n - a	n - ñ t t e -	d i - -	dʒ - o r n o -
PortugueseBrazil	m ð - t ñ - n - a	n - oj - t i -	d i a -	
Portuguese	m ð - t e - n - a	n - oj - t i -	d i e -	
Catalan	m u n t a - n - e	n - i - t - -	d i e -	z - o r n - -
Walloon	m ð - t a - n - -	n - y - t - -		dʒ - u - - -
Friulian	m o n t a - n e -	n - ñ o p t e -	d i - -	
Romanian		n - ñ o a p t e -	z i - -	
	Day-Diurna	Day-Diurnata	Year-Primary	Name-Nomen
Latin		d i u r n a: t a	a n n u m	n o: m e n
French		z - u z n e - -	ñ - - -	n ð - - -
Spanish		x - o r n a d a	a - n o -	
Italian		dʒ - o r n a t a	a n n o -	n o: m e -
PortugueseBrazil	z c b n a		a - n u -	n o m i -
Portuguese	z c b n a		a - n u -	n o m i -
Catalan			a - ñ -	n ñ m -
Walloon			ñ - - -	n ð - - -
Friulian		dʒ - o r n a d e	a - n -	n ñ n -
Romanian			a n - -	n u m e -

Appendix 12 - Concepts Used

	Name-Nominem	Tongue-Primary	I-Primary	We-Primary
Latin	n o: m i n - e m	l i n g ^w - a	- e g o:	n o: - s
French		l ā - g - -	ʒ ə - -	n u - -
Spanish	n o m - b r e -	l e ɲ g w a	j - - o	n o - s
Italian		l i n g w a	- i - o	n o i -
PortugueseBrazil		l ī - g w a	- e - w	n ɔj - s
Portuguese		l ī - g w a	- e - w	n ɔ - ʃ
Catalan	λ ε ɲ g w e		ʒ - - o	
Walloon	l ē - - v -	dʒ i - -		n o - -
Friulian	l ε n g - e	j - - o		n o: - -
Romanian	l i m b - ə	j e - w		n oj - -
	YouPlural-Primary	YouSingular-Primary	YouSingular-VostramMercedem	ToDrink-Primary
Latin	w o: - s	t u:		b - i b e r e
French	v u - -	t y		b w a - - ʁ -
Spanish	b o - s	t u	- u s t e d	b - e b e r -
Italian	v o i -	t u		b - e - - r e
PortugueseBrazil	v ɔj s -	t u	v o s - e -	b - e b e ʁ -
Portuguese	v o - ʃ	t u	v ɔ s - e -	b - i β e r -
Catalan	b u - s	t u	v o s t e -	b - ε w - r ə
Walloon	v o - -	t i		b - ø - - ʁ -
Friulian	v o: - -	t u		b - e v i - -
Romanian	v oj - -	t u		b - ea - - -
	ToEat-Primary	ToEat-Manducare	ToBite-Primary	ToBite-Morsicare
Latin	k o m e d e r e	m a n d u k a: r e	m - o r d e: r e	m o r s i k a: r e
French		m ā - ʒ - - e - -	m - o ʁ d - ʁ -	
Spanish	k o m e - - r -		m - o r ð e: r -	m o - s - k a r -
Italian			m - o r d e r e	m o r s i k a r e
PortugueseBrazil	k o m e - - - -		m - o ʁ d e ʁ -	m u - s ə g a - -
Portuguese	k u m - - e r -	m ə p ʒ - - a - -	m - u ʁ ð e r -	m u - s ə g a r -
Catalan		m a p - - i - -		m u - s ə v a - -
Walloon		m a n ʒ - - a: - -	m w a r d i - -	m o r s e a: - -
Friulian		m i n - - k a - -		m u r s e k a - -
	ToSuck-Primary	ToSuck-Sugere	ToSpit-Primary	ToSpit-Exconspuere
Latin	s y - s - e - -	s u: - g e r e	k o n s p u e r e	
French	s y - s - e - -			e s k u - p i r
Spanish				
Italian	s u k k j a r e	s u d dʒ e r e		
PortugueseBrazil	ʃ u - ʃ a ʁ - -	s u - g a ʁ -	k u - s p i ʁ - -	
Portuguese	ʃ u - ʃ a r - -	s u - g a r -	k u - ʃ p i r - -	ə s k u - p i -
Catalan				
Walloon	s y - s - i - -			
Friulian	c u - c - a: - -	s u - dʒ - e -		
Romanian				- s k u j p a -

Appendix 12 - Concepts Used

	ToSpit-Sputare	ToBlow-Primary	ToBreathe-Primary	ToLaugh-Primary
Latin	- s p u t a r e	s u f f l a r e	r e s p i r a r e	r i - d e r e
French		s u - f l e - -		s i - - - s -
Spanish	e s p u t a r -		r e s p i r a r -	r e - i f -
Italian	- s p u t a r e	s o f f j a r e		r i - d e r e
PortugueseBrazil			b e s p i r a r -	b i - - - b -
Portuguese			b i s p i r a r -	b i - - - f -
Catalan			r a s p i r a -	r i w - - f θ
Walloon		s o - f l e - -		r i - - - r -
Friulian	- s p u d a: - -	s o - f l a: - -	r e s p i r a: - -	r i - d i - -
Romanian		s u - f l a - -		r i - d e - -
	ToSee-Primary	ToHear-Primary	ToKnow-Primary	ToKnow-Sapere
Latin	w - i d e: r e	a - d i: r e	s k i: r e	s a p - e r e
	u			
French	v w a - - - s -	u - - i s -		s a v w a s -
Spanish	b - - - e r -	o - - i r -		s a b - e r -
Italian	v - e d e r e	u - d i r e		s a p - e r e
PortugueseBrazil	v - - - e s -	o w v i s -		s a b - e s -
Portuguese	v - - - e r -	o w v i r -		s e b - e r -
Catalan	b - ε w - r θ	u - - i - -		s a β - ε - -
Walloon	v - ej - - -	ɔj - i - - -		s a v - ø r -
Friulian	v j o d i - -	u l d i: - -		s a v - e: - -
Romanian	v - e d ə a - -	a - z i - -	ʃ t i - - -	u
	ToKnow-Cognoscere	ToThink-Primary	ToThink-Pensare	ToSmell-Sentire
Latin	k o g n o: s k e r e	k - o: g i t a: r e	p e n s a: r e	s e n t i: r e
French	k o - n ε - t - s -	k ɥ - - i d e - -	p ã - s e - -	s ã - t i s -
Spanish	k o - n o θ - e r -	k w - - i d a r -	p e n s a r -	s e n t i: r -
Italian	k o - n o s - s e r e		p e n s a r e	s e n t i: r e
PortugueseBrazil	k o - n e s - e s -	k - u ʒ i t a: s -	p ē - s a s -	s ē - t i s -
Portuguese	k u - n i s - e r -	k - u ʒ i t a: r -	p ē - s a r -	s ē - t i s -
Catalan	k u - n ε s - θ -	k - u - j d a - -	p a n s a - -	s a n t i - -
Walloon	k i - n o h - - -		p ě - s e - -	s ě - t i - -
Friulian	k o - n o s - i - -		p e n s a: - -	s i n t i: - -
Romanian	k u - n ə s t e - -	k - u d e t a: - -	p a - s a - -	s i m t i - -
	ToSmell-Olere	ToSmell-Fragrare	ToFear-Primary	ToFear-Tremere
Latin	- o l e: r e	f r a: g r a: r e	t i m e: r e	t r e m - e r e
French		f l e - s e - -		k s ē - d - s -
Spanish	- o l e r -		t e m e r -	t r e m - e r -
Italian	- o l i r e	f r a g r a r e	t e m e r e	t r e m - a r e
PortugueseBrazil		f - ej - r a s -	t e m e s -	t r e m - e s -
Portuguese		f - ej - r a r -	t i m e r -	t r i m - e r -
Catalan	- u l u r a	f l a j r a - -	t e m a - -	
Walloon			t e m e - -	
Friulian	n u l i - - -		t e m e - -	t r i m - a: - -
Romanian			t e m e - -	

Appendix 12 - Concepts Used

	ToSleep-Primary	ToLive-Primary	ToDie-Primary	ToKill-Primary
Latin	d - o r m i r e	w i w e r e		n - e k a: r e
French	d - s m i s -	v i v - s -	m u s i s -	n w a j - e - -
Spanish	d - o r m i r -	b i b i r -	m o r i r -	
Italian	d - o r m i r e	v i v e r e	m o r i r e	
PortugueseBrazil	d - o s m i s -	v i v e s -	m o s e s -	
Portuguese	d - u r m i r -	v i v e r -	m u s e r -	
Catalan	d - u r m i -	b i w - r ð	m u r i - -	n - ð g a - -
Walloon	d w e s m i -		m o r i - -	
Friulian	d - u r m i: - -	v i v i - -	m u r i: - -	n - e - a: - -
Romanian	d - o r m i - -	v i - a - -	m u r i - -	n - e k a - -
	ToKill-Adnecare	ToKill-Tutari	ToKill-Mactare	ToKill-Occidere
Latin		t u: - t a: r i	m a k t a: r e	o k k i: d e r e
French		t ñ - - e - -		ɔ k s i - - s -
Spanish	a - n e g a r -		m a - t a r -	
Italian	a n n e g a r e			u t f i d e r e
PortugueseBrazil			m a - t a s -	
Portuguese			m e - t a r -	
Catalan			m ð - t a - -	
Walloon		t u w - e - -		u k s i - - - -
Friulian	i n n - e - a: -	t u - d a: - -	m a - f a: - -	
Romanian				u - f i d e - -
	ToFight-Primary	ToFight-Battuere	ToHunt-Captiare	ToHit-Primary
Latin	p u g n a: r e	b a t t u e r e	k a p t i a: r e	p u l s a: r e
French		b a - t - - s -	ʃ a - s - e - -	p u - s e - -
Spanish	p u - p a r -	b a - t - i r -	k a - θ - a r -	p u - x a r -
Italian		b a t t - e r e	k a t f - a r e	
PortugueseBrazil		b a - t - e s -	k a - s - a s -	p u - ſ a s -
Portuguese		b e - t - e r -	k e - s - a r -	p u - ſ a r -
Catalan	p u - p a - -	b a - t - - r ð	k ð - s - a - -	
Walloon		b a - t - - -	f ε - s - i - -	
Friulian		b a - t - i - -	c a - f - a: - -	p u l s a: - -
Romanian		b a - t - e - -		p u l s a - -
	ToCut-Primary	ToCut-Curtare	ToCut-Excurtare	ToCut-Taliare
Latin	s - e k a: r e	k u r t a: r e	e k s k u r t a: r e	t a - l i a: r e
French	s j e - - - -			t a j - - e - -
Spanish	s - e g a r -	k o r t a: r -		t a - x - a r -
Italian	s - e g a r e		- - s k o r t a: r e	t a - Δ Δ a r e
PortugueseBrazil	s - e g a s -	k o s t a: s -		t a - Δ - a s -
Portuguese	s - i y a r -	k u r t a: r -		t e - Δ - a r -
Catalan	s - ð y a - -			t ð - Δ - a - -
Walloon	s - e - a: - -			t ε - - j i - -
Friulian			- - s k u r t a: - -	t a - - j a: - -
Romanian			- - s k u r t a - -	t ð - - j a - -
	ToSplit-Primary	ToSplit-Findere	ToSplit-Partire	ToSplit-Separare
Latin	d i w i d e r e	f i n d e r e	p a r t i: r e	s e: p a r a: r e
French		f ã - d - s -	p a s t i: s -	s ã v - - s e
Spanish	d i b i d i r -	- e n d e r -	p a r t i: r -	s e p a r a: r -
Italian		f ε n d e r e		
PortugueseBrazil	dʒ i v i ð i s -	f ē - d e s -	p a s f i: s -	s e p a r a: s -
Portuguese	d i v i ð i r -	f ē - d e r -	p a r t i: r -	s i p e r a: r -
Catalan	d i b i d i -	f ε n d - r ð	p a r t i: - -	s ð p e r a: r -
Walloon		f ð - d - - -	p a r t i: - -	
Friulian			p a r t i: - -	
Romanian	d i v i d e - -			s e p a r a: - -

Appendix 12 - Concepts Used

	ToStab-Primary	ToScratch-Primary	ToScratch-Rasare	ToScratch-Rasicare
Latin	p - u n g e r e	r a: d e r e		
French	p w ē - d - s -		s a z e - -	
Spanish		r a - e r -	r a s a r -	r a s k a r
Italian	p - u n d ī e r e	r a d e r e	r a s a r e	
PortugueseBrazil	p - ū - 3 i s -	s a - e s -	s a z a s -	s a ſ k a s
Portuguese	p - ū - 3 i r -	s e - e r -	s e z a s -	s e ſ k a r
Catalan	p - u n - i -	r a w - r ð	r ð z a - -	r ð s k a -
Walloon	p ð - d - -			
Friulian	p - ð n d ī i - -	r a d a: - -	r a s a: - -	
Romanian	p - u n d ī e - -	r a d e - -		
	ToScratch-Coctiare	ToDig-Primary	ToDig-Cavare	ToDig-Excavare
Latin		f - o d e r e	k a w a: r e	e k s k a w a: r e
French		f w i - - s -		
Spanish			k a b a: r -	e - s k a b a: r -
Italian			k a v a: r e	- - s k a v a: r e
PortugueseBrazil	k o s a: l		k e v a: s -	i - ſ k e v a: s -
Portuguese	k u s a: r		k e v a: r -	i - ſ k e v a: r -
Catalan			k ð b a - -	
Walloon			ʃ a v e - -	
Friulian			j a v a: - -	- - s ſ a v a: - -
Romanian				
	ToSwim-Primary	ToSwim-Navigare	ToFly-Primary	ToFly-Exvolare
Latin	n - a t a: r e	n a v i g a: r e	w o l a: r e	
French		n a - - 3 e - -	v o l e - -	
Spanish	n - a d a: r -	n a b e g a: r -	b o l a: r -	
Italian	n w o t a: r e		v o l a: r e	z v o l a: r e
PortugueseBrazil	n - a d a: s -	n a v i y a: s -	v o - a: s -	
Portuguese	n - e ð a: r -	n e v i y a: r -	v w - a: r -	
Catalan	n - ð d a - -	n ð b ð g a - -	b u l a - -	
Walloon		n ð - - j i - -	v o l e - -	
Friulian	n - a d a: - -	n a v i g a: - -		z v o l a: - -
Romanian		n a v i g a - -		z b u r a - -
	ToWalk-Primary	ToWalk-Mergere	ToWalk-Abitare	ToCome-Primary
Latin		m e r g e r e	a m b i t a: r e	w e n i: r e
French	ʃ ð - m i n e - -			v ð n i: s -
Spanish	k a - m i n a: r -		a n d - - a: r -	b e n i: r -
Italian	k a m m i n a: r e	m ð r ð g e r e	a n d - - a: r e	v e n i: r e
PortugueseBrazil	k e - m i n a: s -		ð ð - d - - a: s -	v - - i: s -
Portuguese	k e - m i n a: r -		ð ð - d - - a: r -	v - - i: r -
Catalan	k ð - m i n a - -			b ð n i - -
Walloon	c a - m i n a: - -			v i n i - -
Friulian		m e r ð g e - -		v i n i: - -
Romanian				v e n i - -
	ToLieAsInABed-Primary	ToLieAsInABed-lacere	ToSit-Primary	ToSit-Sedentare
Latin	e k s t e n d e r e	j a - k e: r e	s - e d e: r e	s e d e n t a: r e
French	e - - t ã - d - s -	ʒ e - z i s -	s w a - - s -	
Spanish	e k s t e n d e r -	j a - ð e r -	s - e - - r -	s e - - n t a: r -
Italian		ð ð a - ſ e r e	s - e d e: r e	
PortugueseBrazil	i - s t ð - d e s -	ʒ e - z e s -	s - e - - s -	s ð - - t a: r -
Portuguese	i - ſ t ð - d e r -	ʒ e - z e r -	s - e - - r -	s ð - - t a: r -
Catalan	ə - s t e n d - r ð	ʒ a w - r ð		
Walloon		ð ð i - - r -		
Friulian	- - s t i n d i - -	j e - s i - -	s - ej - - -	s e - - n t a: r -
Romanian	e k s t i n d e - -	z ð - ſ ð e a - -	s - e d ð e a - -	

Appendix 12 - Concepts Used

	ToStand-Primary	ToStand-Levare	ToStand-Altiare	ToTurnIntransitive-Primary
Latin	- s t a: r e	l e v a: r e		t o r n a: r e
French	ɛ - t - ʁ -	l ə v e - -	o - s e - -	t u ʁ n e - -
Spanish	e s t a: r -	j e b a: r -	a l θ a: r -	t o r n a: r -
Italian	- s t a: r e	l e v a: r e	a l t s a: r e	t o r n a: r e
PortugueseBrazil	i ſ t a: r -	l e v a: ʁ -	a ʃ s a: - -	t o ʁ n a: ʁ -
Portuguese	i ſ t a: r -	l i v a: r -	a ʃ s a: r -	t u r n a: r -
Catalan	ə s t a: - -	ʎ ə b a: - -	ə l s a: - -	t u r n a: - -
Walloon		l ε v e - -	o - s i - -	t u r n e - -
Friulian	- s t a: - -	l e v a: - -	a l tʃ a: - -	t o r n a: - -
Romanian	- s t a: - -	l - u a - -		t u r n a: - -
	ToTurnIntransitive-Gyrare	ToTurnIntransitive-Torquere	ToFall-Primary	ToFall-Tumbare
Latin	g y r a: r e	- t - o r kʷe: r e	k - a d e r e	
French	ʒ i ʁ e - -	- t - ɔ ʁ d - ʁ -	ʃ w a - - ʁ -	t ɔ - b e -
Spanish	x i r a: r -	- t - o r θ e: r -	k - a - e r -	t u m b a: r
Italian	dʒ i r a: r e	- t - ɔ r f e: r e	k - a d e r e	
PortugueseBrazil	ʒ i r a: r -	- t - u r s e: r -	k - ɐ - i r -	t õ - b a: ʁ
Portuguese	ʒ i r a: r -	- t - u r s e: r -	k - ɐ - i r -	t õ - b a: r
Catalan	ʒ i r a: - -	- t - ɔ r s ə: - -	k - a w - r ə	t u m b a: -
Walloon			ʃ - ε - r -	t u m - e -
Friulian	dʒ i r a: - -	s t w a: r d z i: - -	c - a d e: - -	
Romanian		- t - ɔ a r f e: - -	k - ə d ə a: - -	
	ToGive-Primary	ToGive-Donare	ToHold-Primary	ToSqueeze-Primary
Latin	d a: r e	d o n a: r e	t e n e: r e	e k s p r i m - e r e
French	d ɔ n e - -	t ə n i ʁ -	e - - p ʁ ɛ - d - ʁ	
Spanish	d a: r -	d o n a: r -	t e n e: r -	e k s p r e m - i r
Italian	d a: r e	d o n a: r e	t e n e: r e	- - s p r e m - e r e
PortugueseBrazil	d a: ʁ -	d o - a - -	t e - - ʁ -	i - ſ p r ə m - e ʁ
Portuguese	d a: r -	d u - a: r -	t e - - ɾ -	i - ſ p r ə m - e r
Catalan	d a: r -	d u n a: - -	t ə n i: - -	ə - s p r e m - ə -
Walloon		d i n e: - -	t i n i: - -	
Friulian	d a: - -	d o n a: - -	t i p i: - -	e - s p r i m - i -
Romanian	d a: - -		t s i n e: - -	- s k - r e m - e -
	ToSqueeze-Serrere	ToSqueeze-Serare	ToSqueeze-Apectore	ToSqueeze-Stringere
Latin	s e r r e: r e	s - e - r a: r e	a p p e k t o r a: r e	s t r i n g e: r e
French		s - e - ʁ e: - -		e - t ʁ ɛ - d - ʁ -
Spanish	θ - e - r a: r -	a - p - - r e t a: r -	e s t r e n - i r -	
Italian	s - e r r a: r e		- s t r i n d: e r e	
PortugueseBrazil	s e - ʁ a: - -	s - i - ʁ a: r -	ə ſ t r i ̃ - ʒ i r -	
Portuguese	s ə - ʁ a: r -	s - i - ʁ a: r -	ə ſ t r i ̃ - ʒ i r -	
Catalan	s ə - r a: - -		ə ſ t r e n - ə -	
Walloon		s - ε - r e: - -		- s t r ɛ n d: - -
Friulian		s j e - r a: - -		- s t r e n dʒ i: - -
Romanian				- s t r i n dʒ e: - -

Appendix 12 - Concepts Used

	ToRub-Primary	ToRub-Exfricare	ToRub-Frictare	ToRub-Frictiare
Latin	f r i k a: r e		f r i k t a: r e	
French	f ʁ e j e - - -		f ʁ o - t e - - -	
Spanish	f r e g a: r -		f r o - t a r -	f r i s a: r
Italian	f r e g a: r e		f r e t t a: r e	
PortugueseBrazil		i ſ f r i g a: r		
Portuguese		i ſ f r i y a: r		
Catalan	f r ə g a: - - -			f r ə s a: - - -
Walloon	f r ɔ̃ j i - - -		f r ɔ̃ - t e - - -	
Friulian	f r e - a: - - -			
Romanian	f r e k a - - -			
	ToWash-Primary	ToWipe-Extergere	ToWipe-Exsucare	ToWipe-Limpidare
Latin	l a w a: r e	e k s t e r g e r e	e k s - u: k - a: r e	l i m p i d a: r e
French	l a v e - - -	e - s t a r s i f -	e - s q u i - j e - - -	l i m p j - a: r -
Spanish	l a β a: r -			
Italian	l a v a: r e		a ſ ſ - u g - a: r e	
PortugueseBrazil	l ɐ v a: r -		ẽ - ſ ſ - u g - a: r -	l ǐ - p - - - a: r -
Portuguese	l ɐ v a: r -		ẽ - ſ ſ - u y - a: r -	l ǐ - p - - - a: r -
Catalan	ʎ ə b a - - -	ə - s t ə r ʒ i - - -	ə - ſ ſ - u g - a - - -	
Walloon	l a v e - - -		- - s - y - - e - - -	
Friulian	l a v a: - - -		- - s - u - j a: - - -	
Romanian	l a - - -	- - ſ t e r dʒ e - - -	u - s - k - a - - -	
	ToPull-Primary	ToPull-Trahere	ToPush-Primary	ToThrow-Primary
Latin	t i r a: r e	t r a h e r e	i m p i n g e r e	j a k t a: r e
French	t i ʁ e - - -	t ʁ - - ε ʁ -		ʒ ə - t e - - -
Spanish	t i r a: r -			- e - ʃ a: r -
Italian	t i r a: r e	t r a: r - - r e		ɖ e t t a: r e
PortugueseBrazil	tʃ i r a - - -	t r a: z e - - -		ʒ ej - t a: r -
Portuguese	t i r a: r -	t r e: z e r -		ʒ ej - t a: r -
Catalan	t i r a - - -	t r ε w - ſ ə	ə m p ε n - ə - - -	x i - t a - - -
Walloon	t i r e - - -			ɖ ɛ - t e - - -
Friulian	t i r a: - - -	t r a: ʃ e - - -	i m p i n dʒ e - - -	
Romanian				
	ToThrow-Lanceare	ToTie-Primary	ToTie-Aptare	ToSew-Primary
Latin	l a n k e a: r e	l i g a: r e	a p t a: r e	k o: n - s u e r e
French	l ð - s - e - - -	l j - e - - -		k u - d - - - ʁ -
Spanish	l a n θ - a: r -	l e g a: r -	a - t a: r -	k o - - s - e r -
Italian	l a n ſ - a: r e	l e g a: r e		k u - - ʃ - i r e
PortugueseBrazil	l ẽ - s - a - - -		ə - t a: r -	k u - - z - e r -
Portuguese	l ẽ - s - a: r -		ə - t a: r -	k u - - z - e r -
Catalan	ʎ ə n s - a - - -	ʎ i y a - - -		k u - - z - i - - -
Walloon	l ð - s - i - - -	l oj i - - -		k ø - - z - - - -
Friulian	l a n ſ - a: - - -	l e - a: - - -		k u - - z - i - - -
Romanian		l e g a - - -		c ə - - s - e - - -
	ToCount-Primary	ToCount-Numerare	ToSay-Primary	ToSay-Exponere
Latin	k o m p u t a: r e	n u m - e r a: r e	d i: k e r e	e k s p o: n e r e
French	k ɔ̃ - - - t e - - -	n ɔ̃ - b - ʁ e - - -	d i - - ʁ -	
Spanish	k o n - - - t a: r -		d e θ i ſ -	
Italian	k o n - - - t a: r e	n o v - e r a: r e	d i - - r e	e - s p o: r - r e
PortugueseBrazil	k ō - - - t a: r -		d i z e ſ -	
Portuguese	k ō - - - t a: r -		d i z e ſ -	
Catalan	k u m - - - t a - - -	n u m - e r a - - -	d i - - - - -	
Walloon	k o - - - t e - - -		d i - - r -	
Friulian	k o n - - - t a: - - -	n u m - e r a: - - -	d i: - - - -	
Romanian		n u m - a r a: - - -	z i ſ e - - -	- - s p u n e: - - -

Appendix 12 - Concepts Used

	ToSing-Primary	ToPlay-Ludere	ToPlay-Jiocare	ToFloat-Primary
Latin	k a n t a: r e	l u d e r e	j o - k a: r e	f l u: k t u a: r e
French	s ā - t e - -		z - w - e - -	
Spanish	k a n t a: r -	l u d i r -	x u - g a: r -	f l u g t w a: r -
Italian	k a n t a: r e		đ o - k a: r e	
PortugueseBrazil	k ē - t a: r -		z o - g a: r -	f l u - t u a: r -
Portuguese	k ē - t a: r -		z u - y a: r -	f l u - t u a: r -
Catalan	k ə n t a - -		z u - g a - -	f l u k t u a - -
Walloon	ſ ā - t e - -		đ u w - e - -	
Friulian	c a n t a: - -		đ u j - a: - -	
Romanian	k i n t a - -		z u - k a - -	f l u c t u a - -
	ToFlow-Primary	ToFlow-Colare	ToFlow-Excurrere	ToFlow-Currere
Latin	f l u e r e	k o l a: r e	e k s k u r r r e	k u r r r e r e
French		k u l e - -		k u - s i s -
Spanish	f l u i r -	k o l a: r -	e - s k u - r i r -	k o - r e r -
Italian		k o l a: r e	- s k o r r e r e	k o r r e r e
PortugueseBrazil	f l w i s -	k o - a: r -	i - ſ k o - s e s -	k o - s e s -
Portuguese	f l w i r -	k u - a: r -	i - ſ k u - r e r -	k u - s e r -
Catalan	f l u i - -	k u ū a: - -	ə - s k o - r ə - -	k o - r ə - -
Walloon		k o l e - -	- - s k o - r i: - -	k o - r i - -
Friulian		k o l a: - -	- - s k u r đ e - -	k u r đ e - -
Romanian				
	ToFreeze-Primary	ToFreeze-Glaciare	ToFreeze-Inglaciare	ToSwell-Primary
Latin	g e l a: r e		i n g l a k i a: r e	i n f l a: r e
French	z ā l e - -	g a - s - e - -		ă - f l e - -
Spanish	- e l a: r -			i n ſ - a: r -
Italian	đ e l a: r e	g a t ſ j a: r e		e n f i a: r e
PortugueseBrazil	z ī l a: r -			ī - ſ - a: r -
Portuguese	z ī l a: r -			ī - ſ - a: r -
Catalan	z ē l a - -	g ə - s - a - -		i m f l a - -
Walloon	đ a l e - -			ě - f l e - -
Friulian	đ e l a: - -	g a - ſ - a: - -	i n g - e t s - a - -	e n f l a: - -
Romanian				u m f l a - -
	ToSwell-Conflare	ToSwell-Intumescere	ToSwell-Crescere	ToBurn-Cremare
Latin	- k - o n f l a: r e	i n t u m e: s k e r	ek r - e: s k e r e	k r e m a: r e
French			k ū w a - t - ū -	
Spanish			e n t u m e ū - e r -	
Italian	- g - o n f j a: r e	g t u m e ū - e r -	k r - e ū ū e r e	k - e m a: r -
PortugueseBrazil			ī - t u m e ū - e r -	k - ejm a: r e
Portuguese			ī - t u m e ū - e r -	k - ejm a: ū e
Catalan			k r - e ū ū e r -	k r ē m a - -
Walloon	- g - ū - f l e - -		k r - ε h - - -	
Friulian	z g l o n f - a: - -		k r - ε s - i - -	
Romanian			k r - e ū ū e r -	
	ToBurn-Flammare	ToBurn-Ardere	ToBurn-Incendere	ToBurn-Ustulare
Latin	f l a m m a: r e	a r d e: r e	i n k e n d - e r e	u s t u l a: r e
French	f l a - m e - -	a ū d - ū -		
Spanish		a ū d e ū -		
Italian		a ū d e ū -		
PortugueseBrazil		a ū d e ū -		
Portuguese		a ū d e ū -		
Catalan	f ū a - m a - -			
Walloon		a ū d i - -		
Friulian		a ū d e - -		
Romanian			i n ſ i n d ū e - -	u s t u r a - -

Appendix 12 - Concepts Used

	All-Primary	All-Totus	Many-Primary	Many-Tantus
Latin	o m n i s	t o: - t u s	m u l t u s	t a n t u s
French		t u - - -	m u - - -	
Spanish		t o - d o -	m u - ſ o -	t a n t o -
Italian	o n p i -	t u t t o -	m o l t o -	t a n t o -
PortugueseBrazil		t o - d u -	m ū j - t u	t ē - t u -
Portuguese		t o - ð u -	m ū j - t u	t ē - t u -
Catalan		t o - t - -	m o l - - -	t a n t - -
Walloon		t ſ - - -		
Friulian		d u - t - -	m o l c - -	t a n c - -
Romanian		t o - t - -	m u l t - -	
	Some-Primary	Few-Primary	Other-Primary	Other-Alius
Latin		p a k u s	a l t e r -	a l i u s
		u		
French	o - k œ - -	p ø - - -	o - t - ſ -	
Spanish	a l g u n o	p o k o -	o - t - ſ o	
Italian	a l k u n o	p ſ k o -	a l t - r o	
PortugueseBrazil	a w g ū - -	p o w k u	o w t - ſ u	a w - - - -
Portuguese	a ſ g ū - -	p o w k u	o w t - ſ u	a ſ - - - -
Catalan	ə l g u - -	p ſ k - -	a l t - ſ ə	
Walloon	a l k ſ n -	p o - - -	o - t - - -	
Friulian		p o: k - -	a l t - r i	
Romanian			a l t - - -	
	Big-Primary	Big-Grandem	Big-Majorem	Long-Longum
Latin	m a g n u s	g r a n d e m	m a j o: r e m	l o n g u s
French		g ſ ã - - -		l ſ - - - -
Spanish	m a - p o -	g r a n d e -		l o n g o -
Italian		g r a n d e -		l u n g o -
PortugueseBrazil		g r ē - dʒ i -		l õ - g u -
Portuguese		g r ē - d i -		l õ - g u -
Catalan		g r a n - - -		ʌ o ŋ - - -
Walloon		g r ã - - -		l ſ - - - -
Friulian		g r a n t - - -		l u n k - - -
Romanian			m a - - - r e	l u n g - - -
	Long-Largum	Wide-Primary	Wide-Amplum	Thick-Primary
Latin	l a r g u s	l a: t u s	a m p l u s	k r a s s u s
French	l a ſ 3 - -	l e - - -	ã - p l - -	g ſ a - - - -
Spanish	l a r Y o -	l a t o -	a n ſ - o -	g r a - s o -
Italian	l a r g o -	l a t o -	a m p j o -	g r a s s o -
PortugueseBrazil	l a ſ g u -	l a t u -	ẽ - ſ - u -	g r a s s o -
Portuguese	l a r g u -	l a t u -	ẽ - ſ - u -	g r a - ſ u -
Catalan	ʌ a r k - -		a m p l ə -	g r a - s -
Walloon	l a - dʒ - -		ã - p - - -	k r a - - - -
Friulian	l a r k - -			g r a s - - -
Romanian	l a r g - -	l a t - - -		g r a s - - -
	Thick-Spisum	Thick-Gurdum	Thick-Grossus	Heavy-Primary
Latin	- s p i s s u s	g u r d u s	g r o - s s u s	g r a - - w i s
French	e - p ε - - -		g ſ o - - - -	g ſ i j ε f - -
Spanish	e ſ p e ſ o - -	g o r d o -		g r a - - b e -
Italian	- ſ p e ſ ſ o -		g r ſ - ſ ſ o -	g r ε - - v e -
PortugueseBrazil	i ſ p ε - ſ u -		g r o - ſ ſ u -	g r a - - v i -
Portuguese	i ſ p e - ſ u -		g r o - ſ ſ u -	g r a - - v i -
Catalan	ə ſ p ε - ſ - -		g r ſ - ſ ſ -	g r e - - w - -
Walloon	- ſ p ε - - - -		g r ſ - - - -	g r a - - v - -
Friulian			g r w ε ſ - - -	g r ε - - v i -
Romanian			g r o - ſ - - -	g r e - - w - -

Appendix 12 - Concepts Used

	Heavy-Lurdus	Small-Primary	Small-Pitulus	Short-Primary
Latin	l u r d u s	p i t t i t u s	p i t u l u s	k u r t u s
French	l u s - - -	p e - t i - - -		k u s - - -
Spanish	l e r d o -			k o r t o -
Italian	l o r d o -			k o r t o -
PortugueseBrazil	l e r d o -			k u s t u -
Portuguese	l e r d o -			k u r t u -
Catalan		p e - t i t - - -		k u r t - - -
Walloon	l u r - - -	p i - t i - - -		k u r - - -
Friulian			p i f u l - - -	k u r t - - -
Romanian				
	Short-Brevis	Narrow-Primary	Narrow-Strictus	Thin-Primary
Latin	b r e w i s	a n g u s t u s	s t r i k t u s	s i n u t u s
French	b r e f - -	e t s w a - - -		m a n y - - -
Spanish	b r e b e -	a n g o s t o -	e s t r e e f o	m e n u d o -
Italian	b r e v e -		s t r e e t t o	m i n u t o -
PortugueseBrazil	b r e v i -		i s t r e e j t u	m i u d u -
Portuguese	b r e v i -		i s t r e e j t u	m i u ð u -
Catalan	b r e w - -		ə s t r e e t t u	m a n u t - -
Walloon	b r e f - -		s t r e e t t u	m œ n u - -
Friulian		i n g u s t - - -	s t r e e t t u	m i n u t - -
Romanian			s t r e e t t u	m a r u n t - -
	Thin-Delicatus	Thin-Subtilis	Warm-Primary	Cold-Primary
Latin	d e l i k a t u s	s u b t i l e m	k a l i d u s	f r i g i d u s
French	d u - - 3 - - -	ʃ o - - -	f s w a - - -	
Spanish	d e l y a ð o -	s u - t i l - -	k a l d o -	f r i - i - o -
Italian		s o t t i l e -	k a l d o -	f r e d d o -
PortugueseBrazil	d e w - g a d u -	s u - ſ i w - -	k a w d u -	f r i - i - u -
Portuguese	d e l y a ð u -	s u - ſ i w - -	k a l d u -	f r i - i - u -
Catalan	d a l i k a t - -	s u p t i l - -	k a l - - -	f r i - ε - t -
Walloon		s u - t i l - -	ʃ o - - -	f R ø - - -
Friulian		s u b t i l e -	c a l t - -	f r e: - t - -
Romanian			k a l d - -	
	Cold-Recens	Full-Primary	New-Primary	New-Novellus
Latin	r e k - e n t e m	p l e n u s	n o w u s	n o w e l l u s
French		p l ē - - -	n œ f - -	n u v o - - -
Spanish	r e θ j e n t e -	- λ e n o -	n w e β o -	n o β i - λ o -
Italian		p j e n o -	n w o v o -	n o v e l l o -
PortugueseBrazil	ʁ e s - ē - ſ i -	ʃ - a j - u -	n o v u -	
Portuguese	ʁ e s - ē - ſ i -	ʃ - a j - u -	n o v u -	
Catalan		p ſ e - - -	n o w - -	n u β e - λ o -
Walloon	r e t s - i n t - -	p l e n - -	n u - - -	n o v - - j a -
Friulian	r e t f - e - - -	p l i n - -	n u: f - -	
Romanian			n o w - -	
	New-Novella	Old-Primary	Good-Primary	Bad-Primary
Latin	n o w e l l a	w e t u l u s	b o n u s	m a l u s
French	n u v e - l -	v j ø - - -	b ſ - - -	m a l - -
Spanish		b j e x o - - -	b w e n o -	m a l o -
Italian	n o v e l l a	v ε k - k j o	b w o n o -	m a l o -
PortugueseBrazil		v ej - λ u -	b ſ - - -	m a w - -
Portuguese		v e - λ u -	b ſ - - -	m a w - -
Catalan		v e - λ -	b o n - -	m a l - -
Walloon	n o v - - - j a	v i - - -	b ſ - - -	m a v a -
Friulian		v j e - - - i -	b o n - -	m a l - -
Romanian	n u j - - - a	v e k - - -	b u n - -	

Appendix 12 - Concepts Used

	Rotten-Primary	Rotten-Putrem	Dirty-Primary	Dirty-Spurcus
Latin	p u t r i d u s	p u t r e m	s o r d i d u s	- s p u r c u s
French				
Spanish	p o ð r i ð o -	p o ð r e -	s o r d i d o -	- s p o r k o -
Italian				
PortugueseBrazil		p o d r i -	s o r d i d u -	i s p u r k u -
Portuguese		p o ð r i -	s o r d i d u -	i ſ p u r k u -
Catalan	p u ð r i t - -			
Walloon				
Friulian				- s p o r k - -
Romanian	p u t r e d - -			- s p u r k - -
	Straight-Primary	Round-Primary	SharpAsAKnife-Primary	Smooth-Primary
Latin	d i: r - e: k t u s	r o t u n d u s	a k u: t u s	s u a: w e m
French	d - ʁ w a - - -	ʁ ɔ - - - -		
Spanish		r e d o n d o -	a y u ð o -	
Italian	d - r - i t t o -	r o t o n d o -		s o a v e -
PortugueseBrazil	ð i r - e j - t u -	ʁ e d õ - d u -		
Portuguese	d i r - e j - t u -	ʁ i d õ - d u -	ɛ y u ð u -	
Catalan	d - r - ε - t - -	r ə d o - - -	ə g u t - - -	s u a w - - -
Walloon	d - r - ø - - -	r ɔ - - - -	a g y - - -	
Friulian	d - r - ε - t - -	t a r ɔ n t - -		
Romanian	d - r - e p t - -	r ə t u n d - -		
	Smooth-Nitidus	Wet-Primary	Wet-Udus	Dry-Primary
Latin	n i t i d u s	u: m i d u s	u: d u s	s i k k u s
French	n ε t - - -			s ε - k - -
Spanish	n i ð i - o -			s e - k o -
Italian	n e t - t o -			s e k k o -
PortugueseBrazil	n ε ð u - - -			s e - k u -
Portuguese	n ε ð u - - -			s e - k u -
Catalan	n ε t - - -			s ε k - - -
Walloon	n ε t - - -	y m - - - -		s ε - t̪ - -
Friulian	n ε t - - -	u m i d - -		s ε - k - -
Romanian	n e t e d - -	u m e d - -	u d - - -	s e k - - -
	Near-Primary	Near-AdPrope	Near-Pressus	Near-Vicinus
Latin	p r o k s i - - m u s a d p r o p r e		p r e s s u s	w - i: k i: n u s
French			p ʁ ε - - - -	v w a z ɛ - - -
Spanish	p r o x - i - - m o -			b - e θ i n o -
Italian			p r ε s s o -	v - i t̪ i n o -
PortugueseBrazil	p r o - s i - - m u -			v - i z i n u -
Portuguese	p r o - s i - - m u -			v - i z i n u -
Catalan	p r o - - - i z m e - ə - p r ɔ p - -			b - ə - i - - -
Walloon	p r o - - - m - -		p r ε - - - -	v - ε h ɛ - - -
Friulian	p r o - s i - - m - -	a - p r ɔ p - -		v - i t̪ i n - - -
Romanian				v - e t̪ i n - - -

Appendix 12 - Concepts Used

	Near-Circa	Far-Primary	Right-Dextrem	Left-Primary
Latin	k i r k a		d - e k s t r u m	s i n - i s t r u m
French		l w ē - t ē - -		s ē n - ē s t r u m
Spanish	θ e r k a		d j e - s t r o -	s i n j e s t r o -
Italian		l - o n t a n o	d - ε - s t r o -	
PortugueseBrazil			d - ε - s t r u -	s - - - ε ſ t r u -
Portuguese			d - ε - ſ t r u -	s - - - ε ſ t r u -
Catalan		λ - u n t a - -	d - e - s t r e -	
Walloon			d j e - s t r -	s ε p ε s - - -
Friulian		l - o n t a n -	d j e - s t r i -	s i n - e s t r i -
Romanian				
	Red-Primary	Red-Vermiculus	Red-Rubeus	Green-Primary
Latin	r u s s u s	v e r m i k u l u s	r u - b e u s	w i r i d e m
French	ʁ u - - -	v ε ʁ m e j - - -	ʁ u - ʒ - -	v ε ʁ - - -
Spanish	r o - x o -	b e r m e x o - - -	r u - b j o -	b e r - d e -
Italian	r o s s o -		r o b b j o -	v e r - d e -
PortugueseBrazil	ʁ o - ſ ḡ -	v e ʁ m e - - - λ u -	r u - b e o -	v e r - d i -
Portuguese	ʁ o - ſ u -	v i ʁ m e j - - - λ u -	r u - b e o -	v e r - d i -
Catalan	r o - s - -	b ə r m e - - - λ - -	r u - ð g e - -	v ε r - t - -
Walloon	r o ð g - - -		r o - ſ - - -	v e r - - -
Friulian	r o - s - -			v ε r - t - -
Romanian	r o - ſ u -		r oj - b - - -	v e r - d e -
	Yellow-Primary	Yellow-Amarellus	White-Primary	Black-Primary
Latin	g a l b i n u s	a m a r e l l u s	a l b u s	n - i g r u m
French	ʒ o - - - n - -	a m a f i - - j o -	a l b o -	n w a - ʁ - -
Spanish				n e y r o - -
Italian				n e - r o - -
PortugueseBrazil		ɐ m a r ɛ - l u -	a w v u -	n e g r u - -
Portuguese		ɐ m e r ɛ - l u -	a l v u -	n e g r u - -
Catalan			a l b - -	n ε y r ə - -
Walloon	ðʒ e - - - n - -			n ø - r - -
Friulian				n e - r i - -
Romanian	g a l b e n - -		a l b - -	n e g r u - -
	Black-Pretto	One-Primary	Two-Duos	Two-Duae
Latin		u: n u s	d u o: s	d u - aj
French		œ̃ - - -	d - ø -	
Spanish	p r j e t o	u n o -	d - o s	
Italian		u n o -		d u - e
PortugueseBrazil	p r - e t u	ũ - - -	d - oj s	
Portuguese	p r - e t u	ũ - - -	d - oj ſ	
Catalan		u n - -	d - o s	
Walloon	ʒ - - -		d - ø: s	
Friulian	u ŋ - -		d - oj -	
Romanian	u n u -		d - oj -	d o w ə
	Two-Duas	Three-Primary	Four-Primary	Five-Primary
Latin	d u a s	t r - e: s	k ^w - a t t w o r -	k ^w i: n k ^w - e
French		t ʁ w a -	k - a - t - -	s ē - k - -
Spanish		t r - e s	k w a - t - -	θ i n k - o
Italian		t r - e -	k w a t t - -	ʃ i ŋ k w e
PortugueseBrazil	d u e s	t r - e s	k w a - t - -	s ī - k - u
Portuguese	d u e ſ	t r - e ſ	k w a - t - -	s ī - k - u
Catalan		t r - ε s	k w a - t - -	s i ŋ k - -
Walloon		t r - ø s	k w a - t - -	s ē - k - -
Friulian		t r - e: -	k w a - t - -	ʃ i ŋ k - -
Romanian		t r - ej -	p - a - t - -	ʃ i n ʃ -

Appendix 12 - Concepts Used

	Here-Primary	There-Primary	There-Ibi	There-Adlbi
Latin	e k k u m h i k	i l l a: k	i b i:	
French		- - l a -		
Spanish	a - k - - - i -	a - j a -		a i
Italian	- - k w - - i -	- - l a -	- v i	
PortugueseBrazil	a - k - - - i -	- - l a -		a i
Portuguese	e - k - - - i -	- - l a -		e i
Catalan	a - k - - - i -	ə - ʌ a -		
Walloon		- - l a -		
Friulian	a - k - - - i -		- - l a -	
Romanian		- - l a -		
	Who-Qui	Who-Quem	What-Primary	When-Quando
Latin	k ^w - i s	k ^w - e m -	k ^w - i d	k ^w - a n d o:
French	k - i -		k w a -	k - ã - - -
Spanish		k j e n -	k - e -	k w a n d o
Italian	k - i -		k - e -	k w a n d o
PortugueseBrazil		k - ēj - -	k - i -	k w ē - d u
Portuguese		k - āj - -	k - ɪ -	k w ē - d u
Catalan	k - i -		k - ε -	k w a n - -
Walloon	k - i -		k w ε -	k w a n d -
Friulian	k w i -		ʃ - e -	k w a n t -
Romanian		ʃ - i n e	ʃ - e -	k - i n d -
	How-Quomodo	Not-Primary	Not-Nec	At-Primary
Latin	k ^w o: m o d o	n o: n	n e k	a d
French	k o m ā - -	n ū -	n i -	a -
Spanish	k o m o - -	n o -	n i -	a -
Italian	k o m e - -	n o n	n e -	a -
PortugueseBrazil	k o m u - -	n ē -	n ēj -	a -
Portuguese	k o m u - -	n ē -	n ēj -	e -
Catalan	k o m - - -	n o -	n i -	a -
Walloon	k o m - - -	n ū -	n i -	a -
Friulian	tʃ e m u: t -	n o -		a -
Romanian	k u m - - -	n u -		a -
	In-In	In-Deintus	With-Cum	With-Abhoc
Latin	i n	d e i n t u s	k u m	a b h o c
French	ã -	d ã - - - - -		a v - ε k
Spanish	e n		k o n	
Italian	i n		k o n	
PortugueseBrazil	ēj -		k ō -	
Portuguese	ēj -		k ō -	
Catalan	ə n	d i - n - s		
Walloon	ɛ n			a v - u -
Friulian	i n		k u -	
Romanian				

Appendix 12 - Concepts Used

	And-Et	And-Si	If-Primary	Because-Quod
Latin	e t	s i k	s i:	k ^w o d
French	e -	s i -	s i	
Spanish	i -	s i -	s i	k e -
Italian	e -	s i -	s e	k e -
PortugueseBrazil	i -	s ī -	s i	k i -
Portuguese	i -	s ī -	s ī	k ī -
Catalan	i -	s i -	s i	k ə -
Walloon	ɛ -	s i -	s i	
Friulian	e -	s i -	s e	k e -
Romanian	e -	f i -	s ə	k ə -