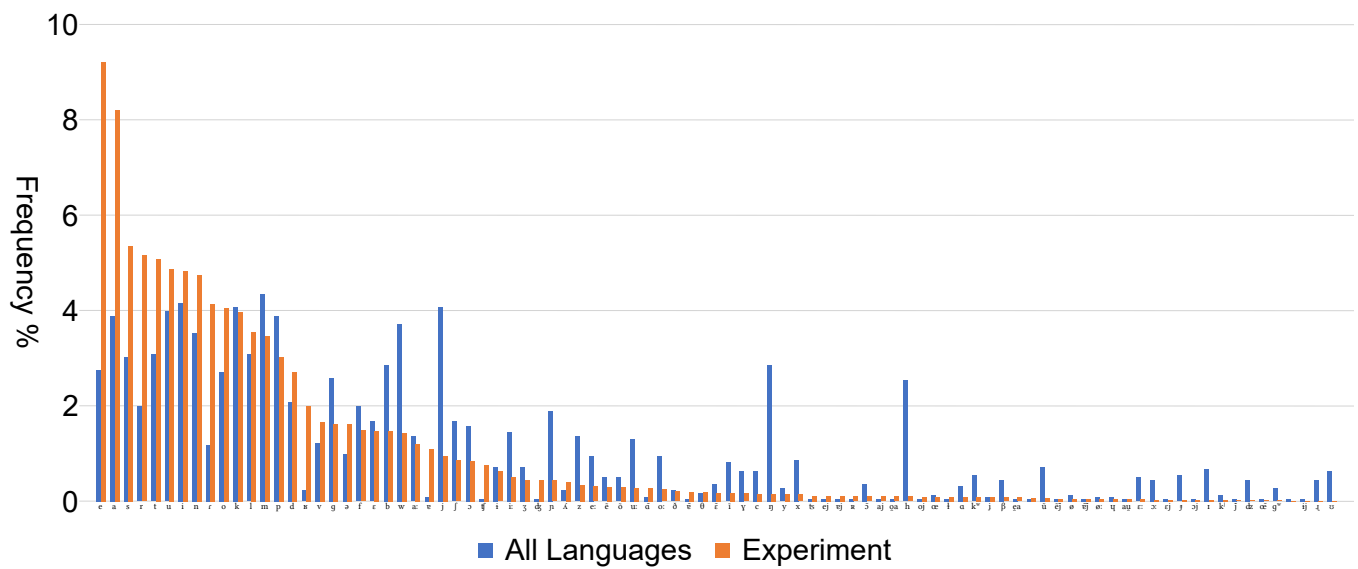


Appendix 1 - Prior Segment Frequencies



Appendix 2 - Prior Frequencies

[illegible]

Appendix 2 - Prior Frequencies

ɹ → r

ToScratch.Coctiare						
k	o	s	a	ɹ		
k	u	s	a	r		

i → o:

ToKnow.Cognoscere									
k	u	-	ɲ	i	s	-	e	r	-
k	o	g	n	o:	s	k	e	r	e

i → u

Small.Pittinus						
p	i	-	k	e	n	u
p	u	-	t	s	i	n

i → a:

Hand.Primary				
m	i	n	ə	-
m	a:	n	o	-

ɕ → i

Skin.Primary						
k	-	o	ɕ	i	-	ɐ
k	-	o	j	i	n	-

ɐ → aj

ToPull.Trahere						
t	r	ɐ	z	e	r	-
t	r	aj	-	-	-	-

ɐ → ɔ:

ToSplit.Partire						
p	ɐ	r	t	i	r	-
p	ɔ:	r	t	i	-	-

ɕ → f

Rain.Primary						
p	j	o	d	ɕ	-	a
p	l	ɛ	-	f	-	-

ə → ɪ

I.Primary			
ʒ	ə	-	-
ɕ	ɪ	-	-

i → ɔ

ToKnow.Cognoscere									
k	u	-	ɲ	i	s	-	e	r	-
k	i	-	n	ɔ	h	-	-	-	-

ə → ɛj

ToRub.Primary						
f	r	ə	g	a	-	-
f	ɐ	ɛj	e	-	-	-

Appendix 2 - Prior Frequencies

ɔ̥ → ʃ

Hair.Capillus							
ɔ̥	i	v	ε	-	-	-	-
ʃ	ə	v	ø	-	-	-	-

ə → ẽj

In.In	
ə	n
ẽj	-

ə → ẽj

In.In	
ə	n
ẽj	-

ə → ɔ̃

Sand.Sabulum							
s	o	-	-	r	ə	-	-
s	a	v	-	j	ɔ̃	-	-

ɔ̥ → ʃf

Red.Rubeus							
r	u	-	ɔ̥	e	-	-	-
r	ɔ̥	-	ʃf	-	-	-	-

ə → ɔ̥

Sand.Sabulum							
s	o	-	-	r	ə	-	-
s	a	v	a	l	ɔ̥	n	-

ə → u:

Thin.Delicatus							
d	ə	l	i	k	a	t	-
d	u:	-	-	ʒ	e:	-	-

œ̃ → ɔ̃

One.Primary			
œ̃	-	-	-
ɔ̃	-	-	-

ə → oj

ToRub.Primary					
f	r	ə	g	a	-
f	r	oj	-	-	-

i → ε:

What.Primary			
k	-	i	-
k	w	ε:	-

ʒ → dz

Day.Diurnata							
ʒ	-	u	ɳ	n	e	-	-
dz	-	o	r	n	a	d	e

Appendix 2 - Prior Frequencies

ʒ → θ

Near.Vicinus							
v	-	i	ʒ	ē	-	-	-
b	-	e	θ	i	n	o	-

ʒ → ɪ

ToBurn.Incendere							
i	n	ʃ	i	n	d	ʒ	e
ī	-	s	e	n	ɔ̃	ɪ	a

y → ɥ

Fruit.Primary							
f	r	y	-	t	-	-	-
f	ʁ	ɥ	i	-	-	-	-

y → ɔa

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

y → i

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

y → ø

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

ʒ → w

Rain.Primary							
p	l	u	-	ʒ	-	ə	-
p	l	u	-	w	i	a	-

ʒ → s

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

ʒ → f

Rain.Primary							
p	l	u	-	ʒ	-	ə	-
p	l	ε	-	f	-	-	-

y → i:

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

i → ɛa

ToDrink.Primary							
b	-	i	β	e	r	-	-
b	-	ɛa	-	-	-	-	-

Appendix 2 - Prior Frequencies

i → a

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

i → aj

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

i → qa

ToKnow.Cognoscere							
k	u	-	ɲ	i	s	-	e r -
k	u	-	n	qa	f	t	e - -

i → ej

Narrow.Strictus									
-	s	t	r	-	i	m	-	t	-
i	s	t	r	-	ej	-	-	t	u

i → ej

Narrow.Strictus									
-	s	t	r	-	i	m	-	t	-
i	ʃ	t	r	-	ej	-	-	t	u

i → y

River.Rivus			
r	i	-	w
ʁ	y	-	-

i → ẽj

In.In	
i	n
ẽj	-

i → ẽj

In.In	
i	n
ẽj	-

i → ð

Blood.Primary							
s	i	n	ɖ	-	e	-	-
s	ð	-	g	-	-	-	-

œ → u:

One.Primary			
œ	-	-	-
u:	n	u	s

ej → a:

ToSmell.Fragrare						
ʃ	-	ej	-	r	a	r
f	r	a:	g	r	a:	r e

Appendix 2 - Prior Frequencies

$\tilde{e}j \rightarrow i$

In.In		
$\tilde{e}j$	-	
i	n	

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

Not.Nec		
n	$\tilde{e}j$	-
n	\tilde{e}	-

$\tilde{o} \rightarrow \emptyset$

Few.Primary				
p	\tilde{o}	-	-	-
p	\emptyset	-	-	-

$\tilde{o} \rightarrow o:$

Few.Primary				
p	\tilde{o}	-	-	-
p	$o:$	k	-	-

$\tilde{o} \rightarrow u:$

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

$\tilde{e} \rightarrow ej$

Breast.Primary				
s	\tilde{e}	-	-	-
s	ej	-	u	-

$\theta \rightarrow d$

ToTurnIntransitive.Torquere						
t	o	r	θ	e	r	-
t	ɔ	ɾ	d	-	ɾ	-

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

Not.Nec		
n	\tilde{e}	-
n	$\tilde{e}j$	-

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

Not.Nec		
n	\tilde{e}	-
n	$\tilde{e}j$	-

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

Full.Primary					
p	l	\tilde{e}	-	-	-
p	j	$\varepsilon:$	n	o	-

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

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

Appendix 2 - Prior Frequencies

$\theta \rightarrow 3$

Near.Vicinus							
b	-	e	θ	i	n	o	-
v	-	i	3	ẽ	-	-	-

$\theta \rightarrow c$

ToThrow.Lanceare							
l	a	n	θ	-	a	r	-
l	a	n	c	-	i:	-	-

$\theta \rightarrow h$

ToKnow.Cognoscere							
k	o	-	n	o	θ	-	e r -
k	i	-	n	ɔ	h	-	- - -

$\emptyset \rightarrow \text{œ}$

Fire.Focus					
f	-	\emptyset	-	-	-
f	-	œ	-	-	-

$\emptyset \rightarrow \text{qa}$

Tail.Primary				
k	\emptyset	-	-	-
c	qa	d	ə	-

$\emptyset \rightarrow ej$

Hair.Capillus							
ʃ	ə	v	\emptyset	-	-	-	-
c	a	v	ej	-	-	-	-

$\emptyset \rightarrow ej$

Old.Primary							
v	j	\emptyset	-	-	-	-	-
v	-	ej	-	-	ʌ	u	-

$\emptyset \rightarrow y$

Moon.Primary				
l	\emptyset	n	-	-
l	y	n	-	-

$\emptyset \rightarrow \tilde{o}$

Few.Primary				
p	\emptyset	-	-	-
p	\tilde{o}	-	-	-

$\tilde{e} \rightarrow a:$

Hand.Primary				
m	\tilde{e}	-	-	-
m	a:	n	o	-

$z \rightarrow dz$

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

Appendix 2 - Prior Frequencies

z → j

ToLieAsInABed.Iacere

z	ə	-	f	ea	-	-
j	a	-	θ	e	r	-

õ → w

ToHear.Primary

õ	-	-	-	R	-
w	-	-	i	ʁ	-

ɖɟ → h

ToPull.Trahere

t	r	a	ɖɟ	e	-	-
t	r	a	h	e	r	e

ẽj → e:

Cloud.Primary

n	u	v	ẽj	-
n	u:	b	e:	s

ẽj → i

In.In

ẽj	-
i	n

ẽj → ə

In.In

ẽj	-
ə	n

ẽj → ě

Not.Nec

n	ẽj	-
n	ě	-

ẽj → e:

Cloud.Primary

n	u	v	ẽj	-
n	u:	b	e:	s

t → ɣ

Lake.Primary

l	a:	t	-	-
l	a	ɣ	u	-

ɖɟ → g^w

Blood.Primary

s	i	n	ɖɟ	-	e	-	-	-
s	a	n	g ^w	-	i	n	e	m

õ → i

Blood.Primary

s	õ	-	g	-	-	-	-	-
s	i	n	ɖɟ	-	e	-	-	-

Appendix 2 - Prior Frequencies

$\tilde{o} \rightarrow \text{ə}$

Sand.Sabulum						
s	ɑ	v	-	j	\tilde{o}	-
s	o	-	-	r	ə	-

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

Blood.Primary						
s	\tilde{o}	-	g	-	-	-
s	\tilde{a}	-	-	-	-	-

$\lambda \rightarrow \text{t}$

Full.Primary					
-	λ	e	n	o	-
p	t	ε	-	-	-

$\tilde{e} \rightarrow \text{ε:}$

Full.Primary					
p	l	\tilde{e}	-	-	-
p	j	ε:	n	o	-

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

How.Quomodo					
k	ɔ	m	\tilde{e}	-	-
ʃ	e	m	u:	t	-

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

Hand.Primary				
m	\tilde{e}	-	-	-
m	a:	n	o	-

$z \rightarrow \text{t}$

Foot.Primary					
p	i	e	-	z	-
p	-	i:	-	t	-

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

Blood.Primary						
s	\tilde{a}	-	-	-	-	-
s	\tilde{o}	-	g	-	-	-

$\tilde{a} \rightarrow \text{u:}$

How.Quomodo					
k	ɔ	m	\tilde{a}	-	-
ʃ	e	m	u:	t	-

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

ToThink.Pensare					
p	\tilde{a}	-	s	e	-
p	e:	n	s	a:	r

$\tilde{e}j \rightarrow \text{ə}$

In.In	
$\tilde{e}j$	-
ə	n

Appendix 2 - Prior Frequencies

vj → ø

Old.Primary						
v	-	vj	-	-	Λ	u
v	j	ø	-	-	-	-

vj → i

Narrow.Strictus						
i	ɪ	t	r	-	vj	-
-	s	t	r	-	i	m
-	-	-	-	-	-	-

ʃf → dʒ

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

d → k^w

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

ɲ → m

All.Primary				
o	ɲ	ɲ	i	-
o	m	n	i	s

m → ɲ

All.Primary				
o	m	n	i	s
o	ɲ	ɲ	i	-

m → e

Big.Majjorem						
m	aj	j	o:	r	e	m
m	a	-	-	r	e	-

n → b

Name.Nominem						
n	o:	m	i	n	-	e
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

iw → ε

Seed.Granum				
g	r	iw	-	-
g	ɾ	ε	n	-

iw → a:

Seed.Granum				
g	r	iw	-	-
g	r	a:	n	u

Appendix 2 - Prior Frequencies

d → x

Day.Diurnata						
d	i	u	r	n	a:	t a
x	-	o	r	n	a	d a

iw → i

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

ɪ → ə

I.Primary			
ɔ̯	ɪ	-	-
ʒ	ə	-	-

ɔj → œ

Leaf.Primary					
f	-	ɔj	-	-	-
f	-	œ	j	-	-

ɔj → ɔa

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

ɛj → oj

ToRub.Primary					
f	ɾ	ɛj	e	-	-
f	r	oj	-	-	-

ɛj → ej

Ear.Primary					
ɔ	ɾ	ɛj	-	-	-
o	ɾ	ej	-	-	-

ɛj → ə

ToRub.Primary					
f	ɾ	ɛj	e	-	-
f	r	ə	g	a	-

ɛj → ɔ

Sun.Soliculus						
s	ɔ	l	ɛj	-	-	-
s	ɔ	l	ɔ	-	-	-

g → x

ToTurnIntransitive.Gyrare					
g	y	r	a:	r	e
x	i	r	a	r	-

ɪ → ʒ

ToBurn.Incendere						
ɪ	-	s	e	n	ɔ̯	ɪ a r -
ɪ	n	ʈ	i	n	d	ʒ e - -

Appendix 2 - Prior Frequencies

$r \rightarrow s$

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

$d \rightarrow \theta$

ToTurnIntransitive.Torquere						
t	ɔ	ɾ	d	-	ɾ	-
t	o	r	θ	e	r	-

$r \rightarrow h$

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

$t \rightarrow z$

Foot.Primary						
p	-	i:	-	t	-	-
p	i	e	-	z	-	-

$t \rightarrow k^j$

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

$r \rightarrow ʎ$

Sun.Primary						
s	ɔa	r	e	-	-	-
s	ɔ	ʎ	-	-	-	-

$t \rightarrow i$

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

$r \rightarrow ʎ$

ToScratch.Coctiare						
k	u	s	a	r	-	-
k	o	s	a	ʎ	-	-

$s \rightarrow ʒ$

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

$s \rightarrow r$

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

$k \rightarrow n$

Knee.Geniculum						
ɟ	-	i	n	ɔ	k	k
ɟ	-	e	n	u	n	k ^j

Appendix 2 - Prior Frequencies

k → h

Bird.Avicellum									
-	a	w	i	-	k	-	e	l	l
-	u	-	-	-	h	-	ε	-	-

k → g^w

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

j → o

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

w → h

ToPull.Trahere									
t	r	ε	w	-	r	ə	-	-	-
t	r	a	h	e	r	e	-	-	-

w → ʒ

Rain.Primary									
p	l	u	-	w	i	a	-	-	-
p	l	u	-	ʒ	-	ə	-	-	-

w → oj

Road.Primary									
v	w	-	a	-	-	-	-	-	-
v	oj	-	-	-	-	-	-	-	-

w → ɔ̃

ToHear.Primary									
w	-	-	i	ʁ	-	-	-	-	-
ɔ̃	-	-	-	R	-	-	-	-	-

p → c

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

d → i

Skin.Primary									
k	-	o	d	i	-	-	v	-	-
k	-	oj	i	-	n	-	-	-	-

l → o

Eye.Primary									
-	o	-	k	u	l	u	s	-	-
-	o	-	x	-	o	-	-	-	-

r → ɫ

Ice.Primary									
ɖʒ	e	r	-	-	-	-	-	-	-
ʒ	ε	ɫ	-	-	-	-	-	-	-

Appendix 2 - Prior Frequencies

au → o:

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

ea → a

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

ea → œ

Star.Primary					
-	s	t	-	ea	-
-	s	t	-	œ	l

ea → aj

Fog.Caecia					
ʃ	ea	ʃ	-	ə	
k	aj	k	i	a	

aj → i

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

aj → ɐ

ToPull.Trahere					
t	r	aj	-	-	-
t	r	ɐ	z	e	r

aj → i:

Sky.Primary					
k	-	aj	l	u	m
ʃ	-	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	-	-	-

f → dʒ

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

f → ts

Belly.Pantex					
p	a	ɲ	ʃ	-	ə
p	a	n	ts	-	e

Appendix 2 - Prior Frequencies

qa → y

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

qa → i

ToKnow.Cognoscere						
k	u	-	n	qa	f	t e - -
k	u	-	ɲ	i	s	- e r -

qa → ø

Tail.Primary			
c	qa	d	ə
k	ø	-	-

qa → ø:

ToSew.Primary						
c	qa	-	-	s	-	e - -
k	ø:	-	-	z	-	- - -

f → ʃ

ToDig.Cavare				
f	ə	v	e	-
ʃ	a	v	a:	-

ej → ej

Ear.Primary					
o	ʁ	ej	-	-	-
ɔ	ʀ	ej	-	-	-

ej → a

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

ej → i

Narrow.Strictus									
i	s	t	r	-	ej	-	-	t	u
-	s	t	r	-	i	m	-	t	-

ej → ě

Breast.Primary			
s	ej	-	u
s	ě	-	-

ej → ø

Hair.Capillus					
c	a	v	ej	-	-
f	ə	v	ø	-	-

g^w → ɖ

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

Appendix 2 - Prior Frequencies

ej → a:

ToSmell.Fragrare									
f	-	ej	-	r	a	ʁ	-		
f	r	a:	g	r	a:	r	e		

aj → ɛa

Fog.Caecia					
k	aj	k	i	a	
ʃ	ɛa	ʃ	-	ə	

ø → ø:

Two.Duos			
d	-	ø	-
d	-	ø:	-

œ → i:

Liver.Primary							
f	-	œ	-	-	t	-	-
f	-	i:	k	a:	t	u	m

œ → ø

Fire.Focus					
f	-	œ	-	-	-
f	-	ø	-	-	-

ɛa → i

ToDrink.Primary							
b	-	ɛa	-	-	-	-	-
b	-	i	β	e	r	-	-

ɛa → ø:

ToDrink.Primary							
b	-	ɛa	-	-	-	-	-
b	-	ø:	-	-	ʁ	-	-

oj → w

Road.Primary				
v	oj	-	-	-
v	w	-	a	-

oj → ɛj

ToRub.Primary							
f	r	oj	-	-	-	-	-
f	ʁ	ɛj	e	-	-	-	-

oj → ə

ToRub.Primary							
f	r	oj	-	-	-	-	-
f	r	ə	g	a	-	-	-

g → j

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

Appendix 2 - Prior Frequencies

oj → a

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

f → ʒ

Rain.Primary							
p	l	ε	-	f	-	-	-
p	l	u	-	ʒ	-	ə	-

α → ɛa

ToDrink.Primary							
b	w	α	-	-	ɞ	-	-
b	-	ɛa	-	-	-	-	-

α → œ

Liver.Primary							
f	w	α	-	-	-	-	-
f	-	œ	-	-	t	-	-

α → ej

Three.Primary							
t	ɞ	w	α	-	-	-	-
t	r	-	ej	-	-	-	-

α → i

ToDrink.Primary							
b	w	α	-	-	ɞ	-	-
b	-	i	β	e	r	-	-

f → dʒ

Rain.Primary							
p	l	ε	-	f	-	-	-
p	j	o	d	dʒ	-	a	-

α → o

Sand.Sabulum							
s	α	v	-	j	ʃ	-	-
s	o	-	-	r	ə	-	-

α → i:

Liver.Primary							
f	w	α	-	-	-	-	-
f	-	i:	k	a:	t	u	m

œ → ɔj

Leaf.Primary							
f	-	œ	j	-	-	-	-
f	-	ɔj	-	-	-	-	-

œ → ɛa

Star.Primary							
-	s	t	-	œ	-	l	-
-	s	t	-	ɛa	-	-	-

Appendix 2 - Prior Frequencies

œ → a

Liver.Primary									
f	-	œ	-	-	t	-	-	-	-
f	w	a	-	-	-	-	-	-	-

b → n

Name.Nominem									
n	o	m	-	b	r	e	-	-	-
n	o:	m	i	n	-	e	m	-	-

b → g^w

Tongue.Primary									
l	i	m	b	-	ə	-	-	-	-
l	i	n	g ^w	-	a	-	-	-	-

y → i:

ToTie.Primary									
ʌ	i	y	a	-	-	-	-	-	-
l	ɔj	i:	-	-	-	-	-	-	-

ɖj → dz

Day.Diurnata									
ɖj	-	o	r	n	a	t	a	-	-
dz	-	o	r	n	a	d	e	-	-

t → x

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

ʃ → f

ToDig.Cavare									
ʃ	a	v	a:	-	-	-	-	-	-
f	ə	v	e	-	-	-	-	-	-

ʈ → r

Ice.Primary									
ʒ	ɛ	ʈ	-	-	-	-	-	-	-
ɖj	e	r	-	-	-	-	-	-	-

i: → ɛ:

Foot.Primary									
p	-	i:	-	t	-	-	-	-	-
p	j	ɛ:	-	d	e	-	-	-	-

h → θ

ToKnow.Cognoscere									
k	i	-	n	ɔ	h	-	-	-	-
k	o	-	n	o	θ	-	e	r	-

i: → e:

Cold.Primary									
f	r	-	i:	g	i	d	u	s	-
f	r	-	e:	-	-	t	-	-	-

Appendix 2 - Prior Frequencies

h → dʒ

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

o → ʌ

Sand.Sabulum						
s	o	-	-	r	ə	-
s	ʌ	v	-	j	ɔ̃	-

i → dʒ

Skin.Primary						
k	-	oʃ	i	-	n	-
k	-	o	dʒ	i	-	ɐ

o → l

Eye.Primary						
-	o	-	x	-	o	-
-	o	-	k	u	l	u s

o → j

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

h → k

Bird.Avicellum									
-	-	u	-	-	h	-	ɛ	-	-
-	a	w	i	-	k	-	e	l	l u m

i → d

Skin.Primary						
k	-	oʃ	i	-	n	-
k	-	o	d	i	-	ɐ

i → t

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

i → iw

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

i: → y

River.Rivus				
r	i:	w	u	s
ɾ	y	-	-	-

h → w

ToPull.Trahere						
t	r	a	h	e	r	e
t	r	ɛ	w	-	r	ə

Appendix 2 - Prior Frequencies

o: → ǫ

Few.Primary				
p	o:	k	-	-
p	ǫ	-	-	-

o: → i

ToKnow.Cognoscere							
k	o	g	n	o:	s	k	e r e
k	u	-	ɲ	i	s	-	e r -

o: → au

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

i → ø

Hair.Capillus						
k	a	p	i	l	l	u s
f	ə	v	ø	-	-	-

a: → i

Hand.Primary				
m	a:	n	o	-
m	i	n	ə	-

h → r

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

ɔ → ə

Sand.Sabulum					
s	a	v	a	l	ɔ n
s	o	-	-	r	ə -

ɔ → i

ToKnow.Cognoscere							
k	i	-	n	ɔ	h	-	- -
k	u	-	ɲ	i	s	-	e r -

ts → f

Belly.Pantex					
p	a	n	ts	-	e -
p	a	ɲ	f	-	ə -

ɔ → εj

Sun.Soliculus						
s	ɔ	l	ɔ	-	-	-
s	ɔ	l	εj	-	-	-

ɔ: → e

Good.Primary				
b	w	ɔ:	n	o -
b	w	e	n	o -

Appendix 2 - Prior Frequencies

ɔ: → a:

Bad.Primary				
m	ɔ:	-	-	-
m	a:	l	-	-

ɔ: → u

Good.Primary				
b	w	ɔ:	n	o
b	-	u	n	-

k^j → t

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

o: → u:

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

i: → aj

Sky.Primary				
ʃ	-	i:	l	-
k	-	aj	l	u

u: → ʊ

Fruit.Primary						
f	r	u:	-	k	t	u
f	ʁ	ʊ	i	-	-	-

ɫ → r

Sun.Primary				
s	ɔ	ɫ	-	-
s	ɔa	r	e	-

a: → ej

ToSmell.Fragrare						
f	r	a:	g	r	a:	r
ʃ	-	ej	-	r	a	ʁ

j → z

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

a: → iw

Seed.Granum				
g	r	a:	n	u
g	r	iw	-	-

a: → ẽ

Hand.Primary				
m	a:	n	o	-
m	ẽ	-	-	-

Appendix 2 - Prior Frequencies

u → ɔ:

Good.Primary						
b	-	u	n	-	-	-
b	w	ɔ:	n	o	-	-

j → g

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

ɥ → u:

Fruit.Primary							
f	ɣ	ɥ	i	-	-	-	-
f	r	u:	-	k	t	u	s

a: → ě

Hand.Primary				
m	a:	n	o	-
m	ẽ	-	-	-

a: → ɔ:

Bad.Primary				
m	a:	l	-	-
m	ɔ:	-	-	-

ɥ → ε

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

a: → i

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

u → i

Small.Pittinus							
p	u	-	ts	i	n	-	-
p	i	-	k	e	n	u	-

a: → e:

Thin.Delicatus								
d	e:	l	i	k	a:	t	u	s
d	u:	-	-	ʒ	e:	-	-	-

k^w → d

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

ʔ → ʌ

Full.Primary					
p	ʔ	ε	-	-	-
-	ʌ	e	n	o	-

Appendix 2 - Prior Frequencies

ɥ → y

Fruit.Primary							
f	ɣ	ɥ	i	-	-	-	-
f	r	y	-	-	t	-	-

a → oj

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

u: → ə

Thin.Delicatus							
d	u:	-	-	ʒ	e:	-	-
d	ə	l	i	k	a	t	-

u: → œ̃

One.Primary			
u:	n	u	s
œ̃	-	-	-

i: → œ

Liver.Primary							
f	-	i:	k	a:	t	u	m
f	-	œ	-	-	t	-	-

u: → ẽ

How.Quomodo					
ʃ	e	m	u:	t	-
k	ɔ	m	ẽ	-	-

u: → ã

How.Quomodo					
ʃ	e	m	u:	t	-
k	ɔ	m	ã	-	-

u: → õ

One.Primary			
u:	n	u	s
õ	-	-	-

i → u:

ToWipe.Exsucare							
e	-	s	ɥ	i	-	j	e
e	k	s	-	u:	k	a:	r

u: → ε

Thin.Delicatus							
d	u:	-	-	ʒ	e:	-	-
d	ε	ɫ	-	ɣ	a	ð	u

u: → o:

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

Appendix 2 - Prior Frequencies

u: → i

ToWipe.Exsucare									
e	k	s	-	u:	k	-	a:	r	e
e	-	s	ɥ	i	-	j	e	-	-

u: → e:

Thin.Delicatus									
d	u:	-	-	ʒ	e:	-	-	-	-
d	e:	l	i	k	a:	t	u	s	-

i: → ʏ

ToTie.Primary									
l	ɔj	i:	-	-	-	-	-	-	-
ʌ	i	ʏ	a	-	-	-	-	-	-

i: → x

ToPull.Pulsare									
p	u:	s	i:	-	-	-	-	-	-
p	u	-	x	a	r	-	-	-	-

ɥ → ɔa

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

i: → a

Liver.Primary									
f	-	i:	k	a:	t	u	m	-	-
f	w	a	-	-	-	-	-	-	-

i → a:

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

a: → ɐj

ToSmell.Fragrare									
f	r	a:	g	r	a:	r	e	-	-
f	-	ɐj	-	r	a	r	-	-	-

ɖz → x

Day.Diurnata									
ɖz	-	o	r	n	a	d	e	-	-
x	-	o	r	n	a	d	a	-	-

e → m

Big.Majjorem									
m	a	-	-	-	r	e	-	-	-
m	a	j	o:	r	e	m	-	-	-

c → p

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

Appendix 2 - Prior Frequencies

$\epsilon: \rightarrow i:$

Foot.Primary						
p	j	$\epsilon:$	-	d	e	-
p	-	$i:$	-	t	-	-

$\text{dz} \rightarrow \text{d}_3$

Day.Diurnata						
dz	-	o	r	n	a	d e
d_3	-	o	r	n	a	t a

$e: \rightarrow \epsilon:$

Full.Primary						
p	l	$e:$	n	u	s	-
p	j	$\epsilon:$	n	o	-	-

$\epsilon: \rightarrow i$

What.Primary						
k	w	$\epsilon:$	-	-	-	-
k	-	i	-	-	-	-

$e: \rightarrow u:$

Thin.Delicatus						
d	$e:$	l	i	k	a:	t u s
d	$u:$	-	-	3	$e:$	- - -

$x \rightarrow g$

ToTurnIntransitive.Gyrare						
x	i	r	a	r	-	-
g	y	r	a:	r	e	-

$x \rightarrow d$

Day.Diurnata						
x	-	o	r	n	a	d a
d	i	u	r	n	a:	t a

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

Full.Primary						
p	j	$\epsilon:$	n	o	-	-
p	l	$\tilde{\epsilon}$	-	-	-	-

$e: \rightarrow a:$

Thin.Delicatus						
d	$u:$	-	-	3	$e:$	- - -
d	$e:$	l	i	k	$a:$	t u s

$x \rightarrow t$

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

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

Full.Primary						
p	j	$\epsilon:$	n	o	-	-
p	l	\tilde{e}	-	-	-	-

Appendix 2 - Prior Frequencies

e: → i:

Cold.Primary									
f	r	-	e:	-	t	-	-	-	-
f	r	-	i:	g	i	d	u	s	-

x → i:

ToPull.Pulsare									
p	u	-	x	a	r	-	-	-	-
p	u:	s	i:	-	-	-	-	-	-

dz → z

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

ε → iw

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

c → θ

ToThrow.Lanceare									
l	a	n	c	-	i:	-	-	-	-
l	a	n	θ	-	a	r	-	-	-

ε → ɥ

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

dz → ʒ

Day.Diurnata									
dz	-	o	r	n	a	d	e	-	-
ʒ	-	u	ʁ	n	e	-	-	-	-

g^w → k

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

ε: → e:

Full.Primary									
p	j	ε:	n	o	-	-	-	-	-
p	l	e:	n	u	s	-	-	-	-

e: → ěj

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

e: → ã

ToThink.Pensare									
p	e:	n	s	a:	r	e	-	-	-
p	ã	-	s	e	-	-	-	-	-

Appendix 2 - Prior Frequencies

ø: → qa

ToSew.Primary							
k	ø:	-	-	z	-	-	-
c	qa	-	-	s	-	e	-

γ → t

Lake.Primary				
l	a	γ	u	-
l	a:	t	-	-

ɔ: → ɐ

ToSplit.Partire						
p	ɔ:	r	t	i	-	-
p	ɐ	r	t	i	r	-

e → ɔ:

Good.Primary					
b	w	e	n	o	-
b	w	ɔ:	n	o	-

e: → ẽj

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

g^w → b

Tongue.Primary					
l	i	n	g ^w	-	a
l	i	m	b	-	ə

x → dz

Day.Diurnata						
x	-	o	r	n	a	d a
dz	-	o	r	n	a	d e

ø: → ɛa

ToDrink.Primary						
b	-	ø:	-	-	ɸ	-
b	-	ɛa	-	-	-	-

ø → i

Hair.Capillus						
f	ə	v	ø	-	-	-
k	a	p	i	l	l	u s

ø: → ø

Two.Duos			
d	-	ø:	-
d	-	ø	-

ε → u:

Thin.Delicatus							
d	ε	ʔ	-	γ	a	ð	u -
d	u:	-	-	ʒ	e:	-	- -

Appendix 2 - Prior Frequencies

oj → ɔj

We.Primary					YouPlural.Primary				
n	oj	-	-	-	v	oj	-	-	-
n	ɔj	-	s	-	v	ɔj	s	-	-

œ → a

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

œ → e:

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

j → y

Liver.Primary					Liver.Primary				
f	-	i	j	a:	t	-	-	-	-
-	-	i	y	a	ð	o	-	-	-

t → ʌ

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

j → ʔ

ToBurn.Flammare					Full.Primary				
f	j	a	m	m	a	r	e	-	-
f	ʔ	a	-	m	a	-	-	-	-

oj → qa

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

b → t

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

aj → a

Sand.Sabulum					Sand.Sabulum				
s	aj	β	-	r	u	-	s	aj	β
s	a	v	-	j	ɔ̃	-	s	a	v

j → kʲ

Eye.Primary					Eye.Primary				
-	œ	-	j	-	-	-	u	-	j
-	o	-	kʲ	-	-	-	o	-	kʲ

t → u

Many.Primary					Many.Primary				
m	ũ	ʃ	-	t	u	-	m	ũ	ʃ
m	u	l	t	u	s	-	m	u	l

Appendix 2 - Prior Frequencies

oj → y

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

α → e:

Three.Primary	Three.Primary
t ɾ w α -	t ɾ w α -
t r - e: s	t r - e: -

b → u

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

s → dz

Leaf.Frondea	Leaf.Frondea
f r ɔ̃ - s - e	f r ɔ̃ - s - e
f r o n dz - a	f r o n dz - a

ɥ → o

Rain.Primary	Rain.Primary
p l ɥ - - i -	p l ɥ - - i -
p j o d ɖ - a	p l o - - j e

α → ø:

ToDrink.Primary	Three.Primary
b w α - - ɾ -	t ɾ w α -
b - ø: - - ɾ -	t r - ø: -

k → e

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

s → i

YouPlural.Primary	Head.Primary
v ɔj s -	k a v e t t s a
v o: i -	k a p i - t i a

e → qa

Leaf.Primary	ToKnow.Cognoscere
f w e - - e	k o - ɲ e s - e ɾ -
f - qa - j e	k u - n qa ʃ t e - -

α → aj

Sand.Sabulum	Sand.Sabulum
s α v - j ʃ -	s α v - j ʃ -
s aj β - r u -	s aj β - r u -

e → k

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

Appendix 2 - Prior Frequencies

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 s i r e -

k → u

Few.Primary	Few.Primary
p o w k u	p o w k u
p aṽ k u s	p aṽ k u s

i: → ʃ

ToPull.Pulsare	ToPull.Pulsare
p u: s i: - - -	p u: s i: - - -
p u - ʃ a r -	p u - ʃ a r -

ʃ → d

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

a → œ

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

ɲ → l

Animal.Primary	Animal.Primary
a l i m a ɲ - a	a l i m a ɲ - a
a n i m a l i a	- n e m a: l - -

ʃ → dʒ

Leg.Gamba	ToEat.Manducare
ʃ a m b e	m a ŋ ʃ - - a: - -
dʒ ã - p -	m a n dʒ - - a r e

e → ʁ

ToSpit.Primary	ToSpit.Primary
k o n s p u e r e	k ɔ̃ - s p y e - -
k u - s p i ʁ - -	k u - s p i ʁ - -

v → g

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

p → 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 -

i → ɔ̃

Round.Primary	Round.Primary
r i t o n d o -	r i t o n d o -
ʁ ɔ̃ - - - - -	r ɔ̃ - - - - -

Appendix 2 - Prior Frequencies

d → tʃ

ToTurnIntransitive.Torquere							ToTurnIntransitive.Torquere						
t	ɔ	ɤ	d	-	ɤ	-	t	ɔ	ɤ	d	-	ɤ	-
t	ɔ	r	tʃ	e	r	e	t	ɔ	r	tʃ	e	-	-

l → ɲ

Animal.Primary							Animal.Primary								
a	n	i	m	a	l	i	a	-	n	e	m	a	l	-	-
a	l	i	m	a	ɲ	-	a	a	l	i	m	a	ɲ	-	a

ij → ẽ

Dog.Primary						Dog.Primary					
k	-	ij	n	e	-	k	-	ij	n	e	-
ʃ	j	ẽ	-	-	-	tʃ	-	ẽ	-	-	-

ij → ẽw̃

Dog.Primary						Dog.Primary					
k	-	ij	n	e	-	k	-	ij	n	e	-
k	-	ẽ	-	-	-	k	-	ẽ	-	-	-
		w̃						w̃			

ʊ → o

Red.Primary						Red.Primary					
ɤ	o	-	ʃ	ʊ	-	ɤ	o	-	ʃ	ʊ	-
r	o	-	x	o	-	r	o	s	s	o	-

i → ẽw̃

Seed.Granum						Seed.Granum					
g	r	i	n	-	-	g	r	i	n	-	-
g	r	ẽ	-	-	-	g	r	ẽ	-	-	-
		w̃						w̃			

e: → ẽ

ToThink.Pensare						Full.Primary						
p	e:	n	s	a:	r	e	p	l	e:	n	u	s
p	ẽ	-	s	e	-	-	p	l	ẽ	-	-	-

r → 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	-

e: → ɐ

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

dz → d

Leaf.Frondea						Day.Diurnata								
f	r	o	n	dz	-	a	dz	-	o	r	n	a	d	e
f	r	o	n	d	e	a	d	i	u	r	n	a	t	a

Appendix 2 - Prior Frequencies

r → j

Sand.Sabulum	Fog.Nebula
s o - - r ə -	n - e - g u r ə
s a v - j ɔ̃ -	n - e b b - j a

dz → s

Leaf.Frondea	Leaf.Frondea
f r o n dz - a	f r o n dz - a
f r ɔ̃ - s - ɐ	f r ɔ̃ - s - ɐ

e: → a

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

d → dz

Leaf.Frondea	Day.Diurnata
f r o n d e a	d i u r n a: t a
f r o n dz - a	dz - o r n a d e

e: → œ

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

ʁ → e

ToSpit.Primary	ToSpit.Primary
k u - s p i ʁ - -	k u - s p i ʁ - -
k o n s p u e r e	k ɔ̃ - s p y e - -

j → z

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

i → qa

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

i → aj

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

j → r

Sand.Sabulum	Fog.Nebula
s a v - j ɔ̃ -	n - e b b - j a
s o - - r ə -	n - e - g u r ə

d → ʃ

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

Appendix 2 - Prior Frequencies

i: → o

ToSee.Primary	Because.Quod
v - i: - - R -	k i: -
v j o d i - -	k ^w o d

p → u

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

e: → u

Day.Primary	ToSmell.Olere
d i e: s	o l e: r e
dʒ - u -	u l u r a

g → v

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

aʊ → w

ToHear.Primary	ToHear.Primary
aʊ - d i: r e	aʊ - z i - -
w - - i ɹ -	w - - i ɹ -

w → z

ToPull.Trahere	ToPull.Trahere
t r ε w - r ə	t r ε w - r ə
t r a z e - -	t r ɐ z e r -

v → z

ToHear.Primary	ToHear.Primary
o w v i ɹ -	o w v i r -
aʊ - z i - -	aʊ - z i - -

w → dʒ

Rain.Primary	ToPull.Trahere
p l u - w i a	t r ε w - r ə
p j o d dʒ - a	t r a dʒ e - -

w → aʊ

ToHear.Primary	ToHear.Primary
w - - i ɹ -	w - - i ɹ -
aʊ - d i: r e	aʊ - z i - -

ɛj → ɐj

Ear.Primary	Red.Vermiculus
ɔ R ɛj - - -	v ε ɹ m ɛj - - -
o r ɐj - - ʌ ɐ	v i r m ɐj - - ʌ u -

i → s

YouPlural.Primary	Head.Primary
v o: i -	k a p i - t i a
v ɔj s -	k a v e t t s a

Appendix 2 - Prior Frequencies

ɔj → ɔ

We.Primary				Leaf.Primary			
n	ɔj	-	s	f	-	ɔj	-
n	ɔ	-	f	f	-	ɔ	ʌ ʌ a

w → y

ToFlow.Primary					ToFlow.Primary				
f	l	w	i	ɤ	f	l	w	i	r
f	l	y	e	-	f	l	y	e	-

kʲ → j

Eye.Primary					Eye.Primary				
-	o	-	kʲ	-	-	o	-	kʲ	-
-	æ	-	j	-	-	u	-	j	-

p → ɣ

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

ɔj → oj

We.Primary				YouPlural.Primary			
n	ɔj	-	s	v	ɔj	s	-
n	oj	-	-	v	oj	-	-

ej → ε

Ear.Primary					Red.Vermiculus				
ɔ	ɾ	ej	-	-	v	ε	ɤ	m	ej
u	ɾ	ε	-	ʌ ə	b	ə	r	m	ε

iw → ẽw̃

Seed.Granum					Seed.Granum				
g	r	iw	-	-	g	r	iw	-	-
g	r	ẽ	-	-	g	r	ẽ	-	-
		w̃					w̃		

ʈʂ → d

ToTurnIntransitive.Torquere					ToTurnIntransitive.Torquere				
t	ɔ	r	ʈʂ	e r e	t	ɔ	r	ʈʂ	e -
t	ɔ	ɤ	d	- ɤ -	t	ɔ	ɤ	d	- ɤ -

ʃ → i:

ToPull.Pulsare					ToPull.Pulsare				
p	u	-	ʃ	a r -	p	u	-	ʃ	a r -
p	u:	s	i:	- - -	p	u:	s	i:	- - -

ε → o:

ToKnow.Cognoscere					ToKnow.Cognoscere				
k	ɔ	-	n	ε - t - ɤ -	k	u	-	n	ε ʃ - ə - -
k	o	g	n	o: s k e r e	k	o	g	n	o: s k e r e

Appendix 2 - Prior Frequencies

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

Blood.Primary							Blood.Primary						
s	\hat{o}	-	g	-	-	-	s	\hat{o}	-	g	-	-	-
s	\tilde{e}	-	g	-	i	-	s	\tilde{e}	-	g	-	i	-

$\lambda \rightarrow o$

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

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

Seed.Granum						Seed.Granum					
g	r	\tilde{e}	-	-	-	g	r	\tilde{e}	-	-	-
		\tilde{w}						\tilde{w}			
g	r	i	n	-	-	g	r	i	n	-	-

$\text{ɔ:} \rightarrow \text{ə}$

ToSplit.Partire						ToStand.Altiare					
p	ɔ:	r	t	i	-	h	ɔ:	-	s	i:	-
p	ə	r	t	i	-	-	ə	l	s	a	-

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

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

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

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

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

Seed.Granum						Seed.Granum					
g	r	\tilde{e}	-	-	-	g	r	\tilde{e}	-	-	-
		\tilde{w}						\tilde{w}			
g	ɤ	ε	n	-	-	g	ɤ	ε	n	-	-

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

Hand.Primary					Hand.Primary				
m	\tilde{e}	-	-	-	m	\tilde{e}	-	-	-
	\tilde{w}					\tilde{w}			
m	\tilde{e}	-	-	-	m	\tilde{e}	-	-	-

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

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

Appendix 2 - Prior Frequencies

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

Seed.Granum					Seed.Granum				
g	r	\tilde{e}	-	-	g	r	\tilde{e}	-	-
		\tilde{w}	-	-			\tilde{w}	-	-
g	r	iw	-	-	g	r	iw	-	-

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

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

$\acute{\lambda} \rightarrow t$

Back.Spatula					Back.Spatula				
ə	s	p	a	$\acute{\lambda}$	ə	s	p	a	$\acute{\lambda}$
-	s	p	a	t	-	s	p	a	t
				u					e

$\tilde{u} \rightarrow u$:

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

$\hat{u} \rightarrow \tilde{\epsilon}$

ToStab.Primary					ToStab.Primary				
p	-	\tilde{u}	ʒ	i	p	-	\tilde{u}	ʒ	i
p	w	$\tilde{\epsilon}$	d	ʁ	p	w	$\tilde{\epsilon}$	d	ʁ

$\mathfrak{d}\mathfrak{z} \rightarrow \mathfrak{r}$

Leg.Gamba				ToEat.Manducare			
$\mathfrak{d}\mathfrak{z}$	\tilde{a}	p	-	m	a	n	$\mathfrak{d}\mathfrak{z}$
\mathfrak{r}	a	m	b	m	a	ŋ	\mathfrak{r}
		e				a:	

$\mathfrak{z} \rightarrow \mathfrak{o}$

Good.Primary				Good.Primary			
b	w	\mathfrak{z}	n	b	w	\mathfrak{z}	n
b	-	\mathfrak{o}	n	b	-	\mathfrak{o}	n

$\mathfrak{d}\mathfrak{z} \rightarrow \mathfrak{r}$

ToFlow.Excurrere					ToFlow.Currere				
-	s	k	u	$\mathfrak{d}\mathfrak{z}$	k	u	$\mathfrak{d}\mathfrak{z}$	e	-
i	f	k	u	\mathfrak{r}	k	\mathfrak{o}	\mathfrak{r}	i	-

$\mathfrak{z} \rightarrow \mathfrak{o}$

ToStand.Altiare				Good.Primary			
h	\mathfrak{z}	s	i:	b	w	\mathfrak{z}	n
-	\mathfrak{o}	s	e	b	-	\mathfrak{o}	n

$\mathfrak{o} \rightarrow \mathfrak{o}\mathfrak{j}$

We.Primary			Leaf.Primary		
n	\mathfrak{o}	f	f	\mathfrak{o}	$\acute{\lambda}$
n	$\mathfrak{o}\mathfrak{j}$	s	f	$\mathfrak{o}\mathfrak{j}$	$\acute{\lambda}$

Appendix 2 - Prior Frequencies

ɔ → ɔ:

Good.Primary						Good.Primary					
b	-	ɔ	n	-	-	b	-	ɔ	n	-	-
b	w	ɔ:	n	o	-	b	w	ɔ:	n	o	-

ɔɜ → c

Hair.Capillus						ToSuck.Primary					
ɔɜ	i	v	ɛ	-	-	s	u	ɔɜ	e	-	-
c	a	v	eɜ	-	-	c	u	c	a:	-	-

aj → ə

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

ə → ɔ:

ToSplit.Partire						ToStand.Altiare					
p	ə	r	t	i	-	-	ə	l	s	a	-
p	ɔ:	r	t	i	-	-	h	ɔ:	-	s	i:

ə → ɛ:

Fog.Tenebras						ToFall.Primary					
t	-	ə	n	-	e	b	r	ə	s	-	-
t	-	ɛ:	n	-	e	b	r	e	-	-	-

o: → ẽwĩ

Not.Primary			Not.Primary		
n	o:	n	n	o:	n
n	ẽ	-	n	ẽ	-
wĩ	-	-	wĩ	-	-

ũ → õ

One.Primary			One.Primary		
ũ	-	-	ũ	-	-
õ	-	-	õ	-	-

ə → əj

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

ĩ → u

ToSwell.Primary						ToSwell.Primary					
ĩ	-	ɸ	-	a	r	-	ĩ	-	ɸ	-	a
u	m	f	l	a	-	-	u	m	f	l	a

ẽ → ɐj

Full.Primary						Full.Primary					
p	l	ẽ	-	-	-	p	l	ẽ	-	-	-
ɸ	-	ɐj	-	u	-	ɸ	-	ɐj	-	u	-

ɣ → j

Liver.Primary						Liver.Primary					
-	-	i	ɣ	a	ð	o	-	f	-	i	ɣ
f	-	i	j	a:	t	-	-	f	-	i	j

Appendix 2 - Prior Frequencies

ø: → a

ToDrink.Primary						Three.Primary					
b	-	ø:	-	-	ʁ	-	t	r	-	ø:	-
b	w	a	-	-	ʁ	-	t	ʁ	w	a	-

ø: → ej

Narrow.Strictus										Straight.Primary									
-	s	t	ʁ	-	ø:	-	-	-	-	d	-	r	-	ø:	-	-	-	-	-
i	ʃ	t	r	-	ej	-	-	t	u	d	i	r	-	ej	-	t	u	-	-

ø: → i

ToDrink.Primary						Narrow.Strictus									
b	-	ø:	-	-	ʁ	-	-	s	t	ʁ	-	ø:	-	-	-
b	-	i	β	e	r	-	-	s	t	r	-	i	m	-	t

θ → k^w

ToTurnIntransitive.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	-	-	-	-

ø: → o:

ToSew.Primary						Two.Duos					
k	ø:	-	-	z	-	d	-	ø:	-	-	-
k	o:	n	-	s	u	d	u	o:	s	-	-

ʏ → p

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

ʏ → k^w

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

ẽ → ẽwĩ

Hand.Primary						Hand.Primary					
m	ẽ	-	-	-	-	m	ẽ	-	-	-	-
m	ẽ	-	-	-	-	m	ẽ	-	-	-	-
	wĩ	-	-	-	-		wĩ	-	-	-	-

c → dʒ

Hair.Capillus						ToSuck.Primary					
c	a	v	ej	-	-	c	u	c	a:	-	-
dʒ	i	v	ε	-	-	s	u	dʒ	e	-	-

ε: → ej

Full.Primary						Full.Primary					
p	j	ε:	n	o	-	p	j	ε:	n	o	-
ʃ	-	ej	-	u	-	ʃ	-	ej	-	u	-

Appendix 2 - Prior Frequencies

$\varepsilon \rightarrow \text{e}$

ToFall.Primary						ToFall.Primary					
ʃ	-	ε:	-	-	R	ʃ	-	ε:	-	-	R
k	-	e	-	i	r	k	-	e	-	i	r

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

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

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

Round.Primary						Round.Primary					
ʁ	\tilde{o}	-	-	-	-	r	\tilde{o}	-	-	-	-
r	i	t	o	n	d	r	i	t	o	n	d

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

One.Primary				One.Primary			
\tilde{o}	-	-	-	\tilde{o}	-	-	-
\tilde{u}	-	-	-	\tilde{u}	-	-	-

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

Round.Primary						Round.Primary					
ʁ	\tilde{o}	-	-	-	-	r	\tilde{o}	-	-	-	-
ʁ	i	d	\tilde{o}	-	d	ʁ	i	d	\tilde{o}	-	d

$\varepsilon \rightarrow \text{ej}$

Ear.Primary						Red.Vermiculus					
u	r	ε	-	-	Λ	b	ə	r	m	ε	-
ɔ	R	ej	-	-	-	v	ε	ʁ	m	ej	-

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

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

$z \rightarrow \text{v}$

ToHear.Primary						ToHear.Primary					
aʊ	-	z	i	-	-	aʊ	-	z	i	-	-
o	w	v	i	ʁ	-	o	w	v	i	r	-

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

Blood.Primary						Blood.Primary					
s	\tilde{e}	-	g	-	i	s	\tilde{e}	-	g	-	i
s	\tilde{o}	-	g	-	-	s	\tilde{o}	-	g	-	-

$z \rightarrow \text{j}$

ToLieAsInABed.Iacere						ToLieAsInABed.Iacere					
z	ə	-	ʃ	ea	-	z	ə	-	ʃ	ea	-
j	a	-	k	e:	r	j	e	-	s	i	-

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

ToThink.Pensare						Full.Primary					
p	$\tilde{\varepsilon}$	-	s	e	-	p	l	$\tilde{\varepsilon}$	-	-	-
p	e:	n	s	a:	r	p	l	e:	n	u	s

Appendix 2 - Prior Frequencies

z → w

ToPull.Trahere						ToPull.Trahere					
t	r	a	z	e	-	t	r	ɐ	z	e	r
t	r	ɛ	w	-	r	ə	t	r	ɛ	w	-

z → r

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

ɛ → ẽwĩ

Seed.Granum						Seed.Granum					
g	ɤ	ɛ	n	-	-	g	ɤ	ẽ	n	-	-
g	r	ẽ	-	-	-	g	r	ẽ	-	-	-
		wĩ	-	-	-			wĩ	-	-	-

ẽ → ù

ToStab.Primary						ToStab.Primary					
p	w	ẽ	-	d	-	p	w	ẽ	-	d	-
p	-	ù	-	ʒ	i	p	-	ù	-	ʒ	i

ɛ: → ə

Fog.Tenebras						ToFall.Primary					
t	-	ɛ:	n	-	e	tʃ	-	ɛ:	-	-	ɹ
t	-	ə	n	-	e	k	-	ə	d	ɛa	-

o: → ø

Few.Primary				Two.Duos			
p	o:	k	-	d	u	o:	s
p	ø	-	-	d	-	ø	-

ø → o:

Few.Primary				Two.Duos			
p	ø	-	-	d	-	ø	-
p	o:	k	-	d	u	o:	s

o: → ø:

ToSew.Primary						Two.Duos			
k	o:	n	-	s	u	d	u	o:	s
k	ø:	-	-	z	-	d	-	ø:	-

u: → ù

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

u: → ø

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

Appendix 2 - Prior Frequencies

y → oj

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

y → w

ToFlow.Primary					ToFlow.Primary				
f	l	y	e	-	f	l	y	e	-
f	l	w	i	ɜ	f	l	w	i	r

ej → ε:

Full.Primary					Full.Primary				
f	-	ej	-	u	f	-	ej	-	u
p	j	ε:	n	o	p	j	ε:	n	o

k^w → ɣ

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

ej → ø:

Narrow.Strictus					Straight.Primary				
i	ɟ	t	r	-	ej	-	-	t	u
-	s	t	ɜ	-	ø:	-	-	-	-

u → b

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

ə → aj

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

u → ĩ

ToSwell.Primary					ToSwell.Primary				
u	m	f	l	a	u	m	f	l	a
ĩ	-	ɟ	-	a	ĩ	-	ɟ	-	a

ʈʂ → h

Bird.Avicellum					Bird.Avicellum				
-	-	u	-	ʈʂ	-	ε	l	l	o
-	-	u	-	h	-	ε	-	-	-

ʃ → j

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

ej → ẽ

Full.Primary					Full.Primary				
ɟ	-	ej	-	u	ɟ	-	ej	-	u
p	l	ẽ	-	-	p	l	ẽ	-	-

Appendix 2 - Prior Frequencies

u → ẽw̃

Not.Primary			Not.Primary		
n	u	-	n	u	-
n	ẽ	-	n	ẽ	-
	w̃			w̃	

ej → ə

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

u → p

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

qa → i

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

ej → ej

Ear.Primary						Red.Vermiculus					
o	r	ej	-	-	ʌ	ɐ	v	i	r	m	ej - - ʌ u -
ɔ	ʀ	ej	-	-	-	-	v	ɛ	ʁ	m	ej - - - -

u → k

Few.Primary						Few.Primary					
p	aʊ	k	u	s		p	aʊ	k	u	s	
p	o	w	k	u		p	o	w	k	u	

u → t

Many.Primary						Many.Primary					
m	u	l	t	u	s	m	u	l	t	u	s
m	ũ	ʃ	-	t	u	m	ũ	ʃ	-	t	u

k^w → 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

qa → e

Leaf.Primary						ToKnow.Cognoscere					
f	-	qa	-	j	e	k	u	-	n	qa	ʃ t e - -
f	w	e	-	-	e	k	o	-	n	e	s - e ʁ -

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

Appendix 2 - Prior Frequencies

u → e:

Day.Primary	ToSmell.Olere
ɔ̯ - u -	u l u r a
d i e: s	o l e: r e

ø → u:

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

o → i:

ToSee.Primary	Because.Quod
v j o d i - -	k ^w o d
v - i: - - R -	k i: -

o → ɔ:

ToStand.Altiare	Good.Primary
- o - s e - -	b - o n u s
h ɔ: - s i: - -	b w ɔ: n o -

aj → a:

Father.Primary	Father.Primary
p aj - - -	p aj - - -
p a: d r e	p a: d r e

o: → ε

ToKnow.Cognoscere	ToKnow.Cognoscere
k o g n o: s k e r e	k o g n o: s k e r e
k ɔ - n ε - t - ʁ -	k u - n ε f - ə - -

aj → i

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

e → e:

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

o → ɥ

Rain.Primary	Rain.Primary
p j o d ɔ̯ - a	p l o - - j e
p l ɥ - - i -	p l ɥ - - i -

e → ε:

ToFall.Primary	ToFall.Primary
k - e - i r -	k - e - i r -
ʃ - ε: - - R -	ʃ - ε: - - R -

a: → aj

Father.Primary	Father.Primary
p a: d r e	p a: d r e
p aj - - -	p aj - - -

Appendix 2 - Prior Frequencies

ɔ̥ → w

Rain.Primary							ToPull.Trahere						
p	j	o	d	ɔ̥	-	a	t	r	a	ɔ̥	e	-	-
p	l	u	-	w	i	a	t	r	ɛ	w	-	r	ə

ɫ → j

ToBurn.Flammare							Full.Primary						
f	ɫ	a	-	m	a	-	p	ɫ	ε	-	-	-	
f	j	a	m	m	a	r	e	p	j	ε:	n	o	-

o → ʌ

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

o → ʊ

Red.Primary						Red.Primary					
r	o	-	x	o	-	r	o	s	s	o	-
ʁ	o	-	ʃ	ʊ	-	ʁ	o	s	ʃ	ʊ	-

i → ø:

ToDrink.Primary							Narrow.Strictus										
b	-	i	β	e	r	-	-	s	t	r	-	i	m	-	t	-	-
b	-	ø:	-	-	ʁ	-	-	s	t	ʁ	-	ø:	-	-	-	-	-

i → ǫ

Round.Primary							Round.Primary								
ɾ	i	d	õ	-	d	u	-	ɾ	i	d	õ	-	d	u	-
ɾ	õ	-	-	-	-	-	-	r	õ	-	-	-	-	-	-

j → ʃ

Rain.Primary						Rain.Primary							
j	-	u	-	b	j	a	j	-	u	-	b	j	a
ɟ	-	u	-	v	-	ɐ	ɟ	-	u	-	v	-	ɐ

ɔa → oj

Night.Primary						Night.Primary							
n	-	ɔa	p	t	e	-	n	-	ɔa	p	t	e	-
n	-	oj	-	t	i	-	n	-	oj	-	t	i	-

i → ẽw̃

Hand.Primary						Hand.Primary					
m	i	n	ə	-	-	m	i	n	ə	-	-
m	ẽ	-	-	-	-	m	ẽ	-	-	-	-
	w̃	-	-	-	-		w̃	-	-	-	-

ʀ → ɔ̥

ToFlow.Excurrere										ToFlow.Currere									
i	-	ʃ	k	u	-	ʀ	e	r	-	k	ɔ̥	-	ʀ	i	-	-			
-	-	s	k	u	r	ɔ̥	e	-	-	k	u	r	ɔ̥	e	-	-			

Appendix 2 - Prior Frequencies

o → ã

How.Quomodo	How.Quomodo
k ^w o: m o d o	k o m o - -
k ɔ m ã - -	k ɔ m ã - -

h → ʃ

Bird.Avicellum	Bird.Avicellum
- - u - - h - ε - - - -	- - u - - h - ε - - - -
- - u - t ʃ - ε l l o -	- - u - - ʃ j ε - l - -

r → t

ToSqueeze.Appectorare	ToSqueeze.Appectorare	ToSqueeze.Appectorare
a - p - - r e t a r -	ɐ - p i - r - t a r -	ɐ - p i - r - 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

r → j

Mouth.Gula	Sand.Sabulum	Sand.Sabulum
g u r ə	s a j β - r u -	s a j β - r u -
g œ j -	s a v - j ɔ̃ -	s a v - j ɔ̃ -

r → e

ToSpit.Primary	ToSpit.Primary	Big.Majorem
k u - ʃ p i r - -	k u - ʃ p i r - -	m a - - - r e
k o n s p u e r e	k ɔ̃ - s p y e - -	m a j j o: r e m

β → f

Head.Primary	Head.Primary	New.Primary
k a β e - θ - a	k ɐ β e - s - ɐ	n w e β o -
c a: f - - - -	c a: f - - - -	ɲ - u: f - -

θ → ts

Belly.Pantex	ToStand.Altiare	Cold.Recens
p a n θ - - a -	- a l θ a r -	r e θ j e n t e -
p a n ts - - e -	- a l ts a r e	r e ts - i n t - -

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 ɹ -	n ε dʒ u - - -	n ε dʒ u - - -

f → p

Head.Primary	Head.Primary	Head.Primary
c a: f - - - -	c a: f - - - -	c a: f - - - -
k a p i - t i a	k a p - - - -	k a p - - - -

z → h

Bird.Avicellum	ToPull.Trahere	ToPull.Trahere
w a - - - z - o - - -	t r a z e - -	t r ɐ z e r -
- - u - - h - ε - - -	t r a h e r e	t r a h e r e

g → e

ToRub.Primary	ToRub.Primary	ToRub.Primary
f r e g a r -	f r e g a r e	f r ə g a - -
f ɹ ej e - - -	f ɹ ej e - - -	f ɹ ej e - - -

Appendix 2 - Prior Frequencies

ɖ → ð

ToSplit.Primary	Smooth.Nitidus	Smooth.Nitidus
ɖ i v i ɖ i ɣ - d i v i ð i r -	n ε ɖ u - - - n i ð i - o -	n ε ɖ u - - - n i ð i - o -

g → ɲ

Knee.Genuculum	ToFight.Primary	Big.Primary
g - e n i - k u l u m ɲ - - ɲ ɔ - - -	p u g n a: r e p u ɲ ɲ a r e	m a g n u s m a ɲ ɲ o -

ɣ → t

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

g → p

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

ɖ → s

ToSuck.Primary	ToSuck.Primary	ToWipe.Extergere
s u ɖ e - - s y s e - -	s u ɖ e - - s y s i: - -	- - ʃ t e r ɖ e - - e - s t a r s i r -

ɖ → ɲ

Knee.Genuculum	Knee.Genuculum	Knee.Genuculum
ɖ - i n ɔ k k - j o - ɲ - - ɲ ɔ - - -	ɖ - e n o - - - l i - ɲ - - ɲ ɔ - - -	ɖ - e n u n k ^l - - - ɲ - - ɲ ɔ - - -

h → z

Bird.Avicellum	ToPull.Trahere	ToPull.Trahere
- - u - - h - ε - - - w a - - - z - o - - -	t r a h e r e t r a z e - -	t r a h e r e t r ɐ z e r -

k^l → x

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

g → k^w

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

d → ʎ

Back.Spatula	Back.Spatula	Back.Spatula
e s p a l - d a ə s p a ʎ - ʎ ə	i f p a d w - e ə s p a ʎ - ʎ ə	i f p a d w - e ə s p a ʎ - ʎ ə

ʎ → d

Back.Spatula	Back.Spatula	Back.Spatula
ə s p a ʎ - ʎ ə e s p a l - d a	ə s p a ʎ - ʎ ə i f p a d w - e	ə s p a ʎ - ʎ ə i f p a d w - e

Appendix 2 - Prior Frequencies

$x \rightarrow k^j$

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

$p \rightarrow f$

Head.Primary	Head.Primary	Head.Primary
k a p i - t i a	k a p - - - - -	k a p - - - - -
c a: f - - - - -	c a: f - - - - -	c a: f - - - - -

$ɥ \rightarrow w$

ToThink.Primary	ToKill.Tutari	ToFloat.Primary
k ɥ - - i d e - -	t - ɥ - e - - -	f l y k t ɥ e - -
k w - - i d a r -	t u w - e - - -	f l u g t w a r -

$p \rightarrow g$

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

$f \rightarrow \beta$

Head.Primary	Head.Primary	New.Primary
c a: f - - - - -	c a: f - - - - -	ɲ - u: f - -
k a β e - θ - a	k ɐ β e - s - ɐ	n w e β o -

$k^w \rightarrow g$

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

$ts \rightarrow \theta$

Belly.Pantex	ToStand.Altiare	Cold.Recens
p a n ts - - e -	- a l ts a r e	r e ts - i n t - -
p a n θ - - a -	- a l θ a r -	r e θ j e n t e -

$ej \rightarrow \emptyset$:

Narrow.Strictus	Straight.Primary	Three.Primary
i s t r - ej - - t u -	ɔ̃ i r - ej - t u -	t r - ej -
- s t ʁ - ø: - - - -	d - r - ø: - - - -	t r - ø: -

$t \rightarrow Ɂ$

Round.Primary	Round.Primary	Round.Primary
t a r ɔ̃ n t - -	t a r ɔ̃ n t - -	t a r ɔ̃ n t - -
Ɂ ð - - - - -	Ɂ e d ð - d u -	Ɂ i d ð - d u -

$\emptyset: \rightarrow i$

ToDrink.Primary	Narrow.Strictus	Straight.Primary
b - ø: - - Ɂ -	- s t Ɂ - ø: - - - -	d - r - ø: - - - -
b - i b e r e	- s t r - i - k t u s	d - r - i t t o -

$\emptyset: \rightarrow a$

ToKnow.Sapere	Narrow.Strictus	Straight.Primary
s a v - ø: ʀ -	- s t Ɂ - ø: - - - -	d - r - ø: - - - -
s a v w a Ɂ -	e - t Ɂ w a - - - -	d - Ɂ w a - - - -

Appendix 2 - Prior Frequencies

ø: → o

ToSew.Primary	Two.Duos	Two.Duos
k ø: - - z - - - -	d - ø: - -	d - ø: - -
k o - - s - e r -	d - o s	d - o s

ø: → ej

Narrow.Strictus	Straight.Primary	Three.Primary
- s t ʁ - ø: - - - -	d - r - ø: - - - -	t r - ø: - -
i s t r - ej - - t u -	ɖʒ i r - ej - t u -	t r - ej - -

ø → ε

Hair.Capillus	Hair.Capillus	Old.Primary
ʃ ə v ø - - - -	ʃ ə v ø - - - -	v j ø - - - -
k ə b ε - ʌ - -	ɖʒ i v ε - - - -	v - ε k - k j o

ẽ → e:

ToThink.Pensare	ToThink.Pensare	Full.Primary
p ẽ - s a ʁ - -	p ẽ - s a r - -	p l ẽ - - - -
p e: n s a: r e	p e: n s a: r e	p l e: n u s

ẽ → i:

Near.Vicinus	Five.Primary	Five.Primary
v - i ʒ ẽ - - - -	s ẽ - k - - - -	s ẽ - k - - - -
w - i: k i: n u s	k ^w i: n k ^w - e	k ^w i: n k ^w - e

ẽ → u

ToWipe.Exsucare	ToWipe.Exsucare	ToSwell.Primary
ẽ - ʃ - u g - a r -	ẽ - ʃ - u ɣ - a r -	ẽ - f l e - - -
u - s - - k - a - -	u - s - - k - a - -	u m f l a - - -

ẽ → ej

Breast.Primary	Full.Primary	Full.Primary
s ẽ - - - -	p l ẽ - - - -	p l ẽ - - - -
s ej - u -	ʃ - ej - u -	ʃ - ej - u -

õ → au

ToHear.Primary	ToHear.Primary	Few.Primary
õ - - - ʀ - -	õ - - - ʀ - -	p õ - - - s
au - d i: r e	au - z i - -	p au k u s

ã → u

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

ε → j

Skin.Pellis	Skin.Pellis	Skin.Pellis
p ε - - - -	p ε - - - -	p ε - - - -
p j e - l - - -	p j ε - l - - -	p j e - l e - -

ẽ → a:

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r ẽ m ɐ - -	ĩ - t - r ẽ ɲ - ɐ	m õ - t ẽ - ɲ - ɐ
g r a: m e n	i n t e r a: n e a	m o n t a: - n e a

Appendix 2 - Prior Frequencies

$\tilde{e} \rightarrow i$:

Road.Camminus	Road.Camminus	Near.Vicinus
f ə - m \tilde{e} - - -	ʃ i - m \tilde{e} - - -	v w a z \tilde{e} - - -
k a m m i : n u m	k a m m i : n u m	w - i: k i : n u s

$\tilde{i} \rightarrow ə$

Guts.Primary	ToBurn.Incendere	ToBurn.Incendere
\tilde{i} - t - r \tilde{e} ɲ - ɐ	\tilde{i} - s e n dʒ ɾ a r -	\tilde{i} - s \tilde{e} - d j a r -
ə n t - r a ɲ - ə	ə n s e n d - - r ə	ə n s e n d - - r ə

$ə \rightarrow \tilde{i}$

Guts.Primary	ToBurn.Incendere	ToBurn.Incendere
ə n t - r a ɲ - ə	ə n s e n d - - r ə	ə n s e n d - - r ə
\tilde{i} - t - r \tilde{e} ɲ - ɐ	\tilde{i} - s e n dʒ ɾ a r -	\tilde{i} - s \tilde{e} - d j a r -

$e \rightarrow \tilde{e}$

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r e m e -	\tilde{e} - t - r e ɲ - ɐ	m \tilde{o} - t e ɲ - ɐ
g r \tilde{e} m e -	\tilde{i} - t - r \tilde{e} ɲ - ɐ	m \tilde{o} - t \tilde{e} ɲ - ɐ

$i \rightarrow e$:

Hair.Primary	ToSplit.Separare	ToSwell.Crescere
p - i l u -	s i p e r a r -	k r - i f s e r -
p - e : l - -	s e : p a r a: r e	k r - e : s k e: r e

$y \rightarrow o$

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 - ʃ e -

$y \rightarrow ɔ$

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

$y \rightarrow \varepsilon$

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

$ej \rightarrow \tilde{e}$

Breast.Primary	Full.Primary	Full.Primary
s ej - u -	ʃ - ej - u -	ʃ - ej - u -
s \tilde{e} - - -	p l \tilde{e} - - -	p l \tilde{e} - - -

$qa \rightarrow a$

Woman.Domina	Woman.Domina	BarkOfATree.Skorteia
d qa m - n ə	d qa m - n ə	- s k - qa r ts - ə
d a m - - -	d a m - - -	- s k w a r ts - e

$qa \rightarrow \text{œ}$

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 ʁ - -	f l œ r - -

Appendix 2 - Prior Frequencies

$\tilde{e} \rightarrow e$

Grass.Gramen	Guts.Primary	Mountain.Montanea
g r \tilde{e} m e - g r e m e -	\tilde{i} - t - r \tilde{e} n - e \tilde{e} - t - r e n - e	m \tilde{o} - t \tilde{e} - n - e m \tilde{o} - t e - n - e

$\text{qa} \rightarrow \text{au}$

Tail.Primary	Tail.Primary	Tail.Primary
c qa d a k au d a	c qa d a k au d e	c qa d a k au d e

$\varepsilon \rightarrow \text{œ}$

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

$\varepsilon \rightarrow \emptyset$

Hair.Capillus	Hair.Capillus	Old.Primary
k ə b ε - Λ - - f ə v \emptyset - - - -	dʒ i v ε - - - - f ə v \emptyset - - - -	v - ε k - k j o v j \emptyset - - - -

$e \rightarrow r$

ToSpit.Primary	ToSpit.Primary	Big.Majjorem
k o n s p u e r e k u - f p i r - -	k \tilde{o} - s p y e - - k u - f p i r - -	m a j j o: r e m m a - - r r e

$e \rightarrow g$

ToRub.Primary	ToRub.Primary	ToRub.Primary
f ʁ ej e - - - f r e g a r -	f ʁ ej e - - - f r e g a r e	f ʁ ej e - - - f r ə g a - -

$e: \rightarrow \tilde{e}$

ToThink.Pensare	ToThink.Pensare	Full.Primary
p e: n s a: r e p \tilde{e} - s a ʁ -	p e: n s a: r e p \tilde{e} - s a r -	p l e: n u s p l \tilde{e} - - -

$e: \rightarrow i$

Hair.Primary	ToSplit.Separare	ToSwell.Crescere
p - e: l - - p - i l u -	s e: p a r a: r e s i p e r a r -	k r - e: s k e: r e k r - i f s e r -

$i \rightarrow \emptyset:$

ToDrink.Primary	Narrow.Strictus	Straight.Primary
b - i b e r e b - ø: - - ʁ -	- s t r - i - k t u s - s t ʁ - ø: - - -	d - r - i t t o - d - r - ø: - - -

$i \rightarrow \text{ɔj}$

ToTie.Primary	ToTie.Primary	ToTie.Primary
l i g a: r e l ɔj i: - - -	l i - e - - l ɔj i: - - -	Λ i γ a - - l ɔj i: - - -

$i: \rightarrow \tilde{e}$

Near.Vicinus	Five.Primary	Five.Primary
w - i: k i: n u s v - i ʒ \tilde{e} - - -	k ^w i: n k ^w - e s \tilde{e} - k - -	k ^w i: n k ^w - e s \tilde{e} - k - -

Appendix 2 - Prior Frequencies

i: → ĩ

Road.Camminus	Road.Camminus	Near.Vicinus
k a m m i: n u m	k a m m i: n u m	w - i: k i: n u s
f ə - m ĩ - - -	f i - m ĩ - - -	v w a z ĩ - - -

a → ø:

ToKnow.Sapere	Narrow.Strictus	Straight.Primary
s a v w a ɐ -	e - t ɐ w a - - -	d - ɐ w a - - -
s a v - ø: ɐ -	- s t ɐ - ø: - - -	d - r - ø: - - -

a → ɔa

Woman.Domina	Woman.Domina	BarkOfATree.Skorteia
d a m - - -	d a m - - -	- s k w a r ts - e
d ɔa m - n ə	d ɔa m - n ə	- s k - ɔa r ts - ə

a: → ɔ

Horn.Primary	Horn.Primary	Horn.Primary
k w a: r - -	k w a: r - -	k w a: r - -
k - ɔ ɐ n -	k - ɔ r n o	k - ɔ r n -

ε → y

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

a: → ĩ

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 ĩ m ɐ -	ĩ - t - r ĩ ɐ - ɐ	m ɔ - t ĩ - ɐ - ɐ

u → ǣ

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

u → ʊ

Red.Primary	Red.Primary	Red.Primary
r u s s u s	ɐ o - f u -	r o - f u -
ɐ o - f ʊ -	ɐ o - f ʊ -	ɐ o - f ʊ -

u → l

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

u: → œ

Egg.Primary	Heart.Primary	Fire.Focus
- u: f - -	k - u: r - -	f - u: k - -
- œ f - -	k - œ ɐ - -	f - œ - - -

o → ø:

ToSew.Primary	Two.Duos	Two.Duos
k o - - s - e r -	d - o s	d - o s
k ø: - - z - - -	d - ø: -	d - ø: -

Appendix 2 - Prior Frequencies

o → y

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

o → aj

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

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 ʁ -	t f e m u: t -

o: → w

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

ɔ → a:

Horn.Primary	Horn.Primary	Horn.Primary
k - ɔ ʁ n -	k - ɔ r n o	k - ɔ r n -
k w a: r - -	k w a: r - -	k w a: r - -

ɔ → y

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

u → ě

ToWipe.Exsucare	ToWipe.Exsucare	ToSwell.Primary
u - s - - k - a - -	u - s - - k - a - -	u m f l a - -
ě - ʃ - u g - a r -	ě - ʃ - u ɣ - a r -	ě - f l e - -

aj → o

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

e → o:

Egg.Primary	ToKnow.Cognoscere	How.Quomodo
w e b o -	k o g n e s - e ʁ -	t f 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

aʊ → ȳ

ToHear.Primary	ToHear.Primary	Few.Primary
aʊ - d i: r e	aʊ - z i - -	p aʊ k u s
ȳ - - - R -	ȳ - - - R -	p ȳ - - -

ɔj → i

ToTie.Primary	ToTie.Primary	ToTie.Primary
l ɔj i: - - -	l ɔj i: - - -	l ɔj i: - - -
l i g a: r e	l i - e - -	l i ɣ a - -

Appendix 2 - Prior Frequencies

j → r

Mouth.Gula	Sand.Sabulum	Sand.Sabulum
g œ j -	s α v - j ð -	s α v - j ð -
g u r ə	s aj β - r u -	s aj β - r u -

au → ɔa

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

w → ɥ

ToThink.Primary	ToKill.Tutari	ToFloat.Primary
k w - - i d a r -	t u w - e - -	f l u g t w a r -
k ɥ - - i d e - -	t - ɥ - e - -	f l y k t ɥ e - -

l → u

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

w → n

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

ɪ → j

ToBurn.Incendere	ToBurn.Incendere	ToBurn.Incendere
ĩ - s e n dʒ ɪ a r -	ĩ - s e n dʒ ɪ a r -	ĩ - s e n dʒ ɪ a r -
ẽ - s ă - d j e - -	i n ʈf ɛ n d j a r e	ĩ - s ẽ - d j a r -

n → dʒ

Knee.Geniculum	Knee.Geniculum	Knee.Geniculum
n - - n ɔ - - - - -	n - - n ɔ - - - - -	n - - n ɔ - - - - -
dʒ - i n ɔ k k - j o -	dʒ - e n o - - - l i -	dʒ - e n u n kʲ - - - -

j → ɪ

ToBurn.Incendere	ToBurn.Incendere	ToBurn.Incendere
ẽ - s ă - d j e - -	i n ʈf ɛ n d j a r e	ĩ - s ẽ - d j a r -
ĩ - s e n dʒ ɪ a r -	ĩ - s e n dʒ ɪ a r -	ĩ - s e n dʒ ɪ a r -

j → ε

Skin.Pellis	Skin.Pellis	Skin.Pellis
p j e - l - -	p j ε - l - -	p j e - l e -
p ε - - - - -	p ε - - - - -	p ε - - - - -

s → dʒ

ToSuck.Primary	ToSuck.Primary	ToWipe.Extergere
s y s e - -	s y s i: - -	e - s t a r s i r -
s u dʒ e - -	s u dʒ e - -	- - ʃ t e r dʒ e - -

n → g

Knee.Geniculum	ToFight.Primary	Big.Primary
n - - n ɔ - - - - -	p u n n a r e	m a n n o -
g - e n i - k u l u m	p u g n a: r e	m a g n u s

Appendix 2 - Prior Frequencies

w → o:

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

œ → u:

Egg.Primary	Heart.Primary	Fire.Focus
- œ f - -	k - œ ʁ - -	f - œ - - -
- u: f - -	k - u: r - -	f - u: k - -

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 -	ɐ - p i - r - t a r -	ɐ - p i - r - t a r -

ʊ → u

Red.Primary	Red.Primary	Red.Primary
ʁ o - ʃ ʊ - -	ʁ o - ʃ ʊ - -	ʁ o - ʃ ʊ - -
r u s s u s	r u s s u s	r u s s u s

n → w

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

œ → qa

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

œ → ε

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

o → ẽj

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

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 → k

Louse.Primary	Louse.Primary	Louse.Primary	Old.Primary
p - e d o - l i - -	p - e d o - l i - -	p - e d o - l i - -	w - e t u l u s
p - e d u - k l u s	p - i d ɔ k k j o -	p - ə d u - k j e -	v - ε k - k j o

o → ẽ

Far.Primary	Far.Primary	How.Quomodo	How.Quomodo
l - o n t a n o	l - o n t a n -	k ^w o: m o d o	k o m o - -
l w ẽ - t ẽ - -	l w ẽ - t ẽ - -	k ɔ m ẽ - -	k ɔ m ẽ - -

Appendix 2 - Prior Frequencies

l → s

ToPull.Pulsare	ToPull.Pulsare	ToPull.Pulsare	ToPull.Pulsare
p u l s a: r e	p u l s a r e	p u l s a: - -	p u l s a - -
p u: s i: - - -	p u: s i: - - -	p u: s i: - - -	p u: s i: - - -

o → t

Many.Primary	Many.Primary	Many.Primary	Many.Primary
m u - t f o -	m u - t f o -	m o l t o -	m o l t o -
m ũ j - t u	m ũ j - t u	m ũ j - t u	m ũ j - t u

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

d → b

ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare
a n d - - a r -	a n d - - a r e	ẽ - d - - a ʁ -	ẽ - d - - a r -
a m b i t a: r e	a m b i t a: r e	a m b i t a: r e	a m b i t a: r e

o → a:

Horn.Primary	Horn.Primary	Horn.Primary	Horn.Primary
k - o r n u:	k - o ʁ n u	k - o r n u	k - o r n -
k w a: r - -	k w a: r - -	k w a: r - -	k w a: r - -

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 -	ʁ e d õ - d u -	ʁ i d õ - d u -	r ə d o - - -

ɔ: → õ

Good.Primary	Good.Primary	Good.Primary	Good.Primary
b w ɔ: n o -	b w ɔ: n o -	b w ɔ: n o -	b w ɔ: n o -
b - õ - - -	b - õ - - -	b - õ - - -	b - õ - - -

ɲ → ʒ

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

ε → qa

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

x → l

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

d → r

Round.Primary	Round.Primary	Round.Primary	Round.Primary
r e d o n d o -	ʁ e d õ - d u -	ʁ i d õ - d u -	r ə d o - - -
t a r ɔ n t - -	t a r ɔ n t - -	t a r ɔ n t - -	t a r ɔ n t - -

Appendix 2 - Prior Frequencies

b → d

ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare	ToWalk.Ambitare
a m b i t a: r e	a m b i t a: r e	a m b i t a: r e	a m b i t a: r e
a n d - - a r -	a n d - - a r e	ẽ - d - - a ʁ -	ẽ - d - - a r -

u → ɔj

We.Primary	YouPlural.Primary	YouPlural.Primary	Leaf.Primary
n u - -	v u - -	b u - s	f - u ʎ - ə
n ɔj - s	v ɔj s -	v ɔj s -	f - ɔj - -

u → s

Many.Primary	Many.Primary	Few.Primary	Few.Primary
m ũ j̃ - t u	m ũ j̃ - 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 aʊ k u s	p aʊ k u s

e → ɔj

ToRub.Primary	ToRub.Primary	ToRub.Primary	ToRub.Primary
f r e g a r -	f r e g a r e	f r e - a - -	f r e k a - -
f r ɔj - - -	f r ɔj - - -	f r ɔj - - -	f r ɔj - - -

e → ɪ

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

t → 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	e s p a l - l a	e s p a l - d a	e s p a l - l a

e → ø:

ToKnow.Sapere	Straight.Primary	Three.Primary	Three.Primary
s a v - e: - -	d i: r - e: k t u s	t r - e: s	t r - e: -
s a v - ø: ʀ -	d - r - ø: - - -	t r - ø: -	t r - ø: -

t → o

Many.Primary	Many.Primary	Many.Primary	Many.Primary
m ũ j̃ - t u	m ũ j̃ - t u	m ũ j̃ - t u	m ũ j̃ - t u
m u - tʃ o -	m o l t o -	m u - tʃ o -	m o l t o -

e → ej

Sand.Primary	Full.Primary	Full.Primary	Straight.Primary
h a r e: n a	p l e: n u s	p l e: n u s	d i: r - e: k t u s
- e r ej - e	ʃ - ej - u -	ʃ - ej - u -	d i r - ej - t u -

e → ej

Sand.Primary	Straight.Primary	Three.Primary	Three.Primary
h a r e: n a	d i: r - e: k t u s	t r - e: s	t r - e: -
- a r ej - e	ɔj i r - ej - t u -	t r - ej -	t r - ej -

s → l

ToPull.Pulsare	ToPull.Pulsare	ToPull.Pulsare	ToPull.Pulsare
p u: s i: - - -	p u: s i: - - -	p u: s i: - - -	p u: s i: - - -
p u l s a: r e	p u l s a r e	p u l s a: - -	p u l s a - -

Appendix 2 - Prior Frequencies

s → u

Many.Primary	Many.Primary	Few.Primary	Few.Primary
m u l t u s	m u l t u s	p aʊ k u s	p aʊ k u s
m ũ j̃ - t u	m ũ j̃ - t u	p o w k u	p o w k u

k → 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 ɔ k o -	p o k o -	p ɔ k o -

j → g

Liver.Primary	Liver.Primary	ToSmell.Fragrare	ToSmell.Fragrare
f - i j a: t - -	f - i j a: t - -	f l ə j r a - -	f l ə j r a - -
f - e g a t o -	f - i g ɐ d u -	f r a: g r a: r e	f r a g r a r e

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

i: → g

ToTie.Primary	ToTie.Primary	ToTie.Primary	ToTie.Primary
l ɔj i: - - -	l ɔj i: - - -	l ɔj i: - - -	l ɔj i: - - -
l i g a: r e	l e g a r e	l e g a r e	l e g a - -

k → l

Louse.Primary	Louse.Primary	Louse.Primary	Old.Primary
p - e d u - k l u s	p - i d ɔ k k j o -	p - ə d u - k j e -	v - ε k - k j o
p - e d o - l i - -	p - e d o - l i - -	p - e d o - l i - -	w - e t u l u s

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 - - -	g r iw - - -	g r iw - - -	g r iw - - -

a: → o

Horn.Primary	Horn.Primary	Horn.Primary	Horn.Primary
k w a: r - -	k w a: r - -	k w a: r - -	k w a: r - -
k - o r n u:	k - o ɤ n u	k - o r n u	k - o r n -

a: → ẽwĩ

Seed.Granum	Seed.Granum	Hand.Primary	Hand.Primary
g r a: n u m	g r a: n u m	m a: n o -	m a: n o -
g r ẽ wĩ - - -	g r ẽ wĩ - - -	m ẽ - - -	m ẽ - - -

a: → ẽj̃

Mother.Primary	Mother.Primary	Mother.Primary	Mother.Primary
m a: t r e m	m a: t r e m	m a: d r e -	m a: d r e -
m ẽj̃ - - -	m ẽj̃ - - -	m ẽj̃ - - -	m ẽj̃ - - -

Appendix 2 - Prior Frequencies

j → ʎ

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 ɛ - ʎ - -	k - ɔ - ʎ - -	ʎ ə b a - -	ə - ʎ a -

a: → ɑ

Stick.Primary	Stick.Primary	Meat.Primary	ToCut.Taliare
p a: l u s	p a: l - -	c a: r - - -	t a: - l i a: r e
p ɑ - - -	p ɑ - - -	tʃ ɑ r - - -	t ɑ j - - e - -

u → ɐ

Fruit.Primary	Fruit.Primary	Day.Primary	Day.Primary
f r u: - k t u s	f r u: - k t u s	ɖʒ - u -	ɖʒ - u -
f r u - - t ɐ -	f r u - - t ɐ -	d i ɐ -	d i ɐ -

ɛ → ɑ

Meat.Primary	ToDrink.Primary	ToCut.Taliare	Three.Primary
ʃ ɛ ɾ - - -	b - ɛ w - r ə	t ɛ - - j i: - -	t r - ɛ s
tʃ ɑ r - - -	b w ɑ - - ɾ -	t ɑ j - - e - -	t ɾ w ɑ -

p → tʃ

Wide.Amplum	Wide.Amplum	Wide.Amplum	Wide.Amplum
a m p l u s	ã - p l - -	a m p j o -	a m p l ə -
a n tʃ - o -	a n tʃ - o -	a n tʃ - o -	a n tʃ - o -

l → x

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

m → v

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

ʏ → ɖʒ

Liver.Primary	Liver.Primary	ToSwim.Navigare	ToSwim.Navigare
- - i ʏ a ɔ̃ o -	f - i ʏ ɐ ɔ̃ u -	n a v i ʏ a ɾ -	n ɐ v i ʏ a r -
f - e ɖʒ ə - - -	f - e ɖʒ ə - - -	n ɛ - - ɖʒ i: - -	n ɛ - - ɖʒ i: - -

c → g

ToSuck.Primary	ToSuck.Primary	ToSuck.Primary	ToFloat.Primary
c u c a: - -	c u c a: - -	c u c a: - -	f l u c t u a - -
s u: g e r e	s u g a ɾ -	s u g a r -	f l u g t w a r -

au → ø

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

ə → ej

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

Appendix 2 - Prior Frequencies

e → u

Fruit.Primary	Fruit.Primary	Day.Primary	Day.Primary
f r u - - t e -	f r u - - t e -	d i e -	d i e -
f r u: - k t u s	f r u: - k t u s	ɔ̃ - u -	ɔ̃ - u -

ɔ̃ → ɤ

ToFlow.Excurrere	ToFlow.Currere	ToFlow.Currere	ToFlow.Currere
- - s k u r ɔ̃ e - -	k u r ɔ̃ e - -	k u r ɔ̃ e - -	k u r ɔ̃ e - -
i - ʃ k o - ɤ e ɤ -	k u - ɤ i ɤ -	k o - ɤ e ɤ -	k u - ɤ e r -

e → ã

Year.Primary	Year.Primary	Year.Primary	Year.Primary
e - n u -	e - n u -	e - n u -	e - n u -
ã - - -	ã - - -	ã - - -	ã - - -

oj → ø

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

e → a

Sand.Primary	Sand.Primary	ToCut.Taliare	ToScratch.Rasare
- a r ej - e	- e r ej - e	t e - ʎ - a r -	ɤ e z a r -
h a r e: n a	h a r e: n a	t a j - - e - -	ɤ a z e - -

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

i → ĩ

Hand.Primary	Wind.Primary	ToSqueeze.Stringere	ToBurn.Incendere
m i n ə -	v - i n t - -	- s t r i n ɔ̃ e - -	i n ʃ i n d ʒ e - -
m ĩ - - -	v - ĩ - - -	e - t ɤ ĩ - d - ɤ -	ĩ - s ã - d j e - -

i → ĩ

ToSqueeze.Stringere	ToSqueeze.Stringere	ToBurn.Incendere	ToBurn.Incendere
- s t r i n ɔ̃ e - -	- s t r i n ɔ̃ e - -	i n ʃ i n d ʒ e - -	i n ʃ i n d ʒ e - -
ə ʃ t r ĩ - ʒ i r -	ə ʃ t r ĩ - ʒ i r -	ĩ - s e n ɔ̃ i a r -	ĩ - s ĩ - d j a r -

ʒ → ʃ

Near.Vicinus	Near.Vicinus	Near.Vicinus	Red.Rubeus
v - i ʒ ĩ - - -	v - i ʒ ĩ - - -	v - i ʒ ĩ - - -	ɤ u - ʒ - - -
v - i ʃ i n o -	v - i ʃ i n - -	v - e ʃ i n - -	r ɔ̃ - ʃ - - -

oj → ø:

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

oj → e

ToRub.Primary	ToRub.Primary	ToRub.Primary	ToRub.Primary
f r oj - - - -	f r oj - - - -	f r oj - - - -	f r oj - - - -
f r e g a r -	f r e g a r e	f r e - a - -	f r e k a - -

Appendix 2 - Prior Frequencies

α → e

Sand.Primary	Sand.Primary	ToCut.Taliare	ToScratch.Rasare
h a r e: n α - a r ej - e	h a r e: n α - e r ej - e	t α j - - e - - t e - λ - a r -	κ α z e - - κ e z a r -

ζ → η

Knee.Genuculum	Knee.Genuculum	Knee.Genuculum	Knee.Genuculum
ζ - ə n u - - - - η - - η ɔ - - - -	ζ u e - - - - λ u - η - - η ɔ - - - -	ζ w e - - - - λ u - η - - η ɔ - - - -	ζ - ə n o - - - λ - - η - - η ɔ - - - -

ej → e:

Sand.Primary	Full.Primary	Full.Primary	Straight.Primary
- e r ej - e h a r e: n α	f - ej - u - p l e: n u s	f - ej - u - p l e: n u s	d i r - ej - t u - d i: r - e: k t u s

α → ε

Meat.Primary	ToDrink.Primary	ToCut.Taliare	Three.Primary
ʃ α r - - - f ε κ - - -	b w α - - κ - b - ε w - r ə	t α j - - e - - t ε - j i: - -	t κ w α - t r - ε s

ej → e:

Sand.Primary	Straight.Primary	Three.Primary	Three.Primary
- a r ej - e h a r e: n α	dʒ i r - ej - t u - d i: r - e: k t u s	t r - ej - t r - e: s	t r - ej - t r - e: -

ʃ → ʒ

Near.Vicinus	Near.Vicinus	Near.Vicinus	Red.Rubeus
v - i ʃ i n o - v - i ʒ ě - - -	v - i ʃ i n - - v - i ʒ ě - - -	v - e ʃ i n - - v - i ʒ ě - - -	r ɔ - ʃ - - - κ u - ʒ - - -

ej → ə

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

ʃ → p

Wide.Amplum	Wide.Amplum	Wide.Amplum	Wide.Amplum
a n ʃ - o - a m p l u s	a n ʃ - o - ā - p l - -	a n ʃ - o - a m p j o -	a n ʃ - o - a m p l ə -

α → a:

Stick.Primary	Stick.Primary	Meat.Primary	ToCut.Taliare
p α - - - p a: l u s	p α - - - p a: l - -	ʃ α r - - - c a: r - - -	t α j - - e - - t a: - l i a: r e

qa → ε

BarkOfATree.Skortea	Rain.Primary	ToKnow.Cognoscere	ToKnow.Cognoscere
- s k - qa r ts - ə - h - w ε - s - -	p l qa - - j e p l ε - f - -	k u - n qa ʃ t e - - k ɔ - n ε - t - κ -	k u - n qa ʃ t e - - k u - n ε ʃ - ə - -

ə → ȳ

Round.Primary	Round.Primary	Round.Primary	Round.Primary
r ə d o - - - - κ ȳ - - - -	r ə d o - - - - r ȳ - - - -	r ə t u n d - - κ ȳ - - - -	r ə t u n d - - r ȳ - - - -

Appendix 2 - Prior Frequencies

ɕ → y

Liver.Primary	Liver.Primary	ToSwim.Navigare	ToSwim.Navigare
f - e ɕ ə - - -	f - e ɕ ə - - -	n ε - - ɕ i: - -	n ε - - ɕ i: - -
- - i y a ɔ̃ o -	f - i y e ɔ̃ u -	n a v i y a ɕ -	n e v i y a r -

œ̃ → ü

Some.Primary	Some.Primary	One.Primary	One.Primary
o - k œ̃ - - -	o - k œ̃ - - -	œ̃ - - - -	œ̃ - - - -
a w g ü - - -	a ɫ g ü - - -	ü - - - -	ü - - - -

ẽj̃ → a:

Mother.Primary	Mother.Primary	Mother.Primary	Mother.Primary
m ẽj̃ - - - -	m ẽj̃ - - - -	m ẽj̃ - - - -	m ẽj̃ - - - -
m a: t r e m	m a: d r e -	m a: t r e m	m a: d r e -

ɕ → ɕ̥

ToFlow.Excurrere	ToFlow.Currere	ToFlow.Currere	ToFlow.Currere
i - ɕ k o - ɕ e ɕ -	k u - ɕ i ɕ -	k o - ɕ e ɕ -	k u - ɕ e r -
- - s k u r ɕ̥ e - -	k u r ɕ̥ e - -	k u r ɕ̥ e - -	k u r ɕ̥ e - -

v → m

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

ø: → oj

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

iw → a

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

ø → oj

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

ø → au

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

ɪ → e

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

g → i:

ToTie.Primary	ToTie.Primary	ToTie.Primary	ToTie.Primary
l i g a: r e	l e g a r -	l e g a r e	l e g a - -
l ɔj i: - - -	l ɔj i: - - -	l ɔj i: - - -	l ɔj i: - - -

Appendix 2 - Prior Frequencies

ɔj → u

We.Primary	YouPlural.Primary	YouPlural.Primary	Leaf.Primary
n ɔj - s	v ɔj s -	v ɔj s -	f - ɔj - -
n u - -	v u - -	b u - s	f - u ʌ - ə

õ → ɔ:

Good.Primary	Good.Primary	Good.Primary	Good.Primary
b - õ - - -	b - õ - - -	b - õ - - -	b - õ - - -
b w ɔ: n o -	b w ɔ: n o -	b w ɔ: n o -	b w ɔ: n o -

õ → ə

Round.Primary	Round.Primary	Round.Primary	Round.Primary
ʁ õ - - - -	ʁ õ - - - -	r õ - - - -	r õ - - - -
r ə d o - - -	r ə t u n d - -	r ə d o - - -	r ə t u n d - -

ø: → e:

ToKnow.Sapere	Straight.Primary	Three.Primary	Three.Primary
s a v - ø: ʀ -	d - r - ø: - -	t r - ø: - -	t r - ø: - -
s a v - e: - -	d i: r - e: k t u s	t r - e: s	t r - e: - -

g → j

Liver.Primary	Liver.Primary	ToSmell.Fragrare	ToSmell.Fragrare
f - e g a t o -	f - i g ɐ d u -	f r a: g r a: r e	f r a g r a: r e
f - i j a: t - -	f - i j a: t - -	f l ə j r a - -	f l ə j r a - -

ã → ɐ

Year.Primary	Year.Primary	Year.Primary	Year.Primary
ã - - - -	ã - - - -	ã - - - -	ã - - - -
ɐ - n u -	ɐ - n u -	ɐ - n u -	ɐ - n u -

g → c

ToSuck.Primary	ToSuck.Primary	ToSuck.Primary	ToFloat.Primary
s u: g e r e	s u g a ʁ -	s u g a r -	f l u g t w a r -
c u c a: - -	c u c a: - -	c u c a: - -	f l u c t u a - -

ẽ → o

Far.Primary	Far.Primary	How.Quomodo	How.Quomodo
l w ẽ - t ẽ - -	l w ẽ - t ẽ - -	k ɔ m ẽ - -	k ɔ m ẽ - -
l - o n t a n o	l - o n t a n -	k ^w o: m o d o	k o m o - -

ʌ → j

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

ẽ → i

Hand.Primary	Wind.Primary	ToSqueeze.Stringere	ToBurn.Incendere
m ẽ - - - -	v - ẽ - - - -	e - t ʁ ẽ - d - ʁ -	ẽ - s ã - d j e - -
m i n ə -	v - i n t - -	- s t r i n ɕ e - -	i n ʈ i n d ʒ e - -

ĩ → i

ToSqueeze.Stringere	ToSqueeze.Stringere	ToBurn.Incendere	ToBurn.Incendere
ə ʃ t r i - ʒ i r -	ə ʃ t r i - ʒ i r -	ĩ - s e n ɕ i r a r -	ĩ - s ẽ - d j a r -
- s t r i n ɕ e - -	- s t r i n ɕ e - -	i n ʈ i n d ʒ e - -	i n ʈ i n d ʒ e - -

Appendix 2 - Prior Frequencies

ĩ → ěw

Not.Primary	Not.Primary	Not.Primary	Not.Primary
n ĩ -	n ĩ -	n ĩ -	n ĩ -
n ě -	n ě -	n ě -	n ě -
w ě	w ě	w ě	w ě

ěw → a:

Seed.Granum	Seed.Granum	Hand.Primary	Hand.Primary
g r ě - -	g r ě - -	m ě - - -	m ě - - -
g r a: n u m	g r a: n u m	m a: n o -	m a: n o -

ěw → ĩ

Not.Primary	Not.Primary	Not.Primary	Not.Primary
n ě -	n ě -	n ě -	n ě -
n ĩ -	n ĩ -	n ĩ -	n ĩ -

ũ → œ

Some.Primary	Some.Primary	One.Primary	One.Primary
a w g ũ - -	a ł g ũ - -	ũ - - -	ũ - - -
o - k œ - -	o - k œ - -	œ - - -	œ - - -

t → g

Lake.Primary	Lake.Primary	Lake.Primary	ToFloat.Primary
l a: t - -	l a: t - -	l a: t - -	f l u t t u a r e
l a g o -	l a g o -	l a g u -	f l u g t w a r -

g → t

Lake.Primary	Lake.Primary	Lake.Primary	ToFloat.Primary
l a g o -	l a g o -	l a g u -	f l u g t w a r -
l a: t - -	l a: t - -	l a: t - -	f l u t t u a r e

ěj → o

Child.Ninnus	Child.Ninnus	Child.Ninnus	Child.Ninnus
n e n ěj	n e n ěj	n e n ěj	n e n ěj
n i j o	n i n o	n i j o	n i n o

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
\mathcal{B}	Possible rooted trees
A	Segmental alignment Constructed by combining the word segment information for the languages of interest with information on the homology of the segments
S	Segmental information Information on the homology of the segments
s	Segment Linguistic segment
s_i	ith segment
H	Homology map The map describing the alignment of the segments
Q	Rate Matrix
β	Rate matrix scaling factor Scales the rate matrix such that the average rate of segmental substitution is one
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

Appendix 3 - Symbols

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**

Appendix 4 - Words containing each segment

ẽj	0250, 0303, 006A, 0303	53
mẽj mẽj nuvej keližẽj kěj něj ẽj		
ẽw̃	0250, 0303, 0077, 0303	61
kẽw̃ kěj grẽw̃ grẽw̃ mẽw̃ měj nẽw̃ něj		
au	0061, 0075, 032F	74
kauda kauðe kauðe auði:re auzi paũkus		
ea	0065, 032F, 0061	76
ts̥east̥ st̥ea t̥ʃeat̥ʃ̥ n̥ea g̥eats̥a b̥ea ved̥ea z̥at̥ʃ̥ea fed̥ea k̥ad̥ea		
oa	006F, 032F, 0061	40
d̥oam̥n̥a f̥oaje sk̥oarts̥a f̥oare c̥oad̥a s̥oare pl̥oaje n̥oapte v̥oame kun̥oafte t̥oart̥ʃ̥e c̥oase apr̥oape		
ěj	1EBD, 006A, 0303	46
neněj neněj nuvej kalizěj kěj něj ěj		
aj	0061, 006A	54
paj paj ajɣw̥a sajβru sajβru tene:braj kajkia kajlum nivaj nwaje traj majjo:rem duaj		
a:	0061, 02D0	52
ma:trem ma:dre pa:dre nema:l pa:lus pa:l gra:num ra:di:kem ra:di:ke ra:di:ki:na gra:men ca:r kwa:r ca:f na:sus na:so na:s na:ris ma:no a:la intera:nea fi:ka:tum fi:ja:t ri:pa:ria la:t ma:r sa:lem sa:l ka:li:ginem tene:bra:s fu:ma:ta fuma:ta stra:ta monta:nea diurna:ta manduka:re ma:nja: morsika:re cuca: spuda: suffla:re sofla: respi:ra:re respira: ko:gi:ta:re pe:n:sa:re pen:sa: odo:ra:re fra:gra:re trima: neka:re tu:ta:ri makta:re mat̥ʃ̥a: pugna:re kaptia:re cat̥ʃ̥a: pulsa:re pulsa: seka:re sea: kurta:re ekskurta:re skurta: ta:lia:re ta:la:la:re taja: se:para:re separa: jugula:re jugula:re ra:dere rada: rasa: kawa:re java: ekskawa:re zjava: nata:re nada: naviga:re naviga: wola:re zvola: camina: ma:r̥ʃ̥i: ambita:re sedenta:re senta: sta:re sta: leva:re leva: al̥ʃ̥a: torna:re torna: gyra:re đjira: đjira: da: dona:re dona: appekto:ra:re frika:re frikta:re lawa:re lava: eksu:ka:re suja: limpida:re tira:re tira: pulsa:re pulsa: jakta:re lankea:re lan̥ʃ̥a: e:runka:re liga:re lea: apta:re komputa:re konta: numera:re numera: kanta:re canta: joka:re đjuja: flu:ktua:re fluita:re ko:la:re gela:re glakia:re glat̥ʃ̥a: inglakia:re infla:re enfla: konfla:re zglon̥ʃ̥a: krema:re flamma:re flama: flagra:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k		
ej	0065, 006A	56
pej̥ʃ̥i cavej okej seju pejtu sej̥ʃ̥u areje fej̥ʃ̥aɣ zejtar zejtar kejm̥aɣe istrejtu đjirejtu trej		
e:	0065, 02D0	26
fe:mina be:stia se:men pe:l ste:l̥la pje:tra pje:re hare:na nu:be:s tene:braj tene:bra:s ne:f die:s morde:re ri:de:re wide:re save: pe:n:sa:re ole:re time:re se:para:re jake:re đjat̥ʃ̥e:re sede:re tork̥e:re tene:re e:runka:re intume:skere kre:ske:re arde:re de:lika:tus du:ze: fret̥ ple:nus di:rektus korre:ktus tre:s 'tre:		
i:	0069, 02D0	38
mui:r mari:tus mari:t ra:di:kem ra:di:ke radi:t̥ʃ̥e ra:di:ki:na wi:wenda pi:t fi:ka:tum ri:wus ri:pa:ria rivi:r ka:li:ginem ʃ̥i:l kammi:num ma:pi: sysi: respi:ra:re ri:de:re ri:dere bi:ɣ vi:r auði:re uldi: ski:re senti:re sinti: dormi:re durmi: wi:were muri: okki:dere t̥ʃ̥esi: teji: di:widere parti:re parti: neđji: ma:r̥ʃ̥i: weni:re v̥i:ni: ho:si: strengi: pu:si: lanci: loji: di:kere di:ɣ di: skori: subti:lem sutil fri:gidus vi: di:re:ktus wi:ki:nus k̥ʷi:nk̥ʷe ekkumhi:k ibi: ki: si:k ki:		
ĵ	006A, 0303	88
mũjtu mũjtu		

Appendix 4 - Words containing each segment

k^j	006B, 02B2	79
ok ^j dʒenunk ^j vek ^j		
k^w	006B, 02B7	83
ak ^w a tork ^w :ere k ^w attwor k ^w i:nk ^w e k ^w is k ^w em k ^w id k ^w ando: k ^w o:modo k ^w od		
oj	006F, 006A	18
noj voj kojın voj nojtı nojtı froj rojb dojs dojf doj doj		
O:	006F, 02D0	2
ego: no:s noi no: wo:s voi vo: spo:s flo:rem fjo:re flo:r o:wum o:rikla so:lem no:men no:me no:minem vo:mi kogno:skere ko:gita:re odo:ra:re ko:nsuere ekspo:nere ko:la:re to:tus po:k majjo:rem duo:s k ^w ando: k ^w o:modo no:n		
u:	0075, 02D0	22
tu: fru:ktus fu:nem u:f kornu: plu:ma ku:r lu:na flu:men nu:be:s nu:bilus nu:l fu:ma:ta gelu: fu:mus fu:k dʒu: su:gere tu:tari tu:rne eksu:ka:re pu:si lu:dere flu:ktua:re ku:ʒ minu:tus minu:t du:ʒe su:ti ju:f aku:tus retu:sus u:midus u:dus u:nus ʃfemu:t		
Ø:	00F8, 02D0	84
bø:ʒ savø:r kø:z stʒø: drø: dø: trø:		
œ	0153, 0303	89
okœ œ		
ej	0250, 006A	57
pejfi orejʎe seju pejtu sejfu ereje fejrar kejmare iftrejtu feju feju vejʎu direjtu virmejʎu		
ẽ	0250, 0303	43
ifẽjfi ifẽti grẽme sẽgi sẽgi pẽse pẽse itrẽjne môtẽjne mẽʒaʒ mẽʒar ẽdaʒ ẽdar lẽsa lẽsar kẽtar kẽtar tẽtu tẽtu grẽdʒi grẽdi ẽʃu ẽʃu kwẽdu kwẽdu		
ã	0251, 0303	41
ãfã efã seʒpã sãmãs vjãd sã dã zãb dʒãp vãtʒ pãs pãs ãtʒaj vã sãdʒ ã ã lãg mãʒe pãse sãtiʒ fãdʒ etãdʒ lãse jãte ʃãte ãfle ẽsãdʒe gʒã gʒã ãpl kã kãmã dã		
ɔj	0254, 006A	16
nojs vojs fɔj loji:		
ɔ:	0254, 02D0	85
pɔ:rti hɔ:si: bwɔ:no mɔ:		
õ	0254, 0303	73
sõg õg savjõ mõ mõ mõtɔɲ nõ nõ kõspyẽ nõbʒẽ lõ nõ nõ		
ɛj	025B, 006A	78
ɔɾej solej fʒɛje vɛʒmej		

Appendix 4 - Words containing each segment

ɛː	025B, 02D0	80
pjɛːde tɛːnebre tɛːnebre tʃɛːr pjɛːno kwɛː		
ẽ	025B, 0303	60
fjẽ tʃẽ dẽ mẽ vẽt vẽ sêt fãmẽ ʃĩmẽ lẽv pẽse sêti sêde fêt pwẽdɤ epwẽdɤ etwẽdɤ ẽsãdʒe plẽ vwazẽ lwẽtẽ kômẽ		
g^w	0261, 02B7	71
sang ^w inem ling ^w a		
ij	0268, 006A	63
kijne		
iw	0268, 0077	69
griw		
a	0061	28
feːmina fam embra femmina fembra domina dam doña dōnna dam infantem infante fante sponsa esposa spōza ispoza maritus maki mariđo marito maridu marit marit mađre marə mari patre pađre parə pari tata tata tata tata tatə animalia omaj alimajna nəmaje beːstia biffa pwasō awem abe avi aw awikellum wazo passerem paxaro passero paseru pasəru pasəre kanem kan kane ka can sarpint farpe arborem aɤbɤ arɤol albero aɤvori arvuri abrə arbul arbore silwa selba selva sewwa selba pal palo palo paw paw pal par grano grano gra gran folia oxa fɔlla frondea frondza raiθ ɤais ɤadi radiːtʃe raːdiːkiːna ɤasin kortikea korteθa kortetʃa skortea skɔrtsa skwartse herba jerba erba jarbe jarbə gɤamen grama gram rista rɛsta kwan kotenna karnem karne karne kəɤni karni karn karne wiːwenda bibjenda vivanda vivēda sang ^w inem saɤgre sangwe saɤ saɤk adepem adipe grasa graʃe graʃe kaɤda kola koda kua pluːma pluma pjuma penna peɤa penna panə pwal kapillus kabejo kapello kabelu cavej kapitia kaʃeθa kavettsa kabese kap kap testa testa oːriklə orexa orekkja naso nas nas nariʃe naris bukka boka bokka gula gola ungula uɤa ungja gamba gamba gamba kambə ʃambe gambə perna pjerna manum mano maɤ aːla ala ala a a alə ale pantikem panθa panʃa paɤʃə pantse interaːnea d̥tɤaj entraɤa əntraɤə spatula espalda spalla iʃpadwɛ iʃpadwɛ əspaɤɤə spal spale spate san pwatɤin anima alma alma awmɛ almɛ anime iɤađo fegato fikat luːna luna luna steːlla etwal estreja stella ak ^w a aɤwa akkwa agwɛ agwɛ age apə pluwia jubja pjodɤʒa riːpaːria lakum lak lago lago lagu layu ɤak lak lak mare mar mare maɤ mar mar mare sal sale saw sal sal sare saksum sasso petra pjeđra pjeːtra pjatrə lapidem laude lapide hareːnɔ arena arejɛ aren arinə sabulum sabl savalɔn sabula sabbja pɔlvar terra tjera terra tsarə nuvola kalina kaliɤjine kaliʒɛj nebula njebla nebbja tinjeblas fuːmaːta fumata fumaːta fumase fumase fumate kajkia glas gjatʃa glas glaʃe θeniθa wia vwa bia via straːta estrada strada istrade iʃtrađe kammiːnum kamino kammino kamjɤu montaːnea mōtaɤ montajna montajna muntajə mōtaɤ montajne dia zəɤna zəɤna diurnaːta xornada ɤjornata ɤjornade annum apo anno aɤ aɤ an ling ^w a lengwa lingwa mandukaːre mandukar mandʒare mɛʒaɤ mɛʒar məɤʒa maɤiː maɤʒaː minka mwardi moskar morsikare musəga musəgar musəɤa murseka sugaɤ sugar skuɤpa esputar sputare soffjare sufla respirar respirare ɤespirar ɤiʃpirar rɛspira vwaɤ sapere savwaɤ saber sapere sabɤ savəːr saveː kwidar koɤʒitare kuʒitaɤ kuʒitar kujda kuɤgeta pensar pensare pɛsaɤ pɛsar pənsa pəsa ulura odorare fragrare feɤraɤ feɤjar fləjra tremare dwaɤmi via nəga neka anegar annegare maktaːre mate matar mataɤ mɛtar mōta maʃaː puɤar puɤɤare puɤa battuere batɤ batir battere bateɤ batrə bate bati bate kaptiaːre fase kaθar katʃfare kasəɤ kɛsar kəsa caʃaː puxar pulsare puʃaɤ puʃar pulsa segar segare segaɤ siɤar səɤa kortar koɤtaɤ kurtar skortare skurta taxar taɤɤaːre taɤaɤ teɤar təɤa tajaː təja partiːre partjɤ partjɤ partjɤ partjɤ partiː seːparaːre separar separare separaɤ sipɛrar sɛpəra separaː separa raer radere ɤaɤ rəwɤ radaː rade rasar rasare ɤazaɤ ɤɛzar rəza rasaː raskar ɤaʃkaɤ ɤɛʃkar rəska kosaɤ kusaɤ kawaːre kabar kavare kəvaɤ kəvar kəba ʒavaː ekskawaːre eskabar skavare iʃkəvaɤ iʃkəvar zʒavaː nataːre nadar nwotare nadaɤ nɛðar nəda nadaː navigaːre naze nabegar navigare naviɤaɤ nɛviɤar nəbəga navigaː naviga bolar volare voaɤ vwar bula zvolare zbuɤa kaminar kamminare kemjɤaɤ kemjɤar kəmina caminaː maɤʃe ambitaːre andar andare ēdaɤ ēdar jakeːre jaθer ɤaʃteːre zəwɤ swaɤ sentar sɛtar sɛtar estar stare iʃtar iʃtar əsta s ta jebar levare levaɤ livar ɤəba lua alθar altsare aɤsa aɤsar əlsa alʃaː tornar tornare toɤnaɤ turnar turna turna xirar ɤjirare ʒirar ʒirar ʒira birar virare virar ʒirar bira kadere ʃwaɤ kaer kadere kawɤ ʃjade tumbaɤ tōbaɤ tōbar tumba dare dar dare daɤ dar dar da donar donare doa duar duna segurar siguraɤ siɤurar serar sɛa sərar səra serare θerar serrare sizaɤ sizaɤ appektoraːre apretar epirtar epirtar fregar fregar frəga frea freka iʃfregar iʃfriɤar frotar frettare frisaɤ frasa lawaːre lave laʃar lavare levar levar ɤəba lave lavaː la estarsir aʃfugare əʃugar əʃuɤar əʃuga uska limpjar lipar lipar tirar tirare ʃira tirar tira puxar pulsare puʃar puʃar pulsa trahere trarre traze tradʒe jaktaːre eʃar ɤɛttare ʒejtar ʒejtar xita		

Appendix 4 - Words containing each segment

lankea:re lanθar lanʃare lēsa lēsar lānsa lanci: lanʃa: arankar arronʃare aruŋka legar legare liya lega apta:re atar ɛtar ɛtar kontar kontare kōtar kōtar kumta noverare numera numara kanta:re kantar kantare kētar kētar kōnta canta: kinta xugar ɟokare zogar zuyar zuga zuka flugtwar fluttuare flutuax flutuar fluktua fluctua fluitare kolar kolare koax kuar kula elar ɟelare zilar zilar zola ɟale glakia:re glase gjattʃare glōsa glaʃa: inglakia:re ingetsa inʃar enfiare iʃar iʃar imfla umfla gonʃare kɔwatɤ kɔame kemar kremare keɣmare keɣmaɤ krōma flamma:re flame fɣammare flama flama: arde:re aɤdɤ arder ardere aɤdɤ arde flagra:re flagɤe flagrar flagrare flagɤax flagrar inʃendjare isendʒar isēdjar ustolare ustura tantus tanto tanto tant tanc alguno alkuno awgū aɣū alter altro altrō altri alt alius aw aɭ magnus mapo mapno grandem grande grande gran grant mare largus laɣz larɣo largo laɣgu largu ʎark lark larg lato lato latu latu lat amplus anʃo ampjo amplō krassus graso grasso graʃu gras gras grawis grabe gravi gravi grav angustus angosto angusto etɤwa delyaɔo delikato dewgadu deɣaɔu dēlikat kalidus kaldo kaldo kawdu kaldu kaɭ calt kald kɤwa malus mal malo malo maw maw mal dɤwa tarɔnt aku:tus aɣuɔo soave suaw adpropre aprɔape vwazē kirka θerka lontano ʎunta lontan galbinus galben amarellus amarijo ɤmarelu albus albo albo awvu alvu alb alb duas kʷattwor katɤ kwatro kwattro kwatru kwatru kwatrō kwat kwatri patru aki aki aki aki la aja la la la ɤʎa la la ai ai kwa kʷando: kwando kwando kwan kwand kwant ad a a a a a a abhoc avek avu

b 0062 20

bos bus embra fembra be:stia biffa biʃe biʃe biʃe bis bis abe berme arborem aɤbɤ albero abrō arbul arbore selba selba herba ɤɤb jerba ɤrba ɤrbā jarbe jarbā bibjenda webō kabējo kabelu kəbɤʎ kabesɤ bukka buʃ boka bokka bokɤ bokɤ bokā bɔk bɔcɤ bukā gamba ɣɔb gamba gamba kambā jambe gambā bjentre bentrō jubja sabulum sabl sabula sabbja pulbere polbo nu:be:s nube nube nu:bilus nublo nebula njebla nebbja tene:braj tē:nebre tene:bra:s tenebɤ tinjeblas tē:nebre tānebrās bjento ben njebe bia biā nombre limbā bibere bwax beber bere beɤbɤ biʃer bɤwɤr bōɤ bevi bɤa ber bɤwɤr saber sabɤɤ sɤber bibir biwɤr battuere batɤ batir battere batɤ bɤter batrō bate bati bate dibidir dibidi kabar kəba eskabar nabegar nəbaga bolar bula zburā ambita:re benir bəni jebār ʎəba birar bira tōbe tumber tōbax tōbar tumba ʎəba nōbɤe grabe brewis bɤef brebe brɤe brevi bɤewi brew bɤef subti:lem subsire bjexo bonus bō bweno bwɔ:no bō bōn bō bōn bun hebetem ɤbete beθino bəi bermexo bərmɤʎ rubeus rubjo rəbbjo rubeo rubeo rojb berde galbinus galben albus albo albo alb alb ibi: abhoc

c 0063 62

can ca:r cɔadə cavej caʃ bɔcɤ noctem cuca: caʃa: camina: lanci: cɔase canta: fluctua molc tanc calt spurcus abhoc

d 0064 24

usted domina dam doɣa dōnna donɤ donɤ dōnā dam dōne dɔamɤ maridu ma:dre pa:dre peduklus pidɔkkjo pedoli pɔdukje frondea ra:di:kem ra:di:ke ɤadi radi:ʃe ra:di:ki:na rəɔəʃinə kodie wi:wenda vjɔd bibjenda vivanda vivēda vivēde adepem adipe kaɣda koda kaɣde kaɣde kɔde cɔadə dentem dā djente dente dēʃi dēti dē dint dinte pedem pje:de dorsum do dɔso dos do dwes do espalda iʃpadwɤ iʃpadwɤ fiɣɔdu pjɔddʒa pedrɤ lapidem laude lapide pudɤ sɔdɤ sendrō estrada strada istradɤ die:s dia di die die diā di diurnum djurno diurna:ta xornada ɟornade komedere manduka:re mandukar morde:re moɤdɤ mɔrdere moɤdɤ mwardi spuda: ri:de:re ri:dere ridi ride wide:re vedere vjodi vedɤa aɣdi:re udire uldi: kɣide kwidar kujda odo:ra:re odorare kɤdɤ dormi:re dɔmɤiɤ dormir dormire dɔmɤiɤ durmir durmi dwaɤmi durmi: dormi okki:dere utʃidere utʃide di:widere dibidir dividere diviðir dibidi dividi divide skindere sēde ʃindere findere fāɤɤ ender fɤndere fēdɤ fēder fɤndrō pwēdɤ ra:dere radere rada: rade fodere nadar nadax nāda nada: andar andare ɤdax ɤdar ekstendere etāɤ ekstender estendere istēdɤ iʃtēder əstendrō ekstinde sede:re sedere jedɤa sedenta:re tɔdɤ kadere kadere ʃjade kəɟa dare dar dare dax dar da: da dona:re dōne donar donare doa duar duna dine dona: epɤdɤ etɤdɤ limpida:re kudɤ di:kere diɤ deθir dire dizer dizer di di: lu:dere ludir arde:re aɤdɤ arder ardere aɤdɤ ɤder arde inkendere ɤsāɟe enθender inʃendjare isēdjar ənsendrō inʃindʒe todo todū dut grandem grande grande grēdi gurdus gordo lurdus lerdo lordo lerdo lerdo menudo miudu de:lika:tus du:ʒe: delyaɔo delikato dewgadu deɣaɔu dēlikat kalidus kaldo kaldo kawdu kaldu kald fri:gidus freddo putridus putrido putred podri sordidus sordido sɔrdido sɔrdidu di:re:ktus dɤwa dritto direjtu dɤet drɔ: dɤet drept rotundus redondo ritondo ɤedōdu ɤidōdu rədo rətund nitidus neted u:midus umido umid umed u:dus ud adpropre dekstrum djestro dɤstro dɤstru dɤʃtru destrō djestri wiridem berde verde verdi verde duo:s dō dos dojs dojɤ dos dō: doj doj duaj due dowə duas duɤ duɤ kʷid kʷando: kwando kwando kwēdu kwēdu kwand kind kʷo:modo ad deintus dā dins kʷod

e 0065 0

ego: ew ew jew usted vose vɔse voste embra femmina femɤ femjɤ fembra femeje mulierem muxer moʎʎe muʎɤ muʎer muʎe mujere dōne infantem infante fante nenē nenē nen epuz esposa epu esposo ma:trem mɤ madre ma:dre mer patre peɤ paðre pa:dre nema:l nəmaje piskem peθ peʃfe peʃ peʃte awem abe awikellum useʎ passerem passero pasəre kanem

Appendix 4 - Words containing each segment

kane kijne peduklus pedoli pødukje serpentem sèrpā serpjente serpente sèrpēſi sərpen farpe wermem vøk berme verme vøxmi vermī vjer vjermē arborem albero arbore selba selva selve sē:men seme sementis simjente semente semēſi sāmēn semēſe fwee fōaje frondea rā:di:kem rā:di:ke radi:ſe kortikem kortiſe kortikea korteſa kortetſa skortea ekōs skwartse flo:rem fjo:re fļoare herba jerba èrvē erbā jarbe grā:men fu:nem fune funje restem kēſti kotenna pellem pjel pelle peli peł pjele karnem karne karne karne wi:wenda bibjenda sang^winem sangre sangwe sindže weso adepem adipe gref webo kwerno penna pena penna penē penē pēne pelo pelo pelu kabejo kapello kabelu kēſelu kaſeſa kavetſa kabesē kēſesē testa testā teste orexa orekkja orełē orele ureke ne ne nariſe gōle dentem djente dente dinte ungje pedem pje pje pjē:de piez jambe perna pjerna petiolus peſiolo genikulum zuełū dženoli dženunk^l el el ale wentrem bjentre bentrā vintre pantikem pantse pintetſe intera:nea entrāna kwejo dwes epol espalda spate seno seno sen pektus peſfo pjept kwore anime fegato fedžā solem sole sqare soreli lune etwal estreja stella istrelē iſtrelē stele age ploje plōaje flu:men fjume kīvjēk mare mare mer mare salem sale se sare petra pjēk pjeđra pedrē pēđrā pjere lapidem laude lapide arena ārenā pulwerem polvere pulbere terra tēk tjera tēk tēk tjere nube nube ka:li:ginem kaliđjine nebula njebla nebbja newlā negurā tene:braj tē:nebre tene:bra:s tenebē tinjeblas tē:nebre tēnebrās fyne fumate ōjelo ſjer wentum bjento ben niwem njebe neve new gelu: jelo dzer glaſe fwego kinerem ſjenere ōeniſa ſjenuſa estrada montem monte monte monta:nea mōntane noctem noſje nōtte nōapte zūne dżornade nō:men nō:me nume nō:minem nombre lengwa bibere beber bere bebx biſer bevi komedere komer kome kumer manduka:re māže mandžare morde:re morđer mōrdere mōkđek mūrđer morsika:re morsikare murseka su:gere syse suđje konspuere kōspye eskupir sputere esputar sputare womere vōmere vōame suffla:re sufle soffjare sufle respi:ra:re respirar respirare kēspirar respira: ri:de:re reir ri:de:re rīde wide:re ber vedere vøk ver vedēa aud:re udire ski:re sapere saber sapere sabēk seber kogno:skere konoſer konoffere kopēsēkupiser kunſaſte ko:gita:re kūide kođitare kuđžeta pēnsa:re pāse pensar pensare pēse peſsa: senti:re sentir sentire olē:re oler olire odo:ra:re odorare fra:gra:re flēkē fragrare time:re temer temere temēk timer temā temi teme tremere tremar tremare tremēk trimer dormi:re dormire wi:were vivere vivek viver morire mōkēk mūkēk neka:re nwaje neka anegar annegare tye tuwe makta:re mate okki:dere utſidere utſide pugna:re puſjare battuere battere batek beter bate bate kapti:re fase kattfare pulsa:re puse pulsare seka:re sje segar segare segāk sea: kurtare ekskurta:re ekūrte skortare talia:re taje tałłā:re di:widere dividere divide skindere sēde findere findere ender fendere fēdek fēder parti:re partire se:para:re sāvēk separar separare separāk separa: separa pungere pundžere pundže jugula:re zygyale jugula:re ra:dere raer radere kēkēk kēkēk rade kaze rasare fodere kawā:re fōve kavare ekskaware eskabar skavare nata:re nwotare naviga:re naže nabegar navigare wola:re vole volare vōle zvolare fōmine kamminare ſjimine mākſe mergere mēkžere mēkž

e ambita:re andare weni:re benir venire veni ekstendere etāđk ekstender estendere istēdek iſtēder āstendrā ekstinde jake:re zezik jaſer džaſe:re zēkēk zēkēk džere jesi sede:re ser sedere sēk ser sedēa sedenta:re sentar senta: sta:re estar stare levā:re lōve jebat levare levāk lōve leva: ose altsare torna:re tūkēk tornare tu:rne gyra:re zīkē džirare viſe virare viſe tork^w:re torſer tōrſere turser turser tōarſe kadere kaer kadere ſjjade tōbe tume dare dare dona:re dōne donare dine tene:re tener tenere tēk ter tsine segurar eksprimere epēđk ekspremir spēmere iſprēmēk iſprāmer āspremā esprimi skreme serrere serar seba serare sēkē ōerar serrare sere appektora:re apretar stringere etēđk estreſir strindžere stringe strindže frika:re fīkē fregar fregare frea freka frikta:re fōte frettare fōte lawa:re lave lavare lave tergere tēdžere ekstergere estarsir ſterdžē eksu:ka:re esūjje affugare suwe limpida:re tira:re tīkē tirare tire pulsa:re puse pulsare trahere trarre traze trēzer trađžē impingere impindžere impindže jakta:re zōte etſar džettare džete lankea:re lāse lanſare e:runka:re arronſare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kutſire kuzer kuzer qōase komputa:re kōte kontare kōte numera:re nōbēk noverare numera numera: di:kere deſir dire dizer dizer ziſe ekspo:nere sporre spune kanta:re jāte kantare ſjāte lu:dere jōka:re zve džokare džuwe flu:ktua:re flyktye fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kōle ekskurrere eskurir skorrere iſkōkēk iſkūrēk skurđžē kurrere korer korrere kōkēk kōkēk kurđžē gela:re zōle elar dželare džale glakia:re glase gjattſjare inglakia:re ingetsa infla:re āfle enfiare ēfle enfla: konfla:re gōfle gonſjare gōfle intume:skere entumeſer itumeser itumeser kre:skere kreſer kreſſere kresēk kriſer krefā krefte krema:re kōame kemar kremare kējmare kējmare flamma:re flame fjammar arde:re arder ardere arđek vōder arde flagra:re flagkē flagrare inkendere ēsāđje enſender inſendjare isendžar ānsendrā inſindže ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espeso spesso iſpesu grabe greve grew grew lerdo lerdo lerdo pekepo pekenu pikenu brewis brebe breve brew bēk etkwa estreſjo stretto menudo delyāđo delikato dewgadu subti:lem sottile subsire freddo rekentem reſjente reſjente kēsēſi kēsēſi retsint reſje āeno nweſo wetulus bjexo vełū veł vjei vek^l bwenō putred putrem pođre drept redondo kēdōdu hebetem ēbete retu:sus retuzo sua:wem soave netto neted umed seko sekko seku seku sek korretto proizme adpropre aprōape pressus pke beſino vefin ōerka dekstrum djestro destrā djestri sinjestro sinestro sijestri vermikulus bermexo vermiłło vøkēalū rubeus rubeo rubeo ruđžē wiridem vøk berde verde verdi verdi galben amarellus krokeus krofleo due tres tre tres tref k^w:ink^we ſjinkwe ekkumhi:k k^wem kjen ſjine ke ke ſje ſje kome ſjemut nek ne en deintus avek et e e e e ke ke ke

f

0066

25

fe:mina fam femmina femēv femjē fembra fōem femine femeje infantem āfā infante fante ifēſi ifēti efā fru:ktus fūqi fruto frutto frutē frutē frujt fryt frut frukt folia fōej fāłłā fōkē fōkē fūłā fāj fwee fōaje frondea frondā frōsē frōsē frunža flo:rem flōkē flor fjo:re flok flor flo floer flo:r fļoare fu:nem fune funje œf u:f ca:f fi:ka:tum fwa fegato figēdu fiyēđu fedžā

Appendix 4 - Words containing each segment

k

006B

50

sokius piskem awikellum kanem kan kane kēw kēw ka kijne peduklus pidokkjo pōdukje fruktus frukt radi:kem radi:ke radi:ki:na kortikem kortiŋe kōŋfisi kōrtisi kortikea korteθa kortettŋa kōŋfise kurtise skortea ekōs skōrtsa əskōrsə skwartse skoartsə kwan kotenna kođiə kodie konnə kojın karnem karne karne kərni karni karn karne saŋk krōh kornu: kōrn kwerno kōrno kōrnu kornu kōrn kwen kwa:r korn kaŋda kō kola koda kaŋde kaŋde kua kōw kōde kapillus kabejo kapello kabelu kəβelu kəβeł kapitia kaβeθa kavettsa kabese kəβese kap kap o:rikla orekkja ureke okulus əkkjo bukka boka bokka bokə bokə bokə bək bukə kambə pəkol genikulum đinokkjo pantikem kollum ku kwejo kollo kōlu kōlu kōł ko kwel pektus kor kōx kwəre kōx kor kor ku: kūr fi:ka:tum fikat solikulus akkwa lakum lak łak lak saksum ka:li:ginem kalina kalidžine kalizēj kəlizēj kajkia kajlum fokum fwoko fōk fu:k fok kinerem kammi:num kamino kammīno kamjnu kēmjnu kəmi komedere komer kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kōspy kuspīx kuspīr eskupir əskupi skuja ski:re kogno:skere kōnetx konoθer konoffere kōnesəx kupiser kunēj kinōh kōposi kunqafte kō:gita:re kŋide kwidar kođitare kuzita: kuzitar kujda kuđgeta kŋēdŋ neka:re neka makta:re okki:dere əksi: uksi kaptia:re kaθar kattfare kasax kesar kōsa seka:re kurta:re kortar kōtax kurtar ekskurta:re ekurte skortare skurta: skurta skindere raskar ɤafkax ɤəfkar raska kosał kusar kawa:re kabar kavare kəva: kəvar kəba ekskawa:re eskabar skavare iŋkəva: iŋkəvar kaminar kamminare kəminax kəminar kəmina ekstendere ekstender ekstinde jake:re kadere kaer kadere kəir kəir kawrə kadə ekspremire ekspremir skreme appektora:re frika:re freka frikta:re ekstergere eksu:ka:re uska jakta:re lankea:re e:runka:re arankar aruŋka kō:nsuere kudx koser kufire kuzer kuzer kuzi kō:z kuzi komputa:re kōte kontar kontare kōtar kōtar kumta kōte konta: di:kere ekspō:nere kanta:re kantar kantare kētar kētar kənta kinta jōka:re đokare zuka flu:ktua:re flyktŋe fluktua kōla:re kule kolar kolare koax kuar kuła kōle ekskurrere eskurir skorrere iŋkōvəx iŋkurer əskorə skori: skurđe kurrere ku:ix korer korrere kōvəx ku:er korə kōri kori kurđe glakia:re inglakia:re konflare intume:skere kre:skere kəwatx kreθer kreffere krese: křiŋser krefə krefte krema:re krame kemar kremare kəjmare kəjma: kəma inkendere okə alkuno paŋkus poko pōko powku powku pōk pōk lunk łark lark krassus pekejo pekenu pikenu pikkolo kurtus ku: korto korto ku:tu kurtu kurt ku: kurt striktus de:lika:tus delikato dəlikat kalidus kaldo kaldo kawdu kaldu kał kald rekentem vėkkjo spōrko ispurku iŋpurku spōrk spurk di:re:ktus aku:tus sikkus sek seko sekko seku seku sek sek sek korrektus korretto proksimus wi:ki:nus kirka θerka dekstrum vermikulus krokeus krotŋeo grōk katx kwatro kwattro kwatru kwatru kwatrə kwat kwatri sēk θinko ʃiŋkwe siku siku siŋk sēk ʃiŋk ekkumhi:k aki kwi aki əki aki aki illa:k ki ki ki ki: kwi kjen kēj kēj kwa ke ke ki ki kē kwe: kō kwando kwando kwēdu kwēdu kwan kwand kwant kind kōmā komo kome komu komu kōm kōmē kum nek kum kon kon kō kō ku avek sik kə ke ke ki ki kə ki: ke kə

l

006C

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mulierem animalia alimapa nema:l awikellum uttfello uttfel peduklus pedoli arbol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pa:l folia ərel flo:rem fləx flor flox flor flō floer flor: floare pellem pjel pelle pēli peli pjel pjele kola plu:ma plym pluma plomə plōm plumə pilus pwal pelo pelo pelu pilu pēl pwel pe:l kapillus kapello kabelu kəβelu o:rikla orele okulus voli gula gōel gola gola gōlə gōle ungula ōgl əŋgule petiolus peθiolo pitfōlo pəkol genikulum đenoli a:la el ala ala alə el ale kollum kollo kōlu kōlu kwel spatula epol espalda spalla spal spale alma alma almə so:lem sol sole sōl solikulus sōlej sōlə soreli lu:na lyn luna luna lue lue lōn lune lunə ste:lla etwal stella istrelə iŋtrele əstəl stōel stele pluwia plŋi plužə plef ploje plōaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak sa:lem sel sal sale sal sal sa:l lapidem laude lapide sabulum sabl savalōn sabula pulwerem polvere pōlvar pulbere pulwus polbo pols nu:bilus nublo nuvola nuvol nu:l ka:li:ginem kalina kalidžine kalizēj kəlizēj nebula njebla newlə nyjl tinjeblas kajlum sjel θjelo ʃjelo sel ʃji:l gelu: zel jelo đelo glas glas gləs glatŋe lingʷa lāg lengwa lingwa ligwə ligwə lēv ʻlengə limbə suffla:re sufle sufle sofla: sufla uldi: olere oler olire ulura fləx flōjra pulsa:re pulsare pulsa: pulsa ta:lia:re jugula:re zygye jugula:re wola:re vole bolar volare bula vōle zvolare zvola: leva:re ləve levare levax livar ləve leva: lua alθar altsare əlsa alŋa: lawa:re lave laβar lavare levar levar lave lava: la limpida:re limpiar lipar lipar pulsa:re pulsare pulsa: pulsa lankea:re lāse lanθar lanŋare lēsa lēsar lanci: lanŋa: liga:re lie legar legare lji: lea: lega lu:dere ludir flu:ktua:re flyktŋe flugtwar fluttuare flutuax flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwix flwir flui kōla:re kule kolar kolare kōle gelare zōle elar đelare zilar zilar zōla đale glakia:re glase glōsa glatŋa: inglakia:re inflare əfle imfla ēfle enfla: umfla konflare gōfle gōfle zglonŋa: flamma:re flame flama: flagra:re flagwə flagrar flagrare flagxax flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno əlgu alter altro altrə altri alt alius longus lō longo lungo lōgu lōgu lō lunk lung largus laxz laryo largo laxgu largu lark larg la:tus le lato lato latu latu lat amplus əpl amplə lurdus lu: lerdo lordo lerdo lerdo pitulus pikkolo piŋful de:lika:tus delyađo delikato dəlikat subti:lem sutil sottile suptil suti:l kalidus kaldo kaldo kaldu calt kald ple:nus plē plē plēn plin wetulus malus mal malo malo mal ma:l lwētē lontano lontan vermikulus galbinus galben amarellus əmarelu əmerelu albus albo albo alvu alb alb illa:k la la la la la la

Appendix 4 - Words containing each segment

m 006D

27

fe:mina fam embra femmina femev femjv fembra fœm femine femeje mulierem muxer mołle mułek mułer mułe muir
mujere domina dam dam dōamnā infantem mari:tus maki mariđo marito maridu mēriđu marit mari:t mērit ma:trem mek
madre ma:dre mēj mēj marə mer mari animalia omaj alimajna nema:l nəmajə piskem awem awikellum passerem kanem
serpentem wermem berme verme vəkmi vermi vəm vjerme arborem se:men seme sementis sēmās simjente semente
semēŋi simēti sāmen simēs sementŋe sāmintŋe gra:num ra:di:kem kortikem flo:rem gra:men gʷamen grama grēmē grēmē
gram fu:nem restem pellem karnem sangʷinem ossum adepem o:wum plu:ma plym pluma pjuma plomə plom plume
dentem pedem gamba gamba kambə jambe gambə genikulum manum mē mano ma:no mēw mēw mē maŋ minə
wentrem pantikem kollum dorsum anima am alma alma awmē almē am anime inimə fika:tum so:lem flu:men fjume
flumi flumi flum lakum mare mek mar mare mak mar mar mer ma:r mare sa:lem saksum lapidem sabulum pulwerem
ka:li:ginem fu:ma:ta fyne fumata fuma:ta fumase fumase fumate kajlum wentum niwem fu:mus umo fumo fumu fumu
fum fum fum fokum kinerem kammi:num ŋamē kamino kammino kamiju kemiju kəmi ŋimē montem mō monte monte
mōŋi mōti mun mō mōnt munte monta:nea mōtaŋ montajə montajja mōtēŋə mōtēŋə muntajə mōtaŋ mōntajə noctem
diurnum annum no:men no:me nomi nomi nōm nume no:minem nombre limbə komedere komer kome kumer manduka:re
māzə mandukar mandžare mēzə mēzə mərza maji: majja: minka morde:re moxəx morđer mōrdere moxəx murđer
mwardi morsikare moskar morsikare musəga musəgar murseka womere vomix vōmere vō:mi vōame simsi time:re
temer temere temek timer temə temi teme tremere tremer tremare tremek trimer trima: dormi:re dōxmix dormir dormire
dōxmix durmir durmi dwaŋmi durmi: dormi mukix morir morire moxəx muker muri mōri muri: muri makta:re mate
matar matax metar mōta matja: ŋəmine kaminar kamminare kemijax kemijar kəmina ŋimine camina: makŋe ma:ŋŋi:
mergere mērdžere merđe ambita:re tumbax tumba tume eksprimere ekspremir spremere iŋprəmek iŋprəmer əspremə esprimi
skreme limpida:re limpjar impingere impindžere əmpēŋə impindže komputa:re kumta numera:re numera numera: numara
imfla umfla intume:skere entumeθer itumeser itumeser krema:re kəame kemar kremare kəjmare kəjmax kəma flamma:re
flame ŋjammare flama flama: omnis multus mu muŋfo molto mūjtu mūjtu mol molc mult magnus majo majjo grandem
majjo:rem mare amplus ampjo amplə strimt minu:tus māny menudo minuto miudu mənūt minu minut mərunt
subti:lem rekentem malus mal malo malo maw maw mal mō: mal putrem hebetem sua:wem u:midus umido umid umed
proksimus proximo prōssimo prosimu prosimu proizme prosim dekstrum sinistrum vermikulus vəkmej bermexo vermiłło
vəwmełu virmejłu bərmeł wiridem amarellus amarijo əmarelu əmərəlu ekkumhi:k kʷem kʷo:modo kōmā komo kome
komu komu kəm kōmē ŋemut kum kum

n 006E

13

no:s nu nos no:i nojs nōŋ no no: noj fe:mina femmina femine domina dōnna done done dōnə dōne dōamnā infantem
infante fante nijo nino nenēj nenēj nen sponsa sponsus animalia nema:l nəmajə kanem kan kane can kijne serpentem
serpjente serpente sarpen sarpint se:men sementis simjente semente sāmen sementŋe sāmintŋe gra:num gʷen grano grano
grin gran frondea frondza frunzə ra:di:ki:na ʷasin řesen řədəŋina gra:men gʷamen fu:nem fune funje kwan kotenna konnə
kojin karnem karne karne kəŋni karni karn karne wi:wenda bibjenda vivanda sangʷinem sangwe sinđe kornu: kōŋn
kwerno kōrno kōŋnu kōrnu kōrn kwen korn penna pen penna penə penə panə na:sus ne naso na:so nas ne
nas nas nariθ nariŋe naris neriŋ nari:s dentem djente dente dint dinte ungula ungja ungje perna pjerna perno pəŋn
pəŋn pəŋnə genikulum zənu inoxo đinəkko zənoł đenoli đenunkʷ manum mano ma:no minə wentrem bjentre bentə
vintri vintre pantikem panθa panŋa pantse pintŋe intera:nea entrajə əntrajə sinus seno seno sen san pwaŋin pwetrin
anima anime inimə lu:na lyn luna luna lūnə lōn lune lunə flu:men hare:nə arena ərenə aren arinə savaln nu:be:s ny
nube nube nuvēj nuvēj nu:bilus nublo nuvola nuvol nu:l nor ka:li:ginem kalina kalidžine nebula njebla nebbja nevwə
nevwə newlə njyl negurə tene:braj tē:nebre tene:bra:s tenebɔ tinjeblas tē:nebre tənebrəs wentum bjento vento ben 'vint
vint niwem njebe neve nevi nevi new nivaj nef ŋa kinerem ŋenere sendrə θeniθa ŋfinize ŋenuŋə kammi:num kamino
kammino montem monte monte mun mōnt munte monta:nea montajə montajja muntajə mōntajə noctem npi noŋe
notte nojtī nojtī nit nyt nqapte diurnum djurno đorno zorn zəŋna zəŋna diurna:ta zʷəne xornada đornata đornade
annum anno enu enu an no:men nō no:me nomi nomi nōm nō nōŋ nume no:minem nombre lingʷa lingwa 'lenge
manduka:re mandukar mandžare minka konspuere kogno:skere kōnetɔ konoθer konoffere kunəŋ kinɔh kunqafte pe:nsa:re
pensar pensare pənsa senti:re sentir sentire sənti sinti: neka:re nwaje nəga neka anegar annegare pugna:re skindere
findere findere ender fəndere fəndə pungere punđere punđe nata:re nadar nwotare nadax nəðar nəda nada: naviga:re
naze nabegar navigare naviyax nēviyax nəbəga nēđi: naviga: naviga ŋəmine kaminar kamminare kəmina ŋimine camina:
andar andare weni:re vōnix benir venire bəni vini veni ekstendere ekstender estendere əstendrə ekstinde sedenta:re sentar
senta: torna:re tuŋne tornar tornare toŋnax turnar turna tu:rne torna: turna dona:re dōne donar donare duna dine dona:
tene:re tənix tener tenere təni tini ŋine stringere stringere strengi: strindže impingere impindžere impindže
lankeare lanθar lanŋare lōnsa lanci: lanŋa: ɛrunka:re arankar arronŋare konsuere kontar kontare konta: numerare nōbɔ
noverare numera numera: numara ekspō:nere spune kanta:re kantar kantare kənta canta: kinta inglakia:re ingetsa infla:re
inŋar enfiare enfla: konfla:re gonŋare intume:skere entumeθer inkendere enθender inŋendjare isendžar ənsendrə inŋindže

omnis tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk
lung anſo 'pittinus pitfino pekenu pikenu putsin angustus angosto angusto minu:tus many menudo minuto manut minu
minu:t marunt rekentem reſjente reſjente retsint plenus leno pj:eno plen plin nowus nuvo nweſo nowo novu novu now
nowe now bonus bweno bwa:no bon bon bun rotundus redondo ritondo taront ratund nitidus net niſio netto neſu neſu
net net neted wi:ki:nus beſio viſino viſin veſin lontano lunta lontan sinistrum ſoneſtr ſinjestro sinistro galbinus zon
ſgen galben u:nus uno uno
un unu k^wi:nk^we ōinko ſfinſ kjen ſfine k^wando: kwando kwando kwan kwand kwant kind no:n nō no non nēw̃ nēw̃ no
nō no nu nek ni ni ne nēj nēj ni nē in en in ən in deintus dins kon kon

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p 0070

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Appendix 4 - Words containing each segment

powku powku pək pō po:k amplus āpl ampjo amplə spissus epe espeso spesso ispesu ifpesu əspēs spē pittitus pəti pətit
piti 'pittinus pekeņo pittjino pekenu pikenu putsin pitulus pikkolo piľful suptil ple:nus plē pjē:no pte plē plēn plin putridus
pođriđo putrido puđrit putred putrem pođre podri pođri spurcus spərko ispurku ifpurku spərku spurk drept proksimus
proximo prəssimo prosimu prosimu proizme prosim adpropre əprəp aprəape pressus prē presso prē patru

R 0072

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mulierem muir mujere mari:tus marito mari:t mərīt mā:trem mā:dre mer mari patre pā:dre pər pari passerem passero
serpentem serpente sərpen sjerpē sarpint wermem verme vjer vjer vjerme arborem arbul arbore fruktus frutto fryt frut
frukt gra:num grano grin gran griw frondea frondza ra:dikem raiθ ərel ra:di:ke radi:fe ra:di:ki:na řesen řədəřinā kortikem
kortife kortikea kortetřa skortea skortsa əskorsə skwartse flo:rem floer flo:r herba erba erbə jarbe gra:men restem řesta
karnem karne karn řar car krōh kornu: korno kōrn kwar korn o:rikla orekkja orele ureke nari:fe na:řis perna perno
pernā piřfjor wentrem vintri vintre intera:nea dorsum pwetrin kor kwore kōr kur: soreli ri:wus rio rio riw ře riw ri:paria
rivi:r mare mare mar mer mār mare sare petra pjē:tra pjē:re hare:na aren arinā sorā pulwerem polvere pōlvar pulbere
terra tjera tērra tērā tjere tsarā nor negurā tene:braj tē:nebre tene:bra:s tē:nebre sir đer kinerem řenere řendrā stra:ta
strada diurnum đorno diurna:ta đornata dzornade bibere komedere manduka:re morde:re mōrdere mwardi morsika:re
morsikare musəgar murseka su:gere konspuere sputere womere vōmere suffla:re soffjare respi:ra:re respirar respirare
respira: ri:de:re reir ri:de:re riwřa ridi wide:re ađi:re ski:re sapere sapere kogno:skere konoffjere ko:gita:re kođžitare pēnsa:re
senti:re sentire ole:re olire odo:ra:re odorare fra:gra:re fragrare time:re temere tremere tremare trima: dormi:re dormire
durmi durmi: dormi wi:were vivere morire muri: muri neka:re annegare tu:ta:ri makta:re okki:de:re pugna:re puņņare
battuere battere kaptia:re katřare pulsa:re pulsare sekare segare kurtare ekskurta:re skortare skurta: skurta ta:lia:re tałłā:re
di:widere dividere skindere řindere řindere řendere parti:re partire pərti parti: se:para:re separare separa: separa pungere
pundžere jugula:re jugula:re ra:de:re raer radere rawrā rada: rade rasar rasare řeza rasa: raskar řeska fodere kawa:re kavare
ekskawa:re skavare nata:re naviga:re navigare wola:re mergere mērdžere mērdžere ambita:re andare weni:re ekstendere
estendere jake:re đžere sedere sedere sedenta:re sta:re stare leware leware altsare torna:re tornare turna tu:rne torna: turna
gyra:re đžirare đžira: virare đžira: torkwē:re tōřfjere turser turser tōrsə tōartfe kadere kawrā dare dare dar dona:re donare
tene:re eksprimere sprēmere iřprēmē iřprāmer esprimi skreme serrere serar sōra serare řerar serrare appekto:re stringere
strindžere əřtrizir əřtrizir stringe strēngi: strindžere frika:re fregare froj frea freka frikta:re frettare frisar lawa:re lavare
tergere terđžere ekstergere əstərzi řterđžere eksuka:re ařřugare limpida:re tira:re tirare tire tira: pulsa:re pulsare trahere trarre
traj trađžere impingere impindžere jakta:re đžettare lankea:re lanřfare e:runka:re arankar arronřfare liga:re legare apta:re
ko:nsuere kufire komputa:re kontare numera:re noverare numera: numara di:kere dire ekspo:nere sporre kanta:re kantare
lu:de:re jōka:re đžokare flu:ktua:re fluttuare fluita:re fluitare fluere fluire kōla:re kolare ekskurrere eskurir skorrere əskorā
skori: kurrere korer korrere korā kori gela:re đželare glakia:re gjattřfare inglakia:re inflare enfiare konfla:re gonřfare
intume:skere kre:ske:re kreffjere krema:re kremare krōma flamma:re řjammare arde:re ardere flagra:re flagrare inkendere
intřendjare ustula:re ustolare ustura alter altro altri grandem grande gran grant majjo:rem largus largo lark larg krassus
grasso gras gras gurdus grossus grōsso grwēs gros grawis greve grav grevi lurdus lordo kurtus korto kurt brewis řreve
striktus stretto stret strimt mərunt subřire fri:gidus freddo řrēt rekentem reřjente reřfente r
etsint řeffe putridus putrido putred putrem sordidus řordido spurcus spərko spərku spurk di:re:ktus dritto drō: drēt drept
rotundus redondo ritondo řado řō tarōnt řatund retu:sus retuzo korre:ktus korretto proksimus prəssimo prosim adpropre
aprəape pressus presso prē kirka dekstrum řestro đjēstri řinēstri řinēstro řiņēstri russus roxo rosso ros řōs vermikulus
vermiłło řermēł rubeus rubjo řōbbjo rubeo rubeo ruđžere řōř řōjb wiridem verde řert amarellus krokeus krowfe tre:s tre
trēs trō: 'tre: trej kwattwor kwattro kwatri patru

S 0073

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no:s nos nōjs wo:s bos vōjs bus vos usted vose vōse voste sponsa esposa spōza ispoza əspōzə mari:tus sponsus esposo
spōzo ispozu əspōs spō:s sokius sōřo sots be:stia biēs bis piskem pēs pwasō useł passerem passero paseru paseru pasere
peduklus serpentem serpā serpjente serpente serpēři sirpēti sərpen sjerpē sarpint silwa selba selva řewwa řelwe selba
selve pa:lus fruktus se:men seme sementis řemās řimjente semente řemēři řimēti řāmen řimēs sementře řāminřā řrōřē
řrōřē řais řasin řesen kōřřisi kōřřisi kōřřise kurtise skortea ekōřs skortsa əskorsə hwēs skwartse skōartsa restem řista
řesta řangwīnem řā řangre řangwe řēgi řēgi řaņ řōg řaņk řindžere ossum řs weso řsso řsu řsu řs řwēs řs řwēs řasa
pilus kapillus kavetřsa kabese řēřese řřes řesta řesta řeste řestā řřes řeste řēastā okulus na:sus naso na:řo nas na:s nas
naris na:řis petiolus pās pēřē pēřē pās dorsum dōřso řos řwes spatula espalda spalla əpałłā řpal řpale řpate řinus řē
řeno řeno řeju řeju ři řen řan řektus řō:lem řol řole řōw řōł řōł řōare řolikulus řōlej řōł řōreli řte:lla řtreja řtella
řtrele řtel řtel řteł řteł ři:wus řā:lem řel řal řale řaw řal ře řā: řare řaksum řasso řeřřu řeřřu řabulum řabl
řajřru řajřru řorā řavjō řavalōn řabula řabbja pulwus řols řu:be:s řu:bilus tene:bra:s řinjeblas řreves řānebrās řumase
řumase řjel řew řew řel řir řlas řlas řles řu:mus řāđk řendrā řēt řiřē řiřē řtra:ta řtrada řtrada řtrade řie:s morsika:re
moskar morsikare musəga musəgar musəya murseka su:gere řyse řugā řugar řysi: řuđžere konspuere kōřpye kuspīř eskupir

Appendix 4 - Words containing each segment

askupi skujpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle soflla: sufla respi:ra:re respirar respirare ʁespirar
 rɛspira respira: ski:re sapere savwaʁ saber sapere sabɛʁ seber sɔʁɛ savø:ʁ save: kogno:skere kɔnɛsɛʁ kʉniser kɔnɔsi
 pɛnsa:re pɔsɛ pensar pensare pɛsɔʁ pɛsar pɛnsa pɛsɛ pɛnsa: pɔsa sentire sɔtiʁ sentir sentire sɛʃiʁ sɛtiʁ sɔnti sɛti sinti:
 simtsi ɔksiʁ uksi fase kasɔʁ kɛsar kɔsa ʃɛsi: pulsa:re puse pulsare pulsa: pulsa sek:re sje segar segare segɔʁ siʁar sɔʁa
 sea: ekskurta:re skortare skurta: skurta skindere sɛdɛ sɛpara:re sɔvɛ separar separare separɔʁ sipɛrar sɔpɛra separa:
 separa rasar rasare rasa: raskar rɔska kosaʃ kusar ekskawa:re eskabar skavare ekstendere ekstender estendere istɛdɛʁ
 ɔstendrɔ ekstinde jesi sɛdɛ:re swaʁ sɛr sedere sɛʁ sɛr sedenta:re sentar sɛtar sɛtar senta: sta:re estar stare ɔsta ɛs sta: sta
 ose aʃsa aʃsar ɔlsa hɔ:si: turser turser tɔrsɔ segurar siguraʁ siʁurar eksprimere ekspremir spremere ɔspremɔ esprimi
 skreme serrere serar sɛʁa sɔrar sɔra serare sɛʁe serrare siʁar siʁar sɛre stringere estreɲir strindʒere ɔstreɲɔ stringe strɛngi:
 strindʒɛ frisar frɛsa ekstergere estarsir ɔstɔʁʒi eksu:ka:re esɟije suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa
 lɔsɛ lɛsa lɛsar lɔnsa kɔ:nsuere koser ɔpase ekspon:ere sporre spune ekskurrere eskurir skorre ɔskorɔ skori: skurdʒɛ glase
 glɔsa intumɛ:skere itumeser itumeser kre:ske:re kreseʁ kɛiʃsɛr ɛsɔdʒɛ isendʒiar isɛdʒar ɔnsendrɔ ustula:re ustolare ustura
 omnis to:tus multus tantus paʃkus alius magnus longus largus la:tus amplus krassus graso grasso gras gras gras spissus
 espeso spesso ispesu ipesu ɔspɛs spɛ gurdus grossus grɔsso grosu grosu grɔs grwɛs gros grawis lurdus pittitus 'pittinus
 pitulus kurtus brewis angustus angosto angusto ingust striktus estreʃo stretto istrejtɔ ɔstɛt stɔʁ: stɛt strimt minu:tus
 de:lika:tus subti:lem sutil sottile sufɪw sufɪw suptil su:ti suti:l subtsire kalidus fri:gidus kɛsɛʃi kɛsɛʃi ple:nus nowus
 wetulus bonus malus putridus sordidus sordido s

ordidu sordidu spurcus spɔrko ispurku spɔrk spurk di:re:ktus rotundus aku:tus retu:sus sua:wem soave suaw nitidus
 u:midus u:du:s sikkus sɛk sɛko sɛkko sɛku sɛku sɛk sɛʃ sɛk sɛk korre:ktus proksimus prɔssimo prosimu prosimu prosim
 pressus presso wi:ki:nus dekstrum djestro dɛstro dɛstru dɛstrɔ djestri sinistrum sɔnɛstɔ sinjestro sinistro sɛʃtru sɛʃtru
 sipestri russus rosso ros rɔs vermikulus rubeus galbinus amarellus krokeus albus u:nus duo:s dos dojs dos duas duɛs tre:s
 tres tres tres sɛk siku siku sɪnk sɛk kʷis deintus dins sɪk si si si si si si si

t 0074

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tu: ty tu tu tu tu ty tu tu usted voste infanтем infante fante ifɛti mari:tus marito marit mari:t mɔrit ma:trem patre
 tata tata tata tata tata tatɔ be:stia pɛstɛ utɟello serpentem serpjente serpente sirpɛti sarpint fru:ktus fruto frutto frutɛ
 frutɛ frujt fryt frut frukt sementis simjente semente simɛti kortikem kortiʃɛ kortisi kortikea korteʁa kortetɟa kurtisɛ
 skortea restem rista resta ʁɛʃti kotenna kapitia kavɛtsa testa tɛt tɛsta tɛstɛ tɛʃtɛ testɔ teste tɛʒastɔ dentem djente dente
 dɛti dint dinte pit petiolus pitɟolo wentrem vɔtɔ bjentre bentrɔ vɛt vintri vintre pantikem pintɛʃɛ intera:nea ɔtɔʁaj
 entrɔʁa itrɛɲɛ ɛtrɛɲɛ ɔntrɔʁɔ spatula spate pektus petto pejtɔ pejtɔ pit pet pjept pwatɔin pweɲtrin fi:ka:tum fegato fɛt
 fiʃa:t fikat ste:lla etwal estreja stella istrelɛ iftreɛ ɔstɛl stɛl ste stɛa la:t petra pje:tra pjatrɔ terra tɛʁ tjera terra tɛʁɛ
 tɛʁɛ tɛrɔ tɛʁ tjere tene:braj tɛ:nebre tene:bras tenebɔ tinjeblas tɛ:nebre treves trevɛʃ tɔnebrɔs fu:mata fumata fuma:ta
 fumate wentum bjento vento vɛtu vɛtu 'vint vint gɟatɟa sɛt stra:ta estrada strada istradɛ iftradɛ montem monte monte
 mɔti mɔnt munte monta:nea mɔtɔʁ montɔʁa montajɲa mɔtɛɲɛ mɔtɛɲɛ muntajɔ mɔtɔʁ montajɛ noctem nɔtte nojti nojti
 nit nyt nɔt nɔapte diurna:ta dʒornata sputere esputar sputare ʃti kɔnɛtɔ kunʒastɛ kɔ:ɡita:re kɔdʒitare kuzitaʁ kuzitar
 kudʒɛta senti:re sɔtiʁ sentir sentire sɛtiʁ sɔnti sɛti sinti: timɛ:re temer temere temɛʁ timer temɔ temi teme tremere tremɛr
 tremare tremɛʁ trimer trima: tu:ta:ri tɟɛ tuwe makta:re mate matar mataʁ mɛtar mɔta utɟidɛre battuere batɔ batir battere
 bateʁ bɛtɛr batrɔ bate bati bate kaptia:re katɟare kurta:re kortar kɔtɔʁɔ kurtar ekskurta:re ekurte skortare skurta: skurta
 ta:lia:re tɔje taxar ta:la:re ta:laʁ tɛlaʁ tɔla tɛji: taja: tɔja fɛt parti:re pɔktiʁ partir partire pɛrtir pɔrti pɔ:rti parti: nata:re
 nɔwtare ambita:re ekstendere etɔdɔ ekstender estendere istɛdɛʁ iftɛdɛr ɔstendrɔ ekstiinde sedenta:re sentar sɛtar sɛtar senta:
 sta:re etɔ estar stare iftar iftar ɔsta sta: sta torna:re tɔʁne tornar tornare tɔʁnaʁ turnar turna tu:rne torna: turna tɔrkʷɛ:re
 tɔʁdɔ tɔrɔɛr tɔʁʃɛre turser turser tɔrsɔ tɔarɟɛ tɔbe tumbɔ tɔbaʁ tɔbar tumba tume tene:re tɔniʁ tener tenere tɛʁ tɛr tɔni
 tini tinji appektora:re apɛtar ɛpirtar ɛpirtar stringere etɛdɔʁ estreɲir strindʒere ɔstɛɲir ɔstɛɲir ɔstreɲɔ stringe strɛngi:
 strindʒɛ frikta:re fɔtɛ frotar frettare fɔtɛ tergere tɛrdʒɛr ekstergere estarsir ɔstɔʁʒi ʃterdʒɛ tira:re tiʁɛ tirar tirare tirar tira
 tire tira: trahere tɔʁɛ trarre traze trezer trewɔr traj tradʒɛ jakta:re ʒɔtɛ dʒettare ʒɛjtɔ ʒejtar xita dʒɛte apta:re atar ɛtar
 ɛtar komputa:re kɔtɛ kontar kontare kɔtar kɔtar kumta kɔtɛ konta: kanta:re ʃɔtɛ kantar kantare kɛtar kɛtar kɔnta ʃɟɔtɛ
 canta: kinta flu:ktua:re flyktɟɛ flugɟwar fluttuare flutuɔʁ flutuar fluktua fluctua fluita:re fluitare gɟatɟare intumɛ:skere
 entumɛɔɛr itumeser itumeser kɔwatɔ kreʃtɛ ustula:re ustolare ustura to:tus tu todo tutto todɔ todɔ tot tɔ dut tot multus
 molto mɔjtu mɔjtu mult tantus tanto tanto tɛtu tɛtu tant tanc alter otɔ otro altro owtru owtru altrɔ ɔt altri alt grant
 la:tus lato lato latu latu lat pittitus pɔti pɔtit piti 'pittinus pittino pitulus kurtus korto korto kuɟtu kurtu kurt kurt
 angustus angosto angusto ingust striktus etɔwa estreʃo stretto istrejtɔ iftrejtɔ ɔstɛt stɔʁ: stɛt strimt minu:tus minuto
 mɔnut minut mɔrunt de:lika:tus delikato dɔlikat subti:lem sutil sottile suptil su:ti suti:l calt frɛt frɛt rekentem reʁjente
 reʃfente retsint wetulus putridus putrido puɔrit putred putrem di:re:ktus dritto dʒirejtɔ diɛjtɔ dr

et dɛt dɛpt rotundus ritondo tarɔnt rɔtund aku:tus ɔɡut hebetem ɛbete retu:sus retuzo nitidus net netto net net neted
 korre:ktus korretto lwɛtɛ lontano lɔnta lontan dekstrum djestro dɛstro dɛstru dɛʃtru dɛstrɔ djestri sinistrum sɔnɛstɔ
 sinjestro sinistro sɛʃtru sɛʃtru sipestri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri sɛstri
 kwattro kwatru kwatru kwatrɔ kwat kwatru patru kwant ʃɛmu:t deintus et

Appendix 4 - Words containing each segment

U 0075

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nu vu bus tu tu tu tu tu tu tu usted mulierem muxer mułex mułer mułe mui:r mujere epuz mari:tus maridu meriðu sponsus epu ispozu ifpozu sokius awikellum uttfello useł uhe uttfel paseru paseru peduklus pu piołu piołu pju pədukje arvuri arbul pa:lus fru:ktus fruto frutto frute frute frujt frut frukt gra:num fułā frunzā kurtisē fune funje ossum osu osu o:wum ovu ovu u koꝛnu kornu kua pluma pjuma plume pilus pelu pilu kapillus kabelu keβelu urełā ureke okulus ołu ołu uj na:sus bukka buř bukā gula gurā ungula uņa ungja uņe uņe ɔŋgule ungje petiolus genikulum zənu zuełu zwełu đženunk^l manum kollum ku kolu kolu dorsum spatula sinus seju seju pektus pejtu pejtu kuř fi:ka:tum figeðu fiyeðu solikulus luna luna lue lue lūnā lune lunā pluwia jubja juve juve pluzā fjume flumi flumi flum ri:wus ɣiu lakum lagu layu saksum sejfu sejfu laude sabulum sajβru sajβru sabula pulwerem pudx pulbere pulwus nube nube nuvēj nuvēj nu:bilus nublo nuvola nuvol nebula negurā fumata fuma:ta fumase fumase fumate kajlum wentum vētu vētu fu:mus umo fumo fumu fumu fum fum fokum fogu foyu fjenufā kammi:num kamjru kemjru mun munte muntanā đzu diurnum zuř djurno diurna:ta zuřne annum ɛnu ɛnu nume kumer manduka:re mandukar murðer musəga musəgar musəya murseka sugař sugar cuca: suđe konspuere kuspiř kuspir eskupir əskupi skujpa sputere esputar sputare spuda: suffla:re sufle sufle sufla udire ui uldi: kupiser kuneř kunořfte kuzitař kuzitar kujda kuđeta ulura durmir durmi durmi: muřix muřer muri muri: muri tuwe uttfidere uksi uttfide pugna:re puņar puņpare puņa battuere pulsa:re puse puxar pulsare puřař puřar pulsa: pulsa kurtare kurtar ekskurta:re ekuřte skurta: skurta pungere punđere pupi punđe jugula:re jugula:re kusar bula zbura lua tuřne turnar turna turna turser turser tumbar tumba tume duar duna segurar sigurař siyurar affugare əřugar əřuyar əřuga suwe suja: uska pulsa:re puse puxar pulsare puřar puřar pulsa: pulsa e:runka:re aruņka ko:nsuere kudx kuřfire kuzer kuzer kuzi kuzi komputa:re kumta numera:re numera numera: numara spune ludir xugar zuyar zuga đzuwe đzujā: zuka flu:ktua:re flugtwar fluttuare flutuax flutuar fluktua fluctua fluita:re fluitare fluere fluir fluire flui kule kuar kuła ekskurrere eskurir ifkurer skurđe kurrere kuřix kuřer kurđe umfla intume:skere entumeθer itumeser itumeser ustula:re ustolare ustura to:tus tu tutto todū toðu dut multus mu muřo mūjtu mūjtu mult tantus tētu tētu alguno alkuno əlgu pařkus powku powku owtru owtru alius magnus longus lungo lōgu lōgu lunk lung largus lařgu largu la:tus latu latu amplus ɛřu ɛřu krassus grařu spissus ispesu ifpesu gurdus grossus grosu grosu lurdus luř pittitus 'pittinus pekenu pikenu putsin pitulus piřful kurtus kuř kuřtu kurtu kurt kurt angustus angusto iŋgust striktus istrejtū iftrejtū minu:tus menudo minuto miudu miuðu mənūt minu mərunt de:lika:tus dewgadu deřyaðu subti:lem sutil suřiw suřiw suptil suti:l subsire kalidus kawdu kaldu fri:gidus friu friu ple:nus řeju řeju nowus nuvo novu novu wetulus vejāu vełu bonus bun malus putridus putrido puđrit putred putrem sordidus sərdidu sərdidu spurcus ispuřku ifpuřku spurk di:re:ktus đžirejtū direjtū rotundus ředōðu řidōðu řətund aku:tus ařuðu ɛřuðu əgut retu:sus retuzo sua:wem suaw nitidus neđžu neđžu u:midus umido umid umed u:dus ud sikkus seku seku korre:ktus proksimus prosimu prosimu pressus wi:ki:nus vizjru vizjru lūnta dekstrum destru đřtru sinistrum řeřtru řeřtru russus řu řofu rořu vermikulus veřmełu virmeřlu rubeus řuž rubjo rubeo rubeo ruđe galbinus amarellu ɛmərəlu krokeus albus awvu u:n us uno un uř unu duo:s duaj due duas duēs duēř kwatru kwatru patru siku siku ekkumhi:k kwēđu kwēđu komu komu kum nu deintus kum ku avu

V 0076

19

vu voi vɔjs vɔř vɔř vos vo: voj vose vɔse voste avi avi veř verme veřmi vermi verm vjer vjer vjerme ařvori arvuri selva seřva seřve seřve ɛvne ɛvne vjād vivanda vivēda vivēde vves wɔvo ovu ovu řəvə đžive cavej řəve kavettsa voli vāř vēt vintri vintre juve juve řivjeř rivi:r savjđ savalɔn polvere polvar nuvēj nuvēj nuvola nuvol neřve neřve treves treveř vā vento vētu vētu vē 'vint vint neve nevi nevi nivaj vwa via vie vie voj lēv bevi vomix vɔmere vo:mi vɔame vwař vedere veř ver vi:r vjodi vedēa owviř owvir savwař savə:r save: vivx vivere viveř viver vivi via dividere đžividiř dividiř dividi divide səvne řəve kavare keřař keřar java: skavare ifkeřař ifkeřar zjava: naviga:re navigare naviyax neviyax naviga: naviga vole volare voař vwar vɔle zvolare zvola: vənix venire viř vir vini vjpi: veni levare ləve levare levař livar ləve leva: viře virare virar viře lave lavare leřar leřar lave lava: novare greve gravi gravi grav gravi breve brevi brevi nuvo nɔvo novu nɔve vjə vekkjə vejāu vełu veł vi: vjei vek^l soave vwazē vitfino vizjru vizjru vizē vitfin vefjin vermikulus veřmeř vermiliło veřmełu virmeřlu veř verde verdi verdi vert veř vert verde awvu alvu vi avek avu

W 0077

8

ew ew jew wo:s pwasō awem aw awikellum wazo wermem silwa seřva paw paw fwee hwes skwartse kwan wi:wenda sangwe weso vves o:wum webo wɔvo ɔw ow kwerno kwen kwar kɔw pwal pwel pēw zwełu wentrem kwejo kwel dwes ifpadwe ifpadwe pwatřin pwetřin kwəre awme fwa sɔw etwal ařwa akkwa agwe agwe ařwə ew pluwia ri:wus řiw řiw řiw saw pulwerem pulwus neřve neřve newlā seř seř wentum niřem new fwego fwəko wia vwa leŋgwa lingwa ligwe ligwe leŋgwə bwař beřwə mwardi womere riřwə widere vwař beřwə wiř owviř owvir savwař kwidar dwařmi wi:were biřwə nwaje tuwe di:widere pwēdē rawrə fwix kaware ekskawa:re nwotare wolare vwar wenire zawrə swař řwař kawrə lawa:re suwe treřwə zve đzuwe flugtwar flwiř flwir křwatē awgū powku powku owtru owtru aw

Appendix 4 - Words containing each segment

grwēs grawis grew grew brewis brew etḡwa dewgadu suḡfiw suḡfiw kawdu fḡwa fḡwe nowus nweḡo nḡw now wetulus bwenō bwō:nō maw maw dḡwa sua:wem suaw wiki:nus vwazē lwētē wiridem awvu dowā tḡwa kʷattwor kwatro kwattro kwatru kwatru kwatrā kwat kwatri ḡṽṽkwe kwi kwi kwa kwe: kwando kwando kwēdu kwēdu kwan kwand kwant

X 0078 35

muxer paxaro pjoxo oxa orexa oxo inoxo xornada puxar taxar xirar puxar xita xugar bjexo proximo roxo bermexo

y 0079 23

ty ty fryt plym lyn ꝛy ny njyl fyme nyt syse sysi: kōspyē zygylē gyra:re flyktꝥe flye mǣny

Z 007A 48

epuz spōza ispoza iḡpoze əspōzə spōzo ispozu iḡpozu wazo frunzə piez sīzə sīzə ḡṽṽnize zi aṽzi ʷaze ʷazax ʷezar rəza zḡjava: zvolare zvola: zburā zezix zezex zezet zəḡḡa traze trēzet kuzer kuzer kuzi kō:z kuzi dizer dizer zifḡe zgloṽfa: retuzo proizme vwazē viziju viziju

ḡ 00F0 49

mariḡo meriḡu maḡre paḡre iḡaḡo fiḡeḡu pjeḡra peḡre peḡrā iḡtraḡe morḡer murḡer diviḡir neḡar toḡu miuḡu deḡaḡo deḡaḡu poḡriḡo puḡrit poḡre poḡri aḡuḡo eḡuḡu niḡio

ō 00F5 58

pwasō peḡō frōsē frōsē ōḡl mōḡfi mōti mōtaṽ mōtēṽe mōtēṽe ōr tōbe tōbax tōbar kōte kōtar kōtar kōte ḡōfle ḡōfle pō ōt lōḡu lōḡu lō ḡō bō bō bō bō ʷō ʷedōdu ʷidōdu rō ō kō kō

ø 00F8 75

kø ʃəvø løn fø pø vjø dø

ĩ 0129 42

ifēṽfi ifēti iṽrēṽe sīzē size kamīnu ligwē ligwē əṽtrīzīr əṽtrīzīr lipar lipar ifar ifar itumeser itumeser isendḡiar isēdḡiar siku siku sī sī

ṽ 014B 72

saṽgre saṽ saṽk əṽḡule maṽ aṽ nḡṽ leṽḡwa ʌṽḡwə maṽja: peṽsa: aṽṽka zgloṽfa: ʌoṽ iṽḡust uṽ ḡṽṽkwe siṽk 'ḡṽṽk

œ 0153 31

fœm fœj floēx floer œf œj goel goej koēx foet stoel foe

ũ 0169 86

pūzix pūzīr mūjtu mūjtu awḡū aḡū ũ ũ

ƿ 0250 30

femeē femjē done done iḡpoze meriḡu biḡe biḡe paseru paseru sēṽe frute frute foḡe foḡe frōsē frōsē ʷeif kōṽḡise kurtise eḡvē eṽve ḡrēme ḡrēme kodḡie kodie vivēde ḡraḡe ḡraḡe kaṽde kaṽde penē penē ʷeḡelu kabesē ʷeḡesē testē teḡte oreḡe oreḡe nerif bōke bōke uṽe uṽe pēxne pērne zṽeḡu pēse pēse iṽrēṽe ēṽrēṽe iḡpadwē iḡpadwē awme alme fiḡeḡu fiḡeḡu lue lue istrele iṽtrele aḡwē aḡwē juve juve pedre peḡre areḡe eṽeḡe tēx tēx kelizēṽ nevwē nevwē trevēs trevēs fumase fumase sīze sīze viē viē istrade iḡtraḡe kemīnu mōtēṽe mōtēṽe die die enu enu ligwē ligwē seber metar beṽer kesar tēḡar pertir siṽerar ʷeḡ ʷezar ʷeḡkar ʷeḡax ʷeḡar iḡkeḡax iḡkeḡar neḡar neṽiḡar kemīnax kemīnar zezex zezet keir keir epirtar epirtar leḡar leḡar trezet etar etar erder eḡuḡu emarelu emereḡu dues dueḡ eḡi eḡi e

Appendix 4 - Words containing each segment

A	0251	67
pa ʃar am am fwa hare:na savjō bwax taje kaze gwa tɔwa		
Ā	0254	9
za nɔʃ vɔse dɔnna dɔnə dɔne spɔza əspɔzə spɔzo əspɔs sɔʃo pɪdɔkkjo ɔp ɔʎʎa kɔʃʃisi kɔrtisi skɔrtsa əskɔrsə ʎɔ ɔs ɔsso ɔs ɔhe krɔh wɔvo ɔw kɔn kɔno kɔrn kɔw kɔde plɔm ɔrej ɔkkjo bɔk bɔce gɔle ɔŋgule pɪtʃɔlo dʒɪnɔkkjo ɲɔ kɔlu kɔlu kɔʎ dɔsso kwɔre kɔx kɔr sɔw sɔʎ sɔʎ sɔʎ sɔʎ savalɔn pɔlvar pɔ pɔ fwɔko ɔk mɔnt mɔntajɛ nɔtte ɲɔt zɔʎna zɔʎna nɔm nɔŋ mɔrdere vɔmere kɔnetɔ kinɔh dɔʁmɪx mɔri ɔksɪx vɔle tɔʁdɪx tɔʃʃere tɔrsə dɔne kɔle kɔri tɔ pɔko pɔk grɔsso grɔs nɔvo nɔw nɔve bɔn bɔn sɔrdido sɔrdidu sɔrdidu spɔrko spɔrk tarɔnt prɔssimo ɔpɔp ɔs rɔbbjo rɔʃ grɔk kɔmɔ kɔm kɔmɛ		
Ə	0259	4
zə dɔnə dɔamɔnə əspɔzə mɔrit əspɔs marə parə tatə nɔmajɛ pasərə pɔdukjɛ sɔrpen abrə sɔmɔs sɔmen sɔminʃə fuʎa frunzə ɔrɛl rɔdɔʃɪnə əskɔrsə skɔartsə erbə jarbə kɔnnə ɔqadə plɔmɔ pɛjə panə pɔr ʃɔvɔ kəbɛʎ ʃɔvɛ testə tɛʒastə urɛʎə bɔkə bukə gɔlə gurə kambə gambə pɛrnə zɔnu zɔnoʎ minə ɔlɔ bɛntrə pɔpʃə ɔntrɔjə əspɔʎʎə inɪmɔ fɛdʒə ʎunə lunə ɔstɛl ɔjɔwə ɔpə pluʒə pɛdɔrə pʃatrə ɔrenə arɪnə sorə tɛrə tsarə newlə negurə tɔnebɔrs ʃɛʎʃə ʒeatsə sɛndrə ʃɛnuʃə biə ʃɔmɛ kəmi muntɔjə diə ʎɛŋgwə limbə bɛwɔrə mɔjɔzə musəgə musəgar musəɣə əskupi rəspira riwrə bɛwɔrə sɔʃɛ kunɛʃə pənsa pəsa sɔnti flɔjɔrə temə biwrə nəgə mɔtə batrə kəsə səɣə tɔʎa tɔʎa fɛndrə pɔrti sɔvɛ sɔpərə rawrə rəzə rəska ʃɔvɛ kəbə nɔdɔ nɔbəgə ʃəminɛ kəminə vɔnɪx bɔni ɔstɛndrə zavrə zəʃɛə ɔstə ləvɛ ʎəbɔ ləvɛ əlsə tɔrsə kawrə kədɛə tɔnɪx tɔni ɪʃprəməɪ ɪʃprəməɪ əsprɛmɔ sɔrar sɔrə ɔʃtrɪʒɪr ɔʃtrɪʒɪr ɔstrejə frəgə frəsə ʎəbɔ ɔstɔrʒi ɔʃuga trɛwɔrə ɔmpɛjə zɔtɛ ʎənsa kəntə əskɔrə kɔrə zɔlə zɔlə gləsə kɛʃə krəma ɔnsɛndrə əʎgu altrə ɔmplə əspɛs pɔti pɔtit ɔstɛt mɔny mɔnut mɔrunt dɔlikat rɔdɔ rɔtund ɔgut ɔpɔp bɔi dɛstrə sənɛstɔ bɔrmɛʎ dɔwə kwatrə ɔʎa ɔn kə kə kə		
Ǝ	025B	32
fɛminɛ ɛʃɔ pɛr bɪɛs pɛs pɛhɔ utʃɛʎlo uhe utʃɛʎ sʃɛrpɛ vɛrm vʃɛr sɛwva sɛʎvɛ sɛlvɛ sɛmɛntʃɛ gʁɛn ɔrɛl rɛsɛn hwɛs ɛʁb ɛrba ɛrvɛ jɛp gʁamɛn rɛsta kɛʃʃi pɛli pɛ pʃɛʎ ʃɛʁ ɔhe vʋwɛs gʁɛs kʋwɛn kɔdɛ plʋmɛ pɛn pɛjə pɛn pɛnɛ pɛl pʋwɛl kəbɛʎ dʒɪvɛ ʃɔvɛ ʃɛs tɛt tɛsta tɛstɛ tɛʃtɛ ʃɛs tɛstɛ urɛʎə bɔcɛ dɛntɛ ɔŋgʋlɛ pɛ pɛ pɛw pɛrnɔ pɛʁnɛ pɛrnɛ pɛrnə pɛkɔl kwɛl spalɛ pɛtto pɛt pʋwɛtrɪn ɔstɛl stɛlɛ ɛw plɛʃ rɛ mɛʁ sɛʎ pɛdɔrɛ ɔrɛn tɛrra tɛʁ tɛrə tʃɛrɛ nɛvʋwɛ nɛvʋwɛ tɛnɛbɔ trɛvɛs trɛvɛʃ sʃɛʎ ʃɛʎo sɛw sɛw sɛʎ vɛntɔ nɛvi nɛvi zɛʎ dʒɛʎo zɛʎ glɛs sɛndrə ʃɪnɪzɛ mʋntɛ ʎɛŋgwə 'lɛŋgɛ bɛwɔrə bɛwɔrə sɔʃɛ kɔnɛtɔ kunɛʃə flɛʁɛ ʃɛsi: tɛʒi: fɛndɛrɛ fɛndrə nɛdʒi: mɛrdʒɛrɛ ɛstɛndɛrɛ ɛtɔ ɛs spɛrɛmɛrɛ sɛrɛ ɔstrejə strɛŋgi: tɛrdʒɛrɛ tɛʁɛ trɛwɔrə ɔmpɛjə dʒɛtɛ ɪntʃɛndʒɛrɛ ɪspɛsʋ ɔspɛs spɛ grʋwɛs gʁɪjɛʃ grɛvɛ grɛvi bɛʃɛʃ brɛvɛ brɛvi ɔstɛt strɛt dɛʎɣaɔu frɛt frɛwɛ rɛʃɛntɛ pʃɛ plɛn nɔvɛ vɛkkjo dɛrɛt dɛtɛt ɛbɛtɛ nɛt nɛdʒu nɛdʒu nɛt nɛt sɛk sɛk sɛʃ sɛk prɛssɔ prɛ dɛstrɔ dɛstru dɛʃtrɔ sənɛstɔ sɛʃtrɔ sɛʃtrɔ vɛʁmɛj bɔrmɛʎ vɛrt vɛʁ vɛrt dʒɛn ɛmɛrɛʎu ɛmɛrɛʎu trɛs kɛ ɛ		
Ɔ	025F	81
ʃambɛ manʃa: ʃava: zʃava:		
G	0261	1
ego: grɑ:ɲum gʁɛn grɑno grɑno grɛw̃ grɛw̃ grɑ grɪn grɑn grɪw grɑ:mɛn gʁamɛn grɑmɑ grɛmɛ grɛmɛ grɑm sɑŋgrɛ sɑŋgrɛ sɛʒi sɛʒi sɔʒ gʁɛs grɑsɑ grɑʃɛ grɑʃɛ grɛʃ gʋlɑ gɔɛl gɔlɑ gɔlɑ gɔlɑ gɔɛj gɔlɛ gurə ʊŋgʋlɑ ɔʒl ʊŋgʋjɑ ɔʒ ɔŋgʋlɛ ʊŋgʋjɛ gɑmbɑ gɑmbɑ gɑmbɑ gɑmbə ʒɛnɪkʋlʋm fɛgɑto fɪʒɛdu ɑgʋɛ ɑgʋɛ ɑgɛ lɑgɔ lɑgɔ lɑgʋ kɑ:li:ʒɪnɛm nɛgʋrə ʒɛʎu: glɑs ʒjɑtʃɑ glɑs glɛs glɑʃɛ ʒɛʎtɔ fʋwɛgɔ fɔgʋ lɔʒ lɛŋgwɑ lɪŋgwɑ lɪgʋɛ lɪgʋɛ lɪgʋɛ lɛŋgwə 'lɛŋgɛ musəgə musəgar sʋ:ʒɛrɛ sʋgɑʁ sʋgɑʁ kɔgno:skɛrɛ kɔ:ʒɪtɑ:rɛ frɑ:grɑ:rɛ frɑgrɑrɛ nɔgɑ ɑnɛgɑr ɑnnɛgɑr pʋʒnɑ:rɛ sɛgɑr sɛgɑr sɛgɑʁ pʋŋgɛrɛ ʒʊgʋlɑ:rɛ ʒyʒylɛ ʒʊgʋlɑ:rɛ nɑvɪgɑ:rɛ nɑbɛgɑr nɑvɪgɑrɛ nɔbɔgɑ nɑvɪgɑ: nɑvɪgɑ mɛrʒɛrɛ ʒyɔrɑ:rɛ sɛgʋrɑr sɪʒʋrɑʁ sɪŋgɛrɛ sɪŋgɛrɛ strɛŋgi: frɛgɑr frɛgɑr frɛgɑ ɪʃfrɪgɑr tɛrʒɛrɛ ɛkstɛrʒɛrɛ ɔʃʃʊgɑr ɛʃʃʊgɑr ɔʃʊgɑ ɪmpɪŋgɛrɛ lɪgɑ:rɛ lɛgɑr lɛgɑrɛ lɛgɑ xʊgɑr ʒɔgɑʁ ʒʊgɑ flʊgtʋɑr ʒɛlɑ:rɛ glɑkɪɑ:rɛ glɑsɛ ʒjɑtʃjɑrɛ glɔsɑ glɑʃjɑ: ɪŋglɑkɪɑ:rɛ ɪŋgɛtsɑ gɔʃflɛ gɔŋʃjɑrɛ gɔʃflɛ ʒglɔŋʃɑ: flɑgrɑ:rɛ flɑʒkɛ flɑgrɑr flɑgrɑrɛ flɑʒkɑʁ flɑgrɑr ɑʒʒʋnɔ ɑwʒʋ ɑʒʒʋ ɔʒʒʋ mɑʒnʋs grɑndɛm gʁɑ grɑndɛ grɑndɛ grɛdʒi grɛdɪ grɑn gʁɑ grɑnt lɔŋgʋs lɔŋgɔ lʊŋgɔ lɔʒʒʋ lɔʒʒʋ lʊŋ lɑrʒʋs lɑrʒɔ lɑrʒʒʋ lɑrʒ gʁɑ grɑsɔ grɑssɔ grɑʃʋ grɑs grɑs grɑs gʋrdʋs gɔrdɔ grɔssʋs gʁɔ grɔssɔ grɔsʋ grɔsʋ grɔs grʋwɛs grɔs gɔrɑwɪs gʁɪjɛʃ grɑbɛ grɛvɛ grɑvi grɑvi grɛw grɑv grɛvi grɛw ɑŋgʋstʋs ɑŋgɔstɔ ɑŋgʋstɔ ɪŋgʋst dɛwʒɑdu frɪ:ʒɪdʋs ɔgut ʒɑlbɪnʋs ʒɑlbɛn ʒrɔk		

Appendix 4 - Words containing each segment

Y	0263	82
iḡaðo fiḡeḡdu aḡwa aḡwə laḡu foḡu muḡəḡa siḡar səḡa naviḡaḡ nəviḡar siḡurar iḡfriḡar ēḡuḡar liḡa zuḡar larḡo deḡḡaḡo deḡḡaḡu aḡuḡo eḡuḡdu		
U	0265	68
fkuḡi plḡi nuḡi kuḡide tḡe esḡije flyktḡe		
i	0268	45
ifēti iḡpoze iḡpozu peḡḡi avi sirpēti vermi arvuri simēti səmintḡə kōrtisi keḡti peli karni sēḡi sindḡe pilu dēti minə pintēḡe iḡtreḡe flumi riw vint nevi mōti noḡti noḡti nomi biḡer minka wiḡpirar ride kupiser timer trimer siḡar siḡerac naviḡaḡ nəviḡar iḡtar iḡtar livar siḡuraḡ siḡurar siḡar siḡar epirtar epirtar strindḡe iḡfrigar iḡfriḡar impindḡe kinta zilar zilar ingetsa kriḡser intḡindḡe grēdi gravi pikenu brevi ingust iḡtreḡtu strimt poḡri wiḡḡḡu viḡmēḡlu verdi verdi ki kind in ki		
I	026A	11
ḡḡi na:ris isendḡiar		
l	026B	66
seḡve sḡl zḡl aḡsa aḡsar kuḡa flama aḡḡi aḡ deḡḡaḡu kaḡ plḡ		
n	0272	39
doḡa niḡo alimaḡa peḡa peḡə uḡa uḡe uḡe nḡo paḡḡə entraḡa iḡreḡe ēḡreḡe ənḡraḡa kamḡu kemḡu mōḡaḡ montaḡa montaḡaḡa mōḡeḡe mōḡeḡe muntaḡa mōḡaḡ montaḡe nḡt apo aḡ mḡḡza maḡi: kopeseḡ kupiser koposi puḡar puḡḡare puḡa puḡi kemḡaḡ kemḡar viḡi: estreḡir əstreḡə əmpeḡə oḡḡi maḡo maḡḡo pekeḡo juḡf viḡiḡu viḡiḡu siḡestri		
Ḳ	027B	87
kosaḲ		
f	027E	29
embra fembra muxer muḡer mariḡo maridu mēriḡu marit maḡre marə paḡre paḡə paxaro paḡeru paḡeru paḡere serpjente sirpēti farpe berme vermi verm arḡol albero aḡvori arvuri abrə par fruto frute frute frujt grano grēw grēw gra frōse frōse frunzə kōrtisi korteḡa kurtisə skōartsə flor fjo:re flor floare jerba erve jarbə grama grēme greme gram rista karne karni karne sangre grasa graḡe graḡe gref kwerno kornu pər orexa oreḡe oreḡe ureḡə nariḡ naris neriḡ gurə pjerna pərne bjentre bentrə entraḡa iḡreḡe ēḡreḡe ənḡraḡa kor sḡare estreḡa istreḡe iḡtreḡe mar mar pjeḡra pedre pēḡre pēḡrə pjatrə arena areḡe eḡeḡe ərenə saḡbru saḡbru treves treveḡ tēnebrəs ḡer estrada istrade iḡtraḡe ḡurno zorn xornada nombre beber bere biḡer bēwrə komer kumer mandukar manḡare mēḡar morḡer murḡer moskar morsikare sugar kufpir eskupir esputar sputare respirar respirare wespīrar wiḡpirar rəspira reir ri:dere wiḡ riwrə ride ber vedere ver bēwrə oir udire owvir saber səber konothər kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura feḡraḡ feḡrar fləḡra temer timer tremər tremər trimer dormir durmir bibir viver biwrə morir muḡer muri anegar matar meḡar utḡidere puḡar batir bēḡer batrə kaḡar keḡar puxar puḡar seḡar siḡar kortar kurtar taxar teḡar dibidir diviḡir ender fēḡer fēḡrə partir pēḡtir separar separaḡ siḡerac səḡəra pūḡir raer wēḡer rawrə rasar wēḡar raskar wēḡkar kusar kabar keḡar eskabar iḡkeḡar nadar nwotare neḡar nabegar nəviḡar bolar volare vwar zvolare zbura kaminar kamminare kemḡar andar ēḡar benir venire vir ekstender iḡtēḡer əstendḡə jaḡer ḡḡaḡe:re zeḡer zawrə ser ser sentar sēḡar sēḡar estar iḡtar iḡtar jeḡar livar alḡar aḡsar tornar turnar xirar ḡḡirare zirar zirar zira birar virare virar zirar bira torḡer kaer kadere keir keir tumber tōbar dar dar donar duar tener tenere ter segurar siḡuraḡ siḡurar ekspremir əspreḡə serac sḡarac ḡerac siḡar siḡar apretar epirtar epirtar estreḡir əstreḡə fregar frēḡa iḡfrigar iḡfriḡar frotar frisar frēsa laḡar leḡar leḡar estarsir ēḡugar ēḡugar limpjar lipar lipar tirar ḡira tirar tira puxar puḡar puḡar traze trezer trewrə eḡar zeḡtar zeḡtar lanḡar lēsar arankar aruḡka legar atar etar etar koser kuzer kuzer kontar kōtar kōtar numera deḡir dizer dizer kantar kēḡar kēḡar ludir xugar zuḡar flugḡwar flutuar fluir flwir kolar kuar eskurir iḡkurer skurḡe korer kuḡer kurdḡe elar zilar zilar intḡar iḡar iḡar entumeḡer itumeser itumeser kreḡer kreseḡ kriḡser kreḡə kreḡe kemar keḡmare arder vḡder arde flagrar flagrar enḡender isendḡiar isēḡar ənsendḡə otro owtru owtru altrə grande grēḡḡi grēḡi mare larḡo largu ḡark graso graḡu gras gordo grosu grosu grōs grabe gravi gravi grew grew lerdo lerdo lerdo korto kurtu kurt brebe brevi brevi brew estreḡo iḡtreḡtu iḡtreḡtu əstret frio friu friu fret poḡriḡo puḡrit poḡre poḡri poḡri sordido sḡridu sḡridu ispurku iḡpurku ḡḡireḡtu direḡtu dret proximo prosimu prosimu proizme		

Appendix 4 - Words containing each segment

əpɾɔp θerka djestro dɛstru dɛʃtru destrə sinjestro sɛʃtru sɛʃtru roʃu bermexo virmɛjɫu berde verdi verdi vert verde amarijo ɛmarɛlu ɛmɛrɛlu grɔk tres tres tref kwatro kwatru kwatru kwatrə

R 0280 77

ɔrɛj vi:r ɔr savɔ:r mɔri pɔ:rti ma:rʃi: ʃɛ:r sɔrar sere iʃkurer kɔri frwe

Б 0281 37

muɫɛk maɫi mɛk pɛk sɛpɾɔ sɛpɾɛʃi vɛk vɛkmi aɫbɫ aɫvori fɫɔi ɟɛn ɫais ɫɛiʃ ɫadi ɫasin ɫɔɫʃisi ɫɔɫʃise ekɔs flɛk flɔk ɛɫb ɛkɛv ɟɫamɛn ɫɛʃʃi ɫɛʃti ʃɛk ɫakni ɟɛs ɫɔɫn ɫɔɫnu oɟɛ pɛɫnɛ vɫɫ ɫɫɔaj pɫatɫin ɫɔk ɫɔk ɫuɫ ɫy ɫiw ɫiu ɫivjɛk mɛk maɫ pɾɛk piɫ pudɫ tɛk tɛkɛ tɛkɛ tɛk tɛnɛbɫ sɔɫɫ zɫɫ zɫɫna zɫɫna zɫɫne bɫɫɫ bɛbɛk bɔ:ɫ mɛʒaɫ mɔɫɫɫ mɔɫɫɛk sugaɫ kɫspriɫ vomɫ ɫɛspiriɫ ɫiʃpiriɫ ɫiɫ ɫiɫ ɫiɫ ɫiɫ vɫaɫ vɛk viɫ owviɫ savɫaɫ sabɛk ɫɔnɛtɫ kɔpɛsɛk kuzitaɫ pɛsaɫ sɔtiɫ sɛʃʃiɫ flɛkɛ ʃɛjraɫ tɛmɛk ɫɛɫɫɫ tɾɛmɛk dɔɫmiɫ dɔɫmiɫ dɫaɫmi viɫv viɛv muɫiɫ mɔkɛv muɫɛr mataɫ ɔksɫ batɫ batɛk ɫasaɫ puʃaɫ sɛgaɫ ɫɔɫtaɫ ɛkɫɫɛ taɫaɫ ɫɟividiɟiɫ fɫɫɫ fɛɫɛk pɫɫiɫ pɫɫʃiɫ sɔvɛ sɛparaɫ pɫɛɫɫ pɫiɟiɫ ɫaɛk ɫɛɛr ɫɔzɛ ɫazɫ ɫɛzɫ ɫaʃkaɫ ɫɛʃkaɫ fwɫ ɫɛvaɫ iʃkɛvaɫ nadaɫ naɫiɟaɫ voaɫ kɛmiɾaɫ maɫʃɛ ɛɫaɫ vɔniɫ viɫ ɛtɫɫɫ iʃtɛɫɛk zɛziɫ zɛzɛk swaɫ sɛk ɛtɫ lɛvaɫ tuɫnɛ tɔɫnaɫ ziɫɛ viɛv viɛv tɔɫɫɫ ʃwaɫ tɔbaɫ daɫ tɔniɫ tɛk siɟuraɫ ɛpɫɛɫɫ iʃpɾɛmɛk sɛva sɛvɛ siɟaɫ siɟaɫ ɛtɫɫɫɫ ɫɛɛɛ ɫɫɔtɛ ɫɫɔtɛ tiɫɛ tɫɛk ɫudɫ nɔɫɫɛ diɫ di:ɫ zɔgaɫ flutuɫ flɫiɫ koaɫ iʃkɔkɛk ɫuiɫ ɫɔkɛk ɫukɛr ɫɫɫaɫ kɾɛsɛk ɫɫaɛmɛ ɫɛjmaɫɛ aɫɫɫ aɫɫɛk flagɫɛ flagɫaɫ oɫɫ ɟɫɫ ɟɫɫ lɫɫz lɫɫɟu ɟɫa ɟɫo ɟɫiɟɛf luɫ ɫuɫ ɫuɫtu ɫu:ɫ bɫɛf bɫɛf ɛtɫɫa stɫɔ: fɫɫa ɫɛsɛʃʃi ɫɛsɛʃʃi dɫɫa ɫɔ ɫɛɫɔɫu ɫiɫɫɫu pɾɛ sɔnɛstɫ ɫu ɫɔʃu ɫɔʃu vɛkɫɛj vɛkɫɛlu ɫuz vɛk vɛk tɫɫa ɫaɫɫ

∫ 0283 17

nɔʃ vɔʃ iʃpozɔ iʃpɔzu biʃfa biʃɛ biʃɛ pɛʃʃɛ pɛʃʃi pɛʃʃi pɛʃ pɛʃtɛ ʃjɛ ʃaɾpɛ ɫɛiʃ ɫɛʃʃi ɫɛʃti ʃɛk ɟɾaʃɛ ɟɾaʃɛ ɟɾɛʃ ʃɔvɔ ʃɔvɛ tɛʃtɛ nɛriʃ buʃ paɾʃɔ iʃpadɫɛ iʃpadɫɛ iʃtɾɛlɛ ʃuvɛ ʃuvɛ sɛʃʃu sɛʃʃu tɾɛvɛʃ ʃɛnuʃɔ iʃtɾaɫɛ ʃɔmɛ ɫuʃpɾi ɫiʃpɾiɫ ʃti ɫonoʃʃɛɾɛ ɫunɛʃɔ ɫunɔaʃtɛ ʃɛjraɫ ʃɛjraɫ ʃaʃɛ puʃaɫ puʃaɫ ʃindɛɾɛ ɫaʃkaɫ ɫɛʃkaɫ ʃɔvɛ iʃkɛvaɫ iʃkɛvaɫ ʃɔmiɛnɛ maɫʃɛ iʃtɛɫɛɾ ʃɛɫɛa iʃtaɾ iʃtaɾ ʃwaɫ iʃpɾɛmɛk iʃpɾɛmɛr ɛʃtɾiɟiɾ ɛʃtɾiɟiɾ iʃfriɟaɾ iʃfriɟaɾ ʃtɛɾɫɛ aʃʃuɟaɾ ɛʃuɟaɾ ɛʃuɟaɾ ɛʃuɟaɾ puʃaɫ puʃaɫ ʃɫaɛ iʃkɔkɛk iʃkukɛr iʃaɾ iʃaɾ ɫɾɛʃʃɛɾ ɫɾiʃʃɛɾ ɫɾɛʃɔ ɫɾɛʃtɛ ɛʃu ɛʃu ɟɾaʃu iʃpɛsu iʃtɾɛjtu ʃo ʃɛju ʃɛju iʃpɫurku dɛʃtru sɛʃtru sɛʃtru ɫɔʃu ɫɔʃu roʃu doʃʃ duʃʃ tɾɛʃ ʃi

ʊ 028A 90

ɫɔʃʊ

Λ 028E 36

mɔɫɫɛ muɫɛk muɫɛr muɫɛ usɛɫ piɔlu piɔlu pɔɫ ʃɔɫɫa foɫɛ foɫɛ fuɫɔ pɛɫ ɫɛbɛɫ ɔɾɛɫɛ ɔɾɛjɫɛ usɛɫɔ ɔlu ɔlu zuɛlu zuɛlu zɔnoɫ ɫɔɫ ɛʃpaɫɫɔ ɫunɔ ɫaɫ ɫɛɟɟwɔ taɫɫa:ɾɛ taɫaɫ tɛɫaɾ tɔɫa ɫɔba ɫɔba ɫɔnsa ɫiɟa ɫoɟ ɫaɾk ɫɛno vɛjɫu vɛlu vɛɫ ɫunta vɛɾmiɫɫɔ vɛkɫɛlu virmɛjɫu bɛɾmɛɫ ɔɫa

3 0292 3

zɔ zɔ zɔb zɔnu zuɛlu zuɛlu zɔnoɫ pluɟa ɫaliziɟɛ ɫɛliziɟɛ zɛl zɛɫ zɫɫ zɔɾn zɔɫna zɔɫna zɫɫne mɫɛzɛ mɛʒaɫ mɛʒaɾ mɔɾɟa ɫuzitaɫ ɫuzitaɾ pɫiɟiɫ pɫiɟiɾ ɟyɟylɛ naɟɛ zɛziɫ zɛzɛk zɛzɛɾ zaɫwɔ ziɫɛ ziɾaɾ ziɾaɾ ziɾa ziɾaɾ ɛʃtɾiɟiɾ ɛʃtɾiɟiɾ ɛʃtɛɾɟi zɛtɛ zɛjtaɾ zɛjtaɾ zɫɛ zɔgaɫ zuɟaɾ zuga zuka zɔɛ ziɫaɾ ziɫaɾ zɔɫa iɫɫiɫɫɛɾ lɫɫz du:zɛ: viɟɛ ɫuz zɔn

j 029D 5

jo jɛɾba ɫabɛjo ɫɛɟo ɛstɾɛja jubja jɛlo jaθɛr jɛbaɾ amarijo aja

dz 02A3 70

frɔɫɫa dɔɾnaɫɛ

ɫɟ 02A4 10

ɫɾi ɫɔɫɟiɾ siɫɫɛ ɫɟivɛ ɫɟɔp ɫɟinɔɫɫɟo ɫɟɛnɔli ɫɟɛnɫnɫ¹ fɛɫɫɔ pɾɔɫɫa ɫalidiɟiɛ ɫɟɛlo ɫɟɛɾ ɫɟu ɫɟɔɾno ɫɟu: ɫɟɔɾnaɫa maɫɫɛɾɛ suɫɫɛ ɫɔɫɟitaɾɛ ɫudɟɛta ɫɟividiɟiɾ pɫundɟɛɾɛ pɫundɟɛ nɛɫɟi: mɛɾɫɟɛɾɛ mɛɾɫɟɛ ɫɟaʃɛ:ɾɛ ɫɟɛɾɛ ɫɟiɾaɾɛ ɫɟiɾa: ɫɟiɾa: ʃtɾiɫɫɛɾɛ ʃtɾiɫɫɛɾɛ tɛɾɫɟɛɾɛ ʃtɛɾɫɟɛ tɾaɫɫɛ iɫɫiɫɫɛɾɛ iɫɫiɫɫɛɾɛ ɫɟɛttɛɾɛ ɫɟɛtɛ ɫɟɔkaɾɛ ɫɟuɫɛ ɫɟuɟa: ʃkɫɫɫɛɾɛ ɫɫɫɫɛɾɛ ɫɟɛɫaɾɛ ɫɟaɫɛ iʃɛɫɫɟiɾaɾ ɟɾɛɫɫɟi

Appendix 4 - Words containing each segment

ḡirejtu nēḡu nēḡu ruḡe ḡen

ts 02A6 51

sots skōrtsa skwartse skōartsə tṣəstə pantse tsarə ḡətsə simtsi altsare tsine inḡetsa putsin subtsire retsint

ʈ 02A7 44

ifēʈi sɔʈo utʈello utʈel ʈē seḡpēʈi semēʈi semenʈe səminʈə radi:ʈe rəḡəʈinə kortiʈe kəʈʈisi kortetʈa kəʈʈisə ʈeʈʈi ʈar ʈes ʈes nariʈe dēʈi pittʈolo piʈʈor panʈa pintetʈe peʈo ʈṣəʈə ʈelo ʈi:l ʈer ḡjattʈa glaʈe ʈenere ʈinize ʈenuʈə ʈimē mōʈi noʈe sēʈiḡ maʈa: utʈidere utʈide kattʈare ʈesi: caʈa: paḡʈiḡ ʈimine ma:ḡʈi: ḡaʈe:re zəʈṣea alʈa: tɔʈfere tɔartʈe ʈe:r ʈjade ʈira eʈar lanʈare lanʈa: arronʈare kuʈfire ziʈe ʈāte ḡjattʈjare glaʈa: inʈar inʈendjare inʈindze muʈo anʈo pittʈino piʈʈul estreʈo suʈiḡ suʈiḡ ʈō reʈente ʈesēʈi ʈesēʈi reʈe seʈ viʈino viʈin veʈin rɔʈ krotʈeo ʈiḡkwe 'ʈiḡk ʈinʈ ʈine ʈe ʈe ʈemu:t

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arβol kəβelu kaβeθa kəβesə saβru saβru biβer səβe laβar nweβo

θ 03B8 55

peθ raiθ korteθa kaβeθa nariθ peθiolo panθa θjelo θeniθa konoθer kaθar jaθer alθar torθer θerar lanθar deθir entumeθer kreθer enθender reθjente beθino θerka θinko

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seḡpēʈi siḡpēti sjeḡpē semēʈi simēti simēs vivēda vivēde dēʈi dēti mē ētreḡnə sē vētu vētu pēsar pēsar sēʈiḡ sētir kṣēdṣ fēdṣ fēder istēdṣ iʈtēder sētar sētar ēʈugar ēʈuyar ēfle īsēdjar ʈesēʈi ʈesēʈi plē vizē sēk sēk nē

Appendix 5 - Word Lists by Language

Latin

Cognate	IPA	Sounds
I	ego:	ay-g-O
We	no:s	n-O-s
YouPlural	wo:s	w-O-s
YouSingular	tu:	t-U
Woman	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	infantem	e-n-f-ah-n-t-ay-m
Wife	sponsa	s-p-oh-n-s-ah
Husband	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	ma:trem	m-A-t-r-ay-m
Father	patre	p-ah-t-r-ay
Father-Tata	tata	t-ah-t-ah
Animal	animalia	ah-n-e-m-ah-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-Avicellum	awikellum	ah-w-e-k-ay-l-l-u-m
Bird-Passerem	passerem	p-ah-s-s-ay-r-ay-m
Dog	kanem	k-ah-n-ay-m
Louse	peduklus	p-ay-d-u-k-l-u-s
Snake	serpentem	s-ay-r-p-ay-n-t-ay-m
Worm	wermem	w-ay-r-m-ay-m
Tree	arborem	ah-r-b-oh-r-ay-m
Forest	silwa	s-e-l-w-ah
Stick	pa:lus	p-A-l-u-s
Fruit	fru:ktus	f-r-U-k-t-u-s
Seed	se:men	s-ai-m-ay-n
Seed-Sementis	sementis	s-ay-m-ay-n-t-e-s
Seed-Granum	gra:num	g-r-A-n-u-m
Leaf	folia	f-oh-l-e-ah
Leaf-Frondea	frondea	f-r-oh-n-d-ay-ah
Root	ra:di:kem	r-A-d-E-k-ay-m
Root-Radix	ra:di:ke	r-A-d-E-k-ay
Root-Radicina	ra:di:ki:na	r-A-d-E-k-E-n-ah
BarkOfATree	kortikem	k-oh-r-t-e-k-ay-m
BarkOfATree-Corticea	kortikea	k-oh-r-t-e-k-ay-ah
BarkOfATree-Skortea	skortea	s-k-oh-r-t-ay-ah
Flower	flo:rem	f-l-O-r-ay-m
Grass	herba	h-ay-r-b-ah
Grass-Gramen	gra:men	g-r-A-m-ay-n
Rope	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	karnem	k-ah-r-n-ay-m
Meat-Vivenda	wi:wenda	w-E-w-ay-n-d-ah
Blood	sang*inem	s-ah-n-gw-e-n-ay-m
Bone	ossum	oh-s-s-u-m
FatNoun	adepem	ah-d-ay-p-ay-m
Egg	o:wum	O-w-u-m
Horn	kornu:	k-oh-r-n-U

Appendix 5 - Word Lists by Language

Tail	ka:da	k-au-d-ah
Feather	plu:ma	p-l-U-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pilus	p-e-l-u-s
Hair-Capillus	kapillus	k-ah-p-e-l-l-u-s
Head	kapitia	k-ah-p-e-t-e-ah
Head-Testa	testa	t-ay-s-t-ah
Ear	o:rikla	O-r-e-k-l-ah
Eye	okulus	oh-k-u-l-u-s
Nose	na:sus	n-A-s-u-s
Mouth	bukka	b-u-k-k-ah
Mouth-Gula	gula	g-u-l-ah
Tooth	dentem	d-ay-n-t-ay-m
Fingernail	ungula	u-n-g-u-l-ah
Foot	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-Geniculum	geniculum	g-ay-n-e-k-u-l-u-m
Hand	manum	m-ah-n-u-m
Wing	a:la	A-l-ah
Belly	wentrem	w-ay-n-t-r-ay-m
Belly-Pantex	pantikem	p-ah-n-t-e-k-ay-m
Guts	intera:nea	e-n-t-ay-r-A-n-ay-ah
Neck	kollum	k-oh-l-l-u-m
Back	dorsum	d-oh-r-s-u-m
Back-Spatula	spatula	s-p-ah-t-u-l-ah
Breast	sinus	s-e-n-u-s
Breast-Pectus	pektus	p-ay-k-t-u-s
Heart	kor	k-oh-r
Heart-Anima	anima	ah-n-e-m-ah
Liver	fi:ka:tum	f-E-k-A-t-u-m
Sun	so:lem	s-O-l-ay-m
Sun-Soliculus	solikulus	s-oh-l-e-k-u-l-u-s
Moon	lu:na	l-U-n-ah
Star	ste:lla	s-t-ai-l-l-ah
Water	ak ^w a	ah-kw-ah
Rain	pluwia	p-l-u-w-e-ah
River	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	lakum	l-ah-k-u-m
Sea	mare	m-ah-r-ay
Salt	sa:lem	s-A-l-ay-m
Stone	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	hare:na	h-ah-r-ai-n-a
Sand-Sabulum	sabulum	s-ah-b-u-l-u-m
Sand-Sabula	sabula	s-ah-b-u-l-ah
Dust	pulwerem	p-u-l-w-ay-r-ay-m
Dust-Pulwus	pulwus	p-u-l-w-u-s
Earth	terra	t-ay-r-r-ah
Cloud	nu:be:s	n-U-b-ai-s
Cloud-Nubilus	nu:bilus	n-U-b-e-l-u-s
Fog	ka:li:ginem	k-A-l-E-g-e-n-ay-m
Fog-Nebula	nebula	n-ay-b-u-l-ah

Appendix 5 - Word Lists by Language

Fog-Tenebrae	tene:braj	t-ay-n-ai-b-r-aj
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	kajlum	k-aj-l-u-m
Wind	wentum	w-ay-n-t-u-m
Snow	niwem	n-e-w-ay-m
Ice	gelu:	g-ay-l-U
Smoke	fu:mus	f-U-m-u-s
Fire-Focus	fokum	f-oh-k-u-m
Ash	kinerem	k-e-n-ay-r-ay-m
Road	wia	w-e-ah
Road-Strata	stra:ta	s-t-r-A-t-ah
Road-Camminus	kammi:num	k-ah-m-m-E-n-u-m
Mountain	montem	m-oh-n-t-ay-m
Mountain-Montanea	monta:nea	m-oh-n-t-A-n-ay-ah
Night	noctem	n-oh-tya-t-ay-m
Day	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	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	ling ^w a	l-e-n-gw-ah
ToDrink	bibere	b-e-b-ay-r-ay
ToEat	komedere	k-oh-m-ay-d-ay-r-ay
ToEat-Manducare	manduka:re	m-ah-n-d-u-k-A-r-ay
ToBite	morde:re	m-oh-r-d-ai-r-ay
ToBite-Morsicare	morsika:re	m-oh-r-s-e-k-A-r-ay
ToSuck	su:gere	s-U-g-ay-r-ay
ToSpit	konspuere	k-oh-n-s-p-u-ay-r-ay
ToSpit-Sputare	sputere	s-p-u-t-ay-r-ay
ToVomit	womere	w-oh-m-ay-r-ay
ToBlow	suffla:re	s-u-f-f-l-A-r-ay
ToBreathe	respi:ra:re	r-ay-s-p-E-r-A-r-ay
ToLaugh	ri:de:re	r-E-d-ai-r-ay
ToSee	wide:re	w-e-d-ai-r-ay
ToHear	audi:re	au-d-E-r-ay
ToKnow	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	ko:gita:re	k-O-g-e-t-A-r-ay
ToThink-Pensare	pe:nsa:re	p-ai-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-Odorare	odo:ra:re	oh-d-O-r-A-r-ay
ToSmell-Fragrare	fra:gra:re	f-r-A-g-r-A-r-ay
ToFear	time:re	t-e-m-ai-r-ay
ToFear-Tremere	tremere	t-r-ay-m-ay-r-ay
ToSleep	dormi:re	d-oh-r-m-E-r-ay
ToLive	wi:were	w-E-w-ay-r-ay
ToKill	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	pugna:re	p-u-g-n-A-r-ay
ToFight-Battuere	battuere	b-ah-t-t-u-ay-r-ay

Appendix 5 - Word Lists by Language

ToHunt-Captiare	kaptia:re	k-ah-p-t-e-A-r-ay
ToHit	pulsa:re	p-u-l-s-A-r-ay
ToCut	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	ta:lia:re	t-A-l-e-A-r-ay
ToSplit	di:widere	d-E-w-e-d-ay-r-ay
ToSplit-Scindere	skindere	s-k-e-n-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	pungere	p-u-n-g-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	ra:dere	r-A-d-ay-r-ay
ToDig	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	nata:re	n-ah-t-A-r-ay
ToSwim-Navigare	naviga:re	n-ah-v-e-g-A-r-ay
ToFly	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	weni:re	w-ay-n-E-r-ay
ToLieAsInABed	ekstendere	ay-k-s-t-ay-n-d-ay-r-ay
ToLieAsInABed-lacere	jake:re	jg-ah-k-ai-r-ay
ToSit	sede:re	s-ay-d-ai-r-ay
ToSit-Sedentare	sedenta:re	s-ay-d-ay-n-t-A-r-ay
ToStand	sta:re	s-t-A-r-ay
ToStand-Levare	leva:re	l-ay-v-A-r-ay
ToTurnIntransitive	torna:re	t-oh-r-n-A-r-ay
ToTurnIntransitive-Gyrate	gyra:re	g-eeh-r-A-r-ay
ToTurnIntransitive-Torque	tork ^w e:re	t-oh-r-kw-ai-r-ay
ToFall	kadere	k-ah-d-ay-r-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	dona:re	d-oh-n-A-r-ay
ToHold	tene:re	t-ay-n-ai-r-ay
ToSqueeze	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-Appetere	appetere: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	frika:re	f-r-e-k-A-r-ay
ToRub-Frictare	frikta:re	f-r-e-k-t-A-r-ay
ToWash	lawa:re	l-ah-w-A-r-ay
ToWipe	tergere	t-ay-r-g-ay-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	tira:re	t-e-r-A-r-ay
ToPull-Pulsare	pulsa:re	p-u-l-s-A-r-ay
ToPull-Trahere	trahere	t-r-ah-h-ay-r-ay
ToPush	impingere	e-m-p-e-n-g-ay-r-ay
ToThrow	jakta:re	jg-ah-k-t-A-r-ay
ToThrow-Lanceare	lankea:re	l-ah-n-k-ay-A-r-ay
ToThrow-Eruncare	e:runka:re	ai-r-u-n-k-A-r-ay
ToTie	liga:re	l-e-g-A-r-ay
ToTie-Aptare	apta:re	ah-p-t-A-r-ay

Appendix 5 - Word Lists by Language

ToSew	ko:nsuere	k-O-n-s-u-ay-r-ay
ToCount	komputa:re	k-oh-m-p-u-t-A-r-ay
ToCount-Numerare	numera:re	n-u-m-ay-r-A-r-ay
ToSay	di:kere	d-E-k-ay-r-ay
ToSay-Exponere	ekspo:nere	ay-k-s-p-O-n-ay-r-ay
ToSing-AncestralClass	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	flu:ktua:re	f-l-U-k-t-u-A-r-ay
ToFloat-Fluitare	fluita:re	f-l-u-e-t-A-r-ay
ToFlow	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	gela:re	g-ay-l-A-r-ay
ToFreeze-Glaciare	glakia:re	g-l-ah-k-e-A-r-ay
ToFreeze-Inglaciare	inglakia:re	e-n-g-l-ah-k-e-A-r-ay
ToSwell	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:ske:re	k-r-ai-s-k-ai-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-Flagrare	flagra:re	f-l-ah-g-r-A-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	omnis	oh-m-n-e-s
All-Totus	to:tus	t-O-t-u-s
Many	multus	m-u-l-t-u-s
Many-Tantus	tantus	t-ah-n-t-u-s
Few	pau:kus	p-au-k-u-s
Other	alter	ah-l-t-ay-r
Other-Alius	alius	ah-l-e-u-s
Big	magnus	m-ah-g-n-u-s
Big-Grandem	grandem	g-r-ah-n-d-ay-m
Big-Majjorem	majjo: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	la:tus	l-A-t-u-s
Wide-Amplum	amplus	ah-m-p-l-u-s
Thick	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	grawis	g-r-ah-w-e-s
Heavy-Lurdus	lurdus	l-u-r-d-u-s
Small	pittitus	p-e-t-t-e-t-u-s
Small-Pittinus	'pittinus	p-e-t-t-e-n-u-s
Small-Pitulus	pitulus	p-e-t-u-l-u-s
Short	kurtus	k-u-r-t-u-s
Short-Brevis	brewis	b-r-ay-w-e-s
Narrow	angustus	ah-n-g-u-s-t-u-s
Narrow-Strictus	striktus	s-t-r-e-k-t-u-s
Thin	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

Appendix 5 - Word Lists by Language

Warm	kalidus	k-ah-l-e-d-u-s
Cold	fri:gidus	f-r-E-g-e-d-u-s
Cold-Recens	rekentem	r-ay-k-ay-n-t-ay-m
Full	ple:nus	p-l-ai-n-u-s
New	nowus	n-oh-w-u-s
Old	wetulus	w-ay-t-u-l-u-s
Good	bonus	b-oh-n-u-s
Bad	malus	m-ah-l-u-s
Rotten	putridus	p-u-t-r-e-d-u-s
Rotten-Putrem	putrem	p-u-t-r-ay-m
Dirty	sordidus	s-oh-r-d-e-d-u-s
Dirty-Spurcus	spurcus	s-p-u-r-tya-u-s
Straight	di:re:ktus	d-E-r-ai-k-t-u-s
Round	rotundus	r-oh-t-u-n-d-u-s
SharpAsAKnife	aku:tus	ah-k-U-t-u-s
DullAsAKnife	hebetem	h-ay-b-ay-t-ay-m
DullAsAKnife-Retusus	retu:sus	r-ay-t-U-s-u-s
Smooth	sua:wem	s-u-A-w-ay-m
Smooth-Nitidus	nitidus	n-e-t-e-d-u-s
Wet	u:midus	U-m-e-d-u-s
Wet-Udus	u:dus	U-d-u-s
Dry	sikkus	s-e-k-k-u-s
Correct	korre:ktus	k-oh-r-r-ai-k-t-u-s
Near	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	sinistrum	s-e-n-e-s-t-r-u-m
Red	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	wiridem	w-e-r-e-d-ay-m
Yellow	galbinus	g-ah-l-b-e-n-u-s
Yellow-Amarellus	amarellus	ah-m-ah-r-ay-l-l-u-s
Yellow-Croceus	krokeus	k-r-oh-k-ay-u-s
White	albus	ah-l-b-u-s
One	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	tre:s	t-r-ai-s
Four	k ^w attwor	kw-ah-t-t-w-oh-r
Five	k ^w i:nk ^w e	kw-E-n-kw-ay
Here	ekkumhi:k	ay-k-k-u-m-h-E-k
There	illa:k	e-l-l-A-k
There-Ibi	ibi:	e-b-E
Who-Qui	k ^w is	kw-e-s
Who-Quem	k ^w em	kw-ay-m
What	k ^w id	kw-e-d
When-Quando	k ^w ando:	kw-ah-n-d-O
How-Quomodo	k ^w o:modo	kw-O-m-oh-d-oh
Not	no:n	n-O-n
Not-Nec	nek	n-ay-k
At	ad	ah-d
In-In	in	e-n

Appendix 5 - Word Lists by Language

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
Because-Quod	k ^w od	kw-oh-d

French

Cognate	IPA	Sounds
I	ʒə	gzah-aah
We	nu	n-u
YouPlural	vu	v-u
YouSingular	ty	t-eeh
Woman	fam	f-ah-m
Woman-Domina	dam	d-ah-m
Child	ãfã	NasalA-f-NasalA
Wife	epuz	ay-p-u-zz
Husband	maʁi	m-ah-rr-e
Husband-Sponsus	epu	ay-p-u
Mother	meʁ	m-ay-rr
Father	peʁ	p-ay-rr
Animal	omaj	oh-m-ah-jg
Fish-Pescion	pwasô	p-w-ah-s-on
Bird-Avicellum	wazo	w-ah-zz-oh
Dog	ʃjẽ	shh-jg-ehnn
Louse	pu	p-u
Snake	seʁpã	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	aʁbʁ	ah-rr-b-rr
Stick	pal	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed-Sementis	səmas	s-aah-m-NasalA-s
Seed-Granum	gʁen	g-rr-eh-n
Leaf	fœj	f-uuh-jg
Root-Radix	ʁadi	rr-ah-d-e
Root-Radicina	ʁasin	rr-ah-s-e-n
BarkOfATree-Skortea	ekoʁs	ay-k-oh-rr-s
Flower	flœʁ	f-l-uuh-rr
Grass	εʁb	eh-rr-b
Grass-Gramen	gʁamen	g-rr-ah-m-eh-n
Skin	kwan	k-w-ah-n
Skin-Pellis	po	p-oh
Meat	ʃeʁ	shh-eh-rr
Meat-Vivenda	vjad	v-jg-NasalA-d
Blood	sã	s-NasalA
Bone	os	euh-s
FatNoun-Crassia	gʁes	g-rr-eh-s
Egg	œf	uuh-f
Horn	kɔʁn	k-euh-rr-n
Tail	kø	k-uu
Feather	plym	p-l-eeh-m
Feather-Penna	pen	p-eh-n
Hair	pwal	p-w-ah-l
Hair-Capillus	ʃəvø	shh-aah-v-uu
Head	ʃəvɛ	shh-aah-v-eh

Appendix 5 - Word Lists by Language

Head-Testa	tæt	t-eh-t
Ear	oɤej	oh-rr-ayj
Eye	œj	uuh-jg
Nose	ne	n-ay
Mouth	buɸ	b-u-shh
Mouth-Gula	gœl	g-uuh-l
Tooth	dâ	d-NasalA
Fingernail	ôgl	on-g-l
Foot	pje	p-jg-ay
Leg-Gamba	zãb	gzah-NasalA-b
Knee-Genuculum	zœnu	gzah-aah-n-u
Hand	mẽ	m-ehn
Wing	el	ay-l
Belly	vãtɤ	v-NasalA-t-rr
Belly-Pantex	pãs	p-NasalA-s
Guts	ãtɤraj	NasalA-t-rr-ah-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sẽ	s-ehn
Breast-Pectus	pi	p-e
Breast-Pectorina	pwatɤin	p-w-ah-t-rr-e-n
Heart	kœɤ	k-uuh-rr
Heart-Anima	am	a-m
Liver	fwa	f-w-a
Sun-Soliculus	sœlej	s-euh-l-ehj
Moon	lyn	l-ech-n
Star	etwal	ay-t-w-ah-l
Water	o	oh
Rain	plɤi	p-l-eu-e
River-Rivus	ɤy	rr-ech
River-Riparia	ɤivjɤɤ	rr-e-v-jg-ay-rr
Lake	lak	l-ah-k
Sea	mœɤ	m-eh-rr
Salt	sẽl	s-eh-l
Stone-Petra	pjɤɤ	p-jg-ay-rr
Sand-Sabulum	sabl	s-ah-b-l
Dust	pudɤ	p-u-d-rr
Earth	tɤɤ	t-ay-rr
Cloud	ny	n-ech
Fog-Tenebras	tenɤbɤ	t-ay-n-eh-b-rr
Fog-Fumata	fyme	f-ech-m-ay
Sky	sjẽl	s-jg-eh-l
Wind	vã	v-NasalA
Ice	zẽl	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fœ	f-uu
Ash	sãdɤ	s-NasalA-d-rr
Road	vwa	v-w-ah
Road-Camminus	ɸãmẽ	shh-aah-m-ehnn
Mountain	mõ	m-oon
Mountain-Montanea	mõtãɸ	m-on-t-ah-VdPalatalNasal
Night	nɤi	n-eu-e
Day-Diurnus	zueɤ	gzah-u-rr
Day-Diurnata	zueɤne	gzah-u-rr-n-ay
Year	ã	NasalA
Name-Nomen	nõ	n-oon

Appendix 5 - Word Lists by Language

Tongue	lāg	l-NasalA-g
ToDrink	bwaɁ	b-w-a-rr
ToEat-Manducare	māʒe	m-NasalA-gzah-ay
ToBite	moɁdɁ	m-oh-rr-d-rr
ToSuck	syse	s-eeh-s-ay
ToSpit	kōspyɛ	k-oon-s-p-eeh-ay
ToVomit	vomiɁ	v-oh-m-e-rr
ToBlow	sufle	s-u-f-l-ay
ToLaugh	kiɁ	rr-e-rr
ToSee	vwaɁ	v-w-ah-rr
ToHear	wiɁ	w-e-rr
ToKnow-Sapere	savwaɁ	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kōnetɁ	k-euh-n-eh-t-rr
ToThink	kɥide	k-eu-e-d-ay
ToThink-Pensare	pāse	p-NasalA-s-ay
ToSmell-Sentire	sātiɁ	s-NasalA-t-e-rr
ToSmell-Fragrare	flɛɁe	f-l-eh-rr-ay
ToFear-Tremere	kɁēdɁ	k-rr-ehn-d-rr
ToSleep	dōmiɁ	d-euh-rr-m-e-rr
ToLive	vivɁ	v-e-v-rr
ToDie	muɁiɁ	m-u-rr-e-rr
ToKill	nwaje	n-w-aj-ay
ToKill-Tutari	tɥe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	ɔksiɁ	euh-k-s-e-rr
ToFight-Battuere	batɁ	b-ah-t-rr
ToHunt-Captiare	ʃase	shh-ah-s-ay
ToHit	puse	p-u-s-ay
ToCut	sje	s-jg-ay
ToCut-Excutare	ekuɁte	ay-k-u-rr-t-ay
ToCut-Taliare	taje	t-a-jg-ay
ToSplit-Scindere	sēde	s-ehnn-d-ay
ToSplit-Findere	fādɁ	f-NasalA-d-rr
ToSplit-Partire	paktiɁ	p-ah-rr-t-e-rr
ToSplit-Separare	səvɁe	s-aah-v-rr-ay
ToStab	pwēdɁ	p-w-ehnn-d-rr
ToStab-Iugulare	ʒygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	Ɂaze	rr-a-zz-ay
ToDig	fwɁ	f-w-e-rr
ToDig-Cavare	ʃəve	shh-aah-v-ay
ToSwim-Navigare	naʒe	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	ʃəmine	shh-aah-m-e-n-ay
ToWalk-Marcher	maɁʃe	m-ah-rr-shh-ay
ToCome	vəniɁ	v-aah-n-e-rr
ToLieAsInABed	etādɁ	ay-t-NasalA-d-rr
ToLieAsInABed-Iacere	ʒeziɁ	gzah-ay-zz-e-rr
ToSit	swaɁ	s-w-ah-rr
ToStand	etɁ	eh-t-rr
ToStand-Levare	lōve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	turɁne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	ʒiɁe	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	viɁe	v-e-rr-ay
ToTurnIntransitive-Torquere	tōdɁ	t-euh-rr-d-rr
ToFall	ʃwaɁ	shh-w-ah-rr
ToFall-Tumbare	tōbe	t-on-b-ay

Appendix 5 - Word Lists by Language

ToGive-Donare	dɔne	d-euh-n-ay
ToHold	təniɪ	t-aah-n-e-rr
ToSqueeze	epkɛdɪ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	sɛkɛ	s-ay-rr-ay
ToSqueeze-Stringere	etkɛdɪ	ay-t-rr-ehnn-d-rr
ToRub	fɛɛjɛ	f-rr-ehj-ay
ToRub-Frictare	fɛɔtɛ	f-rr-oh-t-ay
ToWash	lavɛ	l-ah-v-ay
ToWipe-Exsucare	esqijɛ	ay-s-eu-e-jg-ay
ToPull	tikɛ	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahere	tɛɛɪ	t-rr-eh-rr
ToThrow	zɔtɛ	gzah-aah-t-ay
ToThrow-Lanceare	lɔsɛ	l-NasalA-s-ay
ToTie	liɛ	l-e-ay
ToSew	kudɪ	k-u-d-rr
ToCount	kɔtɛ	k-on-t-ay
ToCount-Numerare	nɔbɛɛ	n-oon-b-rr-ay
ToSay	diɪ	d-e-rr
ToSing-AncestralClass	ʃɔtɛ	shh-NasalA-t-ay
ToPlay-Jiocare	zwe	gzah-w-ay
ToFloat	flyktɛ	f-l-eeh-k-t-eu-ay
ToFlow	flyɛ	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kukɪɪ	k-u-rr-e-rr
ToFreeze	zɔlɛ	gzah-aah-l-ay
ToFreeze-Glaciare	glase	g-l-ah-s-ay
ToSwell	ɔfle	NasalA-f-l-ay
ToSwell-Conflare	gɔfle	g-on-f-l-ay
ToSwell-Crescere	kɛwatɪ	k-rr-w-ah-t-rr
ToBurn-Cremare	kɛame	k-rr-ah-m-ay
ToBurn-Flammare	flame	f-l-ah-m-ay
ToBurn-Ardere	akɪɪ	ah-rr-d-rr
ToBurn-Flagrare	flagkɛ	f-l-ah-g-rr-ay
ToBurn-Incendere	ɛsɔdɛ	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okɛ	oh-k-uuhn
Few	pɔ	p-uu
Other	otɪ	oh-t-rr
Big-Grandem	gɛɔ	g-rr-NasalA
Long-Longum	lɔ	l-oon
Long-Largum	lavɜ	l-ah-rr-gzah
Wide	le	l-ay
Wide-Amplum	ɔpl	NasalA-p-l
Thick	gɛa	g-rr-a
Thick-Spissum	epe	ay-p-ay
Thick-Grossus	gɛo	g-rr-oh
Heavy	gɛijɛf	g-rr-e-jg-eh-f
Heavy-Lurdus	luɪ	l-u-rr
Small	pɔti	p-aah-t-e
Short	kukɪ	k-u-rr
Short-Brevis	bɛɛf	b-rr-eh-f
Narrow-Strictus	etkwa	ay-t-rr-w-ah
Thin	mɔny	m-aah-n-eeh
Thin-Delicatus	du:ʒɛ:	d-U-gzah-ai
Warm	ʃo	shh-oh

Appendix 5 - Word Lists by Language

Cold	fɿwa	f-rr-w-ah
Full	plē	p-l-ehnn
New	nuvo	n-u-v-oh
Old	vjə	v-jg-uu
Good	bō	b-on
Bad	mal	m-ah-l
Straight	dʁwa	d-rr-w-ah
Round	ʁō	rr-on
Smooth-Nitidus	net	n-eh-t
Dry	sek	s-eh-k
Near-Pressus	pɾe	p-rr-ay
Near-Vicinus	vwazē	v-w-ah-zz-ehnn
Near-Circa	θerka	th-ay-er-k-ah
Far	lwētē	l-w-ehnn-t-ehnn
Left	sənɛstɾ	s-aah-n-eh-s-t-rr
Red	ɾu	rr-u
Red-Vermiculus	vɛɾmɛj	v-eh-rr-m-ehj
Red-Rubeus	ɾuʒ	rr-u-gzah
Green	vɛɾ	v-ay-rr
Yellow	ʒon	gzah-oh-n
One	œ	uuhn
Two-Duos	dø	d-uu
Three	tɾwa	t-rr-w-a
Four	katɾ	k-ah-t-rr
Five	sɛk	s-ehn-k
There	la	l-ah
Who-Qui	ki	k-e
What	kwa	k-w-ah
When-Quando	kā	k-NasalA
How-Quomodo	kɔmā	k-euh-m-NasalA
Not	nō	n-oon
Not-Nec	ni	n-e
At	a	ah
In-Deintus	dā	d-NasalA
With-Abhoc	avek	ah-v-ay-k
And-Et	e	ay
And-Si	si	s-e
Because-Quod	kə	k-aah

Spanish

Cognate	IPA	Sounds
I	jo	VdPalatalFricative-oh
We	nos	n-oh-s
YouPlural	bos	b-oh-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	usted	u-s-t-ay-d
Woman	embra	ay-m-b-er-ah
Woman-Mulier	muxer	m-u-xha-ay-er
Woman-Domina	dɔna	d-oh-VdPalatalNasal-ah
Child	infante	e-n-f-ah-n-t-ay
Child-Ninnus	nijo	n-e-VdPalatalNasal-oh
Wife	esposa	ay-s-p-oh-s-ah
Husband	mariđo	m-ah-er-e-dd-oh
Husband-Sponsus	esposo	ay-s-p-oh-s-oh
Mother	mađre	m-ah-dd-er-ay

Appendix 5 - Word Lists by Language

Father	paðre	p-ah-dd-er-ay
Father-Tata	tata	t-ah-t-ah
Animal	alimapa	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	kan	k-ah-n
Louse	pjoxo	p-jg-oh-xha-oh
Snake	serpjente	s-ay-er-p-jg-ay-n-t-ay
Worm	berme	b-ay-er-m-ay
Tree	arβol	ah-er-bb-oh-l
Forest	selba	s-ay-l-b-ah
Stick	palo	p-ah-l-oh
Fruit	fruto	f-er-u-t-oh
Seed-Sementis	simjente	s-e-m-jg-ay-n-t-ay
Seed-Granum	grano	g-er-ah-n-oh
Leaf	oxa	oh-xha-ah
Root	raiθ	r-ah-e-th
BarkOfATree-Corticea	korteθa	k-oh-er-t-ay-th-ah
Flower	flor	f-l-oh-er
Grass	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	karne	k-ah-er-n-ay
Meat-Vivenda	bibjenda	b-e-b-jg-ay-n-d-ah
Blood	sangre	s-ah-nya-g-er-ay
Bone	weso	w-ay-s-oh
FatNoun-Crassia	grasa	g-er-ah-s-ah
Egg	webo	w-ay-b-oh
Horn	kwerno	k-w-ay-er-n-oh
Tail	kola	k-oh-l-ah
Feather	pluma	p-l-u-m-ah
Feather-Penna	pejna	p-ay-VdPalatalNasal-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kabejo	k-ah-b-ay-VdPalatalFricative-oh
Head	kaβeθa	k-ah-bb-ay-th-ah
Ear	orexa	oh-er-ay-xha-ah
Eye	oxo	oh-xha-oh
Nose	naso	n-ah-s-oh
Nose-Nares	nariθ	n-ah-er-e-th
Mouth	boka	b-oh-k-ah
Mouth-Gula	gola	g-oh-l-ah
Tooth	djente	d-jg-ay-n-t-ay
Fingernail	upa	u-VdPalatalNasal-ah
Foot	pje	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	mano	m-ah-n-oh
Wing	ala	ah-l-ah
Belly	bjentre	b-jg-ay-n-t-er-ay
Belly-Pantex	panθa	p-ah-n-th-ah
Guts	entraña	ay-n-t-er-ah-VdPalatalNasal-ah
Neck	kwejo	k-w-ay-VdPalatalFricative-oh
Back-Spatula	espalda	ay-s-p-ah-l-d-ah

Appendix 5 - Word Lists by Language

Breast	seno	s-ay-n-oh
Breast-Pectus	peŋʰo	p-ay-ts-oh
Heart-Anima	alma	ah-l-m-ah
Liver	iyaðo	e-juh-ah-dd-oh
Sun	sol	s-oh-l
Moon	luna	l-u-n-ah
Star	estreja	ay-s-t-er-ay-VdPalatalFricative-ah
Water	aywa	ah-juh-w-ah
Rain	jubja	VdPalatalFricative-u-b-jg-ah
River-Rivus	rio	r-e-oh
Lake	lago	l-ah-g-oh
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone-Petra	pjeðra	p-jg-ay-dd-er-ah
Stone-Lapidem	laude	l-ah-u-d-ay
Sand	arena	ah-er-ay-n-ah
Dust-Pulvus	polbo	p-oh-l-b-oh
Earth	tjera	t-jg-ay-r-ah
Cloud	nube	n-u-b-ay
Cloud-Nubilus	nublo	n-u-b-l-oh
Fog	kalina	k-ah-l-e-n-ah
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	θjelo	th-jg-ay-l-oh
Wind	bjento	b-jg-ay-n-t-oh
Snow	njebe	n-jg-ay-b-ay
Ice	jelo	VdPalatalFricative-ay-l-oh
Smoke	umo	u-m-oh
Fire-Focus	fwego	f-w-ay-g-oh
Ash-Cinisia	θeniθa	th-ay-n-e-th-ah
Road	bia	b-e-ah
Road-Strata	estrada	ay-s-t-er-ah-d-ah
Road-Camminus	kamino	k-ah-m-e-n-oh
Mountain	monte	m-oh-n-t-ay
Mountain-Montanea	montapa	m-oh-n-t-ah-VdPalatalNasal-ah
Night	noŋe	n-oh-ts-ay
Day	dia	d-e-ah
Day-Diurnus	djurno	d-jg-u-er-n-oh
Day-Diurnata	xornada	xha-oh-er-n-ah-d-ah
Year	apo	ah-VdPalatalNasal-oh
Name-Nominem	nombre	n-oh-m-b-er-ay
Tongue	leggwa	l-ay-nya-g-w-ah
ToDrink	beber	b-ay-b-ay-er
ToEat	komer	k-oh-m-ay-er
ToEat-Manducare	mandukar	m-ah-n-d-u-k-ah-er
ToBite	morðer	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	respirar	r-ay-s-p-e-er-ah-er
ToLaugh	reir	r-ay-e-er
ToSee	ber	b-ay-er
ToHear	oir	oh-e-er
ToKnow-Sapere	saber	s-ah-b-ay-er
ToKnow-Cognoscere	konoθer	k-oh-n-oh-th-ay-er
ToThink	kwidar	k-w-e-d-ah-er

Appendix 5 - Word Lists by Language

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	temer	t-ay-m-ay-er
ToFear-Tremere	tremere	t-er-ay-m-ay-er
ToSleep	dormir	d-oh-er-m-e-er
ToLive	bibir	b-e-b-e-er
ToDie	morir	m-oh-er-e-er
ToKill-Adnecare	anegar	ah-n-ay-g-ah-er
ToKill-Mactare	matar	m-ah-t-ah-er
ToFight	pupar	p-u-VdPalatalNasal-ah-er
ToFight-Battuere	batir	b-ah-t-e-er
ToHunt-Captiare	kaθar	k-ah-th-ah-er
ToHit	puxar	p-u-xha-ah-er
ToCut	segar	s-ay-g-ah-er
ToCut-Curtare	kortar	k-oh-er-t-ah-er
ToCut-Taliare	taxar	t-ah-xha-ah-er
ToSplit	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	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	nadar	n-ah-d-ah-er
ToSwim-Navigare	nabegar	n-ah-b-ay-g-ah-er
ToFly	bolar	b-oh-l-ah-er
ToWalk	kaminar	k-ah-m-e-n-ah-er
ToWalk-Ambitare	andar	ah-n-d-ah-er
ToCome	benir	b-ay-n-e-er
ToLieAsInABed	ekstender	ay-k-s-t-ay-n-d-ay-er
ToLieAsInABed-lacere	jaθer	VdPalatalFricative-ah-th-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sentar	s-ay-n-t-ah-er
ToStand	estar	ay-s-t-ah-er
ToStand-Levare	jebar	VdPalatalFricative-ay-b-ah-er
ToStand-Altiare	alθar	ah-l-th-ah-er
ToTurnIntransitive	tornar	t-oh-er-n-ah-er
ToTurnIntransitive-Gyrate	xirar	xha-e-er-ah-er
ToTurnIntransitive-AncestralClass3	birar	b-e-er-ah-er
ToTurnIntransitive-Torque	torθer	t-oh-er-th-ay-er
ToFall	kaer	k-ah-ay-er
ToFall-Tumbare	tumbar	t-u-m-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	donar	d-oh-n-ah-er
ToHold	tener	t-ay-n-ay-er
ToHold-Segurar	segurar	s-ay-g-u-er-ah-er
ToSqueeze	ekspremir	ay-k-s-p-er-ay-m-e-er
ToSqueeze-Serrere	serar	s-ay-r-ah-er
ToSqueeze-Serare	θerar	th-ay-r-ah-er
ToSqueeze-Appetore	apretar	ah-p-er-ay-t-ah-er
ToSqueeze-Stringere	estrepir	ay-s-t-er-ay-VdPalatalNasal-e-er
ToRub	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

Appendix 5 - Word Lists by Language

ToWash	laþar	l-ah-bb-ah-er
ToWipe-Extergere	estarsir	ay-s-t-ah-er-s-e-er
ToWipe-Limpidare	limpjar	l-e-m-p-jg-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puxar	p-u-xha-ah-er
ToThrow	eþar	ay-ts-ah-er
ToThrow-Lanceare	lanθar	l-ah-n-th-ah-er
ToThrow-Eruncare	arankar	ah-r-ah-n-k-ah-er
ToTie	legar	l-ay-g-ah-er
ToTie-Aptare	atar	ah-t-ah-er
ToSew	koser	k-oh-s-ay-er
ToCount	kontar	k-oh-n-t-ah-er
ToSay	deθir	d-ay-th-e-er
ToSing-AncestralClass	kantar	k-ah-n-t-ah-er
ToPlay-Ludere	ludir	l-u-d-e-er
ToPlay-Jiocare	xugar	xha-u-g-ah-er
ToFloat	flugtwar	f-l-u-g-t-w-ah-er
ToFlow	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	elar	ay-l-ah-er
ToSwell	inþar	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-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	enθender	ay-n-th-ay-n-d-ay-er
All-Totus	todo	t-oh-d-oh
Many	muþfo	m-u-ts-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alguno	ah-l-g-u-n-oh
Few	poko	p-oh-k-oh
Other	otro	oh-t-er-oh
Big	mapo	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	lato	l-ah-t-oh
Wide-Amplum	anþfo	ah-n-ts-oh
Thick	graso	g-er-ah-s-oh
Thick-Spissum	espeso	ay-s-p-ay-s-oh
Thick-Gurdum	gordo	g-oh-er-d-oh
Heavy	grabe	g-er-ah-b-ay
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekeþo	p-ay-k-ay-VdPalatalNasal-oh
Short	korto	k-oh-er-t-oh
Short-Brevis	brebe	b-er-ay-b-ay
Narrow	angosto	ah-n-g-oh-s-t-oh
Narrow-Strictus	estreþfo	ay-s-t-er-ay-ts-oh
Thin	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	kaldo	k-ah-l-d-oh
Cold	frio	f-er-e-oh
Cold-Recens	reθjente	r-ay-th-jg-ay-n-t-ay

Appendix 5 - Word Lists by Language

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

Italian

Cognate	IPA	Sounds
I	io	e-oh
We	no:i	n-O-e
YouPlural	vo:i	v-O-e
YouSingular	tu	t-u
Woman	femmina	f-ay-m-m-e-n-ah
Woman-Mulier	moʎʎe	m-oh-yuh-yuh-ay
Woman-Domina	donna	d-euh-n-n-ah
Child	fante	f-ah-n-t-ay
Child-Ninnus	nino	n-e-n-oh
Wife	spoza	s-p-euh-zz-ah

Appendix 5 - Word Lists by Language

Husband	marito	m-ah-r-e-t-oh
Husband-Sponsus	spozo	s-p-euh-zz-oh
Husband-Socius	sɔʃo	s-euh-ts-oh
Mother	ma:dre	m-A-d-r-ay
Father	pa:dre	p-A-d-r-ay
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃʃa	b-e-shh-shh-ah
Fish-Piskem	peʃʃe	p-ay-shh-shh-ay
Bird-Avicellum	utʃello	u-t-ts-eh-l-l-oh
Bird-Passerem	passero	p-ah-s-s-ay-r-oh
Dog	kane	k-ah-n-ay
Louse	pidɔkkjo	p-e-d-euh-k-k-jg-oh
Snake	serpente	s-ay-r-p-ay-n-t-ay
Worm	verme	v-ay-r-m-ay
Tree	albero	ah-l-b-ay-er-oh
Forest	selva	s-ay-l-v-ah
Stick	palo	p-ah-l-oh
Fruit	frutto	f-r-u-t-t-oh
Seed	seme	s-ay-m-ay
Seed-Sementis	semente	s-ay-m-ay-n-t-ay
Seed-Granum	grano	g-r-ah-n-oh
Leaf	fɔʌʌa	f-euh-yuh-yuh-ah
Leaf-Frondea	fronza	f-r-oh-n-VdPalatoAlveolarAffricate-ah
Root-Radix	radi:ʃʃe	r-ah-d-E-ts-ay
BarkOfATree	kortifʃe	k-oh-r-t-e-ts-ay
BarkOfATree-Corticea	kortetʃa	k-oh-r-t-ay-t-ts-ah
BarkOfATree-Skortea	skɔrtsa	s-k-euh-r-VlAlveolarSibilantAffricate-ah
Flower	fjo:re	f-jg-O-er-ay
Grass	erba	eh-r-b-ah
Rope	fune	f-u-n-ay
Rope-Restis	resta	r-eh-s-t-ah
Skin	kotenna	k-oh-t-ay-n-n-ah
Skin-Pellis	pelle	p-ay-l-l-ay
Meat	karne	k-ah-r-n-ay
Meat-Vivenda	vivanda	v-e-v-ah-n-d-ah
Blood	sangwe	s-ah-n-g-w-ay
Bone	osso	euh-s-s-oh
FatNoun	adipe	ah-d-e-p-ay
Egg	wovo	w-euh-v-oh
Horn	korno	k-euh-r-n-oh
Tail	koda	k-oh-d-ah
Feather	pjuma	p-jg-u-m-ah
Feather-Penna	penna	p-ay-n-n-ah
Hair	pelo	p-ay-l-oh
Hair-Capillus	kapello	k-ah-p-ay-l-l-oh
Head	kavettsa	k-ah-v-ay-t-t-s-ah
Head-Testa	testa	t-eh-s-t-ah
Ear	orekkja	oh-r-ay-k-k-jg-ah
Eye	okkjo	euh-k-k-jg-oh
Nose	na:so	n-A-s-oh
Nose-Nares	nariʃʃe	n-ah-r-e-ts-ay
Mouth	bokka	b-oh-k-k-ah
Mouth-Gula	gola	g-oh-l-ah
Tooth	dente	d-eh-n-t-ay
Fingernail	ungja	u-n-g-jg-ah
Foot	pje:de	p-jg-Eh-d-ay
Leg-Gamba	gamba	g-ah-m-b-ah

Appendix 5 - Word Lists by Language

Leg-Perna	perno	p-eh-r-n-oh
Leg-Petiolus	pitʃɔlo	p-e-t-ts-euh-l-oh
Knee-Geniculum	dʒinakkjo	VdPalatoAlveolarSibilant-e-n-euh-k-k-jg-oh
Hand	ma:no	m-A-n-oh
Wing	ala	ah-l-ah
Belly-Pantex	pantʃa	p-ah-n-ts-ah
Neck	kollo	k-oh-l-l-oh
Back	dɔsso	d-euh-s-s-oh
Back-Spatula	spalla	s-p-ah-l-l-ah
Breast	seno	s-ay-n-oh
Breast-Pectus	petto	p-eh-t-t-oh
Heart	kwɔre	k-w-euh-r-ay
Heart-Anima	alma	ah-l-m-ah
Liver	fegato	f-ay-g-ah-t-oh
Sun	sole	s-oh-l-ay
Moon	luna	l-u-n-ah
Star	stella	s-t-ay-l-l-ah
Water	akkwa	ah-k-k-w-ah
Rain	pjoddʒa	p-jg-oh-d-VdPalatoAlveolarSibilant-ah
River	fjume	f-jg-u-m-ay
River-Rivus	rio	r-e-oh
Lake	laɔo	l-ah-g-oh
Sea	mare	m-ah-r-ay
Salt	sale	s-ah-l-ay
Stone	sasso	s-ah-s-s-oh
Stone-Petra	pje:tra	p-jg-ai-t-r-ah
Stone-Lapidem	lapide	l-ah-p-e-d-ay
Sand-Sabula	sabbja	s-ah-b-b-jg-ah
Dust	polvere	p-oh-l-v-ay-r-ay
Earth	terra	t-eh-r-r-ah
Cloud	nube	n-u-b-ay
Cloud-Nubilus	nuvola	n-u-v-oh-l-ah
Fog	kalidʒine	k-ah-l-e-VdPalatoAlveolarSibilant-e-n-ay
Fog-Nebula	nebbja	n-ay-b-b-jg-ah
Fog-Tenebrae	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Tenebras	tɛ:nebre	t-Eh-n-ay-b-r-ay
Fog-Fumata	fuma:ta	f-u-m-A-t-ah
Sky	ʃfelo	ts-eh-l-oh
Wind	vento	v-eh-n-t-oh
Snow	neve	n-ay-v-ay
Ice	dʒelo	VdPalatoAlveolarSibilant-eh-l-oh
Ice-Glacies	gʒatʃa	g-jg-ah-t-ts-ah
Smoke	fumo	f-u-m-oh
Fire-Focus	fwɔko	f-w-euh-k-oh
Ash	ʃfenere	ts-ay-n-ay-r-ay
Road	via	v-e-ah
Road-Strata	strada	s-t-r-ah-d-ah
Road-Camminus	kammino	k-ah-m-m-e-n-oh
Mountain	monte	m-oh-n-t-ay
Mountain-Montanea	montapɲa	m-oh-n-t-ah-VdPalatalNasal-VdPalatalNasal-ah
Night	notte	n-euh-t-t-ay
Day	di	d-e
Day-Diurnus	dʒorno	VdPalatoAlveolarSibilant-oh-r-n-oh
Day-Diurnata	dʒornata	VdPalatoAlveolarSibilant-oh-r-n-ah-t-ah
Year	anno	ah-n-n-oh
Name-Nomen	no:me	n-O-m-ay
Tongue	lingwa	l-e-n-g-w-ah

Appendix 5 - Word Lists by Language

ToDrink	bere	b-ay-er-ay
ToEat-Manducare	mandġare	m-ah-n-VdPalatoAlveolarSibilant-ah-er-ay
ToBite	mordere	m-euh-r-d-ay-r-ay
ToBite-Morsicare	morsikare	m-oh-r-s-e-k-ah-er-ay
ToSpit-Sputare	sputare	s-p-u-t-ah-er-ay
ToVomit	vomere	v-euh-m-ay-r-ay
ToBlow	soffjare	s-oh-f-f-jg-ah-r-ay
ToBreathe	respirare	r-ay-s-p-e-r-ah-er-ay
ToLaugh	ri:dere	r-E-d-ay-er-ay
ToSee	vedere	v-ay-d-ay-er-ay
ToHear	udire	u-d-e-er-ay
ToKnow-Sapere	sapere	s-ah-p-ay-r-ay
ToKnow-Cognoscere	konoġġere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink	kodġitare	k-oh-VdPalatoAlveolarSibilant-e-t-ah-r-ay
ToThink-Pensare	pensare	p-ay-n-s-ah-er-ay
ToSmell-Sentire	sentire	s-ay-n-t-e-r-ay
ToSmell-Olere	olire	oh-l-e-r-ay
ToSmell-Odorare	odorare	oh-d-oh-r-ah-r-ay
ToSmell-Fragrare	fragrare	f-r-ah-g-r-ah-r-ay
ToFear	temere	t-ay-m-ay-r-ay
ToFear-Tremere	tremare	t-r-ay-m-ah-r-ay
ToSleep	dormire	d-oh-r-m-e-r-ay
ToLive	vivere	v-e-v-ay-r-ay
ToDie	morire	m-oh-r-e-r-ay
ToKill-Adnecare	annegare	ah-n-n-ay-g-ah-r-ay
ToKill-Occidere	utġidire	u-t-ts-e-d-ay-er-ay
ToFight	pugnare	p-u-VdPalatalNasal-VdPalatalNasal-ah-r-ay
ToFight-Battuere	battere	b-ah-t-t-ay-r-ay
ToHunt-Captiare	kattġare	k-ah-t-ts-ah-r-ay
ToHit	pulsare	p-u-l-s-ah-r-ay
ToCut	segare	s-ay-g-ah-r-ay
ToCut-Excurtare	skortare	s-k-oh-r-t-ah-r-ay
ToCut-Taliare	taġġa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ġindere	shh-e-n-d-ay-r-ay
ToSplit-Findere	fendere	f-eh-n-d-ay-r-ay
ToSplit-Partire	partire	p-ah-r-t-e-r-ay
ToSplit-Separare	separare	s-ay-p-ah-r-ah-r-ay
ToStab	pundġere	p-u-n-VdPalatoAlveolarSibilant-ay-r-ay
ToStab-Iugulare	jugula:re	jg-u-g-u-l-A-r-ay
ToScratch	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	nwotare	n-w-oh-t-ah-er-ay
ToSwim-Navigare	navigare	n-ah-v-e-g-ah-r-ay
ToFly	volare	v-oh-l-ah-er-ay
ToFly-Exvolare	zvolare	zz-v-oh-l-ah-er-ay
ToWalk	kamminare	k-ah-m-m-e-n-ah-er-ay
ToWalk-Mergere	merġere	m-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWalk-Ambitare	andare	ah-n-d-ah-r-ay
ToCome	venire	v-ay-n-e-er-ay
ToLieAsInABed	estendere	ay-s-t-eh-n-d-ay-r-ay
ToLieAsInABed-lacere	dġaġfe:re	VdPalatoAlveolarSibilant-ah-ts-ai-er-ay
ToSit	sedere	s-ay-d-ay-r-ay
ToStand	stare	s-t-ah-r-ay
ToStand-Levare	levare	l-ay-v-ah-r-ay

Appendix 5 - Word Lists by Language

ToStand-Altiare	altsare	ah-l-VIAlveolarSibilantAffricate-ah-r-ay
ToTurnIntransitive	tornare	t-oh-r-n-ah-r-ay
ToTurnIntransitive-Gyrate	dʒirare	VdPalatoAlveolarSibilant-e-r-ah-er-ay
ToTurnIntransitive-AncestralClass3	virare	v-e-r-ah-er-ay
ToTurnIntransitive-Torque	tɔrʃere	t-euh-r-ts-ay-r-ay
ToFall	kadere	k-ah-d-ay-er-ay
ToGive	dare	d-ah-r-ay
ToGive-Donare	donare	d-oh-n-ah-r-ay
ToHold	tenere	t-ay-n-ay-er-ay
ToSqueeze	spremere	s-p-r-eh-m-ay-r-ay
ToSqueeze-Serare	serrare	s-ay-r-r-ah-r-ay
ToSqueeze-Stringere	strindʒere	s-t-r-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToRub	fregare	f-r-ay-g-ah-r-ay
ToRub-Frictare	frettare	f-r-ay-t-t-ah-r-ay
ToWash	lavare	l-ah-v-ah-r-ay
ToWipe	terdʒere	t-eh-r-VdPalatoAlveolarSibilant-ay-r-ay
ToWipe-Exsucare	aʃʃugare	ah-shh-shh-u-g-ah-r-ay
ToPull	tirare	t-e-r-ah-r-ay
ToPull-Pulsare	pulsare	p-u-l-s-ah-r-ay
ToPull-Trahere	trarre	t-r-ah-r-r-ay
ToPush	impindʒere	e-m-p-e-n-VdPalatoAlveolarSibilant-ay-r-ay
ToThrow	dʒettare	VdPalatoAlveolarSibilant-ay-t-t-ah-r-ay
ToThrow-Lanceare	lanʃare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arronʃare	ah-r-r-oh-n-ts-ah-r-ay
ToTie	legare	l-ay-g-ah-r-ay
ToSew	kutʃire	k-u-ts-e-r-ay
ToCount	kontare	k-oh-n-t-ah-r-ay
ToCount-Numerare	noverare	n-oh-v-ay-r-ah-r-ay
ToSay	dire	d-e-r-ay
ToSay-Exponere	sporre	s-p-oh-r-r-ay
ToSing-AncestralClass	kantare	k-ah-n-t-ah-r-ay
ToPlay-Jiocare	dʒokare	VdPalatoAlveolarSibilant-oh-k-ah-r-ay
ToFloat	fluttuare	f-l-u-t-t-u-ah-r-ay
ToFloat-Fluitare	fluitare	f-l-u-e-t-ah-r-ay
ToFlow	fluire	f-l-u-e-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	dʒelare	VdPalatoAlveolarSibilant-ay-l-ah-r-ay
ToFreeze-Glaciare	gʒatʃʃare	g-jg-ah-t-ts-jg-ah-r-ay
ToSwell	enfiare	ay-n-f-e-ah-r-ay
ToSwell-Conflare	gonʃare	g-oh-n-f-jg-ah-r-ay
ToSwell-Crescere	kreʃʃere	k-r-ay-shh-shh-ay-r-ay
ToBurn-Cremare	kremare	k-r-ay-m-ah-r-ay
ToBurn-Flammare	fjammare	f-jg-ah-m-m-ah-r-ay
ToBurn-Ardere	ardere	ah-r-d-ay-r-ay
ToBurn-Flagrare	flagrare	f-l-ah-g-r-ah-r-ay
ToBurn-Incendere	inʃendʒare	e-n-ts-eh-n-d-jg-ah-r-ay
ToBurn-Ustulare	ustolare	u-s-t-oh-l-ah-r-ay
All	op̃ni	oh-VdPalatalNasal-VdPalatalNasal-e
All-Totus	tutto	t-u-t-t-oh
Many	molto	m-oh-l-t-oh
Many-Tantus	tanto	t-ah-n-t-oh
Some	alkuno	ah-l-k-u-n-oh
Few	poko	p-euh-k-oh
Other	altro	ah-l-t-r-oh
Big	map̃po	m-ah-VdPalatalNasal-VdPalatalNasal-oh

Appendix 5 - Word Lists by Language

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	lato	l-ah-t-oh
Wide-Amplum	ampjo	ah-m-p-jg-oh
Thick	grasso	g-r-ah-s-s-oh
Thick-Spissum	spesso	s-p-ay-s-s-oh
Thick-Grossus	grasso	g-r-euh-s-s-oh
Heavy	grave	g-r-eh-v-ay
Heavy-Lurdus	lordo	l-oh-r-d-oh
Small-Pittinus	pittino	p-e-t-ts-e-n-oh
Small-Pitulus	pikkolo	p-e-k-k-oh-l-oh
Short	korto	k-oh-r-t-oh
Short-Brevis	breve	b-r-eh-v-ay
Narrow	angusto	ah-n-g-u-s-t-oh
Narrow-Strictus	stretto	s-t-r-ay-t-t-oh
Thin	minuto	m-e-n-u-t-oh
Thin-Delicatus	delikato	d-ay-l-e-k-ah-t-oh
Thin-Subtilis	sottile	s-oh-t-t-e-l-ay
Warm	kaldo	k-ah-l-d-oh
Cold	freddo	f-r-ay-d-d-oh
Cold-Recens	refente	r-ay-ts-eh-n-t-ay
Full	pieno	p-jg-Eh-n-oh
New	novo	n-euh-v-oh
Old	vekkjo	v-eh-k-k-jg-oh
Good	bueno	b-w-LongOpenMidBackRounded-n-oh
Bad	malo	m-ah-l-oh
Rotten	putrido	p-u-t-r-e-d-oh
Dirty	sordido	s-euh-r-d-e-d-oh
Dirty-Spurcus	sporko	s-p-euh-r-k-oh
Straight	dritto	d-r-e-t-t-oh
Round	ritondo	r-e-t-oh-n-d-oh
DullAsAKnife	ebete	eh-b-ay-t-ay
DullAsAKnife-Retusus	retuzo	r-ay-t-u-zz-oh
Smooth	soave	s-oh-ah-v-ay
Smooth-Nitidus	netto	n-ay-t-t-oh
Wet	umido	u-m-e-d-oh
Dry	sekko	s-ay-k-k-oh
Correct	korretto	k-oh-r-r-ay-t-t-oh
Near	prossimo	p-r-euh-s-s-e-m-oh
Near-Pressus	presso	p-r-eh-s-s-oh
Near-Vicinus	vicino	v-e-ts-e-n-oh
Far	lontano	l-oh-n-t-ah-n-oh
Right-Dextrem	dextro	d-eh-s-t-r-oh
Left	sinestro	s-e-n-ay-s-t-r-oh
Red	rosso	r-oh-s-s-oh
Red-Vermiculus	vermicello	v-ay-r-m-e-yuh-yuh-oh
Red-Rubeus	robbjo	r-euh-b-b-jg-oh
Green	verde	v-ay-r-d-ay
Yellow-Croceus	kroffeo	k-r-oh-ts-ay-oh
White	albo	ah-l-b-oh
One	uno	u-n-oh
Two-Duae	due	d-u-ay
Three	tre	t-r-ay
Four	kwattro	k-w-ah-t-t-r-oh
Five	finque	ts-e-nya-k-w-ay
Here	kwi	k-w-e

Appendix 5 - Word Lists by Language

There	la	l-ah
There-Ibi	vi	v-e
Who-Qui	ki	k-e
What	ke	k-ay
When-Quando	kwando	k-w-ah-n-d-oh
How-Quomodo	kome	k-oh-m-ay
Not	non	n-oh-n
Not-Nec	ne	n-ay
At	a	ah
In-In	in	e-n
With-Cum	kon	k-oh-n
And-Et	e	ay
And-Si	si	s-e
Because-Quod	ke	k-ay

Brazilian Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	nɔjs	n-mid_low_diphthong-s
YouPlural	vɔjs	v-mid_low_diphthong-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-oh-s-ay
Woman	femeɐ	f-ay-m-ay-ahh
Woman-Mulier	mulɛɐ	m-u-yuh-ay-rr
Woman-Domina	done	d-oh-n-ahh
Child	ĩfɛʃĩ	een-f-ahn-ts-e
Child-Ninnus	nenẽj	n-ay-n-ehnj
Wife	ispoza	e-s-p-oh-zz-ah
Husband	maridu	m-ah-er-e-d-u
Husband-Sponsus	ispozu	e-s-p-oh-zz-u
Mother	mẽj	m-ahnjn
Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	biʃɛ	b-e-shh-ahh
Fish-Piskem	pejʃĩ	p-ayj-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɛru	p-ah-s-ahh-er-u
Dog	kẽw̃	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛɐpẽʃĩ	s-ay-rr-p-ehn-ts-e
Worm	veɾmi	v-ay-rr-m-e
Tree	akvori	ah-rr-v-oh-er-e
Forest	sɛwva	s-eh-w-v-ah
Stick	paw	p-ah-w
Fruit	frutɛ	f-er-u-t-ahh
Seed-Sementis	semẽʃĩ	s-ay-m-ehn-ts-e
Seed-Granum	grẽw̃	g-er-au_diphthong_nasal
Leaf	foʎɛ	f-oh-yuh-ahh
Leaf-Frondea	frõsɛ	f-er-on-s-ahh
Root	ɾais	rr-ah-e-s
BarkOfATree	kɔɾʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔɾʃisɛ	k-oh-rr-ts-e-s-ahh
Flower	floɾ	f-l-oh-rr
Grass	ɛɾvɛ	ay-rr-v-ahh
Grass-Gramen	grẽmɛ	g-er-ahn-m-ahh

Appendix 5 - Word Lists by Language

Rope-Restis	ʁɛʃʃi	rr-eh-shh-ts-e
Skin	kodʒiɐ	k-oh-VdPalatoAlveolarSibilant-e-ahh
Skin-Pellis	peli	p-eh-l-e
Meat	kaɾni	k-ah-rr-n-e
Meat-Vivenda	vivɛda	v-e-v-ehn-d-ah
Blood	sɛgi	s-ahn-g-e
Bone	osu	oh-s-u
FatNoun-Crassia	graʃɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	koɾnu	k-oh-rr-n-u
Tail	kaudɐ	k-au-d-ahh
Feather-Penna	pɛnɐ	p-ay-n-ahh
Hair	pelu	p-ay-l-u
Hair-Capillus	kabelu	k-ah-b-ay-l-u
Head	kabɛsɐ	k-ah-b-ay-s-ahh
Head-Testa	tɛstɐ	t-eh-s-t-ahh
Ear	oreʎɐ	oh-er-ay-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	naris	n-ah-er-e-s
Mouth	bokɐ	b-oh-k-ahh
Tooth	dɛʃʃi	d-ehn-ts-e
Fingernail	uɾɐ	u-VdPalatalNasal-ahh
Foot	pɐ	p-eh
Leg-Perna	pɛɾnɐ	p-eh-rr-n-ahh
Knee-Genuculum	ʒueʎu	gzah-u-ay-yuh-u
Hand	mɛw̃	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pɛsɐ	p-ahn-s-ahh
Guts	itɾɛɾɐ	een-t-er-ahn-VdPalatalNasal-ahh
Neck	kɔlu	k-euh-l-u
Back-Spatula	ifpadwɐ	e-shh-p-ah-d-w-ahh
Breast	seju	s-ayj-u
Breast-Pectus	pejtu	p-ayj-t-u
Heart	kɔɾ	k-euh-rr
Heart-Anima	awmɐ	ah-w-m-ahh
Liver	figɛdu	f-e-g-ahh-d-u
Sun	sɔw	s-euh-w
Moon	luɐ	l-u-ahh
Star	istɾɛɐ	e-s-t-er-ay-l-ahh
Water	agwɐ	ah-g-w-ahh
Rain	ʃuvɐ	shh-u-v-ahh
River	flumi	f-l-u-m-e
River-Rivus	ɾiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maɾ	m-ah-rr
Salt	saw	s-ah-w
Stone	sejʃu	s-ayj-shh-u
Stone-Petra	pedɾɐ	p-ay-d-er-ahh
Sand	arejɐ	ah-er-ayj-ahh
Sand-Sabulum	sajβɾu	s-aj-bb-er-u
Dust-Pulwus	pɔ	p-euh
Earth	tɛɾɐ	t-ay-rr-ahh
Cloud	nuvɛj	n-u-v-ehnj
Fog	kaliʒɛj	k-ah-l-e-gzah-ehnj
Fog-Nebula	nɛvwɐ	n-eh-v-w-ahh
Fog-Tenebras	tɾɛvɐ	t-er-eh-v-ahh-s
Fog-Fumata	fumɛɐ	f-u-m-ah-s-ahh

Appendix 5 - Word Lists by Language

Sky	sew	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	nevi	n-eh-v-e
Smoke	fumu	f-u-m-u
Fire-Focus	fogu	f-oh-g-u
Ash-Cinisia	sīze	s-een-zz-ahh
Road	viē	v-e-ahh
Road-Strata	istrade	e-s-t-er-ah-d-ahh
Road-Camminus	kamīnu	k-ah-m-een-VdPalatalNasal-u
Mountain	mōtji	m-on-ts-e
Mountain-Montanea	mōtjē	m-on-t-ahn-VdPalatalNasal-ahh
Night	nojti	n-oj_diphthong-t-eee
Day	diē	d-e-ahh
Day-Diurna	zōna	gzah-cuh-rr-n-ah
Year	enu	ahh-n-u
Name-Nomen	nomi	n-oh-m-e
Tongue	liqwe	l-een-g-w-ahh
ToDrink	bebeκ	b-ay-b-ay-rr
ToEat	kome	k-oh-m-ay
ToEat-Manducare	mēzaκ	m-ahn-gzah-ah-rr
ToBite	moκdeκ	m-oh-rr-d-ay-rr
ToBite-Morsicare	musəga	m-u-s-aah-g-ah
ToSuck	sugaκ	s-u-g-ah-rr
ToSpit	kuspik	k-u-s-p-e-rr
ToBreathe	κespīrar	rr-ay-s-p-e-er-ah-er
ToLaugh	κik	rr-e-rr
ToSee	veκ	v-ay-rr
ToHear	owvik	oh-w-v-e-rr
ToKnow-Sapere	sabeκ	s-ah-b-ay-rr
ToKnow-Cognoscere	κoneceκ	k-oh-VdPalatalNasal-ay-s-ay-rr
ToThink	kužitak	k-u-gzah-e-t-ah-rr
ToThink-Pensare	pēsak	p-ehn-s-ah-rr
ToSmell-Sentire	sēfjik	s-ehn-ts-e-rr
ToSmell-Fragrare	fejraκ	shh-ayj-er-ah-rr
ToFear	temeκ	t-ay-m-ay-rr
ToFear-Tremere	tremeκ	t-er-ay-m-ay-rr
ToSleep	doκmik	d-oh-rr-m-e-rr
ToLive	viveκ	v-e-v-ay-rr
ToDie	moκeκ	m-oh-rr-ay-rr
ToKill-Mactare	matak	m-ah-t-ah-rr
ToFight-Battuere	bateκ	b-ah-t-ay-rr
ToHunt-Captiare	kasak	k-ah-s-ah-rr
ToHit	puƿak	p-u-shh-ah-rr
ToCut	segaκ	s-ay-g-ah-rr
ToCut-Curtare	koκtak	k-oh-rr-t-ah-rr
ToCut-Taliare	taɭak	t-ah-yuh-ah-rr
ToSplit	ɖʒivɖʒik	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēdeκ	f-ehn-d-ay-rr
ToSplit-Partire	paκfjik	p-ah-rr-ts-e-rr
ToSplit-Separare	separaκ	s-ay-p-ah-er-ah-rr
ToStab	pūʒik	p-ooo-gzah-e-rr
ToScratch	κaeκ	rr-ah-ay-rr
ToScratch-Rasare	κazaκ	rr-ah-zz-ah-rr
ToScratch-Rasicare	κaɭkaκ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaɭ	k-oh-s-ah-VdRetroflexApproximant
ToDig-Cavare	kevaκ	k-ahh-v-ah-rr
ToDig-Excavare	ijkevaκ	e-shh-k-ahh-v-ah-rr

Appendix 5 - Word Lists by Language

ToSwim	nadaɤ	n-ah-d-ah-rr
ToSwim-Navigare	naviɣaɤ	n-ah-v-eee-juh-ah-rr
ToFly	voaɤ	v-oh-ah-rr
ToWalk	kəmiɲaɤ	k-ahh-m-e-VdPalatalNasal-ah-rr
ToWalk-Ambitare	ẽdaɤ	ahn-d-ah-rr
ToCome	viɤ	v-e-rr
ToLieAsInABed	istẽdeɤ	e-s-t-ehn-d-ay-rr
ToLieAsInABed-lacere	zəzeɤ	gzah-ahh-zz-ay-rr
ToSit	seɤ	s-ay-rr
ToSit-Sedentare	sẽtar	s-ehn-t-ah-er
ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	levaɤ	l-ay-v-ah-rr
ToStand-Altiare	aɭsa	ah-ssha-s-ah
ToTurnIntransitive	toɲnaɤ	t-oh-rr-n-ah-rr
ToTurnIntransitive-Gyrare	ziɾar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viɾar	v-e-er-ah-er
ToTurnIntransitive-Torquere	turser	t-u-r-s-ay-r
ToFall	kəiɾ	k-ahh-e-er
ToFall-Tumbare	tõbaɤ	t-on-b-ah-rr
ToGive	daɤ	d-ah-rr
ToGive-Donare	doa	d-oh-ah
ToHold	teɤ	t-ay-rr
ToHold-Segurar	siguraɤ	s-eee-g-u-er-ah-rr
ToSqueeze	ifprəmeɤ	e-shh-p-r-aah-m-ay-rr
ToSqueeze-Serrere	seɤa	s-ay-rr-ah
ToSqueeze-Serare	sivər	s-eee-rr-ah-er
ToSqueeze-Appetorare	əpiɾtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əfɾiɾziɾ	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iffrigaɾ	eee-shh-f-er-eee-g-ah-er
ToWash	lɐvaɾ	l-ahh-v-ah-er
ToWipe-Exsucare	ẽfugaɾ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	liɾar	l-een-p-ah-er
ToPull	ʃiɾa	ts-e-er-ah
ToPull-Pulsare	puɟar	p-u-shh-ah-er
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow	zejtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	lɐsa	l-ahn-s-ah
ToTie-Aptare	ɐtar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kõtar	k-on-t-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kẽtar	k-ahn-t-ah-er
ToPlay-Jiocare	zogaɤ	gzah-oh-g-ah-rr
ToFloat	flutuɤ	f-l-u-t-u-ah-rr
ToFlow	flwiɤ	f-l-w-e-rr
ToFlow-Colare	koɤ	k-oh-ah-rr
ToFlow-Excurrere	ifkoveɤ	e-shh-k-oh-rr-ay-rr
ToFlow-Currere	koɤeɤ	k-oh-rr-ay-rr
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	ifar	een-shh-ah-er
ToSwell-Intumescere	itumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kreseɤ	k-er-ay-s-ay-rr
ToBurn-Cremare	kɐjmare	k-ahhj-m-ah-er-ay
ToBurn-Ardere	aɤdeɤ	ah-rr-d-ay-rr
ToBurn-Flagrare	flagɤaɤ	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	isendʒiɾar	een-s-ay-n-VdPalatoAlveolarSibilant-l-ah-er
All-Totus	todu	t-oh-d-u

Appendix 5 - Word Lists by Language

Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tētu	t-ahn-t-u
Some	awgũ	ah-w-g-ooo
Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	aw	ah-w
Big-Grandem	grēdʒi	g-er-ahn-VdPalatoAlveolarSibilant-e
Long-Longum	lōgu	l-on-g-u
Long-Largum	laŋgu	l-ah-rr-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ēfu	ahn-shh-u
Thick-Spissum	ispesu	e-s-p-eh-s-u
Thick-Grossus	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-e
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pekenu	p-ay-k-ay-n-u
Short	kugtu	k-u-rr-t-u
Short-Brevis	brēvi	b-er-eh-v-e
Narrow-Strictus	istrejtu	e-s-t-er-ayj-t-u
Thin	miudu	m-e-u-d-u
Thin-Delicatus	dewgadu	d-ay-w-g-ah-d-u
Thin-Subtilis	suŋiʷ	s-u-ts-e-w
Warm	kawdu	k-ah-w-d-u
Cold	friu	f-er-e-u
Cold-Recens	ʁesēŋi	rr-ay-s-ehn-ts-e
Full	ʃeju	shh-ahhj-u
New	novu	n-oh-v-u
Old	vējʎu	v-ahhj-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w
Rotten-Putrem	podri	p-oh-d-er-e
Dirty	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ispurku	e-s-p-u-er-k-u
Straight	dʒirejtu	VdPalatoAlveolarSibilant-e-er-ayj-t-u
Round	ʁedōdu	rr-ay-d-on-d-u
Smooth-Nitidus	nedʒu	n-eh-VdPalatoAlveolarSibilant-u
Dry	seku	s-ay-k-u
Near	prosimu	p-er-oh-s-e-m-u
Near-Vicinus	viziŋu	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	destru	d-eh-s-t-er-u
Left	seŋtru	s-eh-shh-t-er-u
Red	ʁoʃu	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veʁmeʎu	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɐmareʎu	ahh-m-ah-er-eh-l-u
White	awvu	ah-w-v-u
One	ũ	ooo
Two-Duos	dojs	d-oj_diphthong-s
Two-Duas	dues	d-u-ahh-s
Three	tres	t-er-ay-s
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-een-k-u
Here	aki	ah-k-e
There	la	l-ah
There-Adlbi	ai	ah-e
Who-Quem	kēj	k-ehnj

Appendix 5 - Word Lists by Language

What	ki	k-e
When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw	n-au_diphthong_nasal
Not-Nec	nẽj	n-ehnj
At	a	ah
In-In	ẽj	ehnj
With-Cum	kõ	k-on
And-Et	i	e
And-Si	sĩ	s-een
Because-Quod	ki	k-e

Portuguese

Cognate	IPA	Sounds
I	ew	ay-w
We	noʃ	n-euh-shh
YouPlural	voʃ	v-oh-shh
YouSingular	tu	t-u
YouSingular-VostramMercedem	vose	v-euh-s-ay
Woman	femjẽ	f-ay-m-jg-ahh
Woman-Mulier	muʎer	m-u-yuh-ay-er
Woman-Domina	donẽ	d-oh-n-ahh
Child	ĩfẽti	een-f-ahn-t-eee
Child-Ninnus	nenẽj	n-ay-n-ehnj
Wife	ĩʃpozẽ	eee-shh-p-oh-zz-ahh
Husband	mẽriðu	m-ahh-er-e-dd-u
Husband-Sponsus	ĩʃpozu	eee-shh-p-oh-zz-u
Mother	mẽj	m-ahnjn
Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bifẽ	b-e-shh-ahh
Fish-Piskem	pẽijĩ	p-ahhj-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasẽru	p-ah-s-ahh-er-u
Dog	kẽw	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sirpẽti	s-eee-er-p-ehn-t-eee
Worm	vermi	v-ay-er-m-eee
Tree	arvuri	ah-er-v-u-er-eee
Forest	sẽtve	s-eh-ssha-v-ahh
Stick	paw	p-ah-w
Fruit	frutẽ	f-er-u-t-ahh
Seed-Sementis	simẽti	s-eee-m-ehn-t-eee
Seed-Granum	grẽw	g-er-au_diphthong_nasal
Leaf	foʎẽ	f-oh-yuh-ahh
Leaf-Frondea	frõsẽ	f-er-on-s-ahh
Root	kẽijf	rr-ahh-e-shh
BarkOfATree	kõrtisi	k-euh-er-t-e-s-eee
BarkOfATree-Corticea	kurtisẽ	k-u-er-t-e-s-ahh
Flower	flor	f-l-oh-er
Grass	ẽrvẽ	eh-er-v-ahh
Grass-Gramen	grẽmẽ	g-er-ahh-m-ahh
Rope-Restis	kẽʃti	rr-ay-shh-t-eee
Skin	kodiẽ	k-oh-d-e-ahh
Skin-Pellis	peli	p-ay-l-eee

Appendix 5 - Word Lists by Language

Meat	karni	k-ah-er-n-eee
Meat-Vivenda	vivēde	v-e-v-ehn-d-ahh
Blood	sēgi	s-ahn-g-eee
Bone	osu	oh-s-u
FatNoun-Crassia	grafe	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	kornu	k-oh-er-n-u
Tail	kaude	k-au-d-ahh
Feather-Penna	pene	p-ay-n-ahh
Hair	pilu	p-eee-l-u
Hair-Capillus	keβelu	k-ahh-bb-ay-l-u
Head	keβese	k-ahh-bb-ay-s-ahh
Head-Testa	tēfte	t-eh-shh-t-ahh
Ear	orejʎe	oh-er-ahhj-yuh-ahh
Eye	olu	oh-yuh-u
Nose-Nares	nerif	n-ahh-er-e-shh
Mouth	bokε	b-oh-k-ahh
Tooth	dēti	d-ehn-t-eee
Fingernail	upe	u-VdPalatalNasal-ahh
Foot	pe	p-eh
Leg-Perna	peɱe	p-eh-er-n-ahh
Knee-Genuculum	zweʎu	gzah-w-ahh-yuh-u
Hand	mew	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēse	p-ahn-s-ahh
Guts	ētrepe	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kolu	k-euh-l-u
Back-Spatula	ifpadwe	e-shh-p-ah-d-w-ahh
Breast	seju	s-ahhj-u
Breast-Pectus	pejtu	p-ahhj-t-u
Heart	kor	k-oh-er
Heart-Anima	almε	ah-l-m-ahh
Liver	fiyeðu	f-e-juh-ahh-dd-u
Sun	soʎ	s-euh-ssha
Moon	luε	l-u-ahh
Star	iftrele	eee-shh-t-er-ay-l-ahh
Water	agwe	ah-g-w-ahh
Rain	ʃuve	shh-u-v-ahh
River	flumi	f-l-u-m-eee
River-Rivus	riu	rr-e-u
Lake	layu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sejfu	s-ahhj-shh-u
Stone-Petra	peðre	p-eh-dd-er-ahh
Sand	ereje	ahh-er-ahhj-ahh
Sand-Sabulum	sajbru	s-aj-bb-er-u
Dust-Pulwus	po	p-euh
Earth	teke	t-eh-rr-ahh
Cloud	nuvej	n-u-v-ahnjn
Fog	kelizvej	k-ahh-l-e-gzah-ahnjn
Fog-Nebula	nevwe	n-eh-v-w-ahh
Fog-Tenebras	trevef	t-er-eh-v-ahh-shh
Fog-Fumata	fumase	f-u-m-ah-s-ahh
Sky	sew	s-eh-w
Wind	vētu	v-ehn-t-u
Snow	nevi	n-eh-v-eee

Appendix 5 - Word Lists by Language

Smoke	fumu	f-u-m-u
Fire-Focus	foyu	f-oh-juh-u
Ash-Cinisia	sizə	s-een-zz-ahh
Road	viə	v-e-ahh
Road-Strata	ɪʃtraðə	e-shh-t-er-ah-dd-ahh
Road-Camminus	kəmiɲu	k-ahh-m-e-VdPalatalNasal-u
Mountain	mōti	m-on-t-eee
Mountain-Montanea	mōtɛɲə	m-on-t-ahh-VdPalatalNasal-ahh
Night	noʃti	n-oj_diphthong-t-eee
Day	diə	d-e-ahh
Day-Diurna	ʒɔɲna	gzah-cuh-rr-n-ah
Year	ɛnu	ahh-n-u
Name-Nomen	nomi	n-oh-m-eee
Tongue	liɡwə	l-eeen-g-w-ahh
ToDrink	biʃer	b-eee-bb-ay-er
ToEat	kumer	k-u-m-ay-er
ToEat-Manducare	mɛʒar	m-ahn-gzah-ah-er
ToBite	murðer	m-u-er-dd-ay-er
ToBite-Morsicare	musəɣar	m-u-s-aah-g-ah-r
ToSuck	sugar	s-u-g-ah-er
ToSpit	kuʃpir	k-u-shh-p-e-er
ToBreathe	ɤʃʃpirar	rr-eee-shh-p-e-er-ah-er
ToLaugh	ɤir	rr-e-er
ToSee	ver	v-ay-er
ToHear	owvir	oh-w-v-e-er
ToKnow-Sapere	səber	s-ahh-b-ay-er
ToKnow-Cognoscere	kupniser	k-u-VdPalatalNasal-eee-s-ay-er
ToThink	kuzitar	k-u-gzah-e-t-ah-er
ToThink-Pensare	pɛsar	p-ehn-s-ah-er
ToSmell-Sentire	sɛtir	s-ehn-t-e-er
ToSmell-Fragrare	ʃɛjrar	shh-ahhj-er-ah-er
ToFear	timer	t-eee-m-ay-er
ToFear-Tremere	trimer	t-er-eee-m-ay-er
ToSleep	durmir	d-u-er-m-e-er
ToLive	viver	v-e-v-ay-er
ToDie	muɣer	m-u-rr-ay-er
ToKill-Mactare	mɛtar	m-ahh-t-ah-er
ToFight-Battuere	bɛter	b-ahh-t-ay-er
ToHunt-Captiare	kɛsar	k-ahh-s-ah-er
ToHit	puʃar	p-u-shh-ah-er
ToCut	siɣar	s-eee-juh-ah-er
ToCut-Curtare	kurtar	k-u-er-t-ah-er
ToCut-Taliare	tɛɭar	t-ahh-yuh-ah-er
ToSplit	dividiɾ	d-e-v-e-dd-e-er
ToSplit-Findere	fɛder	f-ehn-d-ay-er
ToSplit-Partire	pɛtir	p-ahh-er-t-e-er
ToSplit-Separare	sipɛrar	s-eee-p-ahh-er-ah-er
ToStab	pūzɪr	p-ooo-gzah-e-er
ToScratch	ɤɛr	rr-ahh-ay-er
ToScratch-Rasare	ɤɛzar	rr-ahh-zz-ah-er
ToScratch-Rasicare	ɤɛʃkar	rr-ahh-shh-k-ah-er
ToScratch-Coctiare	kusar	k-u-s-ah-er
ToDig-Cavare	kɛvar	k-ahh-v-ah-er
ToDig-Excavare	ɪʃkɛvar	e-shh-k-ahh-v-ah-er
ToSwim	nɛðar	n-ahh-dd-ah-er
ToSwim-Navigare	nevɪɣar	n-ahh-v-eee-juh-ah-er
ToFly	vwar	v-w-ah-er

Appendix 5 - Word Lists by Language

ToWalk	kəminar	k-ahh-m-e-VdPalatalNasal-ah-er
ToWalk-Ambitare	edar	ahn-d-ah-er
ToCome	vic	v-e-er
ToLieAsInABed	ifteder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zəzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sətar	s-ehn-t-ah-er
ToStand	iftar	eee-shh-t-ah-er
ToStand-Levare	livar	l-eee-v-ah-er
ToStand-Altiare	alsar	ah-ssha-s-ah-er
ToTurnIntransitive	turnar	t-u-er-n-ah-er
ToTurnIntransitive-Gyrate	zirar	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	zirar	gzah-e-er-ah-er
ToTurnIntransitive-Torque	turser	t-u-r-s-ay-r
ToFall	keir	k-ahh-e-er
ToFall-Tumbare	tobar	t-on-b-ah-er
ToGive	dar	d-ah-er
ToGive-Donare	duar	d-u-ah-er
ToHold	ter	t-ay-er
ToHold-Segurar	siyurar	s-eee-juh-u-er-ah-er
ToSqueeze	ifpramer	e-shh-p-r-aah-m-ay-r
ToSqueeze-Serrere	sərar	s-aah-VIUvularTrill-ah-er
ToSqueeze-Serare	sixar	s-eee-rr-ah-er
ToSqueeze-Appetorare	epirtar	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əftrizir	aah-shh-t-r-ehn-gzah-e-r
ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	levar	l-ahh-v-ah-er
ToWipe-Exsucare	əfuyar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lipar	l-ehn-p-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	puifar	p-u-shh-ah-er
ToPull-Trahere	trezer	t-er-ahh-zz-ay-er
ToThrow	zejtar	gzah-ayj-t-ah-er
ToThrow-Lanceare	lesar	l-ahn-s-ah-er
ToTie-Aptare	etar	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kotar	k-on-t-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	ketar	k-ahn-t-ah-er
ToPlay-Jiocare	zuyar	gzah-u-juh-ah-er
ToFloat	flutuar	f-l-u-t-u-ah-er
ToFlow	flwir	f-l-w-e-er
ToFlow-Colare	kuar	k-u-ah-er
ToFlow-Excurrere	ifkurer	e-shh-k-u-VIUvularTrill-ay-er
ToFlow-Currere	kurer	k-u-rr-ay-er
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	ifar	een-shh-ah-er
ToSwell-Intumescere	itumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriiser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmae	k-ayj-m-ah-rr-ay
ToBurn-Ardere	erder	ahh-er-d-ay-er
ToBurn-Flagrare	flagrar	f-l-ah-g-er-ah-er
ToBurn-Incendere	isədjər	een-s-ehn-d-jg-ah-er
All-Totus	toðu	t-oh-dd-u
Many	mũjtu	m-ooo-jn-t-u
Many-Tantus	tətu	t-ahn-t-u
Some	atqũ	ah-ssha-g-ooo

Appendix 5 - Word Lists by Language

Few	powku	p-oh-w-k-u
Other	owtru	oh-w-t-er-u
Other-Alius	ał	ah-ssha
Big-Grandem	grēdi	g-er-ahn-d-eee
Long-Longum	lōgu	l-on-g-u
Long-Largum	largu	l-ah-er-g-u
Wide	latu	l-ah-t-u
Wide-Amplum	ēfu	ahn-shh-u
Thick	grafu	g-er-ah-shh-u
Thick-Spissum	ifpesu	e-shh-p-ay-s-u
Thick-Grossus	grosu	g-er-oh-s-u
Heavy	gravi	g-er-ah-v-eee
Heavy-Lurdus	lerdo	l-ay-er-d-oh
Small-Pittinus	pikenu	p-eee-k-ay-n-u
Short	kurtu	k-u-er-t-u
Short-Brevis	brēvi	b-er-eh-v-eee
Narrow-Strictus	iftrējtū	eee-shh-t-er-ahhj-t-u
Thin	miuōdu	m-e-u-dd-u
Thin-Delicatus	deŷaōdu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suŷtūw	s-u-ts-e-w
Warm	kaldū	k-ah-l-d-u
Cold	friu	f-er-e-u
Cold-Recens	kesēŷfi	rr-ay-s-ehn-ts-e
Full	ŷeju	shh-ahhj-u
New	novu	n-oh-v-u
Old	veŷu	v-ay-yuh-u
Good	bō	b-on
Bad	maw	m-ah-w
Rotten-Putrem	poōri	p-oh-dd-er-eee
Dirty	sōridū	s-euh-er-d-e-d-u
Dirty-Spurcus	ifpurku	e-shh-p-u-er-k-u
Straight	dirējtū	d-e-er-ahhj-t-u
Round	kidōdu	rr-eee-d-on-d-u
SharpAsAKnife	ēyuōdu	ahh-juh-u-dd-u
Smooth-Nitidus	neđzu	n-eh-VdPalatoAlveolarSibilant-u
Dry	seku	s-ay-k-u
Near	prosimu	p-er-oh-s-e-m-u
Near-Vicinus	viziju	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	deŷtru	d-eh-shh-t-er-u
Left	seŷtru	s-eh-shh-t-er-u
Red	koŷu	rr-oh-shh-u
Red-Vermiculus	virmejŷu	v-eee-er-m-ahhj-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	emereŷu	ahh-m-ahh-er-eh-l-u
White	alvu	ah-l-v-u
One	ū	ooo
Two-Duos	dojŷ	d-oj_diphthong-shh
Two-Duas	duēŷ	d-u-ahh-shh
Three	treŷ	t-er-ay-shh
Four	kwatru	k-w-ah-t-er-u
Five	siku	s-een-k-u
Here	eki	ahh-k-e
There	la	l-ah
There-Adlbi	ei	ahh-e
Who-Quem	keŷ	k-ahnjn
What	ki	k-eee

Appendix 5 - Word Lists by Language

When-Quando	kwẽdu	k-w-ahn-d-u
How-Quomodo	komu	k-oh-m-u
Not	nẽw̃	n-au_diphthong_nasal
Not-Nec	nẽj	n-ahnjn
At	ɐ	ahh
In-In	ẽj	ahnjn
With-Cum	kõ	k-on
And-Et	i	e
And-Si	sĩ	s-een
Because-Quod	ki	k-eee

Catalan

Cognate	IPA	Sounds
I	ʒə	gzah-euh
YouPlural	bus	b-u-s
YouSingular	tu	t-u
YouSingular-VostramMercedem	voste	v-oh-s-t-ay
Woman	fembra	f-ay-m-b-er-ah
Woman-Mulier	mulɛ	m-u-yuh-ay
Woman-Domina	dɔnə	d-euh-n-aah
Child-Ninnus	nen	n-ay-n
Wife	əspɔzə	aah-s-p-euh-zz-aah
Husband	marit	m-ah-er-e-t
Husband-Sponsus	əspɔs	aah-s-p-euh-s
Mother	marə	m-ah-er-aah
Father	parə	p-ah-er-aah
Fish-Piskem	peʃ	p-ay-shh
Bird-Avem	aw	ah-w
Bird-Avicellum	useʎ	u-s-ay-yuh
Dog	ka	k-ah
Louse	poʎ	p-oh-yuh
Snake	sərpen	s-aah-r-p-ay-n
Worm	vɛrm	v-eh-er-m
Tree	abrə	ah-b-er-aah
Forest	selba	s-ay-l-b-ah
Stick	pəl	p-ah-l
Fruit	frujt	f-er-u-jg-t
Seed-Sementis	səmen	s-aah-m-ay-n
Seed-Granum	gra	g-er-ah
Leaf	fuʎə	f-u-yuh-aah
Root	ərɛl	aah-r-eh-l
BarkOfATree-Skortea	əskɔrsə	aah-s-k-euh-r-s-aah
Flower	flɔ	f-l-euh
Grass	erbə	ay-r-b-aah
Grass-Gramen	gram	g-er-ah-m
Skin	konnə	k-oh-n-n-aah
Skin-Pellis	peʎ	p-ay-yuh
Meat	karn	k-ah-r-n
Blood	saŋ	s-ah-nya
Bone	ɔs	euh-s
FatNoun-Crassia	greʃ	g-er-ay-shh
Egg	ɔw	euh-w
Horn	kɔrn	k-euh-r-n
Tail	kua	k-u-ah
Feather	plomə	p-l-oh-m-aah

Appendix 5 - Word Lists by Language

Feather-Penna	pɛnə	p-eh-VdPalatalNasal-aah
Hair	pɛl	p-eh-l
Hair-Capillus	kəbɛʌ	k-aah-b-eh-yuh
Head	kap	k-ah-p
Head-Testa	testə	t-ay-s-t-aah
Ear	urɛʌə	u-er-eh-yuh-aah
Nose	nas	n-ah-s
Nose-Nares	na:ris	n-A-r-I-s
Mouth	bokə	b-oh-k-aah
Mouth-Gula	golə	g-oh-l-aah
Foot	pɛw	p-eh-w
Leg-Gamba	kambə	k-ah-m-b-aah
Leg-Perna	pɛrnə	p-eh-r-n-aah
Knee-Genuculum	ʒənoʌ	gzah-aah-n-oh-yuh
Wing	alə	ah-l-aah
Belly	bentrə	b-ay-n-t-er-aah
Belly-Pantex	pəɲʃə	p-ah-VdPalatalNasal-shh-aah
Guts	əntrəpə	aah-n-t-er-ah-VdPalatalNasal-aah
Neck	kɔʌ	k-euh-yuh
Back	dos	d-oh-s
Back-Spatula	əspaʌʌə	aah-s-p-ah-yuh-yuh-aah
Breast	si	s-e
Breast-Pectus	pit	p-e-t
Heart	kɔr	k-euh-r
Liver	fɛdʒə	f-ay-VdPalatoAlveolarSibilant-aah
Sun	sɔl	s-euh-l
Moon	ʌunə	yuh-u-n-aah
Star	əstɛl	aah-s-t-eh-l
Water	ajɥwə	aj-juh-w-aah
Rain	pluzə	p-l-u-gzah-aah
River-Rivus	riw	r-e-w
Lake	ʌak	yuh-ah-k
Sea	mar	m-ah-r
Salt	sal	s-ah-l
Stone-Petra	pɛðrə	p-ay-dd-er-aah
Sand	ənɛnə	aah-er-ay-n-aah
Sand-Sabulum	sorə	s-oh-r-aah
Dust-Pulwus	pɔls	p-oh-l-s
Earth	tɛrə	t-eh-r-aah
Cloud-Nubilus	nuvɔl	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	sɛl	s-eh-l
Wind	ben	b-ay-n
Snow	new	n-ay-w
Ice	ʒɛl	gzah-eh-ssha
Ice-Glacies	glas	g-l-ah-s
Smoke	fum	f-u-m
Fire-Focus	fɔk	f-euh-k
Ash	sɛndrə	s-eh-n-d-r-aah
Road	biə	b-e-aah
Road-Camminus	kəmi	k-aah-m-e
Mountain	mun	m-u-n
Mountain-Montanea	muntəpə	m-u-n-t-ah-VdPalatalNasal-aah
Night	nɪt	n-e-t
Day	diə	d-e-aah
Day-Diurnus	ʒɔrn	gzah-oh-er-n

Appendix 5 - Word Lists by Language

Year	ap	ah-VdPalatalNasal
Name-Nomen	nom	n-euh-m
Tongue	ʎɛŋgwə	yuh-eh-nya-g-w-aah
ToDrink	bɛwrə	b-eh-w-er-aah
ToEat-Manducare	məɲza	m-aah-VdPalatalNasal-gzah-ah
ToBite-Morsicare	musəɣa	m-u-s-aah-juh-ah
ToSpit-Exconspuere	əskupi	aah-s-k-u-p-e
ToBreathe	rəspira	r-aah-s-p-e-er-ah
ToLaugh	riwrə	r-e-w-er-aah
ToSee	bɛwrə	b-eh-w-er-aah
ToHear	ui	u-e
ToKnow-Sapere	səβɛ	s-aah-bb-eh
ToKnow-Cognoscere	kunɛfə	k-u-n-eh-shh-aah
ToThink	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	fləjra	f-l-aah-jg-er-ah
ToFear	temə	t-ay-m-aah
ToSleep	durmi	d-u-r-m-e
ToLive	biwrə	b-e-w-er-aah
ToDie	muri	m-u-er-e
ToKill	nəga	n-aah-g-ah
ToKill-Mactare	məta	m-aah-t-ah
ToKill-Occidere	uksi	u-k-s-e
ToFight	pupa	p-u-VdPalatalNasal-ah
ToFight-Battuere	batrə	b-ah-t-er-aah
ToHunt-Captiare	kəsa	k-aah-s-ah
ToCut	səɣa	s-aah-juh-ah
ToCut-Taliare	təʎa	t-aah-yuh-ah
ToSplit	dibidi	d-e-b-e-d-e
ToSplit-Findere	fəndrə	f-eh-n-d-er-aah
ToSplit-Partire	pərti	p-aah-r-t-e
ToSplit-Separare	səpəra	s-aah-p-aah-er-ah
ToStab	pupi	p-u-VdPalatalNasal-e
ToScratch	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	nəda	n-aah-d-ah
ToSwim-Navigare	nəbəga	n-aah-b-aah-g-ah
ToFly	bula	b-u-l-ah
ToWalk	kəmina	k-aah-m-e-n-ah
ToCome	bəni	b-aah-n-e
ToLieAsInABed	əstendrə	aah-s-t-ay-n-d-er-aah
ToLieAsInABed-lacere	zawrə	gzah-ah-w-er-aah
ToStand	əsta	aah-s-t-ah
ToStand-Levare	ʎəba	yuh-aah-b-ah
ToStand-Altiare	əlsa	aah-l-s-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Gyrare	zira	gzah-e-er-ah
ToTurnIntransitive-AncestralClass3	bira	b-e-er-ah
ToTurnIntransitive-Torquere	tərsə	t-euh-r-s-aah
ToFall	kawrə	k-ah-w-r-aah
ToFall-Tumbare	tumba	t-u-m-b-ah
ToGive	dar	d-ah-r
ToGive-Donare	duna	d-u-n-ah

Appendix 5 - Word Lists by Language

ToHold	təni	t-aah-n-e
ToSqueeze	əspremə	aah-s-p-er-ay-m-aah
ToSqueeze-Serrere	səra	s-aah-r-ah
ToSqueeze-Stringere	əstreɲə	aah-s-t-er-eh-VdPalatalNasal-aah
ToRub	frəga	f-er-aah-g-ah
ToRub-Frictiare	frəsa	f-er-aah-s-ah
ToWash	ʎəba	yuh-aah-b-ah
ToWipe-Extergere	əstərzi	aah-s-t-aah-r-gzah-e
ToWipe-Exsucare	əfuga	aah-shh-u-g-ah
ToPull	tira	t-e-er-ah
ToPull-Trahere	trəwrə	t-er-eh-w-er-aah
ToPush	əmpɛɲə	aah-m-p-eh-VdPalatalNasal-aah
ToThrow	xita	xha-e-t-ah
ToThrow-Lanceare	ʎənsa	yuh-aah-n-s-ah
ToTie	ʎiɣa	yuh-e-juh-ah
ToSew	kuzi	k-u-zz-e
ToCount	kumta	k-u-m-t-ah
ToCount-Numerare	numera	n-u-m-ay-er-ah
ToSay	di	d-e
ToSing-AncestralClass	kənta	k-aah-n-t-ah
ToPlay-Jiocare	zuga	gzah-u-g-ah
ToFloat	fluktua	f-l-u-k-t-u-ah
ToFlow	flui	f-l-u-e
ToFlow-Colare	kula	k-u-ssha-ah
ToFlow-Excurrere	əskorə	aah-s-k-oh-r-aah
ToFlow-Currere	korə	k-oh-r-aah
ToFreeze	zəla	gzah-aah-l-ah
ToFreeze-Glaciare	gləsa	g-l-aah-s-ah
ToSwell	imfla	e-m-f-l-ah
ToSwell-Crescere	kreɟə	k-er-ay-shh-aah
ToBurn-Cremare	krəma	k-r-aah-m-ah
ToBurn-Flammare	flama	f-ssha-ah-m-ah
ToBurn-Incendere	ənsendrə	aah-n-s-ay-n-d-er-aah
All-Totus	tot	t-oh-t
Many	mol	m-oh-l
Many-Tantus	tant	t-ah-n-t
Some	əɫgu	aah-l-g-u
Few	pək	p-euh-k
Other	altɹə	ah-l-t-er-aah
Big-Grandem	gran	g-r-ah-n
Long-Longum	ʎoŋ	yuh-oh-nya
Long-Largum	ʎark	yuh-ah-er-k
Wide-Amplum	amplə	ah-m-p-l-aah
Thick	gras	g-er-ah-s
Thick-Spissum	əspɛs	aah-s-p-eh-s
Thick-Grossus	grəs	g-er-euh-s
Heavy	grew	g-er-ay-w
Small	pətit	p-aah-t-e-t
Short	kurt	k-u-er-t
Short-Brevis	brew	b-er-ay-w
Narrow-Strictus	əstɹɛt	aah-s-t-er-eh-t
Thin	mənut	m-aah-n-u-t
Thin-Delicatus	dəlikat	d-aah-l-e-k-ah-t
Thin-Subtilis	suptil	s-u-p-t-e-l
Warm	kaɫ	k-ah-ssha
Cold	fɹɛt	f-er-eh-t
Full	pɫɛ	p-ssha-ch

Appendix 5 - Word Lists by Language

New	nəw	n-euh-w
Old	veʌ	v-ay-yuh
Good	bɒn	b-euh-n
Bad	mal	m-ah-l
Rotten	puðrit	p-u-dd-er-e-t
Straight	dɹet	d-er-eh-t
Round	rədo	r-aah-d-oh
SharpAsAKnife	əgut	aah-g-u-t
Smooth	suaw	s-u-ah-w
Smooth-Nitidus	net	n-eh-t
Dry	sek	s-eh-k
Near	proizme	p-er-oh-e-zz-m-ay
Near-AdPrope	əprɒp	aah-p-er-euh-p
Near-Vicinus	bəi	b-aah-e
Far	ʎunta	yuh-u-n-t-ah
Right-Dextrem	destrə	d-ay-s-t-er-aah
Red	rɒs	r-oh-s
Red-Vermiculus	bərmɛʌ	b-aah-r-m-eh-yuh
Red-Rubeus	rudʒe	r-u-VdPalatoAlveolarSibilant-ay
Green	vɛrt	v-eh-er-t
Yellow-Croceus	grɒk	g-er-euh-k
White	alb	ah-l-b
One	un	u-n
Two-Duos	dos	d-oh-s
Three	tɹɛs	t-r-eh-s
Four	kwatrə	k-w-ah-t-er-aah
Five	siŋk	s-e-nya-k
Here	aki	ah-k-e
There	əʎa	aah-yuh-ah
Who-Qui	ki	k-e
What	kɛ	k-eh
When-Quando	kwan	k-w-ah-n
How-Quomodo	kɔm	k-euh-m
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	ən	aah-n
In-Deintus	dins	d-e-n-s
And-Et	i	e
And-Si	si	s-e
Because-Quod	kə	k-aah

Walloon

Cognate	IPA	Sounds
I	dʒɪ	VdPalatoAlveolarSibilant-I
We	no	n-oh
YouPlural	vos	v-oh-s
YouSingular	ty	t-eeh
Woman	fœm	f-uuh-m
Woman-Domina	dɑm	d-ah-m
Child	ɛfɑ̃	eh-f-Nasala
Mother	mer	m-ay-r
Father	pɛr	p-eh-r
Animal-Bestia	bies	b-e-eh-s
Fish-Pescion	pɛhɔ̃	p-eh-h-on

Appendix 5 - Word Lists by Language

Bird-Avicellum	uħe	u-h-eh
Dog	ʈʂe	ts-ehnn
Louse	pju	p-jg-u
Snake	sɣerp̃e	s-jg-eh-r-p-ehnn
Worm	vjer	v-jg-ay-r
Tree	ɔp	euh-p
Stick	pa	p-a
Fruit	fryt	f-r-eeh-t
Seed-Sementis	simēs	s-e-m-ehnn-s
Seed-Granum	grin	g-r-e-n
Leaf	fɔj	f-mid_low_diphthong
Root-Radicina	resen	r-eh-s-eh-n
BarkOfATree-Skortea	hwes	h-w-eh-s
Flower	flœr	f-l-uuh-r
Grass	jep	jg-eh-p
Skin	kojin	k-oj_diphthong-e-n
Skin-Pellis	pɛ	p-eh
Meat	ʈʂar	ts-a-r
Blood	sɔg	s-oon-g
Bone	ɔħe	euh-h-eh
FatNoun-Crassia	krɔħ	k-r-euh-h
Egg	u	u
Horn	kwɛn	k-w-eh-n
Tail	kɔw	k-euh-w
Feather	plɔm	p-l-euh-m
Feather-Penna	pɛn	p-eh-n
Hair	pwɛl	p-w-eh-l
Hair-Capillus	dʒive	VdPalatoAlveolarSibilant-e-v-eh
Head	ʈʂes	ts-eh-s
Head-Testa	ʈʂes	ts-eh-s
Ear	ɔrɛj	euh-VIUvularTrill-ehj
Eye	uj	u-jg
Nose	ne	n-ay
Mouth	bɔk	b-euh-k
Mouth-Gula	gœj	g-uuh-jg
Tooth	dɛ	d-ehnn
Fingernail	ɔg	oon-g
Foot	pi	p-e
Leg-Gamba	dʒɔp	VdPalatoAlveolarSibilant-NasalA-p
Knee-Geniculum	ɣɔɔ	VdPalatalNasal-VdPalatalNasal-euh
Hand	mɛ	m-ehnn
Wing	ɛl	ay-l
Belly	vɛt	v-ehnn-t
Belly-Pantex	pās	p-NasalA-s
Neck	ko	k-oh
Back	do	d-oh
Back-Spatula	spal	s-p-ah-l
Breast-Pectorina	pwɛtrin	p-w-eh-t-r-e-n
Heart	kuk	k-u-rr
Heart-Anima	am	a-m
Liver	fœt	f-uuh-t
Sun-Soliculus	solo	s-euh-l-euh
Moon	lɔn	l-uuh-n
Star	stœl	s-t-uuh-l
Water	ɛw	eh-w
Rain	plɛf	p-l-eh-f
River-Rivus	re	r-eh

Appendix 5 - Word Lists by Language

River-Riparia	rivi:r	r-e-v-E-r
Lake	lak	l-ah-k
Sea	mer	m-ay-r
Salt	se	s-ay
Stone-Petra	piɤ	p-e-rr
Sand	aren	ah-r-eh-n
Sand-Sabulum	savjɔ̃	s-a-v-jg-oon
Earth	teɤ	t-ay-rr
Fog-Nebula	njyl	n-jg-eeh-l
Sky	sir	s-e-r
Wind	vɛ	v-ehnn
Snow	nivaj	n-e-v-aj
Ice-Glacies	glɛs	g-l-eh-s
Fire-Focus	fœ	f-uuh
Ash	sɛt	s-ehnn-t
Road	voj	v-oj_diphthong
Road-Camminus	ʃimɛ	ts-e-m-ehnn
Mountain	mɔ̃	m-oon
Mountain-Montanea	mɔ̃tap	m-oon-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	dʒu	VdPalatoAlveolarSibilant-u
Day-Diurnus	dʒu:	VdPalatoAlveolarSibilant-U
Year	ɑ̃	NasalA
Name-Nomen	nɔ̃	n-oon
Tongue	lɛv	l-ehnn-v
ToDrink	bø:ɤ	b-o-rr
ToEat-Manducare	mapi:	m-ah-VdPalatalNasal-E
ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:mi	v-O-m-e
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ki:ɤ	rr-E-rr
ToSee	vi:r	v-E-VIUvularTrill
ToHear	õr	on-VIUvularTrill
ToKnow-Sapere	savø:r	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	kinɔh	k-e-n-euh-h
ToThink-Pensare	pɛse	p-ehnn-s-ay
ToSmell-Sentire	sɛti	s-ehnn-t-e
ToSleep	dwaɤmi	d-w-ah-rr-m-e
ToDie	mɔri	m-euh-VIUvularTrill-e
ToKill-Tutari	tuwe	t-u-w-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHunt-Captiare	ʃɛsi:	ts-eh-s-E
ToCut-Taliare	tɛji:	t-eh-jg-E
ToSplit-Findere	fɛt	f-ehnn-t
ToSplit-Partire	pɔ:rti	p-LongOpenMidBackRounded-VIUvularTrill-t-e
ToSwim-Navigare	nɛdʒi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vɔle	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:rʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-Iacere	dʒere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	ɛs	eh-s
ToStand-Levare	lɔve	l-aah-v-ay
ToStand-Altiare	hɔ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:rne	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	viɤe	v-e-rr-ay
ToFall	ʃɛ:r	ts-Eh-VIUvularTrill

Appendix 5 - Word Lists by Language

ToFall-Tumbare	tume	t-u-m-ay
ToGive-Donare	dine	d-e-n-ay
ToHold	tini	t-e-n-e
ToSqueeze-Serare	sere	s-eh-VIUvularTrill-ay
ToSqueeze-Stringere	stringe	s-t-r-e-n-g-ay
ToRub	froj	f-r-oj_diphthong
ToRub-Frictare	fröte	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	suwe	s-u-w-ay
ToPull	tire	t-e-r-ay
ToPull-Pulsare	pu:si:	p-U-s-E
ToThrow	dʒete	VdPalatoAlveolarSibilant-eh-t-ay
ToThrow-Lanceare	lanci:	l-ah-n-tya-E
ToTie	lɔji:	l-mid_low_diphthong-E
ToSew	kø:z	k-o-zz
ToCount	köte	k-on-t-ay
ToSay	di:ʁ	d-E-rr
ToSing-AncestralClass	ʃäte	ts-NasalA-t-ay
ToPlay-Jiocare	dʒuwe	VdPalatoAlveolarSibilant-u-w-ay
ToFlow-Colare	köle	k-euh-l-ay
ToFlow-Currere	köri	k-euh-VIUvularTrill-e
ToFreeze	dʒale	VdPalatoAlveolarSibilant-ah-l-ay
ToSwell	ẽfle	ehn-f-l-ay
ToSwell-Conflare	gõfle	g-on-f-l-ay
All-Totus	tö	t-euh
Few	pö	p-on
Other	öt	on-t
Big-Grandem	gã	g-rr-NasalA
Long-Longum	lõ	l-on
Thick-Spissum	spe	s-p-eh
Heavy	grav	g-r-ah-v
Small	piti	p-e-t-e
Short	ku:ʁ	k-U-rr
Short-Brevis	bkef	b-rr-ay-f
Narrow-Strictus	stø:	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	su:ti	s-U-t-e
Warm	ʃõ	ts-on
Cold	frwe	f-VIUvularTrill-w-eh
Full	plẽ	p-l-ehn
New	nove	n-euh-v-eh
Old	vi:	v-E
Good	bö	b-on
Bad	mø:	m-LongOpenMidBackRounded
Straight	drø:	d-r-o
Round	rö	r-on
Dry	seff	s-eh-ts
Near-Pressus	pre	p-r-eh
Near-Vicinus	vizẽ	v-e-gzah-ehn
Red-Rubeus	rɔff	r-euh-ts
Green	veʁ	v-eh-rr
Yellow	dʒen	VdPalatoAlveolarSibilant-eh-n
One	õ	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o
Four	kwat	k-w-ah-t
Five	sẽk	s-ehn-k

Appendix 5 - Word Lists by Language

There	la	l-ah
Who-Qui	ki:	k-E
What	kwe:	k-w-Eh
When-Quando	kwand	k-w-ah-n-d
How-Quomodo	kɔmẽ	k-euh-m-ehnn
Not	nɔ̃	n-oon
Not-Nec	nẽ	n-ehn
At	a	ah
With-Abhoc	avu	ah-v-u
And-Et	ε	eh
And-Si	si	s-e
Because-Quod	ki:	k-E

Friulian

Cognate	IPA	Sounds
I	jo	jg-oh
We	no:	n-O
YouPlural	vo:	v-O
YouSingular	tu	t-u
Woman	femine	f-eh-m-e-n-eh
Woman-Mulier	mui:r	m-u-E-r
Woman-Domina	dɔne	d-euh-n-ay
Husband	mari:t	m-ah-r-E-t
Husband-Sponsus	spo:s	s-p-O-s
Mother	mari	m-ah-r-e
Father	pari	p-ah-r-e
Animal	nema:l	n-ay-m-A-l
Animal-Bestia	bis	b-e-s
Fish-Piskem	pɛs	p-eh-s
Bird-Avicellum	ufjel	u-ts-jg-eh-l
Dog	can	tya-ah-n
Louse	pedoli	p-ay-d-oh-l-e
Snake	sarpint	s-ah-r-p-e-n-t
Worm	vjer	v-jg-eh-r
Tree	arbul	ah-r-b-u-l
Forest	selve	s-eh-l-v-ay
Stick	pa:l	p-A-l
Fruit	frut	f-r-u-t
Seed-Sementis	semenʃe	s-ay-m-eh-n-ts-eh
Seed-Granum	gran	g-r-ah-n
Leaf	fwee	f-w-ay-ay
BarkOfATree-Skorteia	skwartse	s-k-w-ah-r-VIAIveolarSibilantAffricate-ay
Flower	flo:r	f-l-O-r
Grass	jarbe	jg-ah-r-b-ay
Skin-Pellis	pjel	p-jg-eh-l
Meat	ca:r	tya-A-r
Blood	saŋk	s-ah-nya-k
Bone	vwes	v-w-eh-s
Egg	u:f	U-f
Horn	kwa:r	k-w-A-r
Tail	kɔde	k-euh-d-eh
Feather	plume	p-l-u-m-eh
Feather-Penna	pene	p-eh-n-ay
Hair	pe:l	p-ai-l
Hair-Capillus	cavej	tya-ah-v-ayj

Appendix 5 - Word Lists by Language

Head	ca:f	tya-A-f
Head-Testa	teste	t-eh-s-t-ay
Ear	orele	oh-r-ay-l-ay
Eye	voli	v-oh-l-e
Nose	na:s	n-A-s
Mouth	bœce	b-euh-tya-eh
Mouth-Gula	gole	g-euh-l-ay
Tooth	dint	d-e-n-t
Fingernail	ɔŋgule	euh-nya-g-u-l-eh
Foot	pi:t	p-E-t
Leg-Gamba	jambe	VdPalatalStop-ah-m-b-ay
Leg-Petiolus	pekol	p-eh-k-oh-l
Knee-Geniculum	dʒenoli	VdPalatoAlveolarSibilant-ay-n-oh-l-e
Hand	maŋ	m-ah-nya
Wing	ale	ah-l-ay
Belly	vintri	v-e-n-t-r-e
Belly-Pantex	pantse	p-ah-n-VlAlveolarSibilantAffricate-ay
Neck	kwɛl	k-w-eh-l
Back	dwes	d-w-ay-s
Back-Spatula	spale	s-p-ah-l-eh
Breast	sen	s-ay-n
Breast-Pectus	pet	p-eh-t
Heart	ku:r	k-U-r
Heart-Anima	anime	ah-n-e-m-ay
Liver	fija:t	f-e-jg-A-t
Sun-Soliculus	soreli	s-oh-r-ay-l-e
Moon	lune	l-u-n-ay
Star	stele	s-t-eh-l-ay
Water	age	ah-g-ay
Rain	ploje	p-l-oh-jg-ay
River	flum	f-l-u-m
Lake	la:t	l-A-t
Sea	ma:r	m-A-r
Salt	sa:l	s-A-l
Stone-Petra	pje:re	p-jg-ai-r-ay
Sand-Sabulum	savalɔn	s-ah-v-ah-l-euh-n
Dust	pɔlvar	p-euh-l-v-ah-r
Earth	tjere	t-jg-eh-r-ay
Cloud-Nubilus	nu:l	n-U-l
Fog-Fumata	fumate	f-u-m-ah-t-ay
Sky	ʃi:l	ts-E-l
Wind	'vint	v-e-n-t
Snow	ne:f	n-ai-f
Ice-Glacies	glatʃe	g-l-ah-ts-ay
Smoke	fum	f-u-m
Fire-Focus	fu:k	f-U-k
Ash-Cinisia	ʃʃinize	ts-e-n-e-zz-eh
Mountain	mɔnt	m-euh-n-t
Mountain-Montanea	mɔntape	m-euh-n-t-ah-VdPalatalNasal-ay
Night	ɲot	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	ɖzornade	VdPalatoAlveolarAffricate-oh-r-n-ah-d-ay
Year	aŋ	ah-nya
Name-Nomen	nɔŋ	n-euh-nya
Tongue	'lenge	l-eh-n-g-eh
ToDrink	bevi	b-ay-v-e
ToEat-Manducare	manja:	m-ah-nya-VdPalatalStop-A

Appendix 5 - Word Lists by Language

ToBite	mwardi	m-w-ah-r-d-e
ToSuck	cuca:	tya-u-tya-A
ToSpit-Sputare	spuda:	s-p-u-d-A
ToBlow	sofla:	s-oh-f-l-A
ToBreathe	respira:	r-ay-s-p-e-r-A
ToLaugh	ridi	r-e-d-e
ToSee	vjodi	v-jg-oh-d-e
ToHear	uldi:	u-l-d-E
ToKnow-Sapere	save:	s-ah-v-ai
ToKnow-Cognoscere	koposi	k-oh-VdPalatalNasal-oh-s-e
ToThink-Pensare	penša:	p-ay-nya-s-A
ToSmell-Sentire	sinti:	s-e-n-t-E
ToFear	temi	t-ay-m-e
ToFear-Tremere	trima:	t-r-e-m-A
ToSleep	durmi:	d-u-r-m-E
ToLive	vivi	v-e-v-e
ToDie	muri:	m-u-r-E
ToKill-Mactare	maŋa:	m-ah-ts-A
ToFight-Battuere	bati	b-ah-t-e
ToHunt-Captiare	caŋa:	tya-ah-ts-A
ToHit	pulsa:	p-u-l-s-A
ToCut	sea:	s-ay-A
ToCut-Excurtare	skurta:	s-k-u-r-t-A
ToCut-Taliare	taja:	t-ah-jg-A
ToSplit	dividi	d-e-v-e-d-e
ToSplit-Partire	parti:	p-ah-r-t-E
ToSplit-Separare	separa:	s-ay-p-ah-r-A
ToScratch	rada:	r-ah-d-A
ToScratch-Rasare	rasa:	r-ah-s-A
ToDig-Cavare	java:	VdPalatalStop-ah-v-A
ToDig-Excavare	zjava:	zz-VdPalatalStop-ah-v-A
ToSwim	nada:	n-ah-d-A
ToSwim-Navigare	naviga:	n-ah-v-e-g-A
ToFly-Exvolare	zvola:	zz-v-oh-l-A
ToWalk	camina:	tya-ah-m-e-n-A
ToCome	vjni:	v-e-VdPalatalNasal-E
ToLieAsInABed-Iacere	jesi	jg-ay-s-e
ToSit-Sedentare	senta:	s-ay-n-t-A
ToStand	sta:	s-t-A
ToStand-Levare	leva:	l-ay-v-A
ToStand-Altiare	alŋa:	ah-l-ts-A
ToTurnIntransitive	torna:	t-oh-r-n-A
ToTurnIntransitive-Gyrate	ɖgira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	ɖgira:	VdPalatoAlveolarSibilant-e-r-A
ToFall	ŋjade	ts-jg-ah-d-ay
ToGive	da:	d-A
ToGive-Donare	dona:	d-oh-n-A
ToHold	tinji	t-e-n-jg-e
ToSqueeze	esprimi	ay-s-p-r-e-m-e
ToSqueeze-Stringere	strengi:	s-t-r-ch-n-g-E
ToRub	frea	f-r-ay-ah
ToWash	lava:	l-ah-v-A
ToWipe-Exsucare	suja:	s-u-jg-A
ToPull	tira:	t-e-r-A
ToPull-Pulsare	pulsa:	p-u-l-s-A
ToPull-Trahere	traj	t-r-aj
ToThrow-Lanceare	lanŋa:	l-ah-n-ts-A

Appendix 5 - Word Lists by Language

ToTie	lea:	l-ay-A
ToSew	kuzi	k-u-zz-e
ToCount	konta:	k-oh-n-t-A
ToCount-Numerare	numera:	n-u-m-ay-r-A
ToSay	di:	d-E
ToSing-AncestralClass	canta:	tya-ah-n-t-A
ToPlay-Jiocare	djuja:	VdPalatoAlveolarSibilant-u-jg-A
ToFlow-Excurrere	skori:	s-k-oh-r-E
ToFlow-Currere	kori	k-oh-r-e
ToFreeze-Glaciare	glafja:	g-l-ah-ts-A
ToSwell	enfla:	ay-n-f-l-A
ToSwell-Conflare	zglonfa:	zz-g-l-oh-nya-f-A
ToBurn-Flammare	flama:	f-l-ah-m-A
All-Totus	dut	d-u-t
Many	molc	m-oh-l-tya
Many-Tantus	tanc	t-ah-n-tya
Few	po:k	p-O-k
Other	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	gras	g-r-ah-s
Thick-Grossus	grwes	g-r-w-eh-s
Heavy	grevi	g-r-eh-v-e
Small-Pitulus	piɸful	p-e-ts-u-l
Short	kurt	k-u-r-t
Narrow-Strictus	stret	s-t-r-eh-t
Thin	minu:t	m-e-n-U-t
Thin-Subtilis	suti:l	s-u-t-E-l
Warm	calt	tya-ah-l-t
Cold	fre:t	f-r-ai-t
Cold-Recens	retsint	r-ay-VlAlveolarSibilantAffricate-e-n-t
Full	plen	p-l-eh-n
New	nu:f	VdPalatalNasal-U-f
Old	vjei	v-jg-ay-e
Good	bøn	b-euh-n
Bad	ma:l	m-A-l
Dirty-Spurcus	spørk	s-p-euh-r-k
Straight	dret	d-r-eh-t
Round	tarønt	t-ah-r-euh-n-t
Smooth-Nitidus	net	n-eh-t
Wet	umid	u-m-e-d
Dry	sek	s-eh-k
Near	prosim	p-r-oh-s-e-m
Near-Vicinus	viɸin	v-e-ts-e-n
Far	lontan	l-oh-n-t-ah-n
Right-Dextrem	djestri	d-jg-ay-s-t-r-e
Left	sijestri	s-e-VdPalatalNasal-ay-s-t-r-e
Red	ros	r-euh-s
Green	vert	v-eh-r-t
One	uɸ	u-nya
Two-Duos	doj	d-oj_diphthong
Three	'tre:	t-r-ai
Four	kwatri	k-w-ah-t-r-e
Five	'ɸiɸk	ts-e-nya-k
Here	aki	ah-k-e
Who-Qui	kwi	k-w-e

Appendix 5 - Word Lists by Language

What	ʃe	ts-ay
When-Quando	kwant	k-w-ah-n-t
How-Quomodo	ʃemu:t	ts-ay-m-U-t
Not	no	n-oh
At	a	ah
And-Et	e	ay
And-Si	si	s-e
Because-Quod	ke	k-ay

Romanian

Cognate	IPA	Sounds
I	jew	jg-ay-w
We	noj	n-øj_diphthong
YouPlural	voj	v-øj_diphthong
YouSingular	tu	t-u
Woman	femeje	f-ay-m-ay-jg-ay
Woman-Mulier	mujere	m-u-jg-ay-r-ay
Woman-Domina	doamnə	d-oaa-m-n-aah
Husband	mərit	m-aah-r-e-t
Husband-Socius	sots	s-oh-VlAlveolarSibilantAffricate
Father-Tata	tatə	t-ah-t-aah
Animal	nəmaje	n-aah-m-ah-jg-ay
Fish-Piskem	peʃte	p-ay-shh-t-ay
Bird-Passerem	pasəre	p-ah-s-aah-er-ay
Dog	kijne	k-eeej-n-ay
Louse	pədukje	p-aah-d-u-k-jg-ay
Snake	ʃarpe	shh-ah-er-p-ay
Worm	vjerme	v-jg-ay-r-m-ay
Tree	arbore	ah-r-b-oh-r-ay
Stick	par	p-ah-er
Fruit	frukt	f-r-u-k-t
Seed-Sementis	səminʃə	s-aah-m-eee-n-ts-aah
Seed-Granum	grīw	g-r-iw
Leaf	foaje	f-oaa-jg-ay
Leaf-Frondea	frunzə	f-er-u-n-zz-aah
Root-Radicina	rədəʃjīnə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skorteia	skoartə	s-k-oaa-er-VlAlveolarSibilantAffricate-aah
Flower	floare	f-l-oaa-er-ay
Grass	jarbə	jg-ah-er-b-aah
Rope	funje	f-u-n-jg-ay
Skin-Pellis	pjele	p-jg-ay-l-ay
Meat	karne	k-ah-er-n-ay
Blood	sindʒe	s-eee-n-VdPalatoAlveolarSibilant-ay
Bone	os	oh-s
Egg	ow	oh-w
Horn	korn	k-oh-r-n
Tail	coadă	tya-oaa-d-aah
Feather-Penna	panə	p-ah-n-aah
Hair	pər	p-aah-er
Head	kap	k-ah-p
Head-Testa	tseastə	VlAlveolarSibilantAffricate-eaha-s-t-aah
Ear	ureke	u-r-ay-k-ay
Eye	okī	oh-kpalatal
Nose	nas	n-ah-s
Mouth	bukə	b-u-k-aah

Appendix 5 - Word Lists by Language

Mouth-Gula	gurə	g-u-er-aah
Tooth	dinte	d-e-n-t-ay
Fingernail	ungje	u-n-g-jg-ay
Foot	piez	p-e-ay-zz
Leg-Gamba	gambə	g-ah-m-b-aah
Leg-Petiolus	piŋʃjor	p-e-ts-jg-oh-r
Knee-Geniculum	dʒenunki	VdPalatoAlveolarSibilant-ay-n-u-n-kpalatal
Hand	minə	m-eee-n-aah
Belly	vintre	v-e-n-t-r-ay
Belly-Pantex	pintetʃe	p-eee-n-t-ay-ts-ay
Back	do	d-oh
Back-Spatula	spate	s-p-ah-t-ay
Breast	san	s-ah-n
Breast-Pectus	pjept	p-jg-ay-p-t
Heart-Anima	inimə	e-n-e-m-aah
Liver	fikat	f-e-k-ah-t
Sun	soare	s-oaa-er-ay
Moon	lunə	l-u-n-aah
Star	stea	s-t-eaha
Water	apə	ah-p-aah
Rain	ploaje	p-l-oaa-jg-ay
River-Rivus	riw	r-eee-w
Lake	lak	l-ah-k
Sea	mare	m-ah-r-ay
Salt	sare	s-ah-r-ay
Stone-Petra	pjatrə	p-jg-ah-t-er-aah
Sand	arinə	ah-r-e-n-aah
Dust	pulbere	p-u-l-b-ay-r-ay
Earth	tsərə	VlAlveolarSibilantAffricate-ah-r-aah
Cloud-Nubilus	nor	n-oh-r
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	ʃeəʃə	ts-eaha-ts-aah
Sky	ʃer	ts-ay-er
Wind	vint	v-eee-n-t
Snow	neɹə	n-eaha
Ice	dʒer	VdPalatoAlveolarSibilant-ay-r
Ice-Glacies	geatsə	g-eaha-VlAlveolarSibilantAffricate-aah
Smoke	fum	f-u-m
Fire-Focus	fok	f-oh-k
Ash-Cinisia	ʃenuʃə	ts-ay-n-u-shh-aah
Mountain	muntə	m-u-n-t-eh
Night	noapte	n-oaa-p-t-ay
Day	zi	zz-e
Year	an	ah-n
Name-Nomen	nume	n-u-m-ay
Tongue	limbə	l-e-m-b-aah
ToDrink	beɹə	b-eaha
ToEat-Manducare	minka	m-eee-n-k-ah
ToBite-Morsicare	murseka	m-u-r-s-ay-k-ah
ToSuck	sudʒe	s-u-VdPalatoAlveolarSibilant-ay
ToSpit-Exconspuere	skujpa	s-k-u-jg-p-ah
ToVomit	voame	v-oaa-m-ay
ToBlow	sufla	s-u-f-l-ah
ToLaugh	ride	er-eee-d-ay
ToSee	vedea	v-ay-d-eaha
ToHear	auzi	au-zz-e
ToKnow	ʃti	shh-t-e

Appendix 5 - Word Lists by Language

ToKnow-Cognoscere	kunoaʃte	k-u-n-oaa-shh-t-ay
ToThink	kudʒeta	k-u-VdPalatoAlveolarSibilant-ay-t-ah
ToThink-Pensare	pəsa	p-aah-s-ah
ToSmell-Sentire	simtsi	s-e-m-VlAlveolarSibilantAffricate-e
ToFear	teme	t-ay-m-ay
ToSleep	dormi	d-oh-r-m-e
ToLive	via	v-e-ah
ToDie	muri	m-u-r-e
ToKill	neka	n-ay-k-ah
ToKill-Occidere	uʃʃide	u-ts-e-d-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHit	pulsa	p-u-l-s-ah
ToCut-Excurtare	skurta	s-k-u-r-t-ah
ToCut-Taliare	taja	t-aah-jg-ah
ToSplit	divide	d-e-v-e-d-ay
ToSplit-Separare	separa	s-ay-p-ah-r-ah
ToStab	pundʒe	p-u-n-VdPalatoAlveolarSibilant-ay
ToScratch	rade	r-ah-d-ay
ToSwim-Navigare	naviga	n-ah-v-e-g-ah
ToFly-Exvolare	zbura	zz-b-u-cr-ah
ToWalk-Mergere	merdʒe	m-ay-r-VdPalatoAlveolarSibilant-ay
ToCome	veni	v-ay-n-e
ToLieAsInABed	ekstinde	ay-k-s-t-e-n-d-ay
ToLieAsInABed-lacere	zəʃʃeə	zz-aah-ts-eaha
ToSit	ʃedeə	shh-ay-d-eaha
ToStand	sta	s-t-ah
ToStand-Levare	lua	l-u-ah
ToTurnIntransitive	turna	t-u-r-n-ah
ToTurnIntransitive-Torquere	toarʃʃe	t-oaa-r-ts-ay
ToFall	kədeə	k-aah-d-eaha
ToGive	da	d-ah
ToHold	tsine	VlAlveolarSibilantAffricate-e-n-ay
ToSqueeze	skreme	s-k-r-ay-m-ay
ToSqueeze-Stringere	strindʒe	s-t-r-eee-n-VdPalatoAlveolarSibilant-ay
ToRub	freka	f-r-ay-k-ah
ToWash	la	l-ah
ToWipe-Extergere	ʃterdʒe	shh-t-ay-r-VdPalatoAlveolarSibilant-ay
ToWipe-Exsucare	uska	u-s-k-ah
ToPull-Pulsare	pulsa	p-u-l-s-ah
ToPull-Trahere	tradʒe	t-r-ah-VdPalatoAlveolarSibilant-ay
ToPush	impindʒe	eee-m-p-e-n-VdPalatoAlveolarSibilant-ay
ToThrow-Eruncare	aruŋka	ah-er-u-nya-k-ah
ToTie	lega	l-ay-g-ah
ToSew	coase	tya-oaa-s-ay
ToCount-Numerare	numara	n-u-m-ah-r-ah
ToSay	ziʃʃe	zz-e-ts-ay
ToSay-Exponere	spune	s-p-u-n-ay
ToSing-AncestralClass	kinta	k-eee-n-t-ah
ToPlay-Jiocare	zuka	gzah-u-k-ah
ToFloat	fluctua	f-l-u-tya-t-u-ah
ToFlow-Excurrere	skurdʒe	s-k-u-er-VdPalatoAlveolarSibilant-ay
ToFlow-Currere	kurdʒe	k-u-er-VdPalatoAlveolarSibilant-ay
ToFreeze-Inglaciare	ingetsa	eee-n-g-ay-VlAlveolarSibilantAffricate-ah
ToSwell	umfla	u-m-f-l-ah
ToSwell-Crescere	krefte	k-er-ay-shh-t-ay
ToBurn-Ardere	arde	ah-er-d-ay
ToBurn-Incendere	inʃʃindʒe	eee-n-ts-e-n-d-gzah-ay

Appendix 5 - Word Lists by Language

ToBurn-Ustulare	ustura	u-s-t-u-r-ah
All-Totus	tot	t-oh-t
Many	mult	m-u-l-t
Other	alt	ah-l-t
Big-Majjorem	mare	m-ah-er-ay
Long-Longum	lung	l-u-n-g
Long-Largum	larg	l-ah-r-g
Wide	lat	l-ah-t
Thick	gras	g-r-ah-s
Thick-Grossus	gros	g-r-oh-s
Heavy	grew	g-er-ay-w
Small-Pittinus	putsin	p-u-VAlveolarSibilantAffricate-e-n
Narrow	ingust	eee-nya-g-u-s-t
Narrow-Strictus	strimt	s-t-r-eee-m-t
Thin	mərunt	m-aah-r-u-n-t
Thin-Subtilis	subtsire	s-u-b-VAlveolarSibilantAffricate-e-r-ay
Warm	kald	k-ah-l-d
Cold-Recens	reffe	r-ay-ts-ay
Full	plin	p-l-e-n
New	now	n-oh-w
Old	vekʲ	v-ay-kpalatal
Good	bun	b-u-n
Rotten	putred	p-u-t-r-ay-d
Dirty-Spurcus	spurk	s-p-u-r-k
Straight	drept	d-r-ay-p-t
Round	rætund	r-aah-t-u-n-d
Smooth-Nitidus	neted	n-ay-t-ay-d
Wet	umed	u-m-ay-d
Wet-Udus	ud	u-d
Dry	sek	s-ay-k
Near-AdPrope	aproape	ah-p-r-oaa-p-ay
Near-Vicinus	veʃin	v-ay-ts-e-n
Red	roʃu	er-oh-shh-u
Red-Rubeus	rojb	r-oj_diphthong-b
Green	verde	v-ay-er-d-ay
Yellow	galben	g-ah-l-b-ay-n
White	alb	ah-l-b
One	unu	u-n-u
Two-Duos	doj	d-oj_diphthong
Two-Duae	dowə	d-oh-w-aah
Three	trej	t-r-ayj
Four	patru	p-ah-t-r-u
Five	ʃinʃ	ts-e-n-ts
There	la	l-ah
Who-Quem	ʃine	ts-e-n-ay
What	ʃe	ts-ay
When-Quando	kind	k-eee-n-d
How-Quomodo	kum	k-u-m
Not	nu	n-u
At	a	ah
In-In	in	eee-n
With-Cum	ku	k-u
And-Et	e	ay
And-Si	ʃi	shh-e
Because-Quod	kə	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		ɨ		u
Near-close		ɪ		ʊ	
Close-mid	e • ø		ə		o
Mid					
Open-mid		œ • ε			ɔ
Near-open			ɐ		
Open		a			ɑ

Long-Vowel

	Front	Near-Front	Central	Near-Back	Back
Close	iː				uː
Near-close					
Close-mid					
Mid	eː				oː
Open-mid		ɛː			ɔː
Near-open					
Open	øː		aː		

Nasal-Vowel

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

Appendix 6 - Segment Groups

Long-Nasal-Vowel

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

Vowel-Diphthong

	Front	Near-Front	Central	Near-Back	Back
Close			ɪj • iʷ		
Near-close					
Close-mid					oj
Mid	ej				
Open-mid		ɛj			ɔj
Near-open		aj	əj		
Open			aʊ		

Nasal-Vowel-Diphthong

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

Vowel-Non-Sylabic

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

Appendix 6 - Segment Groups

Close-mid					
Mid					
Open-mid					
Near-open					
Open					

Vowel-Diphthong-Non-Sylabic

	Front	Near-Front	Central	Near-Back	Back
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											
Nasal	m				n			ɲ	ŋ		
Stop	p b	k ^w g ^w			t d			c ɟ	k g		
Sibilant, Fricative					s z	ʃ ʒ					
Fricative	β		f v	θ ð				j	x ɣ	ʁ	h
Approximant							ɻ	j			
Tap/Flap					r						
Trill					r					R	
Lateral, Fricative											
Lateral, Approximant					l			ʎ			
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	

Appendix 6 - Segment Groups

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

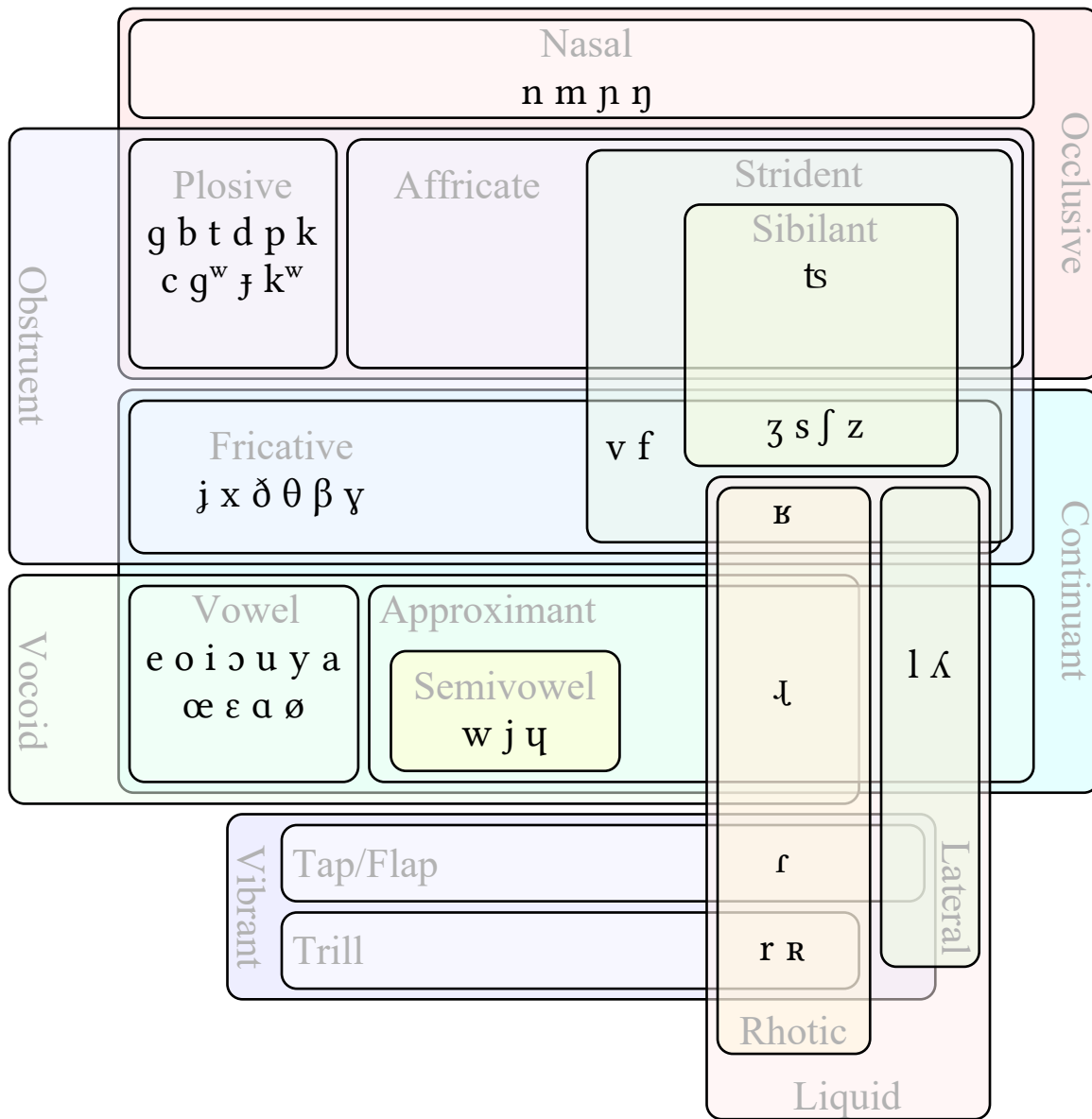
Manner
Central
Lateral

Shaded areas denote articulations judged to be impossible.

Other Segments

W	Labial-Velar Vocoid Semivowel Voiced Approximant	ɖʒ	Palato-Alveolar Voiced Sibilant Affricate
	Continuant Labial Velar		
ɭ	Alveolar Voiced Velarized Pulmonic Lateral Approximant	ɥ	Labial-Palatal Vocoid Semivowel Voiced Approximant
			Continuant Palatalized Labial
dz	Alveolar Voiced Sibilant Affricate	ɟ̞	Palatal Nasal Approximant

Appendix 7 - Euler Feature Diagram



Appendix 8 - International Phonetic Alphabet

IPA Segments

ẽj 0250, 0303, 006A, 0303 Near-open Central Nasal Vowel Diphthong	ẽw̃ 0250, 0303, 0077, 0303 Open Central Nasal Vowel Diphthong	au̯ 0061, 0075, 032F Open Central Vowel Diphthong	ẽa 0065, 032F, 0061 Close-mid Front Vowel Diphthong Non-Syllabic
ɔa 006F, 032F, 0061 Close-mid Back Vowel Diphthong Non-Syllabic	ẽj̃ 1EBD, 006A, 0303 Mid Front Nasal Vowel Diphthong	aj 0061, 006A Near-open Near-Front Vowel Diphthong	a: 0061, 02D0 Open Central Vowel Long Vowel Continuant
ej 0065, 006A Mid Front Vowel Diphthong	e: 0065, 02D0 Mid Front Vowel Long Vowel Continuant	i: 0069, 02D0 Close Front Vowel Long Vowel Continuant	ĩ 006A, 0303 Palatal Nasal Approximant
kʲ 006B, 02B2 Palatal Stop Palatalized	kʷ 006B, 02B7 Labial-Velar Pulmonic Stop Occlusive Labial Velar	oj 006F, 006A Close-mid Back Vowel Diphthong	o: 006F, 02D0 Mid Back Rounded Vowel Long Vowel Continuant
u: 0075, 02D0 Close Back Rounded Long Vowel	ø: 00F8, 02D0 Open Front Rounded Vowel Long Vowel	œ̃ 0153, 0303 Open-mid Near-Front Rounded Nasal Vowel Diphthong	ɛj 0250, 006A Near-open Central Vowel Diphthong
ẽ 0250, 0303 Near-open Central Rounded Nasal Vowel	ã 0251, 0303 Near-close Back Nasal Vowel	ɔj 0254, 006A Open-mid Back Vowel Diphthong	ɔ: 0254, 02D0 Open-mid Back Rounded Vowel Long Vowel Continuant
õ 0254, 0303 Open-mid Back Rounded Nasal Vowel	ɛj 025B, 006A Open-mid Near-Front Vowel Diphthong	ɛ: 025B, 02D0 Open-mid Near-Front Vowel Long Vowel Continuant	ẽ 025B, 0303 Open-mid Near-Front Nasal Vowel

Appendix 8 - International Phonetic Alphabet

g^w	ij	iw	a
0261, 02B7 Labial-Velar Voiced Pulmonic Stop Occlusive Labial Velar	0268, 006A Close Central Vowel Diphthong	0268, 0077 Close Central Vowel Diphthong	0061 Open Near-Front Vocoid Vowel Continuant Parent Vowel
b	c	d	e
0062 Bilabial Voiced Pulmonic Stop Occlusive	0063 Palatal Pulmonic Stop Occlusive	0064 Alveolar Voiced Pulmonic Stop Occlusive	0065 Close-mid Front Vocoid Vowel Continuant Parent Vowel
f	h	i	j
0066 Labio-Dental Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0068 Glottal Pulmonic Fricative	0069 Close Front Vocoid Vowel Continuant Parent Vowel	006A Palatal Vocoid Semivowel Voiced Pulmonic Approximant Continuant
k	l	m	n
006B Velar Pulmonic Stop Occlusive	006C Alveolar Vocoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	006D Bilabial Voiced Pulmonic Nasal Occlusive	006E Alveolar Voiced Pulmonic Nasal Occlusive
o	p	r	s
006F Close-mid Back Rounded Vocoid Vowel Continuant Parent Vowel	0070 Bilabial Pulmonic Stop Occlusive	0072 Alveolar Voiced Pulmonic Trill Rhotic Vibrant Liquid	0073 Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant
t	u	v	w
0074 Alveolar Pulmonic Stop Occlusive	0075 Close Back Rounded Vocoid Vowel Continuant Parent Vowel	0076 Labio-Dental Voiced Pulmonic Fricative Strident Obstruent Continuant Labial Dental	0077 Labial-Velar Vocoid Semivowel Voiced Approximant Continuant Labial Velar
x	y	z	ð
0078 Velar Pulmonic Fricative Obstruent Continuant	0079 Close Front Rounded Vocoid Vowel Continuant Parent Vowel	007A Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	00F0 Dental Voiced Pulmonic Fricative Obstruent Continuant Dental

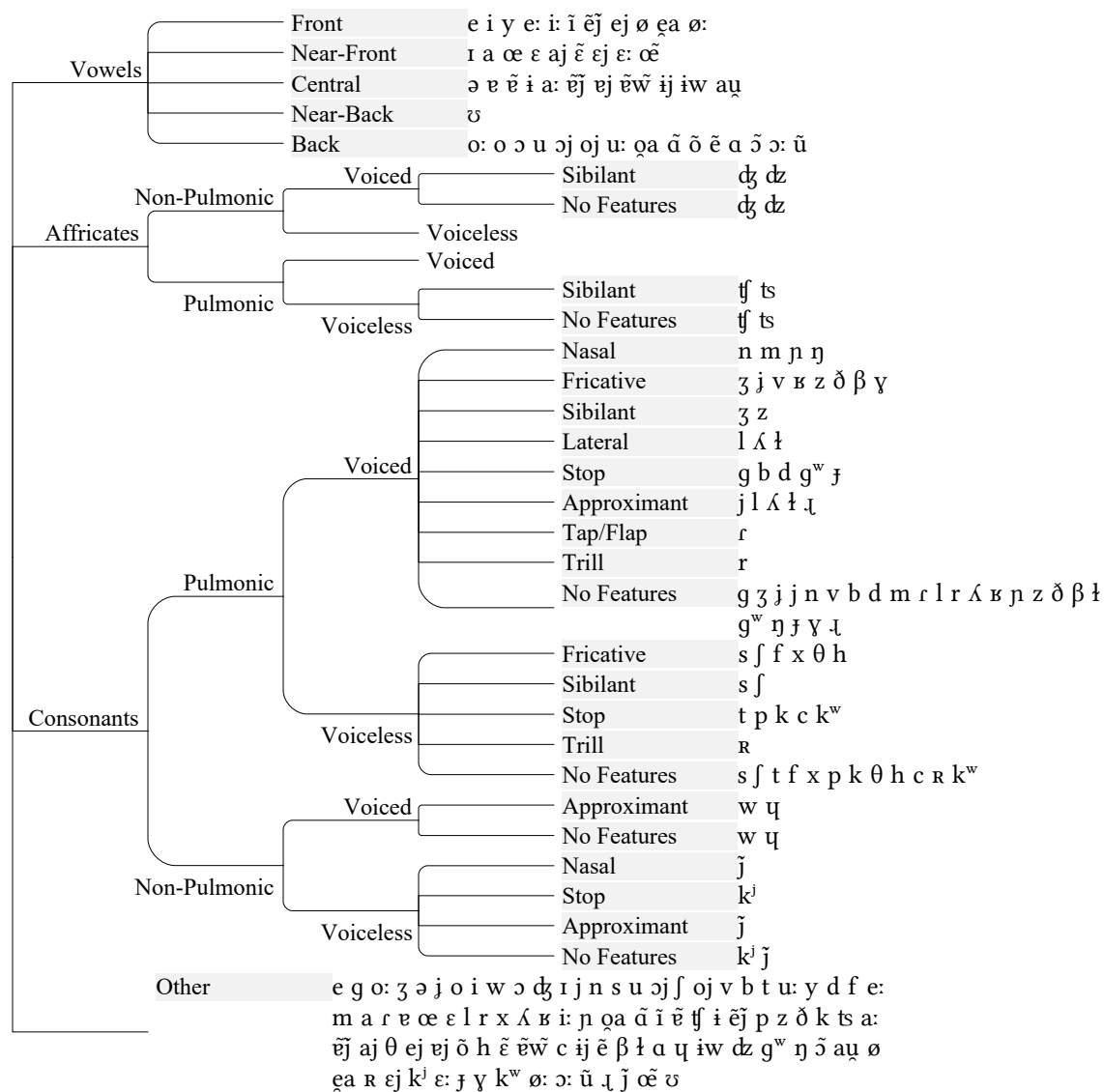
Appendix 8 - International Phonetic Alphabet

<p style="text-align: center;">õ</p> <p style="text-align: center;">00F5</p> <p style="text-align: center;">Close-mid Back Rounded Nasal Vowel</p>	<p style="text-align: center;">ø</p> <p style="text-align: center;">00F8</p> <p style="text-align: center;">Close-mid Front Rounded Vocoid Vowel Continuant Parent Vowel</p>	<p style="text-align: center;">ĩ</p> <p style="text-align: center;">0129</p> <p style="text-align: center;">Close Front Nasal Vowel</p>	<p style="text-align: center;">ŋ</p> <p style="text-align: center;">014B</p> <p style="text-align: center;">Velar Voiced Pulmonic Nasal Occlusive</p>
<p style="text-align: center;">œ</p> <p style="text-align: center;">0153</p> <p style="text-align: center;">Open-mid Near-Front Rounded Vocoid Vowel Continuant</p>	<p style="text-align: center;">ũ</p> <p style="text-align: center;">0169</p> <p style="text-align: center;">Open Back Nasal Vowel</p>	<p style="text-align: center;">ɐ</p> <p style="text-align: center;">0250</p> <p style="text-align: center;">Near-open Central Rounded Vowel Parent Vowel</p>	<p style="text-align: center;">ɑ</p> <p style="text-align: center;">0251</p> <p style="text-align: center;">Open Back Vocoid Vowel Continuant Parent Vowel</p>
<p style="text-align: center;">ɔ</p> <p style="text-align: center;">0254</p> <p style="text-align: center;">Open-mid Back Rounded Vocoid Vowel Continuant Parent Vowel</p>	<p style="text-align: center;">ə</p> <p style="text-align: center;">0259</p> <p style="text-align: center;">Close-mid Central Vowel Parent Vowel</p>	<p style="text-align: center;">ɛ</p> <p style="text-align: center;">025B</p> <p style="text-align: center;">Open-mid Near-Front Vocoid Vowel Continuant Parent Vowel</p>	<p style="text-align: center;">ɟ</p> <p style="text-align: center;">025F</p> <p style="text-align: center;">Palatal Voiced Pulmonic Stop Occlusive</p>
<p style="text-align: center;">g</p> <p style="text-align: center;">0261</p> <p style="text-align: center;">Velar Voiced Pulmonic Stop Occlusive</p>	<p style="text-align: center;">ɣ</p> <p style="text-align: center;">0263</p> <p style="text-align: center;">Velar Voiced Pulmonic Fricative Obstruent Continuant</p>	<p style="text-align: center;">ɸ</p> <p style="text-align: center;">0265</p> <p style="text-align: center;">Labial-Palatal Vocoid Semivowel Voiced Approximant Continuant Palatalized Labial</p>	<p style="text-align: center;">ɪ</p> <p style="text-align: center;">0268</p> <p style="text-align: center;">Close Central Vowel Parent Vowel</p>
<p style="text-align: center;">ɪ</p> <p style="text-align: center;">026A</p> <p style="text-align: center;">Near-close Near-Front Vowel Parent Vowel</p>	<p style="text-align: center;">ɭ</p> <p style="text-align: center;">026B</p> <p style="text-align: center;">Alveolar Voiced Velarized Pulmonic Lateral Approximant</p>	<p style="text-align: center;">ɲ</p> <p style="text-align: center;">0272</p> <p style="text-align: center;">Palatal Voiced Pulmonic Nasal Occlusive</p>	<p style="text-align: center;">ɻ</p> <p style="text-align: center;">027B</p> <p style="text-align: center;">Retroflex Vocoid Voiced Pulmonic Approximant Rhotic Liquid</p>
<p style="text-align: center;">ɾ</p> <p style="text-align: center;">027E</p> <p style="text-align: center;">Alveolar Voiced Pulmonic Tap/Flap Rhotic Vibrant Liquid</p>	<p style="text-align: center;">ʀ</p> <p style="text-align: center;">0280</p> <p style="text-align: center;">Uvular Pulmonic Trill Rhotic Vibrant Liquid</p>	<p style="text-align: center;">ʁ</p> <p style="text-align: center;">0281</p> <p style="text-align: center;">Uvular Voiced Pulmonic Fricative Rhotic Strident Obstruent Continuant Liquid</p>	<p style="text-align: center;">ʂ</p> <p style="text-align: center;">0283</p> <p style="text-align: center;">Post-Alveolar Pulmonic Sibilant Fricative Strident Obstruent Continuant</p>

Appendix 8 - International Phonetic Alphabet

ʊ	ɰ	ɜ	j
028A	028E	0292	029D
Near-close Near-Back Rounded Vowel	Palatal Vowoid Voiced Pulmonic Lateral Approximant Rhotic Liquid	Post-Alveolar Voiced Pulmonic Sibilant Fricative Strident Obstruent Continuant	Palatal Voiced Pulmonic Fricative Obstruent Continuant
dz	dʒ	ts	tʃ
02A3	02A4	02A6	02A7
Alveolar Voiced Sibilant Affricate	Palato-Alveolar Voiced Sibilant Affricate	Alveolar Pulmonic Sibilant Affricate Occlusive Strident	Palato-Alveolar Pulmonic Sibilant Affricate
β	θ	ẽ	
03B2	03B8	1EBD	
Bilabial Voiced Pulmonic Fricative Obstruent Continuant	Dental Pulmonic Fricative Obstruent Continuant Dental	Close Back Nasal Vowel	

Appendix 9 - Feature Tree

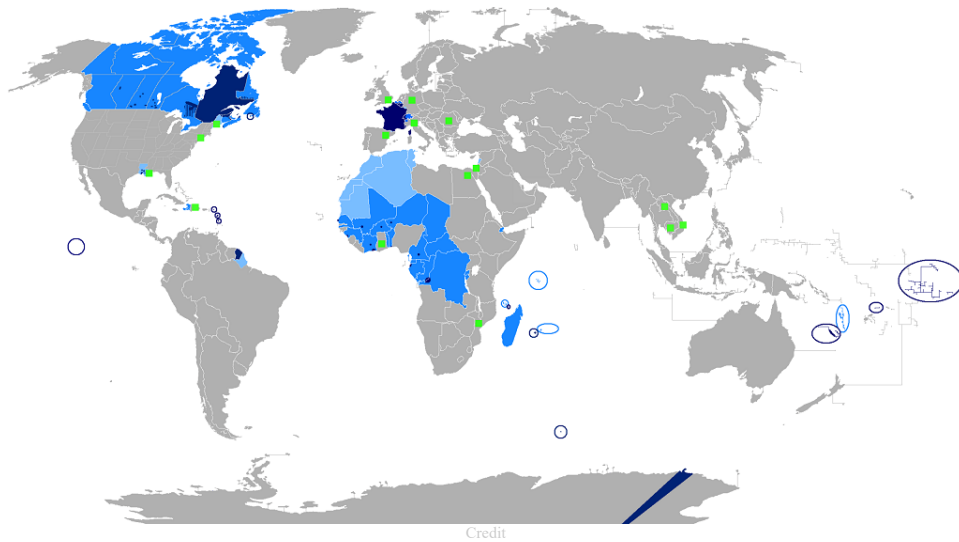


Appendix 10 - Diacritics

Diacritics

Undefined escape character	~	Nasalized	..	Centralized
Advanced	-	Retracted	˘	RisingTone
Voiceless	ɰ	Implosive	̣	Syllabic
Ejective	ʕ	Pharyngealized	ˆ	Falling tone
Non-syllabic	˚	No audible release	˚	Rhotic hook
Advanced tongue root	ɿ	Apical	˚	Extra low tone
Less rounded	ɿ	Dental	˚	Velarized or Pharyngealized
↘ Global fall	ɿ	Velarized	˚	High tone
h Aspirated	j	Palatalized	˚	Creaky voiced
˘ Low tone	l	Lateral release	-	Mid tone
◻ Laminal	˚	Linguo-Labial	n	Nasal release
˚ More rounded	ɿ	Lowered	ɿ	Retracted tongue root
↗ Global rise	ɿ	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
ɸ 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		

French

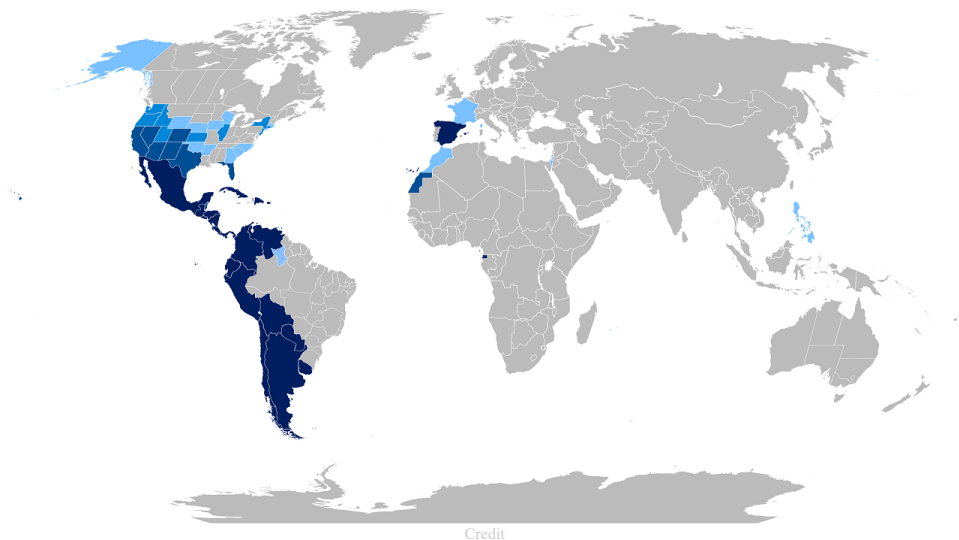


A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically 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.

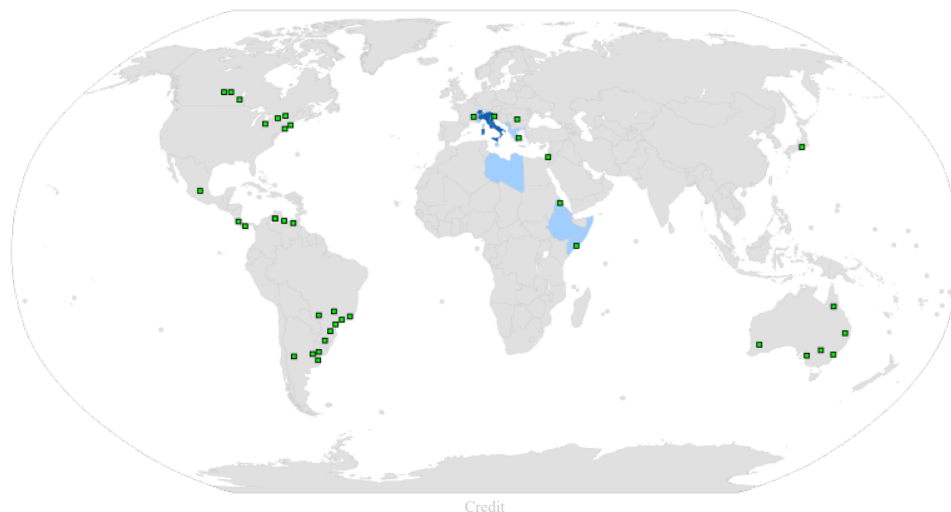
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the 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

Appendix 11 - Languages

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.

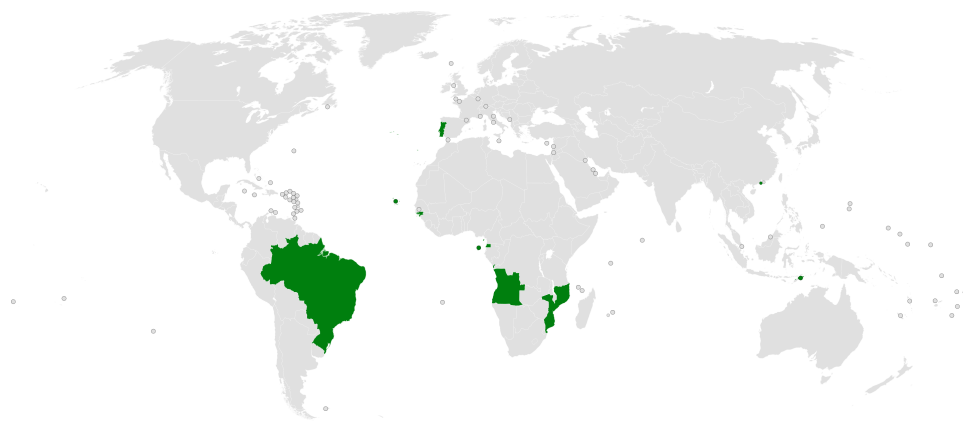
Brazilian Portuguese



Credit

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, Guinea-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



Catalan (/ˈkætələn, -æn, ˌkætəˈlæn/; autonym: *català* or *llengua catalana*; Eastern Catalan: [kətəˈla]), known in the Valencian Community and Carche as Valencian, is 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

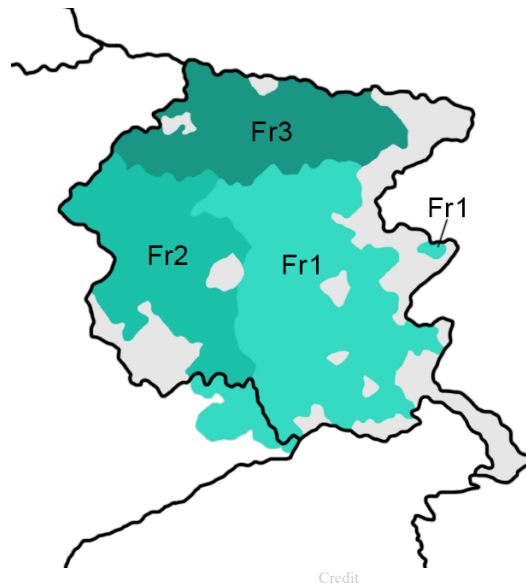


Appendix 11 - Languages

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



Friulian (/friˈuːliən/ free-OO-lee-ən) or Friulan (natively About this soundfurlan or marilenghe; Italian: friulano; German: Furlanisch; Slovene: furlanščina) is 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 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



Romanian (obsolete spellings: Rumanian or Roumanian; autonym: *limba română* ['limba ro'minə] (About this soundlisten), or *românește*, lit. 'in Romanian') is 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".