

[illegible]

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

ɖ → ʃ

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

ə → ẽj

In.In	
ə	n
ẽj	-

ə → ẽj

In.In	
ə	n
ẽj	-

ə → ð

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

ɖ → ʃ

Red.Rubeus							
r	u	-	ɖ	e	-	-	-
r	ɔ	-	ʃ	-	-	-	-

ə → ɔ

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

ə → u:

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

œ → ð

One.Primary			
œ	-	-	-
ð	-	-	-

ə → oj

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

i → ɛ:

What.Primary			
k	-	i	-
k	w	ɛ:	-

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							
ī	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	-
p	l	u	-	w	i

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	-
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	-	-	ɣ	-	-

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	f	t	r	-	ej	-	-	t	u

i → y

River.Rivus			
r	i	-	w
ɣ	y	-	-

i → ẽj

In.In	
i	n
ẽj	-

i → ẽj

In.In	
i	n
ẽj	-

i → ã

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

œ → u:

One.Primary			
œ	-	-	-
u:	n	u	s

ej → a:

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

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	-

$\emptyset \rightarrow \text{ej}$

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

$\emptyset \rightarrow \text{ej}$

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

$\emptyset \rightarrow \text{y}$

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

$\emptyset \rightarrow \tilde{o}$

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

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

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

$z \rightarrow \text{dz}$

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

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	a	-	-	r	e

n → b

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

n → k

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

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			
ɔ̃	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	ɔ̃	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									
ɟ	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	-	ε	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	ε	-	-

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 → εj

ToRub.Primary							
f	r	oj	-	-	-	-	-
f	ʁ	εj	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:	-	-	-	-	-	-	-

ɖʒ → dz

Day.Diurnata									
ɖʒ	-	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	-	-	-	-	-	-	-
ɖʒ	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 ɟ - 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	ʁ	d	-	ʁ	-	t	ɔ	ʁ	d	-	ʁ	-
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					
ʁ	o	-	ʃ	ʊ	-	ʁ	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 - tʃ ɛ a - -	z ə - tʃ 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 - - -
- œ - j - - -	- u - j - - -

p → ɣ

Water.Primary	Water.Primary
a - p - ə	a - p - ə
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 R ej - - -	v ε ɤ m ej - - -
u r ε - - ʌ ə	b ə r m ε - - ʌ -

iw → ẽw̃

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

ʈʃ → d

ToTurnIntransitive.Torquere	ToTurnIntransitive.Torquere
t ɔ r ʈʃ e r e	t ɔ a r ʈʃ 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	$i\tilde{w}$	-	-	g	r	$i\tilde{w}$	-	-

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

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

$\acute{A} \rightarrow t$

Back.Spatula					Back.Spatula				
\mathfrak{a}	s	p	a	\acute{A}	\mathfrak{a}	s	p	a	\acute{A}
-	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{r}	$\mathfrak{d}\mathfrak{z}$	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

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

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

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	ε	-	-	s	u	ɔɜ	e	-	-
c	a	v	ej	-	-	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 → ε:

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

ĩ → u

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

ẽ → ej

Full.Primary						Full.Primary					
p	l	ẽ	-	-	-	p	l	ẽ	-	-	-
ɸ	-	ej	-	u	-	ɸ	-	ej	-	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	ɛ	n	-	-
g	r	ẽ	-	-	-	g	r	ẽ	-	-	-
		wĩ						wĩ			

ẽ → ù

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

ɛ: → ə

Fog.Tenebras						ToFall.Primary					
t	-	ɛ:	n	-	e	ɸ	-	ɛ:	-	ɤ	-
t	-	ə	n	-	e	ɸ	-	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	e	r	e	
k	ø:	-	-	z	-	-	-	-	

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	ɜ	t	r	-	ej	d	i	r	-	ej	t
-	s	t	ɜ	-	ø:	d	-	r	-	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	-	ɜ	-	a	r	ĩ	-	ɜ	-	a	r

ʈʂ → h

Bird.Avicellum						Bird.Avicellum					
-	-	u	-	t	ʈʂ	-	-	u	-	-	ʈʂ
-	-	u	-	-	h	-	-	u	-	-	h

ʃ → j

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

ej → ẽ

Full.Primary						Full.Primary					
ɜ	-	ej	-	u	-	ɜ	-	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	u	i	-	-	-	-	n	-	i	-	t	-	-

ej → ej

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

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 -

ɐ → e:

Day.Primary	Day.Primary
d i ɐ -	d i ɐ -
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 -

ɐ → ε:

ToFall.Primary	ToFall.Primary
k - ɐ - i r -	k - ɐ - 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	ε	w	-	r	ə

ɪ → j

ToBurn.Flammare						Full.Primary							
f	ɪ	a	-	m	a	-	p	ɪ	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	-	-	o	-	-	ʌ	u	-

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 → ɔ̃

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 ɤ -	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 ɤ ej e - - -	f ɤ ej e - - -	f ɤ ej e - - -

Appendix 2 - Prior Frequencies

ɖ → ð

ToSplit.Primary	Smoother.Nitidus	Smoother.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 - -	i - 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} - - -

$ɔa \rightarrow a$

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

$ɔa \rightarrow \text{œ}$

Leaf.Primary	Flower.Primary	Flower.Primary
f - ɔa - j e	f l ɔa r e -	f l ɔa 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 ʁ -	e - t ʁ w a - - - -	d - ʁ w a - - - -
s a v - ø: ʁ -	- s t ʁ - ø: - - - -	d - r - ø: - - - -

a → ɔa

Woman.Domina	Woman.Domina	BarkOfATree.Skorteá
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 ʁ n -	k - ɔ r n o	k - ɔ r n -

ε → y

River.Rivus	Fog.Nebula	Fog.Nebula
r ε - - -	n - ε - v w - ʁ	n - ε - v w - ʁ
ʁ 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 ʁ -	ĩ - t - r ĩ ʁ - ʁ	m õ - t ĩ - ʁ - ʁ

u → ã

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

u → ʊ

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

u → l

Louse.Primary	Louse.Primary	Eye.Primary
p - i - o - ʎ u - -	p - i - o - ʎ 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 ʁ - -	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 → ȯ

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

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 ɑ v - j ɔ̃ -	s ɑ v - j ɔ̃ -
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 ɔ̃ - - - - -	n - - n ɔ̃ - - - - -	n - - n ɔ̃ - - - - -
dʒ - i n ɔ̃ k k - j o -	dʒ - e n o - - - l i -	dʒ - e n u n k ^j - - - -

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 ɔ̃ - - - - -	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 → ěj

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

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 → ě

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 ě - t ě - -	l w ě - t ě - -	k ɔ m ě - -	k ɔ m ě - -

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 ɔ̃ k o -	p o k o -	p ɔ̃ 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 ɔ̃ j i: - - -	l ɔ̃ j i: - - -	l ɔ̃ j i: - - -	l ɔ̃ j 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 ɔ̃ 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	dʒ - u -	dʒ - 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 - -	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 → dʒ

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

ɔ̃ → y

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

ẽj → a:

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

ɤ → ɔ̃

ToFlow.Excurrere	ToFlow.Currere	ToFlow.Currere	ToFlow.Currere
i - ɤ k o - ɤ e ɤ -	k u - ɤ i ɤ - -	k o - ɤ e ɤ - -	k u - ɤ e r - -
- - s k u r ɔ̃ e - -	k u r ɔ̃ e - - -	k u r ɔ̃ e - - -	k u r ɔ̃ 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
ɔ̃ ɪ - - -	ɔ̃ ɪ - - -	ɔ̃ ɪ - - -	ɔ̃ 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 ɔ̃ j i: - - -	l ɔ̃ j i: - - -	l ɔ̃ j i: - - -	l ɔ̃ j 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

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

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

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

Seed.Granum	Seed.Granum	Hand.Primary	Hand.Primary
g r \tilde{e} - -	g r \tilde{e} - -	m \tilde{e} - - -	m \tilde{e} - - -
g r \tilde{w} - -	g r \tilde{w} - -	m \tilde{w} - - -	m \tilde{w} - - -
g r a: n u m	g r a: n u m	m a: n o -	m a: n o -

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

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

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

Some.Primary	Some.Primary	One.Primary	One.Primary
a w g \tilde{u} - -	a ł g \tilde{u} - -	\tilde{u} - - -	\tilde{u} - - -
o - k $\alpha\tilde{e}$ - -	o - k $\alpha\tilde{e}$ - -	$\alpha\tilde{e}$ - - -	$\alpha\tilde{e}$ - - -

$t \rightarrow g$

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 -

$g \rightarrow t$

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

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

Child.Ninnus	Child.Ninnus	Child.Ninnus	Child.Ninnus
n e n $\tilde{e}\tilde{j}$	n e n $\tilde{e}\tilde{j}$	n e n $\tilde{e}\tilde{j}$	n e n $\tilde{e}\tilde{j}$
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
π	Equilibrium distribution

Appendix 3 - Symbols

λ	Rate of segment insertion
μ	Rate of segment deletion
n	Word length Number of segments in a word
r	Rate parameter
θ	Rate parameters Parameters associated with the rate matrix
θ'	Proposal New value proposal
q	Proposal probability Probability of new proposal
u	Random number
R	Acceptance probability Probability of accepting a proposed value
\mathcal{M}	Model Mathematical model for linguistic parameters
BF	Bayes Factor A numerical factor related to the quality of the model fit
X	Unknown

Appendix 4 - Words containing each segment

ẽj	0250, 0303, 006A, 0303	53
mẽj mẽj nuvẽj kelizẽj kěj něj ẽj		
ẽw̃	0250, 0303, 0077, 0303	61
kẽw̃ kẽw̃ grẽw̃ grẽw̃ mẽw̃ mẽw̃ nẽw̃ nẽw̃		
au	0061, 0075, 032F	74
kaũda kaũde kaũde aũdire aũzi paũkus		
ea	0065, 032F, 0061	76
t̃eas̃t̃a s̃t̃ea t̃f̃eat̃f̃a ñea g̃eats̃a b̃ea ved̃ea z̃aʃ̃f̃ea f̃ed̃ea k̃ad̃ea		
oa	006F, 032F, 0061	40
d̃oam̃ña f̃oaje sk̃oarts̃a f̃loare c̃oad̃a s̃qare pl̃oaje ñoapte ṽoame kuñoaf̃te t̃oart̃f̃e c̃oase apr̃oape		
ěj	1EBD, 006A, 0303	46
neněj neněj nuvěj kalizěj kěj něj ěj		
aj	0061, 006A	54
paj paj ajỹw̃a saj̃bru saj̃bru 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 mañja: morsika:re cuca: spuda: suffla:re sofla: respira:re respira: ko:gi:ta:re pe:nsa:re pe:nsa: odo:ra:re fra:gra:re trima: neka:re tu:ta:ri makta:re mat̃fa: pugna:re kaptia:re cat̃fa: 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:r̃f̃i: ambita:re sedenta:re senta: sta:re sta: leva:re leva: al̃fa: torna:re torna: gyra:re đjira: đjira: da: dona:re dona: appekto:re frika:re frikta:re lava:re lava: eksu:ka:re suja: limpida:re tira:re tira: pulsa:re pulsa: jakta:re lankea:re lañfa: 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 gla:fa: inglakia:re infla:re enfla: konfla:re zgloŋfa: krema:re flamma:re flama: flagra:re ustula:re la:tus de:lika:tus ma:l sua:wem illa:k		
ej	0065, 006A	56
pej̃fi cavej okej seju pejtu sejfu arej̃e fej̃rak zejtar zejtar kejm̃a:re istrejtu đjirejtu trej		
e:	0065, 02D0	26
fe:mina be:stia se:men pe:l ste:l̃la 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:nsa:re ole:re time:re se:para:re jake:re đja:fe:re sede:re tork̃e:re tene:re e:runka:re intume:skere kre:ske:re arde:re de:lika:tus du:ze: fret̃ ple:nus di:re:ktus korre:ktus tre:s 'tre:		
i:	0069, 02D0	38
mui:r mari:tus mari:t ra:di:kem ra:di:ke radi:t̃f̃e ra:di:ki:na wi:wenda pi:t fi:ka:tum ri:wus ri:pa:ria rivi:r ka:li:ginem f̃fi:l kammi:num ma:pi: sysi: respira:re ri:de:re ri:de:re xi:ɣ vi:r aũdi:re uldi: ski:re senti:re sinti: dormi:re dormi: wi:were muri: okki:dere t̃f̃esi: teji: di:widere parti:re parti: neđgi: ma:r̃f̃i: weni:re vi:ni: ho:si: strengi: pu:si: lanci: loji: di:kere di:ɣ di: skori: subti:lem sutil frigidus vi: di:re:ktus wi:ki:nus k̃wi:nk̃e ekkumhi:k ibi: ki: si:k ki:		
ĩ	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 e:re 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:ʁ minu:tus minu:t du:ʒe: su:ti pu:f aku:tus retu:sus u:midus u:dus u:nus ʃemu:t		
Ø:	00F8, 02D0	84
bø:ʁ savø:r kø:z stʁø: 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 ıtrẽjne môtẽjne mẽʒaʁ mẽʒar ẽdaʁ ẽdar lẽsa lẽsar kẽtar kẽtar tẽtu tẽtu grẽdʒi grẽdi ẽʃu ẽʃu kwẽdu kwẽdu		
ã	0251, 0303	41
ãfã efã seʁpã sãmãs vjãd sã dã zãb dʒãp vãtr̃ pãs pãs ătr̃aj vã sãd̃ʁ ă ă lãg mãʒe pãse sãtir̃ fãd̃ʁ etãd̃ʁ lãse jãte ʃãte ăfle ẽsãdʒe gʁã gʁã ăpl kã kãmã dã		
ɔj	0254, 006A	16
nojs vojs foj 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 nõbʁe lõ nõ nõ		
ɛj	025B, 006A	78
ɔrej solej fʁɛje vɛʁmɛj		

Appendix 4 - Words containing each segment

ɛ:	025B, 02D0	80
pjɛ:de tɛ:nebre tɛ:nebre tʃɛ:r pjɛ:no kwɛ:		
ẽ	025B, 0303	60
fjẽ tʃẽ dẽ mẽ vẽt vẽ sêt ʃəmẽ tʃimẽ lɛv pɛsɛ sɛti sɛdɛ fɛt pwɛdɤ epwɛdɤ etwɛdɤ ɛsɛdʒɛ plɛ vwazɛ lwɛtɛ kɔmɛ		
g^w	0261, 02B7	71
sang ^w inem ling ^w a		
ij	0268, 006A	63
kijne		
iw	0268, 0077	69
griw		
a	0061	28
fe:mina fam embra femmina fembra domina dam doña dɔnna dam infantem infante fante sponsa esposa spɔza ispoza maritus maki mariðo marito maridu marit marit maðre marə mari patre paðre parə pari tata tata tata tata tatə animalia omaj alimajna nɔmajɛ be:stia biffa pwasɔ awem abe avi aw awikellum wazo passerem paxaro passero paseru pasəru pasəre kanem kan kane ka can sarpint ʃarpe arborem aɤbɤ arɔol albero aɤvori arvuri abrə arbul arbore silwa selba selva sewva selba pal palo palo paw paw pal par grano grano gra gran folia oxa fɔlla frondea frondza raiθ ɤais ɤadi radi:tʃɛ ra:di:ki:na ɤasin kortikea korteθa kortettʃa skortea skɔrtsa skwartse herba jerba erba jarbe jarbə gɤamen grama gram rista rɛsta kwan kotenna karnem karne karne kəɤni karni karn karne wi:wenda bibjenda vivanda vivɛda sang ^w inem saɤgre sangwe saɤ saɤk adepem adipe grasa grafe grafe kaɤda kola koda kua plu:ma pluma pjuma penna peɤa penna panə pwal kapillus kabejo kapello kabelu cavej kapitia kaɤeθa kavettssa kabesə kap kap testa testa ɔ:riklə orexa orekkja naso nas nas nariθ nariθɛ naris bukka bokka gula gola ungula uɤa ungja gamba gamba gamba kambə ʃambe gambə perna pjerna manum mano maɤ a:la ala ala a a alə ale pantikem panθa panʃa panʃə pantse intera:nea ɔtɤaj entraɤa ɛntraɤə spatula espalda spalla ispadwe ispadwe əspaɤɤə spal spale spate san pwatɤin anima alma alma awmɛ almɛ anime iɤaðo fegato fikat lu:na luna luna ste:lla etwal estreja stella ak ^w a aɤwa akkwa agwɛ agwɛ age apə pluwia jubja pjodɤʒa ri:pa:ria 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 pjeðra pje:tra pjatrə lapidem laude lapide hare:nɔ arena arejə aren arinə sabulum sabl savalɔn sabula sabbja pɔlvar terra tjera terra tsarə nuvola kalina kalidʒine kalizɛj nebula njebla nebbja tinjeblas fu:ma:ta fumata fuma:ta fumase fumase fumate kajkia glas gjatʃa glas glatʃɛ θeniθa wia vwa bia via stra:ta estrada strada istradɛ iftraðɛ kammi:num kamino kammino kamjnu monta:nea mɔtaɤ montajna montajna muntajə mɔtaɤ montajne dia zɔɤna zɔɤna diurna:ta xornada ɤɔrnata ɤɔrnade annum apo anno aɤ aɤ an ling ^w a lengwa lingwa manduka:re mandukar mandʒare mɛʒaɤ mɛʒar mɔɤʒa maɤi: maɤja: minka mwardi moskar morsikare musəga musəgar musəɤa murseka sugaɤ sugar skuɤpa esputar sputare soffjare sufla respirar respirare ɤɤspirar ɤifpirar rɤspira vwəɤ sapere savwaɤ saber sapere sabɤ savɔ:r save: kwidar koɤʒitare kuzitaɤ kuzitar kujda kuɤgeta pensar pensare pɛsaɤ pɛsar pɛnsa pɛsa ulura odorare fragrare fejrəɤ fejrəɤ flɔjra tremare dwaɤmi via nəga neka anegar annegare makta:re mate matar mataɤ mɛtar mɔta maʃa: puɤar puɤɤare puɤa battuere batɤ batiɤ battere bateɤ batrə bate bati bate kaptia:re fase kaθar katʃare kasəɤ kesar kɔsa caʃa: puxar pulsare puɤaɤ puɤar pulsa segar segare segaɤ siɤar sɔɤa kortar koɤtaɤ kurtar skortare skurta taxar taɤɤa:re taɤaɤ tɛɤar tɔɤa taja: tɔja parti:re paɤtiɤ partir partire paɤʃiɤ parti: se:para:re separar separare separaɤ sipɛrar sɔpəra separa: separa raer radere ɤaɤɤ rawrə rada: rade rasar rasare ɤazaɤ ɤɛzar rɔza rasa: raskar ɤaʃkaɤ ɤɛʃkar rɔska kosaɤ kusar kawa:re kabar kavare kɔvaɤ kɔvar kɔba ʒava: ekskawa:re eskabar skavare iʃkɔvaɤ iʃkɔvar zʒava: nata:re nadar nwotare nadaɤ nɛðar nɔda nada: naviga:re naze nabegar navigare naviɤaɤ nɛviɤar nɔbɔga naviga: naviga bolar volare voaɤ vwar bula zvolare zbuɤa kaminar kamminare kemijaɤ kemijar kəmina camina: maɤʃɛ ambita:re andar andare ɛdaɤ ɛdar jake:re jaθer ɤaʃtʃɛ:re zawrə swaɤ sentar sɛtar sɛtar estar stare iftar iftar ɔsta s ta jebar levare levaɤ livar ɤɔba lua alθar altsare aɤsa aɤsar əlsa alʃa: tornar tornare toɤnaɤ turnar turna turna xirar ɤʒirare ʒirar ʒirar ʒira birar virare virar ʒirar bira kadere ʃwaɤ kaer kadere kawrə tʃjade tumbar tɔbaɤ tɔbar tumba dare dar dare daɤ dar dar da donar donare doa duar duna segurar siguraɤ siɤurar serar sɔɤa sɔrar sɔra serare θerar serrare sizaɤ sizaɤ appektora:re apɛtar ɛpirtar ɛpirtar fregar fregare frəga frea freka iʃfɤrigar iʃfɤriɤar frotar frettare frisar frɔsa lawar:re lave laɤar lavare levar levar ɤɔba lave lava: la estarsir affugare ɛfugar ɛfuyaɤ əfuga uska limpjar liɤar liɤar tirar tirare tʃira tirar tira puxar pulsare puɤar puɤar pulsa trahere trarre traze tradʒɛ jakta:re ɛʃar ɤɛttare ʒejtar ʒejtar xita		

Appendix 4 - Words containing each segment

lankea:re lanθar lanfare lēsa lēsar lānsa lanci: lanfa: arankar arronfare arunka legar legare liya lega apta:re atar etar etar kontar kontare kōtar kōtar kumta noverare numera numara kantare kantar kantare kētar kētar kōnta canta: kinta xugar dʒokare zogax zuyar zuga zuka flugtwar fluttuare flutuax flutuar fluktua fluctua fluitare kolar kolare koax kuar kuā elar dʒelare zilar zilar zōla dʒale glakia:re glase gjattfjare glōsa glatfa: inglakia:re ingetsa intfar enfiare ifar ifar imfla umfla gonfjare kxwatx kxame kemar kremare kejmare kejmæx krōma flamma:re flame fjammarē flama flama: arde:re aɔdɔ arder ardere aɔdɔx arde flagra:re flagx flagrar flagrare flagxax flagrar intfendjare isendʒiar isēdjar ustolare ustura tantus tanto tanto tant tanc alguno alkuno awgū aɔgū alter altro altrō altri alt alius aw at magnus mapo mapno grandem grande grande gran grant mare largus laɔz larʒo largo laɔgu largu lark lark larg lato lato latu latu lat amplus anfo ampjo amplō krassus graso grasso grafu gras gras grawis grabe gravi gravi grav angustus angosto angusto etxwa delyaɔo delikato dewgadu delyaɔu dɔlikat kalidus kaldo kaldo kawdu kaldu kaɔt calt kald fɔwa malus mal malo malo maw maw mal dɔwa tarɔnt aku:tus ayuɔo soave suaw adpropre aprɔape vwazē kirka θerka lontano lunta lontan galbinus galben amarellus amarijo emarelu albus albo albo awvu alvu alb alb duas kʷattwor katx kwatro kwattro kwatru kwatru kwatrō kwat kwatri patru aki aki aki aki la aja la la la əla 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 bife bife bies bis abe berme arborem axbax albero abrō arbul arbore selba selba herba exb jerba erba erbax jarbe jarbax bibjenda webō kabexo kabelu kəbɛɔ kabesə bukka buɔ boka bokka bokx bokx bokx bokx bokx bɔcɛ bukə gamba zɔb gamba gamba kambax jambe gambax bjentre bentrō jubja sabulum sabl sabula sabbja pulbere polbo nu:be:s nube nube nu:bilus nublo nebula njebla nebbja tene:braj tene:bre tene:bras tenebax tinjeblas tene:bre tenebras bjento ben njebe bia biā nombre limbax bibere bwax beber bere bebex biɔer bəwɔ bə:ɔx bevi bəa ber bəwɔr saber sabex səber bibir biwɔr battuere batx batir battere batex bəter batrō bate bati bate dibidir dibidi kabar kəba eskabar nabegar nəbaga bolar bula zburā ambita:re benir bəni jebax ləba birax bira tōbe tumbax tōbax tōbar tumba ləba nōbex grabe brewis bɔef brebe breve brevi brewi brew bɔef subti:lem subtsi:lem bjexo bonus bō bweno bwə:no bō bō bən bō bən bun hebetem ebete beθino bəi bermexo bərmɛɔ rubeus rubjo rəbbjo rubeo rubeo rojb berde galbinus galben albus albo albo alb alb ibi: abhoc

c 0063 62

can car cɔadə cavej ca:f bɔcɛ noctem cuca: cafa: camina: lanci: cɔase canta: fluctua molc tanc calt spurcus abhoc

d 0064 24

usted domina dam doña dōnna done done dōnā dam done dɔamnə maridu ma:dre pa:dre peduklus pidɔkkjo pedoli pɔdukje frondea ra:di:kem ra:di:ke xadi radi:fe ra:di:ki:na rəɔɔfjinə kodiv wi:wenda vjūd bibjenda vivanda vivēda vivēde adeptem adipe kaɔda koda kaɔdɛ kaɔdɛ kɔdɛ cɔadə dentem dā djente dente dēfi dēti dē dint dinte pedem pje:de dorsum do dɔsso dos do dwes do espalda ispadwə ispadwə figədu pjodɔa pedrə lapidem laude lapide pudx sɔdx sendrə estrada strada istradɛ die:s dia di diɛ diɛ diā di diurnum djuerno diurna:ta xornada dʒornade komedere manduka:re mandukar morde:re moɔdɔx mɔrdere moɔdɔx mwardi spuda: ri:de:re ri:dere ridi ride wide:re vedere vjodi vedɛa aɔdi:re udire uldi: kɔide kwidar kujda odo:rarə odorare kxēdɔx dormi:re dɔxmɔx dormir dormire dɔxmɔx durmir durmi dwaɔmi durmi: dormi okki:dere utɔfidere utfi:de di:widere dibidir dividere diviðir dibidi dividi divide skindere sēde findere findere fādx ender fendere fēdɔx fēder fēndrə pwēdɔx ra:dere radere rada: rade fodere nadar nadaɔx nəda nada: andar andare ēdax ēdar ekstendere etādx ekstender estendere istēdɔx iftēder əstendrə ekstinde sede:re sedere jedɛa sedenta:re tɔdx kadere kadere tɔjade kəɔa dare dar dare dax dar da: da dona:re dōne donar donare doa duar duna dine dona: epɔēdɔx etɔēdɔx limpida:re kudx di:kere diɔ deθir dire dizer dizer di: di: di: lu:dere ludir arde:re aɔdɔx arder ardere aɔdɔx ɔrder arde inkendere ēsādjə enθender intfendjare isēdjar ənsendrə intfindɛa todo todū dut grandem grande grande grēdi gurdus gordo lurdus lerdo lordo lerdo lerdo menudo miudu de:lika:tus du:zɛ: delyaɔo delikato dewgadu delyaɔu dɔlikat kalidus kaldo kaldo kawdu kaldu kald fri:gidus freddo putridus putrido putred podri sordidus sordido sɔrdido sɔrdidu sɔrdidu di:re:ktus dɔwa dritto direjtu dɔet dɔ: dɔet drept rotundus redondo ritondo xedōdu xidōdu rədo rəɔund nitidus neted u:midus umido umid umed u:dus ud adpropre dekstrum djestro dɛstro dɛstru dɛftru destrō djestri wiridem berde verde verdi verde duo:s dō dos dojs dojɔ dos dō: doj doj duaj due dowə duas duəs duɔf 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 femex femjə fembra femeje mulierem muxer mołle mułex mułer mułe mujere dōne infantem infante fante nenēj nenēj nen epuz esposa epu esposo ma:trem mɛx mādre ma:dre mer patre pɛx paðre pa:dre nema:l nəmajə piskem peθ peffe pɛf pefte awem abe awikellum useɔ passerem passero pasəre kanem

Appendix 4 - Words containing each segment

kane kijne peduklus pedoli pædukje serpentem sɛrpā sɛrpjente serpente sɛrpēfi sərpen ʃarpe wermem vɛx berme verme vɛxmi vermi vjer vjermē arborem albero arbore selva selva selve se:men seme sementis simjente semente semēfi samēn semēfi fwee fɔaje frondea ra:di:kem ra:di:ke radi:ʃe kortikem kortiʃe kortikea korteða kortetʃa skortea ekɔks skwartse flo:rem fjo:re fɔare herba jerba ɛxvɛ erbə jarbe gra:men fu:nem fune funje restem ʁɛʃti kotenna pellem pjel pelle peli peʎ pjele karnem karne karne karne wi:wenda bibjenda sangʷinem sangre sangwe sindʒe weso adepem adipe gref webo kwerno penna peɲa penna penɛ penɛ penɛ pelo pelo pelu kabejo kapello kabelu kɛʃelu kaʃeða kavettsa kabesɛ kɛʃesɛ testa testə teste orexa orekkja oreʎə orele ureke ne ne nariʃe gɔle dentem djente dente dinte ungje pedem pje pje pje:de piez ʒambe perna pjerna petiolus peθiolo genikulum zueʎu dʒenoli dʒenunkʲ el el ale wentrem bjentre bentɾə vintre pantikem pantse pintetʃe intera:nea entrapa kwejo dwes epol espalda spate seno seno sen pektus peʃfo pjept kwɔre anime fegato fedʒə so:lem sole sɔare soreli lune etwal estreja stella istrelɛ iʃtrelɛ stele age ploje plɔaje flu:men fjume ɲivjɛx mare mare mer mare sa:lem sale se sare petra pjɛx pjeðra pedrɛ pedrə pjere lapidem laude lapide arena ɛrenə pulwerem polvere pulbere terra tɛx tjera tɛx tɛx tjere nube nube ka:li:ginem kalidʒine nebula njebla nebbja newlə negurə tene:braj tɛ:nebre tene:bra:s tenebɹ tinjeblas tɛ:nebre tanebrəs fyne fumate θjelo ʃfer wentum bjento ben niwem njebe neve new gelu: jelo dʒer glaʃe fwego kinerem ʃjenere θeniða ʃfenuʒa estrada montem monte monte monta:nea mɔntapɛ noctem noʃte nɔtte nɔapte zuɹne dʒornade no:men no:me nume no:minem nombre lenɡwa bibere beber bere bebɛx biʃɛr bevi komedere komer kome kumer manduka:re māʒe mandʒare morde:re morðer mɔrdere mɔxðɛx murðer morsika:re morsikare murseka su:gere syse suʒe konspuere kɔspye eskupir sputere esputar sputare womere vɔmere vɔame suffla:re sufle soffjare sufle respi:ra:re respirar respirare ʁɛspira:re ri:de:re reir ri:de:re ride wide:re ber vedere vɛx ver vedəa aʒdi:re udire ski:re sapere saber sapere sabɛx sɛber kogno:skere konɔθer konoffere kɔpɛsɛx kupiser kunɔʒte ko:gita:re kuʒide koʒitare kuʒɛta pe:nsa:re pāse pensar pensare pēse peɲsa: senti:re sentir sentire olɛ:re oler olire odor:are odorare fra:gra:re flɛxɛ fragrare time:re temer temere temɛx timer temə temi teme tremere tremɛr tremare tremɛx trimer dormi:re dormire wi:were vivere viveɹ viver morire mɔxɛx muɹer neka:re nwaje neka anegar annegare tʃɛ tuwe maktare mate okki:dere utʃidere utʃide pugna:re puɲpare battuere battere batɛx betɛr bate bate kaptia:re ʃase katʃare pulsa:re puse pulsare seka:re sje segar segare segaɹ sea: kurtare ekskurta:re ekurte skortare talia:re tɔje taʎʎa:re di:widere dividere divide skindere sēde ʃindere findere ender fendere fēdɛx fēder parti:re partire se:para:re sɔvɛ separar separare separaɹ separa: separa pungere pundʒere pundʒe jugula:re zyɡyle jugula:re ra:dere raer radere ʁaɛx ʁɛer rade ʁaze rasare fodere kawa:re ʃəve kavare ekskawa:re eskabar skavare nata:re nwotare naviga:re naʒe nabegar navigare wolare vole volare vɔle zvolare ʃəmine kamminare ʃimine maɹʃe mergere mɛrʒɛre mɛrʒɛ e ambita:re andare weni:re benir venire veni ekstendere etāðx ekstender estendere istēdɛx iʃtēder ɛstendrə ekstinde jake:re zeziz jaθer dʒaʃɛ:re ʒɛzɛx ʒɛzɛr dʒɛre jesi sede:re ser sedere sɛx ser sedəa sedenta:re sentar senta: sta:re estar stare leva:re ləve jɛbar levare levaɹ ləve leva: ose altsare torna:re tuɹne tornare tu:rne gyra:re ʒiʁe dʒirare viʁe virare viʁe torkʷ:re torθer tɔɹʃɛre turser turser tɔarʃɛ kadere kaer kadere ʃjade tɔbe tume dare dare dona:re dɔne donare dine tene:re tener tenere tɛx ter tsine segurar eksprimere epɛðɛx ekspremir spɛmɛre iʃprəməx iʃprəmer ɛsprɛmə ɛsprimi skreme serrere serar seɹa seare seɹe θɛrar serrare sɛre apɛktora:re apɛtar stringere etɹēðx estɹɛɲir strindʒere stringe strindʒe frika:re fɹɛʒe fregar fregare frea freka frikta:re fɹɔte frettare fɹɔte lawa:re lave lavare lave tergere tɛrʒɛre ekstergere estarsir ʃterdʒe eksu:ka:re esuʒje affugare suwe limpida:re tira:re tize tirare tire pulsa:re puse pulsare trahere trarre traze tɹɛzɛr traʒɛ impingere impindʒere impindʒe jakta:re ʒɔte etʃar dʒettare dʒete lankea:re lāse lanʃare e:runka:re arronʃare liga:re lie legar legare lea: lega apta:re ko:nsuere koser kutʃire kuzer kuzer ɔqase komputa:re kōte kontare kōte numera:re nɔbɛ novɛrare numera numera: di:kere deθir dire dizer dizer ziʃɛ ekspo:nere sporre spune kanta:re ʃāte kantare ʃāte lu:dere joka:re zve dʒokare dʒuwe flu:ktua:re flyktʃɛ fluttuare fluita:re fluitare fluere flye fluire ko:la:re kule kolare kɔle ekskurrere eskurir skorrere iʃkɔvɛx iʃkurer skurʒɛ kurrere korer korrere kɔvɛx kuɹer kurʒɛ gela:re ʒɔle elar dʒelare dʒale glakia:re glase gjattʃare inglakia:re ingetsa infla:re ɔfle enfiare ɛfle enfla: konfla:re gɔfle gonʃare gɔfle intume:skere entumɛθer itumeser itumeser kre:skɛre kreθer kreʃɛre kɹesɛx kɹiʃɛr kɹɛʃ kɹɛʃte krema:re kɹəme kemar kremare kɹɛjmare keɹjmare flamma:re flame fjammarɛ arde:re arder ardere aɹdɛx ɔrder arde flagra:re flagɛx flagrare inkendere ɛsədjɛ enθender inʃɛndjare isendʒar ɛnsendrə inʃindʒɛ ustula:re ustolare alter grandem grande grande majjo:rem mare le epe espeso spesso iʃpesu grabe greve grew grew lerdo lerdo lerdo pekeɲo pekenu pikenu brewis brebe breve brew bɹɛʃ etɹɔwa estɹetʃo stretto menudo delyaðo delikato dewɡadu subti:lem sottile subsire freddo rekentem reθjente reʃɛntɛ ʁesēʃi ʁesēʃi retsint reʃɛ ʎeno nweʃo wetulus bjexo veʎu veʎ vjei vekʲ bwenɔ putred putrem poðre drept redondo ʁedɔdu hebetem ɛbete retu:sus retuzo sua:wem soave netto neted umed seko sekko seku seku sek korretto proizme adpropre aprɔape pressus pɹɛ beθino vɛʃin θerka dekstrum djestro destrə djestri sinjestro sinistro sinestri vermikulul bermexo vermiʎʎo vɛxmeʎu rubeus rubeo rubeo ruʒɛ wiridem vɛx berde verde verdi verdi galben amarellus krokeus kɹofɛo due tres tre tres tɹɛʃ kʷi:nkʷɛ ʃɹɪŋkwe ekkumhi:k kʷɛm kjen ʃine ke ke ʃɛ ʃɛ kome ʃfemu:t nek ne en deintus avek et e e e e ke ke ke

f

0066

25

fe:mina fam femmina femɛv femjɛ fembra fœm femine femeje infantem ɔfā infante fante ifēʃi ifēti efā fru:ktus fɹɔʒi fruto frutto frutɛ frutɛ frujt fryt frut frukt folia fœj ʃɔʎʎa foʎɛ foʎɛ fuʎə ʃɔj fwee fɔaje frondea frondza frɔsɛ frɔsɛ frunʒa flo:rem flɔɛx flor fjo:re flɔx flor flɔ flɔɛr flor: flɔare fu:nem fune funje ɔɛf u:f ɔa:f fi:ka:tum fwa fegato figɛdu fiʒɛdu fedʒə

Appendix 4 - Words containing each segment

fœt fija:t fikat plef flu:men fjume flumi flumi flum fu:ma:ta fyne fumata fuma:ta fumasə fumasə fumate ne:f fu:mus fumo fumu fumum fumum fokum fə fwego fwoko fogu foyu føk fœ fu:k fok suffla:re sufle soffjare sufle soffla: sufla fra:grare flæxe fragrare flæjra findere fādæ fendere fēdæ fēder fēndrə fēt fodere fwix frika:re fæje fregar fregarə fræga froj frea freka iffrigar iffriyar frikta:re fæote frotar frettare fæote frisar fræsa flu:ktua:re flyktə flygtwar fluttuare flutuak flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwix flwir flui infla:re āfle enfiare imfla ēfle enfla: umfla konfla:re gōfle gonfjare gōfle zgloŋfa: flamma:re flame fjammarə flama flama: flagra:re flagæ flagrar flagrare flagwæx flagrar gwi:ef bæf bæf fri:gidus fæwa frio freddo friu friu fræt fæwæ fræt ju:f

h

0068

59

pehō uhe hwes herba ohe krōh hare:na kinōh hō:si: trahere hebetem ekkumhi:k abhoc

i

0069

7

io noi voi fe:mina femmina femine mulierem domina infantem infante ifēfi nipo nino ispoza ma:xi mari:do marito maridu meri:du marit mærit ispozu sokius mari pari animalia alima:na be:stia biffa bife bife bies bis piskem pejfi avi awikellum pidokkjo pio:lu pio:lu pedoli se:pēfi sarpint vœmi ævori silwa fœpi sementis simjente semēfi simēs grin folia raiθ kais æif æadi æasin rædæfi:na kortikem korti:fe kœtjisi kœrtisi kortikea kœtjise kurtise rista æēfi kodjæ kodie kojn peli kœni bibjenda vivanda vivēda vivēde sang'inem sēgi adipe pilus kapillus dji:ve kapitia o:rikla voli nariθ nari:fe naris nœrif dēfi dint dinte pi piez petiolus pe:biolo pitfōlo pitfjor genikulum inoxo d̄zinokkjo d̄genoli vintri vintre pantikem intera:nea ispadwæ ispadwæ sinus si pi pit pwatæin pwetrin anima anime inimæ iya:do figēdu fiyēdu fija:t fikat solikulus soreli istrele pluwia plūi flumi rio rio xiw xiū riw ri:pa:ria xivjæx rivir piz lapidem lapide arinæ nu:bilus ka:li:ginem kalina kalidjine kalizēj kelizēj tinjebias kajkia sir 'vint niwem nevi nivaj kinerem θeniθa t̄finizæ wia bia via viæ viæ biæ istradæ iftraðe kamino kammino kemiju kœmi t̄jimē mōfi nūi nit dies dia di diæ die diæ di zi diurnum diurna:ta nomi no:minem ling'a lingwa limbæ bibere bevi mwardi morsika:re morsikare kuspiæ kufpir eskupir æskupi vomix vo:mi respirar respirare æspirar æispirar æspira respira: xiw reir xiw xir riw:æ ridi wide:re vjodi wix oir udire owvix owvir ui auzi fti kinōh kœnosi kœgita:re kyi:de kwidar kodjitare kuzitæx kuzitar sātix sentir sentire sējix sētir sœnti sēti sinti: simtsi olire time:re temi trima: dœmæx dormir dormire dœmæx durmir durmi dwæmi dormi vivæ bibir vivere viveæ viver biw:æ vivi via mu:xiw morir morire muri mœri muri tu:ta:ri œksix uttjidere uksi utjide batir bati kaptia:re ta:lia:re di:widere dibidir dividere d̄jividjæx diviðir dibidi dividi divide skindere findere findere partix partir partire pæxjix pœtir pœti pœ:rti pūzix pūzir puji fwix ifkœvæx ifkœvar naviga:re navigare naviga: naviga fœmine kaminar kamminare kemijæx kemijar kœmina t̄jimine camina: ambita:re vœnix benir venire viw vir bœni vini viji: veni istēdæx istēder ekstinde zezix jesi zixæ xirar d̄jirare zirar zirar zira d̄jira: viæ birar virare virar zirar bira viæ d̄jira: kœir kœir dine tœnix tœni tini tinji tsine eksprimere ekspremir ispræmæx ispræmer esprimi stringere estrepiæ strindjere æt̄ri:zir æt̄ri:zir stringe frika:re frikta:re frisar estarsir æstærzi esqijie limpida:re limpjar tira:re tiæ tirar tirare t̄jira tirar tira tire tira: impingere impindjere impindjæ xita ligæ:re lie liya kufjire kuzi kuzi diw deθir dire dizer dizer di zi:fe ludir fluita:re fluitare fluir fluire flwix flwir flui eskurir ifkœwæx ifkurer ku:xiw kœri kori glakia:re inglakia:re infla:re int̄jar enfiare imfla intume:skere inkendere int̄jendjare int̄jindze omnis œjni altri alius grēd̄ji spissus ispesu ispesu grawis gwi:ef gravi gravi pittitus pœti pœtit piti 'pittinus pittjino putsin pitulus pikkolo pitful brewis bœvi striktus istrejtu minu:tus minuto miudu miuðu minu minut de:lika:tus delikato dœlikat sutil sottile sufiw suptil su:ti subtsire kalidus fri:gidus frio friu friu xesēfi xesēfi retsint plin vjei putridus poðriðo putrido puðrit poðri sordidus sordido sœrdido sœrdidu sœrdidu ispurku ispurku dritto d̄jirejtu dirējtu ritondo nitidus niðio u:midus umido umid sikkus proksimus proximo prœssimo prosimu prosimu proizme prosim beθino vitfino viziju viziju bæi vizē vitfin ve:fin kirka d̄jestri sinistrum sinjestro sinestro sijestri vermikulus vermi:allo wiridem galbinus amarijo kwatri θinko t̄jinkwe sin̄k 't̄jink t̄jint̄f aki kwi

aki œki aki aki illa:k ibi: vi ai ai ei k'is ki ki ki kwi t̄fine k'id ki ni ni ni in in deintus d̄ins i i i i si si si si si si fi ki

j

006A

12

jo jew femjæ femeje mujere omaj nœmaje uttjæl fjæ pjoxo pidokkjo pju pædukje serpjente sjerpē vjer vjer vjerme frujt simjente fœj fœaje fjo:re jep jarbe jarbæ funje pjel pjel pjele vjād bibjenda pjuma orekkja œj œkkjo uj gœj djente ungja ungje pje pje pje:de pjerna pitfjor d̄zinokkjo bjentre āt̄waj pjept fija:t jubja pjodd̄za ploje plœaje fjume xivjæx pjæx pjeðra pje:tra pje:re pjatræ savjō sabbja t̄jera t̄jera njebla nebbja njyl tinjebias sjel θjelo bjento njebe gjatt̄ja djurno skujpa soffjare vjodi kujda flæjra sje taje teji: taja: tœja jugula:re jugula:re jakere jesi t̄jjade tinji esqijie suja: limpjar jakta:re joka:re d̄juja: gjatt̄jare gonfjare fjammarə ēsād̄je int̄jendjare isēd̄jar majjo:rem ampjo gwi:ef reθjente pje:no vjō bjexo vekkjo vjei d̄jestro d̄jestri sinjestro rubjo robbjo kjen

Appendix 4 - Words containing each segment

k

006B

50

sokius piskem awikellum kanem kan kane kēw kēw ka kijne peduklus pidōkkjo pādukje fru:ktus frukt ra:di:kem ra:di:ke ra:di:ki:na kortikem kortiſe kōſſiſi kōrtisi kortikea korteθa kortetſa kōſſiſe kurtiſe skortea ekōs skōrtsa āskōrsā skwartse skōartsā kwan kotenna kođſie kodie konnā kojn karnem karne karne kārni karni karn karne saŋk krōh kornu: kōrn kwerno kōrno kōrnu kornu kōrn kwen kwa:r korn kauða kō kola koda kauðe kauðe kua kōw kōde kapillus kabejo kapello kabelu kēβelu kōβeł kapitia kaβeθa kavetssa kabese kēβese kap kap o:rikla orekkja ureke okulus oċkjo bukka boka bokka boke boke bokā bōk bukā kambā pēkol genikulum đſinōkkjo pantikem kollum ku kwejo kollo kōlu kōlu kōł ko kwēl pektus kor kōē kware kōē kor kor kuē kur fika:tum fikat solikulus akkwa lakum lak łak lak saksum ka:li:ginem kalina kalidžine kalizēj kēlizēj kajkia kajlum fokum fwōko fōk fu:k fok kinerem kammi:num kamino kammīno kamjnu kemjnu kēmi komedere komer kome kumer manduka:re mandukar minka morsika:re moskar morsikare murseka konspuere kōspy kuspīr kuspīr eskupīr āskupi skuĵpa ski:re kogno:skere kōnetſ konoθer konoffere kōpesē kupiser kunēſa kinōh kōposi kunqasſe kō:gita:re kſiðe kwidar kođſitare kuzitaſ kuzitar kujda kuđſeta kſēðſ neka:re neka makta:re okki:dere oksiſ uksi kaptia:re kaθar katiſare kaſaſ keſar kōsa seka:re kurta:re kortar kōſtaſ kurtar ekskurta:re ekuſte skortare skurta: skurta skindere raskar ʁaſkaſ ʁeſkar raska kosał kusar kawa:re kabar kavare kēvaſ kēvar kōba ekskawa:re eskabar skavare iſkēvaſ iſkēvar kaminar kamminare kemjraſ kemjnar kēmina ekstendere ekstender ekstinde jake:re kadere kaer kadere kēir kēir kawrā kadēa eksprimere 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 kudſ 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 kōnta kinta jōka:re đōkare zuka flu:ktua:re flyktſe fluktua kō:la:re kule kolar kolare koaſ kuar kuł kōle ekskurrere eskurir skorrere iſkōvē iſkurer āskorā skori: skurđe kurrere kuſiſ korer korrere kōvē kſer korā kōri kori kurđe glakia:re inglakia:re konfla:re intume:skere kre:skere kſwatſ kreθer kreffere kreseſ kriſſer kreſa kreſte krema:re kſame kemar kremare kējmare kējmaſe krēma inkendere okē alkuno paſkus poko pōko powku powku pōk pō:k lunk łark lark krassus pekeĵo pekenu pikenu pikkolo kurtus kuſ korto korto kuſtu kurtu kurt ku:ſ kurt striktus de:lika:tus delikato dēlikat kalidus kaldo kaldo kawdu kaldu kał kald rekentem vēkkjo sporko ispurku iſpurku spōrk spurk di:re:ktus aku:tus sikkus sek seko sekko seku seku sek sek sek korre:ktus korretto proksimus wi:ki:nus kirka θerka dekstrum vermikulus krokeus krotſeo grōk katſ kwatro kwattro kwatru kwatru kwatrā kwat kwatri sēk θinko ſſiŋkwe siku siku siŋk sēk 'ſſiŋk ekkumhi:k aki kwi aki ēki aki aki illa:k ki ki ki ki: kwi kjen kēj kēj kwa ke ke ki ki ke 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 si:k kō ke ke ki ki kō ki: ke kō

l

006C

33

mulierem animalia alimaja nema:l awikellum uttfello uttfel peduklus pedoli arβol albero arbul silwa selba selva selba selve pa:lus pal palo palo pal pał folia ərel flo:rem flōſ flor floſ flor flō flōer flo:r floare pellem pjel pelle peli peli pjel pjele kola plu:ma plym pluma plomā plōm plumē pilus pwal pelo pelo pelu pilu pel pwel pe:l kapillus kapello kabelu kēβelu o:rikla orele okulus voli gula gōel gola gola golā gōle ungula ōgl ōggule petiolus peθiolo pitſolo pēkol genikulum đenoli a:la el ala ala alā el ale kollum kollo kōlu kōlu kwēl spatula epol espalda spalla spal spale alma alma almē so:lem sol sole sōl solikulus sōlej sōlō soreli lu:na lyn luna luna lue lue lōn lune lunā ste:lla etwal stella istrelē iſtrele āstēl stōl stele pluwia plſi pluzā plēf ploje plōaje flu:men flumi flumi flum lakum lak lago lago lagu layu lak la:t lak sa:lem sel sal sale sal sal sał 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 kēlizēj nebula njebla newlā nyjl tinjeblas kajlum sjel θjelo ſjelo sel ſſi:l gelu: zel jelo đelo glas glas glēs glatſe ling^wa lōg lengwa lingwa ligwē ligwē lēv 'lengē limbā suffla:re sufle sufle sofia: sufla uldi: olē:re olē olire ulura flēſe flōjra pulsare pulsare pulsa: pulsa ta:lia:re jugula:re zygyle jugulare wola:re vole bolar volare bula vōle zvolare zvola: levara: lōve levare levaſ livar lōve leva: lua alθar altsare ālsa alſa: lawa:re lave laβar lavare levar levar lave lava: la limpida:re limpjā lipar lipar pulsa:re pulsare pulsa: pulsa lankea:re lōse lanθar lanſare lōsa lōsar lanci: lanſa: liqare lie legar legare lōji: lea: lega lu:dere ludir flu:ktua:re flyktſe flugtwar fluttuare flutuā flutuar fluktua fluctua fluita:re fluitare fluere flye fluir fluire flwīſ flwir flui kō:la:re kule kolar kolare kōle gelare zōle elar đelare zilar zilar zōla đale glakia:re glase glōsa glatſa: inglakia:re infla:re āfle imfla ēfle enfla: umfla konfla:re gōfle gōfle zgloſa: flamma:re flame flama: flagra:re flagſe flagrar flagrare flagſaſ flagrar ustula:re ustolare multus molto mol molc mult alguno alkuno əlgu alter altro altrā altri alt alius longus lō longo lungo lōgu lōgu lō lunk lung largus larz laryo largo larqu largu lark larg la:tus le lato lato latu latu lat amplus āpl amplā lurdus luſ lerdo lordo lerdo lerdo pitulus pikkolo pitſul de:lika:tus dēlyāðo delikato dēlikat 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 mał lwētē lontano lontan vermikulus galbinus galben amarellus əmarelu əmərelu 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 femje fembra fœm femine femeje mulierem muxer moλλe muλεx muler muλε muir
mujere domina dam dam dōamnā infantem mari:tus māxi mariðo marito maridu mēriðu marit mari:t mērit ma:trem mēx
madre ma:dre mēj mēj marə mer mari animalia omaj alimaņa nema:l nēmaje piskem awem awikellum passerem kanem
serpentem wermem berme verme vēxmi vermi vēm vjerme arborem se:men seme sementis sēmās simjente semente
semēļi simēti sāmen simēs sementļe sēmintļe gra:num ra:di:kem kortikem flo:rem gra:men gva:men grama grēmē grēmē
gram fu:nem restem pellem karnem sang*inem ossum adepem o:wum plu:ma plym pluma pjuma plomā plom plume
dentem pedem gamba gamba kambā jambe gambā genikulum manum mē mano ma:no mēw mēw mē maņ minā
wentrem pantikem kollum dorsum anima am alma alma awmē almē am anime inimā fika:tum so:lem flu:men fjume
flumi flumi flum lakum mare mēx mar mare māx mar mar mer ma:r mare sa:lem saksum lapidem sabulum pulverem
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 jā mē kamino kammino kamīņu kē mīņu kē mī mē montem mō monte monte
mōļi mōti mun mō mōnt munte monta:nea mōtaņ montaja montajņa mōtēņ mōtēņ muntaja mōtaņ montaje noctem
diurnum annum no:men no:me nomi nomi nōm nume no:minem nombre limbā komedere komer kome kumer manduka:re
māže mandukar mandžare mēžax mēžar mēžza maņi: maņja: minka morde:re moxðx morðer mōrdere moxðx murðer
mwardi morsikare moskar morsikare musəga musəgar musəka womere vomix vōmere vō:mi vōame simsi time:re
temer temere temex timer temā temi teme tremere tremar tremare tremex trimer trima: dormi:re dōxmīx dormir dormire
dōxmīx durmir durmi dwa:mi durmi: dormi muix morir morire moxex muxer muri mōri muri: muri makta:re mate
matar matax metar mōta maļja: jāmine kaminar kamminare kē mīņax kē mīņar kē mīna fimine camina: māxse ma:rtļi:
mergere mērdžere mērdže ambita:re tumbax tumba tume eksprimere ekspremir spremere iļprēmex iļprēmer əspre mē əsprimi
skreme limpida:re limpjar impingere impinðere əmpēņə impinðe komputa:re kumta numera:re numera numera: numara
imfla umfla intume:skere entumeðer itumeser itumeser krema:re kva:me kēmar kremare kējmare kējma:re kva:ma flamma:re
flame fjammarē flama flama: omnis multus mu muļo molto mūjtu mūjtu mol molc mult magnus maņo maņņo grandem
majjo:rem mare amplus ampjo ampla strimt minu:tus māny menudo minuto miudu mēnut minu minu:t mērun
subtilem rekentem malus mal malo malo maw mal mō: ma:l putrem hebetem sua:wem u:midus umido umid umed
proksimus proximo prōssimo prosimu prosimu proizme prosim dekstrum sinistrum vermikulus vēxmēj bermexo vermiλλo
vēxmēlu virmeļlu bērmēl wiridem amarellus amarijo emarelu emērelu ekkumhi:k k*em k*o:modo kōmā komo kome
komu komu kōm kōmē fjemu:t kum kum

n

006E

13

no:s nu nos no:i nōjs nōj no no: noj fe:mina femmina femine domina dōnna donē donē dōnā dōne dōamnā infantem
infante fante nijo nino nenēj nenēj nen sponsa sponsus animalia nema:l nēmaje kanem kan kane can kijne serpentem
serpjente serpente sarpen sarpint se:men sementis simjente semente sāmen sementļe sēmintļe gra:num gva:men grano grano
grin gran frondea frondza frunzā ra:di:ki:na xasin xēsen rēdāfina gra:men gva:men fu:nem fune funje kwan kotenna konnā
kojin karnem karne karne kaxni karni karn karne wi:wenda bibjenda vivanda sang*inem sangwe sindže kornu: kōxn
kwerno kōrno kōxno kornu kōrn kwēn korn penna pen penna penē penē pen pene panā na:sus ne naso na:so nas ne
nas nas narið nariļe naris nēriļ nari:s dentem djente dente dint dinte ungula ungja ungje perna pjerna perno pēnne
pēnne pēnne genikulum zōnu inoxo dginakkjo zōnol dženoli dženunkl manum mano ma:no minā wentrem bjentre bentē
vintri vintre pantikem panða panļja pantse pinteļe intera:nea entraņa əntraņə sinus seno seno sen san pwatxin pwetrin
anima anime inimā lu:na lyn luna luna lūnā lōn lune lunā flu:men hare:na arena ərenā aren arinā savaln nūbe:s ny
nube nube nuvēj nuvēj nu: bilus nublo nuvola nuvol nul nor ka:li:ginem kalina kalidžine nebula njebla nebbja nēvwē
nēvwē newlā njyl negurā tene:braj tēnebre tene:bra:s tēnēb x tinjeblas tēnebre tēnebrās wentum bjento vento ben 'vint
vint niwem njebe neve nēvi nēvi new nivaj nef nēa kinerem fjenere sendrā θeniða ffinize ffenuļə kammi:num kamino
kammino montem monte monte mun mōnt munte monta:nea montaja montajņa muntaja montaje noctem nqi noļe
notte nojti nojti nit nyt nqapte diurnum djurno dğorno zorn zōxna zōxna diurna:ta zuxne xornada dğornata dğornade
annum anno enu enu an no:men nō no:me nomi nomi nōm nō nōj nume no:minem nombre ling*wa lingwa 'lenge
manduka:re mandukar mandžare minka konspuere kogno:skere kōnetx konoðer konoffere kunēfə kinçh kunqafte pēnsa:re
pensar pensare pēnsa senti:re sentir sentire sānti sinti: neka:re nwaje nēga neka anegar annegare pugna:re skindere
findere findere ender fēndere fēndrə pungere punðere punðe nata:re nadar nwotare nadax nēðar nēda nada: naviga:re
naze nabegar navigare naviyax nēviyax nōbəga nēdži: naviga: naviga jāmine kaminar kamminare kē mīna fimine camina:
andar andare weni:re vōnix benir venire bēni vini veni ekstendere ekstender estēndere əstēndrə ekstinde sedenta:re sentar
senta: torna:re tu:ne tornar tornare to:na: turnar turna tu:rne torna: turna dona:re dōne donar donare duna dine dona:
tene:re tēnix tener tenere tēni tīni tīne stringere stringere stringe stringe stringe stringe stringe stringe stringe stringe
lankeare lanðar lanļar lōnsa lanci: lanļa: erunkare arankar arronļare konsuere kontar kontare konta: numerare nōbne
noverare numera numera: numara ekspōnere spune kanta:re kantar kantare kōnta canta: kinta inglakia:re ingetsa infla:re
inļar enfiare enfla: konfla:re gonļare intume:skere entumeðer inkendere enðender inļendjare isēndžar ənsēndrə inļindž

Appendix 4 - Words containing each segment

omnis tantus tanto tanto tant tanc alguno alkuno magnus grandem grande grande gran grant longus longo lungo lunk lung anŭo 'pittinus pittino pekenu putsin angustus angosto angusto minu:tus m̃ny menuo minuto m̃nut minu minu:t m̃runt rekentem reŭjente reŭfente retsint ple:nus leno pje:no plen plin nowus nuvo nweŭo ñvo novu ñw ñwe now bonus bweno bw̃o: no b̃n b̃n bun rotundus redondo ritondo tar̃nt r̃atund nitidus net niđio netto neđu neđu net net neted wi:ki:nus beŭino viŭino viŭin veŭin lontano l̃unta lontan sinistrum s̃anest̃x sinjestro sinistro galbinus zon đžen galben u:nus uno uno

un unu k̃w:i:nk̃w̃e ŭinko ŭinŭf kjen ŭine k̃w̃ando: kwando kwando kwan kwand kwant kind no:n ñ no non ñw̃ ñw̃ no ñ no nu nek ni ni ne ñj ñj ni ñ in en in en in deintus dins kon kon

O 006F

6

jo io jo nos no bos vof vos vose voste mołłe domina doja done done nijo nino sponsa esposa ispoza iŭpoze mariđo marito sponsus esposo sp̃zo ispozu iŭpozu sokius s̃oŭo sots omaj wazo utŭello paxaro passero p̃joxo pid̃kkjo piołũ piołũ poł pedoli arborem arbol albero ãvori arbore palo palo fruto frutto grano grano folia oxa fołe fołe frondea frond̃a kortikem kortiŭe kortikea korteŭa kortetŭa koŭŭise skortea ekoxs flor floŭ flor kotenna kođiŭe kodie konña po ossum weso ɔso osu osu os webō w̃vo ovu ovu ow kornu: kwerno k̃orno koŭnu kornu korn kola koda plom̃a pelo pelo kabejo kapello oŭej orexa orekkja orełe orejłe orele okulus oxo ɔkkjo ołũ ołũ voli ok' naso na:so boka bokka boke boke bok̃a gola gola gol̃a p̃erno petiolus peŭiolo pitŭolo pekol pitŭor inoxo đziñkkjo z̃enoł đženoli mano ma:no kolum kwejo kollo ko dorsum do d̃osso dos do do epol seno seno peŭo petto kor kor iŭađo fegato sol sole solikulus soreli o p̃jodđ̃a ploje rio rio lago lago sasso sor̃a polvere polbo pols nublo nuvola nuvol nor ŭjelo ŭelo bjento vento jelo đželo umo fumo fokum fwego fw̃ko fogu foyu fok kamino kamm̃ino montem monte monte monta:nea montajna montajna noctem noŭe djurno đorno zorn xornada đornata đornade ajno anno nomi nomi nombre komedere komer kome morde:re moŭd̃x morđer moŭd̃ex morsika:re moskar morsikare konspuere womere vom̃x soŭŭare soŭla: vjodi oir owṽix owṽir kogno:skere konoh̃er konoffere koŭes̃ex koŭosi kođitare ole:re oler olire odo:ra:re odorare dormi:re dormir dormire doŭm̃ix dormi morir morire moŭex okki:dere kortar koŭtaŭ skortare kosał fodere nwotare wola:re vole bolar volare voaŭ zvolare zvola: ose torna:re tornar tornare toŭnaŭ torna: tork̃w̃:re torŭer dona:re donar donare doa dona: appektora:re f̃rote frotar f̃rote arronŭare koser komputa:re kontar kontare konta: noverare sporre joka:re đžokare zog̃aŭ kolar kolare koaŭ skorrere iŭkoŭex aŭkor̃a skori: korer korrere koŭex kor̃a kori konfla:re gonŭare zgloŭa: ustolare omnis oŭni todo tutto tod̃u tođu tot tot muŭo molto mol molc tanto tanto ok̃e alguno alkuno poko p̃ko powku powku otr̃ otro altro owtru owtru mapo map̃no longus longo lungo loŭj lar̃o largo lato lato anŭo ampjo graso grasso espeso spesso gordo grossus g̃ro g̃rosso grosu grosu gros lerdo lordo lerdo lerdo pekepo pittino pikkolo korto korto angosto angusto estretŭo stretto menuo minuto delyađo delikato sottile jo kaldo kaldo frio freddo leno pje:no nowus nuvo nweŭo ñvo novu novu now bjexo vek̃kjo bonus bweno bw̃o: no malo malo pođriđo putrido pođre podri pođri sordidus sordido s̃ardido sp̃rko dritto rotundus redondo ritondo r̃ado ayuđo retuzo soave niđio netto umido seko sekko korre:ktus korretto proksimus proximo pr̃oxsimo prosimu prosimu proizme prosim adpropre presso beŭino viŭino lontano lontan djestro đestro sinjestro sinistro roxo rosso roŭs roŭu ros roŭu bermexo vermiłło rubjo r̃obbjo rubeo rubeo zon amarijo krokeus krotŭeo albo albo uno uno dos dos dow̃a k̃attwor kwatro kwattro ŭinko kwando kwando k̃w̃o:modo komo kome komu komu no non no no kon kon abhoc k̃w̃od

p 0070

47

sponsa epuz esposa sp̃za ispoza iŭpoze aŭp̃za sponsus epu esposo sp̃zo ispozu iŭpozu aŭp̃s spo:s patre peŭ padre pa:dre paj paj paŕa per pari piskem peŭ peŭŭe peŭji peŭji peŭ pes peŭte pwas̃o peŭđ passerem paxaro passero pas̃eru pas̃eru pas̃are peduklus pu p̃joxo pid̃kkjo piołũ piołũ poł pju pedoli p̃dukje serpentem seŭp̃a serpjente serpente seŭp̃eŭi sirp̃eti s̃arpen s̭erp̃e sarpint farpe ɔp pa:lus pal palo palo paw paw pal pa pal par jep pellem po pjel pelle peli peli peł pe pjel pjele adepem adipe plu:ma plym pluma pjuma plom̃a pl̃m plum̃e penna pen peŭa penna pene pene peŭa pen pene paña pilus pwal pelo pelo pilu pilu pel p̃wel pel p̃er kapillus kapello kapitia kap kap pedem pje pje pje:de pe pe p̃ew pi pit piez đž̃p perna pjerna p̃erno p̃erne p̃erne p̃erna petiolus peŭiolo pitŭolo pekol pitŭor pantikem p̃as panŭa panŭa p̃eŭe p̃eŭe paŭŭa p̃as pantse pint̃eŭe spatula epol espalda spalla iŭpadw̃e iŭpadw̃e aŭpałł̃a spal spale spate pektus pi peŭo petto pejt̃u pejt̃u pit pet pjept p̃wat̃in p̃wet̃in aŭa pluvia pḽi p̃jodđ̃a pluž̃a pl̃ef ploje pḽaje ripa:ria petra p̭eŭ p̭eđra p̭e:tra pedre p̃eđre p̃eđra piŭ p̭e:re pjatr̃a lapidem lapide pulwerem pud̃x polvere p̃olvar pulbere pulwus polbo p̃o p̃o pols ṋapte konspuere k̃ɔsp̭e kusp̭ix kusp̭ir eskupir aŭkupi skujpa sputere esputar sputare spuda: respi:ra:re respirar respirare k̃espirar k̭ispirar r̃espira respira: sapere sapere pe:nsa:re p̃as̃e pensar pensare p̃es̃aŭ p̃es̃ar p̃ensa p̃eŭe peŭsa: p̃asa pugnare puŭar puŭjare puŭa kaptia:re pulsa:re puse puxar pulsare puŭaŭ puŭar pulsa: pulsa parti:re p̃akṱir partir partire p̃akṱis p̃ertir p̃arti p̃o:rti parti: se:para:re separar separare separare separ̃aŭ sip̃er̃ar s̃ep̃era separa: separa pungere p̃w̃eđ̃x punđere p̭̃z̭ix p̭̃z̭ir p̭̃ni punđe eksprimere ep̃w̃eđ̃x ekspremir sp̃rem̃ere iŭp̃r̃em̃ex iŭp̃r̃emer aŭp̃rem̃a esprimi appektora:re apretar ep̭irtar ep̭irtar limpida:re limpjar lipar lipar pulsa:re puse puxar pulsare puŭar puŭar pu:si: pulsa: pulsa impingere impind̃ere aŭp̭eŭa impind̃e apta:re komputa:re ekspo:nere sporre spune paŭkus p̃o poko p̃ko

Appendix 4 - Words containing each segment

powku powku pək pō po:k amplus āpl ampjo amplə spissus epe espeso spesso ispesu ifpesu əspes spe 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 pođri pođri spurcus spərko ispurku ifpurku spərku spurk drept proksimus
proximo prössimo prosimu prosimu proizme prosim adpropre əprəp aprəape pressus ppe presso pre patru

R 0072

34

mulierem mui:r mujere mari:tus marito mari:t mərīt mā:trem mā:dre mer mari patre pā:dre per pari passerem passero
serpentem serpente sərpen sjerpē sarpint wermem verme vjer vjer vjerme arborem arbul arbore fru:ktus frutto fryt frut
frukt gra:num grano grin gran griw frondea frondza rā:dikem raiθ ərl rā:di:ke radi:fe rā:di:ki:na rēsen rədəfjīnə kortikem
kortife kortikea kortetfja skortea skōrtsa əskōrsə skwartse flo:rem floer flo:r herba erba erbə jarbe gra:men restem rēsta
karnem karne karn tʃar ca:r krōh kornu: kōrno kōrn kwar korn o:rikla orekkja orele ureke nari:fe nā:ris perna pērno
pernā piľfjor wentrem vintri vintre intera:nea dorsum pwetrin kor kwore kōr kur soreli ri:wus rio rio riw rē riw ri:paria
rivi:r mare mare mar mer mā:r mare sare petra pjē:tra pjē:re hare:nā arēn arinā sorā pulwerem polvere pōlvar pulbere
terra tjera tērra tērā tjere tsarā nor negurā tene:braj tē:nebre tene:bra:s tē:nebre sir dʒer kinerem tʃenere sēndrā strā:ta
strada diurnum dʒorno diurna:ta dʒornata dʒornade bibere komedere manduka:re morde:re mōrdere mwardi morsika:re
morsikare musəgar murseka su:gere konspuere sputere womere vōmere suffla:re soffjare respi:are respirar respirare rəspira
respira: ri:dere reir ri:dere riwə ridi wide:re aūdi:re ski:re sapere sapere kogno:skere konoffere ko:gita:re kođgitare 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:dere pugna:re puņjare
battuere battere kapti:are katfjare pulsa:re pulsare seka:re segare kurtā:re ekskurta:re skortare skurta: skurta tali:are tałłā:re
di:widere dividere skindere fīndere findere fēndere parti:re partire pərti parti: se:para:re separare separa: separa pungere
pundžere jugula:re jugula:re rā:dere raer radere rawrā rada: rade rasar rasare rəza rasa: raskar rəska fodere kawa:re kavare
ekskawa:re skavare nata:re naviga:re navigare wola:re mergere mērdžere mērdže ambita:re andare weni:re ekstendere
estendere jake:re džere sede:re sedere sedenta:re sta:re stare leva:re levare altsare torna:re tornare turna turne torna: turna
gyra:re džirare džira: virare džira: torkʷe:re tōrtfere turser turser tōrsə tōartfe kadere kawrā dare dare dar dona:re donare
tene:re eksprimere spremere iľprāmē iľprāmer esprimi skreme serrere serar səra serare 0erar serrare appektora:re stringere
strindžere əľtrižir əľtrižir stringe strēngi: strindže frika:re fregare froj frea freka frikta:re frettare frisar lawa:re lavare
tergere terdžere ekstergere əstərzi fterdže eksuka:re əľfugare limpida:re tira:re tirare tire tira: pulsa:re pulsare trahere trarre
traj tradže impingere impindžere jakta:re džettare lankea:re lanfare e:runka:re arankar arrontfare liga:re legare apta:re
ko:nsuere kufjire komputa:re kontare numera:re noverare numera: numara di:kere dire ekspō:nere sporre kanta:re kantare
lu:dere joka:re dʒokare flu:ktua:re fluttuare fluita:re fluitare fluere fluire kola:re kolare ekskurrere eskurir skorrere əskorā
skori: kurrere korer korrere korā kori gela:re dželare glakia:re gjattfjare inglakia:re inflare enfiare konfla:re gonfjare
intume:skere kre:ske:re kreffere krema:re kremare krēma flamma:re fjammarde arde:re ardere flagra:re flagrare inkendere
infjendjare 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 gravi lurdus lordo kurtus korto kurt brewis breve
striktus stretto stret strimt marunt subtsire frigidus freddo frēt rekentem reθjente reľfente r
etsint reffe putridus putrido putred putrem sordidus sōrdido spurcus spərko spərku spurk di:re:ktus dritto drō: drēt drept
rotundus redondo ritondo rādo rō tarōnt rātund retu:sus retuzo korre:ktus korretto proksimus prössimo prosim adpropre
aprəape pressus presso pre kirka dekstrum dēstro djestri sinistrum sinistro sijestri russus roxo rosso ros rōs vermikulus
vermiłło bərmēł rubeus rubjo rōbbjo rubeo rubeo ruđe rōľ rojb wiridem verde vert amarellus krokeus kroľfe tre:s tre
tres trō: 'tre: trej kʷattwor kwattro kwatri patru

S 0073

14

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 sōľfo sots be:stia bies bis piskem pēs pwasō useł passerem passero paseru pasəre
peduklus serpentem serpā serpjente serpente sərpeľfi sirpēti sərpen sjerpē sarpint silwa selba selva sewwa sēľve selba
selve pa:lus fru:ktus se:men seme sementis sēmās simjente semente semēľfi simēti sēmen simēs sementfe sēmintfe frōsə
frōsə ʷais ʷasin rēsen kōľfisi kōrtisi kōľfise kurtise skortea ekōrs skōrtsa əskōrsə hwēs skwartse skōartsə restem rista
rēsta sangʷinē sā sangre sangwe sēgi sēgi saņ sōg saņk sindže ossum ʷs weso ʷsso osu osu ʷs vwēs os gʷēs grasa
pilus kapillus kavettsa kabesə kēbesə tʃēs testa testa teste testə tʃēs teste tseastə okulus nā:sus naso nā:so nas nā:s nas
naris nā:ris petiolus pās pēsə pēsə pās dorsum dōsso dos dwes spatula espalda spalla əspałłā spal spale spate sinus sē
seno seno seju seju si sen san pektus so:lem sol sole sōw sōł sōl sōare solikulus sōľej sōł sōreli ste:lla estreja stella
istrelē əstel stēl stēa ri:wus sa:lem sel sal sale saw sal se sa:ľ sare saksum sasso seľfu seľfu sabulum sabl
sajbru sajbru sorā savjō savalōn sabula sabbja pulwus pols nu:be:s nu:bilus tene:bra:s tinjeblas tēvēs tēnebrās fumase
fumase sjel sew sew sel sir glas glas gles fu:mus sādķ sendrā sēt sīzē sīzē strā:ta estrada strada istrade die:s morsika:re
moskar morsikare musəga musəgar musəya murseka su:gere syse sugaķ sugar sysi: suđže konspuere kōspyē kuspiķ eskupir

Appendix 4 - Words containing each segment

æskupi skujpa sputere esputar sputare spuda: suffla:re sufle soffjare sufle soflla: sufla respi:ra:re respirar respirare ʀespirar
 ʀespira respira: ski:re sapere savwaʀ saber sapere sabew seber sæþe savø:ʀ save: kogno:skere koneseʀ kupiser konosi
 pe:nsa:re pāse pensar pensare pēsaw pēsar pānsa pēse pe:nsa: pāsa sentire sātīʀ sentir sentire sēfjīʀ sētīʀ sānti sēti sinti:
 simtsi ʔksiʀ uksi fase kasaw kesar kēsa fjesi: pulsa:re puse pulsare pulsa: pulsa seka:re sje segar segare segaw siyar səya
 sea: ekskurta:re skortare skurta: skurta skindere sēde se:para:re sāvwe separar separare separaw sipərar səpəra separa:
 separa rasar rasare rasa: raskar rəska kosaʃ kusar ekskawa:re eskabar skavare ekstendere ekstender estendere istēdeʀ
 æstendrə ekstinde jesi sede:re swaw ser sedere seʀ ser sedenta:re sentar sētar sētar senta: sta:re estar stare æsta es sta: sta
 ose aʃsa aʃsar aʃsa hɔ:si: turser turser tɔrsə segurar siguraw siyurar eksprimere ekspremir spremere æspremə esprimi
 skreme serrere serar seʀa sərar səra serare seʀe serrare siʀar siʀar sere stringere estrejīʀ strindʒere æstrejə stringe strengi:
 strindʒe frisar frāsa ekstergere estarsir æstərʒi eksu:ka:re esqije suwe suja: uska pulsa:re puse pulsare pu:si: pulsa: pulsa
 lāse lēsa lēsar lānsa ko:nsuere koser çqase ekspone:re sporre spune ekskurrere eskurir skorre ʔskorə skorī: skurdʒe glase
 gləsa intume:skere itumeser itumeser kre:ske:re kreseʀ kʀifser ēsādʒe isendʒiar isēdʒar ənsendrə 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 æpes spē gurdus grossus grōsso grosu grosu grōs grwēs gros grawis lurdus pittitus 'pittinus
 pitulus kurtus brewis angustus angosto angusto ingust striktus estrejfo stretto istrejtu æstret stʀø: stret strimt minu:tus
 de:lika:tus subti:lem sutil sottile sufjīw sufjīw suptil su:ti suti:l subtsire kalidus fri:gidus ʀesēfji ʀesēfji ple:nus nowus
 wetulus bonus malus putridus sordidus sordido s
 ʔrdidu sɔrdidu spurcus spɔrko ispurku spɔrk spurk di:re:ktus rotundus aku:tus retu:sus sua:wem soave suaw nitidus
 u:midus u:duis sikkus sek seko sekko seku seku sek sefj sek sek korre:ktus proksimus prōssimo prosimu prosimu prosim
 pressus presso wi:ki:nus dekstrum djestro destro destrū destrə djestri sinistrum sənestrə sinjestro sinistro seftru seftru
 sipestri russus rosso ros rəs vermikulus rubeus galbinus amarellus krokeus albus u:nus duo:s dos dojs dos duas dues tre:s
 tres tres tres sēk siku siku sinj sēk kʷis deintus dins si:k si si si si si si si si

t 0074

21

tu: ty tu tu tu tu ty tu tu usted voste infanтем infante fante ifēti mari:tus marito marit mari:t mērit mātrem patre
 tata tata tata tata tata tatə be:stia pešte uttfello serpentem serpjente serpente sirpēti sarpint fru:ktus fruto frutto frute
 frute frujt fryt frut frukt sementis simjente semente simēti kortikem kortijfe kortisi kortikea korteða kortettja kurtise
 skortea restem rista resta ʀefti kotenna kapitia kavettsa testa tet tēsta testə tēfje testə teste tʂeastə dentem djente dēte
 dēti dint dinte pit petiolus pitfōlo wentrem vātʀ bjentre bentrə vēt vintri vintre pantikem pintefje intera:nea ātʀaj
 entrapa itrejpe ētrejpe əntrapə spatula spate pektus petto pejtu pejtu pit pet pjept pwatʀin pwetrin fi:ka:tum fegato fœt
 fija:t fikāt steilla etwal estreja stella istrele iftrele æstel stœl stele stēa la:t petra pje:tra pjatrə terra tēʀ tjera terra tēʀ
 tēʀ tērə tēʀ tjere tene:braj tenebre tene:bras tenebʀ tinjeblas tē:nebre treves trevef tənebrəs fu:ma:ta fumata fuma:ta
 fumate wentum bjento vento vētu vētu 'vint vint gjattja sēt stra:ta estrada strada istradē iftradē montem monte monte
 mōti mōnt munte monta:nea mōtaj montajna montajna mōtēje mōtēje muntajə mōtaj montajne noctem nōtte nojti nojti
 nit nyt nɔt nɔapte diurna:ta dʒornata sputere esputar sputare fti konetʀ kunqaste ko:gita:re koʒitare kuzitaʀ kuzitar
 kudʒeta sentire sātīʀ sentir sentire sētīʀ sānti sēti sinti: time:re temer temere temex timer temə temi teme tremere tremere
 tremare tremex trimer trima: tu:ta:ri tye tuwe makta:re mate matar mataʀ mētar mēta uttfidere battuere batʀ batir battere
 bateʀ bēter batrə bate bati bate kaptia:re katfjare kurta:re kortar koʀtaʀ kurtar ekskurta:re ekurte skortare skurta: skurta
 ta:lia:re toje taxar taʃʃa:re taʃaw tēʃar tēʃa teji: taja: tēja fēt parti:re pætiʀ partir partire pertir pæti pɔ:rti parti: nata:re
 nɔtare ambita:re ekstendere etādʀ ekstender estendere istēdeʀ iftēder æstendrə ekstinde sedenta:re sentar sētar sētar senta:
 sta:re etʀ estar stare iftar iftar æsta sta: sta torna:re tuʀne tornar tornare toʀnaʀ turnar turna tu:rne torna: turna toʀkʷe:re
 toʀkʀ toʀðer toʀfjere turser turser tɔrsə toʀfje tōbe tumber tōbaʀ tōbar tumba tume tene:re tənīʀ tener tenere tēʀ ter tēni
 tini tinji appektora:re apretar epirtar epirtar stringere etēdʀ estrejīʀ strindʒere æstrizir æstrizir æstrejə stringe strengi:
 strindʒe frikta:re fʀote frotar frettare fʀote tergere tēdʒere ekstergere estarsir æstərʒi fterdʒe tira:re tīʀe tirar tirare tirar tira
 tire tira: trahere tʀæʀ trarre traze trezer tʀewrə traj tradʒe jaktare zəte dʒettare zejtar zejtar xita dʒete apta:re atar etar
 etar komputa:re kōte kontar kontare kōtar kōtar kumta kōte konta: kanta:re fāte kantar kantare kētar kētar kēnta fʃāte
 canta: kinta flu:ktua:re flyktqe flugtwar fluttuare flutuaw flutuar fluktua fluctua fluita:re fluitare gjattfjare intume:skere
 entumeðer itumeser itumeser kəwatʀ krefte ustula:re ustolare ustura to:tus tu todo tutto todū tot tɔ dut tot multus
 molto mūjtu mūjtu mult tantus tanto tanto tētū tētū tant tanc alter otʀ otro altro owtru owtru altrə öt altri alt grant
 la:tus lato lato latu latu lat pittitus pæti pætīt piti 'pittinus pittfino pitulus kurtus korto korto kuʀtu kurtu kurt kurt
 angustus angosto angusto ingust striktus etʀwa estrejfo stretto istrejtu iftrejtu æstret stʀø: stret strimt minu:tus minuto
 mənūt minu:t mərunt de:lika:tus delikato dəlikat subti:lem sutil sottile suptil su:ti suti:l calt frēt frēt rekentem reθjente
 reffente retsint wetulus putridus putrido puðrit putred putrem di:re:ktus dritto dʒirejtu direjtu dr
 et dret drept rotundus ritondo tarənt rətund aku:tus ægut hebetem ebete retu:sus retuzo nitidus net netto net net neted
 korre:ktus korretto lwētē lontano lūnta lontan dekstrum djestro destro destrū deʃtru destrə djestri sinistrum sənestrə
 sinjestro sinistro seftru seftru sipestri sīnestri vət vət tre:s tʀwa tres tre tres tref tres tʀø: 'tre: trej kʷattwor katʀ kwatro
 kwattro kwatru kwatrə kwat kwatri patru kwant fjemu:t deintus et

Appendix 4 - Words containing each segment

U 0075

15

nu vu bus tu tu tu tu tu tu tu usted mulierem muxer mułex mułer mułe muir mujere epuz mari:tus maridu meridu sponsus epu ispozu ifpozu sokius awikellum uttfello useł uhe utfel paseru paseru peduklus pu piołu piołu pju pädukje 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 kožnu kornu kua pluma pjuma plume pilus pelu pilu kapillus kabelu keβelu urełā ureke okulus ołu ołu uj na:sus bukka buf bukā gula gurā ungula upa ungja upe upe ɔɲgule ungje petiolus genikulum zənu zuełu zwełu dženunk^l manum kollum ku kōlu kōlu dorsum spatula sinus seju seju pektus pejtu pejtu kuɣ fi:ka:tum figeđu fiyeđu solikulus luna luna lue lue lūnā lune lunā pluwia jubja juve juve plužā fjume flumi flumi flum ri:wus ɣiu lakum lagu layu saksum sejfu sejfu laude sabulum sajβru sajβru sabula pulwerem pudɣ 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 fum fokum fogu foyu fjenufā kammi:num kamjnu kemjnu mun munte muntajā džu diurnum zuɣ djurno diurna:ta zuɣne annum ɐnu ɐnu nume kumer manduka:re mandukar murder musaga musagar musəya murseka sugaɣ sugar cuca: suɣe konspuere kuspiɣ kuspir eskupir əskupi skuɣpa sputere esputar sputare spuda: suffla:re sufle sufle sufla udire ui uldi: kupiser kuneɣa kuɲaɣte kuɣitaɣ kuɣitar kujda kuɣeta ulura durmir durmi durmi: muɣiɣ muɣer muri muri: muri tuwe uttfidere uksi uttfide pugna:re pupar pupjare pupa battuere pulsa:re puse puxar pulsare puɣaɣ puɣar pulsa: pulsa kurtare kurtar ekskurta:re ekuɣte skurta: skurta pungere pundgere pupi pundze jugula:re jugula:re kusar bula zbura lua tuɣne turnar turna turna turser turser tumbas tumba tume duar duna segurar siguraɣ siɣurar affugare əfugaɣ əfuyar əfuga suwe suja: uska pulsa:re puse puxar pulsare puɣar puɣar pulsa: pulsa e:runka:re aruɲka ko:nsuere kudɣ kuɣire kuzer kuzer kuzi kuzi komputa:re kumta numera:re numera numera: numara spune ludir xugar zuɣar zuga džuwe džuja: zuka flu:ktua:re flugtwar fluttuare flutuɣ flutuar fluktua fluctua fluita:re fluitare fluere fluir fluire flui kule kuar kuł ekskurrere eskurir ifkurer skurɣe kurrere kuɣiɣ kuɣer kurɣe umfla intume:skere entumeθer itumeser itumeser ustula:re ustolare ustura to:tus tu tutto todū tođu dut multus mu muɣo mūjtu mūjtu mult tantus tētu tētu alguno alkuno əlgu paɣkus powku powku owtru owtru alius magnus longus lungu lōgu lōgu lunk lung largus ləɣgu largu la:tus latu latu amplus ɛju ɛju krassus graɣu spissus ispesu ifpesu gurdus grossus grosu grosu lurdus luɣ pittitus 'pittinus pekenu pitsin pitulus piɣul kurtus kuɣ kuɣtu kurtu kurt kurt angustus angusto ɲɲust striktus istrejtū iftrejtū minu:tus menudo minuto miudu miuđu mənūt minu mərunt de:lika:tus dewgadu deɣađu subti:lem sutil suɣiw suɣiw suptil suti:l subtsire kalidus kawdu kaldu fri:gidus friu friu ple:nus feju feju nowus nuvo novu novu wetulus vejāu vełu bonus bun malus putridus putrido puđrit putred putrem sordidus sərdidu sərdidu spurcus ispuɣku ifpuɣku spurk di:re:ktus dʒirejtū direjtū rotundus ɣədöđu ɣidöđu rətund aku:tus aɣuđu eɣuđu əɣut retu:sus retuzo sua:wem suaw nitidus neɣu neɣu u:midus umido umid umed u:dus ud sikkus seku seku korre:ktus proksimus prosimu prosimu pressus wi:ki:nus vizjnu vizjnu lūnta dekstrum destru deɣtru sinistrum seɣtru seɣtru russus ɣu ɣofu rofu vermikululus vɛɣmełu virmejāu rubeus ɣuɣ rubjo rubeo rubeo ruɣe galbinus amarellus ɐmərəlu krokeus albus awvu alvu u:n us uno uno un uɲ unu duos: duaj due duas duəs duɛɣ kwatru kwatru patru siku siku ekkumhi:k kwēđu kwēđu komu komu kum nu deintus kum ku avu

V 0076

19

vu voi vɔjs vɔf vos vo: voj vose vɔse voste avi avi vɛɣ verme vɛɣmi vermi vɛɣm vjer vjer vjerme aɣvori arvuri selva sewva sełve selve ɛɣve ɛɣve vjād vivanda vivēda vivēde vɛs wɔvo ovu ovu ɣəvə dʒive cavej ɣəve kavettsa voli vāɣ vēt vintri vintre juve juve ɣivjɛɣ rivir savjɔ savalɔn polvere polvar nuvēj nuvēj nuvola nuvol nevwɛ nevwɛ trevɛs trevej vā vento vētu vētu vē 'vint vint neve nevi nevi nivaj vwa via vie vie voj lēv bevi vomix vɔmere vo:mi vɔame vɛwɛ vedere vɛɣ ver vi:r vjodi vedɛa owvix owvir savwɛ savə:ɣ save: vivɣ vivere viveɣ viver vivi via dividere dʒividɣiɣ dividiɣ dividi divide səvɛ ɣəve kavare kɛvɛɣ kɛvar java: skavare ifkɛvɛɣ ifkɛvar zjava: naviga:re navigare naviɣaɣ neviɣar naviga: naviga vole volare voaɣ vwar vɔle zvolare zvola: vənix venire viɣ vir vini vjɲi: veni levare ləve levare levɛɣ livar ləve leva: viɣe virare virar viɣe lave lavare lɛvar lɛvar lave lava: noverare greve gravi gravi grav gravi breve brevi brevi nuvo novu novu novu nɔve vjə vɛkkjo vejāu vełu veł vi: vjei vek^l soave vwazē vitfino vizjnu vizjnu vizē vitfin vejfin vermikululus vɛɣmej vermiłlo vɛɣmełu virmejāu vɛɣ verde verdi verdi vert vɛɣ vert verde awvu alvu vi avek avu

W 0077

8

ew ew jew wo:s pwasō awem aw awikellum wazo wermem silwa sewva paw paw fwee hwes skwartse kwan wi:wenda sangwe weso vɛs o:wum webo wɔvo ɔw ow kwerno kwen kwar kɔw pwal pwel pew zwełu wentrem kwejo kwel dwes ifpadwɛ ifpadwɛ pwatɣin pwetrin kwɔre awmɛ fwa sow etwal aywa akkwa agwɛ ajɣwə ew pluwia ri:wus ɣiw riw riw saw pulwerem pulwus nevwɛ nevwɛ newlə sew sew wentum niwem new fwego fwɔko wia vwa leɲgwa lingwa ligwɛ ligwɛ leɲgɣwə bwɛɣ bewrə mwardi womere riwrə widere vɛwɛ bewrə wiɣ owvix owvir savwɛ kwidar dwɛmi wi:were biwrə nwaje tuwe di:widere pwēɣ rawrə fwix kawa:re ekskawa:re nwotare wolare vwar wenire zawrə swaɣ fwaɣ kawrə lawa:re suwe trɛwrə zve džuwe flugtwar flwix flwir kɛwatɣ awgū powku powku owtru owtru aw

Appendix 4 - Words containing each segment

grwes grawis grew grew brewis brew etŕwa dewgadu sufŕiw sufŕiw kawdu fŕwa fŕwe nowus nweŕo nŕw now wetulus bwenno bwɔ: no maw maw dŕwa sua:wem suaw wiki:nus vwazē lwētē wiridem awvu dowə tŕwa kʷattwor kwatro kwattro kwatru kwatru kwatrə kwat kwatri ʦŕŕkwe kwi kwi kwa kwe: kwando kwando kwēdu kwēdu kwan kwand kwant

X 0078 35

muxer paxaro pjaxo oxa orexa oxo inoxo xornada puxar taxar xirar puxar xita xugar bxexo proximo roxo bermexo

y 0079 23

ty ty fryt plym lyn ɣy ny njyl fyne nyt syse sysi: kōspyē zygylye gyra:re flyktqē flye mǣny

Z 007A 48

epuz spɔza ispoza iŕpoze əspɔzə spɔzo ispozu iŕpozu wazo frunzə piez sīze sīze ʦŕinize zi auzi ɤaze ɤazar ɤezar rəza zjava: zvolare zvola: zbura zezis zezes zezet zəʦŕa traze trəzet kuzet kuzet kuzi kō:z kuzi dizer dizer zifŕe zgloŕfa: retuzo proizme vwazē viziju viziju

Ǿ 00F0 49

mariǾo meriǾu maǾre paǾre iyaǾo fiyēǾu pjeǾra peǾre peǾrə iŕtraǾe morǾer murǾer diviǾir neǾar toǾu miuǾu delyaǾo deŕyaǾu poǾriǾo puǾrit poǾre poǾri ayuǾo eyuǾu niǾio

ō 00F5 58

pwasō pehō frōse frōse ōgl mōŕŕi mōti mōtan mōtēne mōtēne ōr tōbe tōbax tōbar kōte kōtar kōtar kōte gōfle gōfle pō ōt lōgu lōgu lō ʦō bō bō bō bō ɤō ɤedōdu ɤidōdu rō ō kō kō

ø 00F8 75

kø ʃəvø løn fø pø vjø dø

ĩ 0129 42

ifēŕŕi ifēti iŕtēne sīze size kamĩnu ligwe ligwe əŕtrĩzĩr əŕtrĩzĩr lipar lipar ifar ifar itumeser itumeser isendĩar isēdĩar siku siku sī sī

ŕ 014B 72

sangre san sanŕ ɔŕgule man ɔŕ nŕŕ leŕgwa ɤeŕgwa manja: peŕsa: arunŕka zgloŕfa: ɤŕŕŕ ɔŕgust un ʦŕŕkwe sinŕ ʦŕŕŕk

œ 0153 31

fœm fœj flœx flœr œf œj gœl gœj kœx fœt stœl fœ

ũ 0169 86

pũzĩx pũzĩr mũjtu mũjtu awgũ aŕgũ ũ ũ

Ƶ 0250 30

femeƵ femjē done done iŕpoze meriǾu biŕe biŕe paŕeru paŕeru sēlve frute frute foɤe foɤe frōse frōse ɤeif kŕŕŕŕŕŕŕŕ kurtise eɤve eɤve grēmē grēmē kodjē kodie vivēde graŕe graŕe kaɤde kaɤde penē penē ɤeβelu kabese ɤeβese teste teŕte oreɤe orejɤe nerif boke boke unē unē peɤne peɤne zweɤu pēse pēse iŕtēne ētēne iŕpadwe iŕpadwe awme alme figēdu fiyēdu lue lue iŕtrele iŕtrele agwe agwe juve juve peǾre peǾre areje ereje teɤe teɤe kelizēj nevwē nevwē treves treveŕ fumase fumase sīze size vie vie iŕtrade iŕtrade kemĩnu mōtēne mōtēne die die enu enu ligwe ligwe seber metar betar kesar teɤar pertir siperar ɤeer ɤezar ɤeŕkar ɤevax ɤevar iŕkevar iŕkevar neǾar neviyar kemĩnax kemĩnar zezes zezet keir keir epirtar epirtar levar levar trezet etar etar erder eyuǾu emarelu emarelu dues dueŕ eki ei e

Appendix 4 - Words containing each segment

A	0251	67
pa tʃar am am fwa hare:na savjō bwax taje kaze gwa tɕwa		
ɔ	0254	9
<p>ʒa nɔf vɔse dɔnna dɔnə dɔne spɔza əspɔzə spɔzo əspɔs sɔfɔ pidɔkkjɔ ɔp fɔlɫa kɔtʃisi kɔrtisi skɔrtsa əskɔrsə flɔ ɔs ɔsso ɔs ɔhɛ krɔh wɔvɔ ɔw kɔn kɔrno kɔrn kɔw kɔde plɔm ɔrej ɔkkjɔ bɔk bɔce gɔle ɔŋgule pitʃɔlo dʒinɔkkjɔ ɲɔ kɔlu kɔlu kɔl dɔsso kwɔre kɔx kɔr sɔw sɔt sɔl sɔlej sɔlo savalɔn pɔlvar pɔ pɔ fwɔko fɔk mɔnt mɔntajɛ nɔtte ɲɔt ʒɔɲna ʒɔɲna nɔm nɔŋ mɔrdere vɔmere kɔnetɪ kɪnɔh dɔɪmiɪ mɔri ɔksɪ vɔle tɔɪdɪ tɔɪfɛre tɔrsə dɔne kɔle kɔri tɔ pɔko pɔk grɔsso grɔs nɔvɔ nɔw nɔve bɔn bɔn sɔrdido sɔrdidu sɔrdidu spɔrko spɔrk tarɔnt prɔssimo ɔprɔp rɔs rɔbbjɔ rɔf grɔk kɔmɔ kɔm kɔmɛ</p>		
ə	0259	4
<p>ʒə dɔnə dɔamɲə əspɔzə mɔrit əspɔs marə parə tatə nɔmajɛ pasərə pɔdukjɛ sɔrpen abrə sɔmɔs sɔmen sɔminʃə fuɫə frunzə ɔrɛl rɔdɔʃinə əskɔrsə skɔartsə erbə jarbə kɔnnə ɔqadə plɔmɔ pɛɲə panə pɔr ʃɔvɔ kɔbɛɫ ʃɔvɛ testə tɕɛastə urɛɫə bɔkə bukə gɔlə gurə kambə gambə pɛrnə ʒɔnu ʒɔnɔɫ minə alə bentrə paɲʃə ɔntrajə əspaɫɫə inimə fɛdʒə ɫunə lunə əstɛl ajɣwə apə pluʒə pɛðrə pjatrə ɔrenə arinə sorə tɛrə tsarə newlə negurə tɔnebɾəs ʃɛaʃə ɡɛatsə sɛndrə ʃɛnuʃə biə ʃɔmɛ kɔmi muntajə diə ɫɛŋgwə limbə bɛwɾə mɔɲʒa musəɡa musəɡar musəɣa əskupi rɔspira riwrə bɛwɾə sɔʃɛ kunɛʃə pɔnsa pɔsa sɔnti flɔjra temə biwrə nəɡa mɔta batrə kɔsa sɔɣa tɔɫa tɔja fɛndrə pɔrti sɔvɛ sɔpərə rawrə rɔza rɔska ʃɔvɛ kɔba nɔda nɔbɔɡa ʃɔmine kɔmina vɔniɪ bɔni ɔstɛndrə ʒawrə ʒɔʃɛa ɔsta lɔvɛ ɫɔba lɔvɛ əlsa tɔrsə kawrə kɔdɛa tɔniɪ tɔni ʃprɔmɛ ʃprɔmɛr əsprɛmə sɔrar sɔra əʃtrɪʒir əʃtrɪʒir əstreɲə frəɡa frɔsa ɫɔba ɔstərʒi əʃuga trɛwɾə ɔmpɛɲə ʒɔtɛ ɫɔnsa kɔnta əskɔrə kɔrə ʒɔlɛ ʒɔla ɡlɔsa kɾɛʃə kɾɔma ənsɛndrə əɫɡu altrə amplə əspɛs pɔti pɔtit əstɾɛt mɔny mɔnut mɔrunt dɔlikat rɔdo rɔtund əɡut ɔprɔp bɔi destrə sɔnestɪ bɔrmɛɫ dɔwə kwatrə əɫa ɔn kɔ kɔ kɔ</p>		
ɛ	025B	32
<p>fɛmine ɛfɔ pɛr bies pɛs pɛhɔ utʃɛllo uɦɛ utʃɛl sjɛrpɛ vɛrm vjɛr sɛwva sɛlvɛ sɛlvɛ sɛmɛntʃɛ ɡɛn ɔrɛl rɛsɛn hɛwɛ ɛɪb ɛrba ɛrvɛ jɛp ɡɪamɛn rɛsta kɛʃʃi pɛli pɛ pjɛl ʃɛɪ vɛwɛ ɡɪɛs kɛwɛn kɔdɛ plɛmɛ pɛn pɛɲə pɛn pɛnɛ pɛl pɔwɛl kɔbɛɫ dʒivɛ ʃɔvɛ ʃɛs tɛt tɛsta tɛstɛ tɛʃtɛ ʃɛs tɛstɛ urɛɫə bɔce dɛntɛ ɔŋgule pɛ pɛ pɛw pɛrno pɛɪnɛ pɛrnɛ pɛrnə pɛkɔl kwɛl spalɛ pɛtto pɛt pɛwɛtrɪn ɔstɛl stɛlɛ ɛw plɛf rɛ mɛɪ sɛl pɛðrɛ ɔrɛn tɛrra tɛɪrɛ tɛrə tjɛrɛ nɛvɛwɛ nɛvɛwɛ tɛnɛbɪ tɛrvɛs tɛrvɛʃ sjɛl ʃɛlo sɛw sɛw sɛl vɛntɔ nɛvi nɛvi ʒɛl dʒɛlo ʒɛʃ ɡlɛs sɛndrə ʃɪnizɛ muntɛ ɫɛŋgwə 'lɛŋɡɛ bɛwɾə bɛwɾə sɔʃɛ kɔnetɪ kunɛʃə flɛɪkɛ ʃɛsi: tɛji: fɛndɛrɛ fɛndrə nɛdʒi: mɛrʃɛrɛ ɛstɛndɛrɛ ɛtɪ ɛs spɛrmɛrɛ sɛrɛ ɔstreɲə strɛŋɡi: tɛrʃɛrɛ tɪɪk trɛwɾə ɔmpɛɲə dʒɛtɛ ɪntʃɛndʒɛrɛ ɪspɛsu əspɛs spɛ ɡrɛwɛs ɡɪɪjɛf ɡrɛvɛ ɡrɛvi bɛʃf bɛrvɛ bɛvi ɔstɾɛt strɛt dɛʃɔɔu frɛt fɪrwɛ rɛʃɛntɛ pɛ plɛn nɔvɛ vɛkkjɔ drɛt drɛt ɛbɛtɛ nɛt nɛdʒu nɛdʒu nɛt nɛt sɛk sɛk sɛʃ sɛk prɛssɔ prɛ destrɔ destrɔ dɛʃtrɔ sɔnestɪ sɛʃtrɔ sɛʃtrɔ vɛkɛj bɔrmɛɫ vɛrt vɛk vɛrt dʒɛn ɛmɛrɛlu ɛmɛrɛlu trɛs kɛ ɛ</p>		
ʃ	025F	81
jambe maɲʃa: ʒava: ʒjava:		
ɡ	0261	1
<p>ego: ɡra: num ɡɛn ɡrano ɡrano ɡrɛw̃ ɡrɛw̃ ɡra ɡrin ɡran ɡriw ɡra: mɛn ɡɪamɛn ɡrama ɡrɛmɛ ɡrɛmɛ ɡram sangrɛ sangwɛ sɛɡi sɛɡi sɔɡ ɡɪɛs ɡrasa ɡrafɛ ɡrafɛ ɡrɛʃ ɡula ɡɔɛl ɡola ɡola ɡolə ɡɔɛj ɡolɛ gurə unɡula ɔɡl unɡja ɔɡ ɔŋgule unɡjɛ ɡamba ɡamba ɡamba ɡambə ɡɛnikulum fɛɡato fɛɡɛdu ɡwɛ ɡwɛ ɡɛ ɡago ɡago ɡagu ka:li: ɡinɛm nɛɡurə ɡɛlu: ɡlas ɡjattʃa ɡlas ɡlɛs ɡlatʃɛ ɡɛatsə fwɛɡo fɔɡu lɔɡ lɛŋɡwa lɪŋɡwa lɪɡwɛ lɪɡwɛ lɛŋɡwə 'lɛŋɡɛ musəɡa musəɡar su: ɡɛrɛ sugaɪ sugaɪ kɔɡno: skɛrɛ kɔ: ɡita: rɛ fra: ɡra: rɛ fraɡrɛrɛ nɔɡa ɔnɛɡar ɔnnɛɡarɛ puɡna: rɛ sɛɡar sɛɡarɛ sɛɡaɪ puŋɡɛrɛ juɡula: rɛ ʒyɡylɛ juɡula: rɛ naviɡa: rɛ nɔbɛɡar naviɡarɛ nɔbɔɡa naviɡa: naviɡa mɛrɡɛrɛ ɡyɾa: rɛ sɛɡuraɪ sɪɡuraɪ sɪŋɡɛrɛ sɪŋɡɛrɛ strɛŋɡi: fɛɡar fɛɡarɛ frəɡa ɪffɪrɪɡar tɛrɡɛrɛ ɛkstɛrɡɛrɛ ɔʃʃuɡarɛ ɛʃuɡar ɔʃuga ɪmpɪŋɡɛrɛ lɪɡa: rɛ lɛɡar lɛɡarɛ lɛɡa xuɡar ʒɔɡaɪ ʒuɡa flugtwar ɡɛla: rɛ ɡlɔkia: rɛ ɡlɛsɛ ɡjattʃɛrɛ ɡlɔsa ɡlatʃa: ɪŋɡlɔkia: rɛ ɪŋɡɛtsa ɡɔʃlɛ ɡɔŋʃɛrɛ ɡɔʃlɛ ʒɡlɔŋʃa: ʃlaɡra: rɛ ʃlaɡɛrɛ ʃlaɡraɪ ʃlaɡrɛrɛ ʃlaɡɪkɪ ʃlaɡraɪ ɔɫɡu ɔɫɡu ɔɫɡu mɔɡnɪs ɡrɔndɛm ɡɪɔ ɡrɔndɛ ɡrɔndɛ ɡrɛdʒi ɡrɛdi ɡrɔn ɡɪɔ ɡrɔnt lɔŋɡus lɔŋɡo lɔŋɡo lɔɡu lɔɡu lɔŋ lɔrɡus lɔrɡo lɔrɡu lɔrɡu lɔrɡ ɡɪɔ ɡraso ɡrasso ɡrafu ɡras ɡras ɡras ɡurdus ɡordɔ ɡrossus ɡɪɔ ɡrɔssɔ ɡrosu ɡrosu ɡrɔs ɡrɛwɛs ɡrɔs ɡrawɪs ɡɪɪjɛf ɡrɔbɛ ɡrɛvɛ ɡrɔvi ɡrɔvi ɡrɛw ɡrav ɡrɛvi ɡrɛw ɔŋɡustɪs ɔŋɡostɔ ɔŋɡustɔ ɪŋɡust dɛwɡadu fri: ɡidus ɔɡut ɡalɪnɪs ɡalɪn ɡrɔk</p>		

Appendix 4 - Words containing each segment

Y	0263	82
iḡaðo fiḡeðu aḡwa aḡwə laḡu foḡu muṣəḡa siḡar səḡa naviḡaḡ naviḡar siḡurar iḡfriḡar ēḡuḡar liḡa zuḡar larḡo deḡaḡo deḡaḡu aḡuḡo eḡuḡu		
U	0265	68
fkuḡi pluḡi nuḡi kuḡide tḡe esuḡje flyktḡe		
i	0268	45
ifēti iḡpoze iḡpozu peḡḡi avi sirpēti vermi arvuri simēti səmintḡə kərtisi 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 naviḡar iḡtar iḡtar livar siḡuraḡ siḡurar siḡar siḡar epirtar epirtar strindḡe iḡfrigar iḡfriḡar impindḡe kinta zilar zilar ingetsa kriḡser inḡindḡe grēdi gravi pikenu brevi ingust iḡtreḡtu strimt poḡri wiḡoḡu viḡmeḡlu verdi verdi ki kind in ki		
I	026A	11
ḡḡi na:ris iṣenḡḡar		
ɫ	026B	66
seḡve sɫ zeḡ aḡsa aḡsar kuḡa flama aḡḡu aḡ deḡaḡu kaḡ pḡe		
ɲ	0272	39
doḡa niḡo alimaḡa peḡa peḡə uḡa uḡe uḡe uḡo paḡḡə entraḡa iḡreḡe ēḡreḡe ənḡraḡa kamḡu kemḡu mōḡaḡ montḡaḡ montḡaḡa mōḡeḡe mōḡeḡe muntḡaḡ mōḡaḡ montḡeḡe ɲɔt apo aḡ mḡḡza maḡi: koḡesəḡ kupiser koḡosi puḡar puḡḡare puḡa puḡi kemḡaḡ kemḡar viḡi: estreḡir əstreḡə əmpeḡə oḡḡi maḡo maḡḡo pekeḡo ɲuḡ vizḡu vizḡu siḡestri		
ɭ	027B	87
kosaḡ		
f	027E	29
embra fembra muxer muḡer mariḡo maridu mēriḡu marit maḡre maḡə paḡre paḡə paxaro paṣeru paṣeru paṣere serpjente sirpēti farpe berme vermi verm arḡol albero aḡvori arvuri abrə par fruto frute frute frujt grano grēw grēw gra frōse frōse frunzə kərtisi korteḡa kurtisə skərtsə flor fjo:re flor fləare jerba eḡve 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 pēdre pēḡə pjatrə arena areḡe eḡreḡe ərenə saḡbru saḡbru treves treveḡ tanebrəs ɲer estrada istrade iḡtraḡe djurno zorn xornada nombre beber bere biḡer beḡrə komer kumer mandukar manḡare mēḡar morḡer murḡer moskar morsikare sugar kufpir eskupir esputar sputare respirar respirare weḡpirar wiḡpirar rəṣpira reir ri:dere xiḡ riwḡ ride ber vedere ver beḡrə oir udire owvir saber səber konəḡer kupiser kwidar kuzitar pensar pensare pēsar sentir sētir oler ulura feḡraḡ feḡrar fləḡra temer timer tremir treməḡ trimer dormir durmir bibir viver biwḡe morir muḡer muri anegar matar meḡar utḡidere puḡar batir beḡer batḡə kaḡar keṣar puḡar puḡar seḡar siḡar kortar kurtar taxar teḡar dibidir dividiḡ ender fēder fēndḡe partir pērtir separar separaḡ siḡerac səḡəra pūḡir raer weḡer rawḡe rasar weḡar raskar weḡkar kusar kabar keḡar eskabar iḡkeḡar nadar nwotare neḡar nabegar naviḡar bolar volare vwar zvolare zbura kaminar kamminare kemḡar andar ēḡar benir venire vir ekstender iḡtēder əstendḡe jaḡer ḡaḡḡe:re zeḡer zawḡe 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 səraḡ ḡerac siḡar siḡar apretar epirtar epirtar estreḡir əstreḡə fregar frəḡa iḡfrigar iḡfriḡar frotar frisar frəsa laḡar leḡar leḡar estarsir ēḡugar ēḡuḡar limpjar lipar lipar tirar ɲira tirar tira puḡar puḡar puḡar traze treḡer treḡrə eḡḡar zeḡtar zeḡtar lanḡar lēsar arankar aruḡka leḡar atar etar etar koser kuzer kuzer kontar kōtar kōtar numera deḡir dizer dizer kantar kētar kētar ludir xugar zuḡar flugḡwar flutuar fluir flwir kolar kuar eskurir iḡkurer skurḡe korer kuḡer kurdḡe elar zilar zilar inḡar iḡar iḡar entumeḡer itumeser itumeser kreḡer kreṣə kriḡser kreḡe kreḡte kemar keḡmare arder vḡder arde flagrar flagrar enḡender iṣenḡḡar iṣēḡar ənsendḡe otro owtru owtru altrə grande grēḡi grēdi mare larḡo largu laḡk graso graḡu gras gordo grosu grosu grəs 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		

æpɹəp θerka djestro dæstru dæstru dæstrə sinjestro sɛstru sɛstru roʃu bermexo virmɛjɹu berde verdi verdi vɛrt verde amarijo
 ɛmæɹɛlu ɛmæɹɛlu grɔk tres tres tɹɛʃ kwatɹo kwatɹu kwatɹu kwatɹə

82

Appendix 4 - Words containing each segment

ღჳრეჳთუ ნეღჳუ ნეღჳუ რუღჳე ჳენ

ts 02A6 51

sots skortsa skwartse skqartsə tseastə pantse tsarə geatsə simtsi altsare tsine ingetsa putsin subsire retsint

tf 02A7 44

ifētfi sɔtfɔ uttfello uttfjel tfē seṽpētʃi semētʃi semenʃe səminʃə radi:ʃe rədəʃinə kortiʃe kəʃʃisi kortetʃa kəʃʃisə ʃeʃʃi ʃar ʃes ʃes nariʃe dētʃi pitʃɔlo piʃʃor panʃa pintetʃe peʃʃo ʃeʃaʃə ʃelo ʃi:l ʃer gʃatʃa glaʃe ʃenere ʃinize ʃenuʃə ʃimē mōʃi noʃe sēʃiʃ maʃa: utʃidere utʃide katʃare ʃesi: caʃa: paʃʃiʃ ʃimine ma:ʃʃi: dʒaʃe:re zəʃʃea alʃa: tɔʃʃere tɔarʃe ʃe:r ʃjade ʃira eʃʃar lanʃare lanʃa: arronʃare kuʃʃire ziʃe ʃāte gʃatʃʃare glaʃa: inʃʃar inʃʃendʒare inʃʃindʒe muʃʃo anʃʃo pitʃʃino piʃʃul estretʃʃo suʃʃiw suʃʃiw ʃō reʃʃente ʃesēʃʃi ʃesēʃʃi reʃʃe seʃʃ viʃʃino viʃʃin veʃʃin rɔʃʃ krotʃeo ʃʃiŋkwe ʃʃiŋk ʃʃinʃʃ ʃʃine ʃe ʃe ʃʃemu:t

β 03B2 65

arβol keβelu kaβeθa keβese sajβru sajβru 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

ē 1EBD 64

seṽpētʃi siṽpētʃi sjeṽpē semētʃi simētʃi simēs vivēda vivēde dētʃi dētʃi mē ētrejə sē vētu vētu pēsak pēsar sēʃʃiʃ sētʃir kēdēk fēdēk fēder istēdēk iʃtēder sētʃar sētʃar ēʃuɣar ēʃuɣar ēʃle iʃēdʒar ʃesēʃʃi ʃesēʃʃi plē viʒē 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-lugulare	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-Gyrare	gyra:re	g-eeh-r-A-r-ay
ToTurnIntransitive-Torquere	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-Appetorare	appektora:re	ah-p-p-ay-k-t-oh-r-A-r-ay
ToSqueeze-Stringere	stringere	s-t-r-e-n-g-ay-r-ay
ToRub	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	sɛʁpã	s-ay-rr-p-NasalA
Worm	veʁ	v-ay-rr
Tree	akbɛ	ah-rr-b-rr
Stick	pal	p-ah-l
Fruit	fʁɥi	f-rr-eu-e
Seed-Sementis	səmãs	s-aah-m-NasalA-s
Seed-Granum	gʁɛn	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	ekɔʁs	ay-k-oh-rr-s
Flower	flœʁ	f-l-uuh-rr
Grass	ɛʁb	eh-rr-b
Grass-Gramen	gʁamen	g-rr-ah-m-eh-n
Skin	kwan	k-w-ah-n
Skin-Pellis	po	p-oh
Meat	ʃɛʁ	shh-eh-rr
Meat-Vivenda	vjad	v-jg-NasalA-d
Blood	sã	s-NasalA
Bone	os	euh-s
FatNoun-Crassia	gʁɛs	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	dā	d-NasalA
Fingernail	ōgl	on-g-l
Foot	pje	p-jg-ay
Leg-Gamba	zāb	gzah-NasalA-b
Knee-Geniculum	zənu	gzah-aah-n-u
Hand	mē	m-ehn
Wing	el	ay-l
Belly	vātɤ	v-NasalA-t-rr
Belly-Pantex	pās	p-NasalA-s
Guts	ātɤaj	NasalA-t-rr-ah-jg
Neck	ku	k-u
Back	do	d-oh
Back-Spatula	epol	ay-p-oh-l
Breast	sē	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	səl	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	sjəl	s-jg-eh-l
Wind	vā	v-NasalA
Ice	zəl	gzah-eh-l
Ice-Glacies	glas	g-l-ah-s
Fire-Focus	fø	f-uu
Ash	sādɤ	s-NasalA-d-rr
Road	vwa	v-w-ah
Road-Camminus	ɸəmē	shh-aah-m-ehnn
Mountain	mō	m-oon
Mountain-Montanea	mōtɤɸ	m-on-t-ah-VdPalatalNasal
Night	nɤi	n-eu-e
Day-Diurnus	zɤɤ	gzah-u-rr
Day-Diurnata	zɤɤne	gzah-u-rr-n-ay
Year	ā	NasalA
Name-Nomen	nō	n-oon

Appendix 5 - Word Lists by Language

Tongue	lāg	l-NasalA-g
ToDrink	bwaꝛ	b-w-a-rr
ToEat-Manducare	māꝛe	m-NasalA-gzah-ay
ToBite	moꝛdꝛ	m-oh-rr-d-rr
ToSuck	syse	s-eeh-s-ay
ToSpit	kōspyꝛ	k-oon-s-p-eeh-ay
ToVomit	vomiꝛ	v-oh-m-e-rr
ToBlow	sufle	s-u-f-l-ay
ToLaugh	ꝛiꝛ	rr-e-rr
ToSee	vwaꝛ	v-w-ah-rr
ToHear	wiꝛ	w-e-rr
ToKnow-Sapere	savwaꝛ	s-ah-v-w-ah-rr
ToKnow-Cognoscere	kōnetꝛ	k-euh-n-eh-t-rr
ToThink	kꝛide	k-eu-e-d-ay
ToThink-Pensare	pāse	p-NasalA-s-ay
ToSmell-Sentire	sātiꝛ	s-NasalA-t-e-rr
ToSmell-Fragrare	flæꝛe	f-l-eh-rr-ay
ToFear-Tremere	kꝛēdꝛ	k-rr-ehn-d-rr
ToSleep	dōꝛmiꝛ	d-euh-rr-m-e-rr
ToLive	vivꝛ	v-e-v-rr
ToDie	muꝛiꝛ	m-u-rr-e-rr
ToKill	nwaje	n-w-aj-ay
ToKill-Tutari	tꝛe	t-eu-ay
ToKill-Mactare	mate	m-ah-t-ay
ToKill-Occidere	ōksiꝛ	euh-k-s-e-rr
ToFight-Battuere	batꝛ	b-ah-t-rr
ToHunt-Captiare	ꝛase	shh-ah-s-ay
ToHit	puse	p-u-s-ay
ToCut	sꝛe	s-jg-ay
ToCut-Excutare	ekuꝛte	ay-k-u-rr-t-ay
ToCut-Taliare	tāꝛe	t-a-jg-ay
ToSplit-Scindere	sēde	s-ehnn-d-ay
ToSplit-Findere	fādꝛ	f-NasalA-d-rr
ToSplit-Partire	paktiꝛ	p-ah-rr-t-e-rr
ToSplit-Separare	sāvꝛe	s-aah-v-rr-ay
ToStab	pwēdꝛ	p-w-ehnn-d-rr
ToStab-lugulare	ꝛygyle	gzah-eeh-g-eeh-l-ay
ToScratch-Rasare	ꝛaze	rr-a-zz-ay
ToDig	fwꝛ	f-w-e-rr
ToDig-Cavare	ꝛave	shh-aah-v-ay
ToSwim-Navigare	naꝛe	n-ah-gzah-ay
ToFly	vole	v-oh-l-ay
ToWalk	ꝛəmine	shh-aah-m-e-n-ay
ToWalk-Marcher	maꝛꝛe	m-ah-rr-shh-ay
ToCome	vōniꝛ	v-aah-n-e-rr
ToLieAsInABed	etādꝛ	ay-t-NasalA-d-rr
ToLieAsInABed-lacere	ꝛeziꝛ	gzah-ay-zz-e-rr
ToSit	swaꝛ	s-w-ah-rr
ToStand	etꝛ	eh-t-rr
ToStand-Levare	lōve	l-aah-v-ay
ToStand-Altiare	ose	oh-s-ay
ToTurnIntransitive	tuꝛne	t-u-rr-n-ay
ToTurnIntransitive-Gyrare	ꝛiꝛe	gzah-e-rr-ay
ToTurnIntransitive-AncestralClass3	viꝛe	v-e-rr-ay
ToTurnIntransitive-Torquere	tōdꝛ	t-euh-rr-d-rr
ToFall	ꝛwaꝛ	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	təniɾ	t-aah-n-e-rr
ToSqueeze	epkẽdɾ	ay-p-rr-ehnn-d-rr
ToSqueeze-Serare	seke	s-ay-rr-ay
ToSqueeze-Stringere	etkẽdɾ	ay-t-rr-ehnn-d-rr
ToRub	fɛje	f-rr-ehj-ay
ToRub-Frictare	fɛote	f-rr-oh-t-ay
ToWash	lave	l-ah-v-ay
ToWipe-Exsucare	esqije	ay-s-eu-e-jg-ay
ToPull	tike	t-e-rr-ay
ToPull-Pulsare	puse	p-u-s-ay
ToPull-Trahere	tɛɛ	t-rr-eh-rr
ToThrow	zɔte	gzah-aah-t-ay
ToThrow-Lanceare	lɔse	l-NasalA-s-ay
ToTie	lie	l-e-ay
ToSew	kudɾ	k-u-d-rr
ToCount	kɔte	k-on-t-ay
ToCount-Numerare	nɔbɛ	n-oon-b-rr-ay
ToSay	diɾ	d-e-rr
ToSing-AncestralClass	ʃate	shh-NasalA-t-ay
ToPlay-Jiocare	zwe	gzah-w-ay
ToFloat	flyktɛ	f-l-eeh-k-t-eu-ay
ToFlow	flye	f-l-eeh-ay
ToFlow-Colare	kule	k-u-l-ay
ToFlow-Currere	kuriɾ	k-u-rr-e-rr
ToFreeze	zɔle	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	kɛwatɾ	k-rr-w-ah-t-rr
ToBurn-Cremare	kɛame	k-rr-ah-m-ay
ToBurn-Flammare	flame	f-l-ah-m-ay
ToBurn-Ardere	aɛdɾ	ah-rr-d-rr
ToBurn-Flagrare	flagɛ	f-l-ah-g-rr-ay
ToBurn-Incendere	ẽsɔdje	ehnn-s-NasalA-d-jg-ay
All-Totus	tu	t-u
Many	mu	m-u
Some	okɛ	oh-k-uuhn
Few	pø	p-uu
Other	otɾ	oh-t-rr
Big-Grandem	gɛã	g-rr-NasalA
Long-Longum	lɔ	l-oon
Long-Largum	laɾɜ	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	gɛijef	g-rr-e-jg-eh-f
Heavy-Lurdus	luɾ	l-u-rr
Small	pəti	p-aah-t-e
Short	kuɾ	k-u-rr
Short-Brevis	bɛɛf	b-rr-eh-f
Narrow-Strictus	etɛwa	ay-t-rr-w-ah
Thin	məny	m-aah-n-eeh
Thin-Delicatus	du:ʒe:	d-U-gzah-ai
Warm	ʃo	shh-oh

Appendix 5 - Word Lists by Language

Cold	fɪwa	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	dɛwa	d-rr-w-ah
Round	ɾō	rr-on
Smooth-Nitidus	net	n-eh-t
Dry	sek	s-eh-k
Near-Pressus	pɛe	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	sənɛstɪ	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	tɛwa	t-rr-w-a
Four	katɪ	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-Geniculum	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	peŋo	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-Pulwus	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	eþfar	ay-ts-ah-er
ToThrow-Lanceare	lanþar	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	deþir	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	inþfar	e-n-ts-ah-er
ToSwell-Intumescere	entumeþer	ay-n-t-u-m-ay-th-ay-er
ToSwell-Crescere	kreþer	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	enþender	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	reþjente	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	sotfo	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	pidokkjo	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	fɔʎʎa	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	skortsa	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	ʃfenero	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	mandʒare	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	konoʃfere	k-oh-n-oh-shh-shh-ay-r-ay
ToThink	kodʒitare	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	utʃidere	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	kattjare	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	taʎʎa:re	t-ah-yuh-yuh-A-r-ay
ToSplit	dividere	d-e-v-e-d-ay-r-ay
ToSplit-Scindere	ʃindere	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	pundʒere	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	merdʒere	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	dʒaʃe: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-Torquere	tɔrʃfere	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	lanʃfare	l-ah-n-ts-ah-r-ay
ToThrow-Eruncare	arronʃfare	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	gonʃfare	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	inʃendjare	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	refrente	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	croceo	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	mulɐɐ	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	mɛj	m-ahnjn
Father	paj	p-aj
Father-Tata	tata	t-ah-t-ah
Animal-Bestia	bɪʃɛ	b-e-shh-ahh
Fish-Piskem	pejʃĩ	p-ayj-shh-e
Bird-Avem	avi	ah-v-e
Bird-Passerem	pasɐru	p-ah-s-ahh-er-u
Dog	kẽw̃	k-au_diphthong_nasal
Louse	pioʎu	p-e-oh-yuh-u
Snake	sɛɐpɛʃĩ	s-ay-rr-p-ehn-ts-e
Worm	veɐmi	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	frutɐ	f-er-u-t-ahh
Seed-Sementis	semẽʃĩ	s-ay-m-ehn-ts-e
Seed-Granum	grẽw̃	g-er-au_diphthong_nasal
Leaf	foʎɐ	f-oh-yuh-ahh
Leaf-Frondea	frõsɐ	f-er-on-s-ahh
Root	ɾais	rr-ah-e-s
BarkOfATree	kɔɐʃisi	k-euh-rr-ts-e-s-e
BarkOfATree-Corticea	kɔɐʃisɐ	k-oh-rr-ts-e-s-ahh
Flower	floɐ	f-l-oh-rr
Grass	ɛɐvɐ	ay-rr-v-ahh
Grass-Gramen	grẽmɐ	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	kʁni	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	ɡrafɐ	g-er-ah-shh-ahh
Egg	ovu	oh-v-u
Horn	koxnu	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	uɲɐ	u-VdPalatalNasal-ahh
Foot	pɛ	p-eh
Leg-Perna	pɛɲnɐ	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	itɾɛɲɐ	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	kɔɤ	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	istɾelɐ	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	ɤiw	rr-e-w
Lake	lagu	l-ah-g-u
Sea	maɤ	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	tɛɤ	t-ay-rr-ahh
Cloud	nuvɛʃ	n-u-v-ehnj
Fog	kaliʒɛʃ	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	koπeseκ	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	temek	t-ay-m-ay-rr
ToFear-Tremere	tremek	t-er-ay-m-ay-rr
ToSleep	doκmik	d-oh-rr-m-e-rr
ToLive	viveκ	v-e-v-ay-rr
ToDie	moκek	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	pujak	p-u-shh-ah-rr
ToCut	segaκ	s-ay-g-ah-rr
ToCut-Curtare	koκtak	k-oh-rr-t-ah-rr
ToCut-Taliare	talak	t-ah-yuh-ah-rr
ToSplit	dzividzjik	VdPalatoAlveolarSibilant-e-v-e-VdPalatoAlveolarSibilant-e-rr
ToSplit-Findere	fēdek	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	pūzjik	p-ooo-gzah-e-rr
ToScratch	κaek	rr-ah-ay-rr
ToScratch-Rasare	κazaκ	rr-ah-zz-ah-rr
ToScratch-Rasicare	κajkaκ	rr-ah-shh-k-ah-rr
ToScratch-Coctiare	kosaɹ	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	ʒəzeɤ	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-Gyrate	ʒiɾaɾ	gzah-e-er-ah-er
ToTurnIntransitive-AncestralClass3	viɾaɾ	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	sɪɾaɾ	s-eee-rr-ah-er
ToSqueeze-Appetorare	əpiɾtaɾ	ahh-p-eee-er-t-ah-er
ToSqueeze-Stringere	əʃtriʒiɾ	aah-shh-t-r-een-gzah-e-r
ToRub-Exfricare	iffrigaɾ	eee-shh-f-er-eee-g-ah-er
ToWash	lɛvaɾ	l-ahh-v-ah-er
ToWipe-Exsucare	ẽʃɣaɾ	ehn-shh-u-g-ah-er
ToWipe-Limpidare	liɾaɾ	l-een-p-ah-er
ToPull	ʃiɾa	ts-e-er-ah
ToPull-Pulsare	puʃaɾ	p-u-shh-ah-er
ToPull-Trahere	traze	t-er-ah-zz-ay
ToThrow	ʒejtaɾ	gzah-ayj-t-ah-er
ToThrow-Lanceare	lɛsa	l-ahn-s-ah
ToTie-Aptare	ɛtaɾ	ahh-t-ah-er
ToSew	kuzer	k-u-zz-ay-er
ToCount	kõtaɾ	k-on-t-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kẽtaɾ	k-ahn-t-ah-er
ToPlay-Jiocare	ʒogaɤ	gzah-oh-g-ah-rr
ToFloat	flutuaɤ	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	ʒilaɾ	gzah-eee-l-ah-er
ToSwell	ifɾaɾ	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	kɛjmare	k-ahhj-m-ah-er-ay
ToBurn-Ardere	aɤdeɤ	ah-rr-d-ay-rr
ToBurn-Flagrare	flagɾaɤ	f-l-ah-g-rr-ah-rr
ToBurn-Incendere	isendʒiaɾ	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	brevi	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	æseŋʃi	rr-ay-s-ehn-ts-e
Full	ʃeju	shh-ahhj-u
New	novu	n-oh-v-u
Old	vɛjʌ	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	ædōdu	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	viziɲu	v-e-zz-e-VdPalatalNasal-u
Right-Dextrem	destru	d-eh-s-t-er-u
Left	seftru	s-eh-shh-t-er-u
Red	ɤoʃu	rr-oh-shh-NearCloseBackRounded
Red-Vermiculus	veɤmeʌ	v-ay-rr-m-ay-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	ɛmareʌ	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	mulɐr	m-u-yuh-ay-er
Woman-Domina	donẽ	d-oh-n-ahh
Child	ĩfeti	een-f-ahn-t-eee
Child-Ninnus	nenẽj	n-ay-n-ehnj
Wife	ĩʃpozẽ	eee-shh-p-oh-zz-ahh
Husband	mɛriðu	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	pɛijĩ	p-ahhj-shh-eee
Bird-Avem	avi	ah-v-eee
Bird-Passerem	pasɐru	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	sɛʎvẽ	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	kɛijf	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	ɛrvẽ	eh-er-v-ahh
Grass-Gramen	grẽmẽ	g-er-ahh-m-ahh
Rope-Restis	kɛʎti	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	kēβelu	k-ahh-bb-ay-l-u
Head	kēβese	k-ahh-bb-ay-s-ahh
Head-Testa	tēfte	t-eh-shh-t-ahh
Ear	orejʎe	oh-er-ahhj-yuh-ahh
Eye	oʎu	oh-yuh-u
Nose-Nares	nērif	n-ahh-er-e-shh
Mouth	bokē	b-oh-k-ahh
Tooth	dēti	d-ehn-t-eee
Fingernail	upe	u-VdPalatalNasal-ahh
Foot	pē	p-eh
Leg-Perna	pēmē	p-eh-er-n-ahh
Knee-Genuculum	zweʎu	gzah-w-ahh-yuh-u
Hand	mēw	m-au_diphthong_nasal
Wing	a	ah
Belly-Pantex	pēsē	p-ahn-s-ahh
Guts	ētrepe	ehn-t-er-ahh-VdPalatalNasal-ahh
Neck	kolu	k-euh-l-u
Back-Spatula	ifpadwē	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	almē	ah-l-m-ahh
Liver	fiyeðu	f-e-juh-ahh-dd-u
Sun	soʎ	s-euh-ssha
Moon	luē	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	laʎu	l-ah-juh-u
Sea	mar	m-ah-er
Salt	sal	s-ah-l
Stone	sejʃu	s-ahhj-shh-u
Stone-Petra	peðre	p-eh-dd-er-ahh
Sand	ereje	ahh-er-ahhj-ahh
Sand-Sabulum	sajβru	s-aj-bb-er-u
Dust-Pulwus	pō	p-euh
Earth	tēkē	t-eh-rr-ahh
Cloud	nuvēʃ	n-u-v-ahnjn
Fog	keliʒēʃ	k-ahh-l-e-gzah-ahnjn
Fog-Nebula	nevwe	n-eh-v-w-ahh
Fog-Tenebras	treveʃ	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-eeɲ-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	ɤʃpirar	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	kupiser	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	ʃejrar	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	pūʒir	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	iftēder	e-shh-t-ehn-d-ay-er
ToLieAsInABed-lacere	zəzer	gzah-ahh-zz-ay-er
ToSit	ser	s-ay-er
ToSit-Sedentare	sētar	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	tōbar	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	ifprāmer	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	əftrīzir	aah-shh-t-r-ehn-gzah-e-r
ToRub-Exfricare	iffriyar	eee-shh-f-er-eee-juh-ah-er
ToWash	lavar	l-ahh-v-ah-er
ToWipe-Exsucare	ēfuyar	ehn-shh-u-juh-ah-er
ToWipe-Limpidare	lipar	l-ehn-p-ah-er
ToPull	tirar	t-e-er-ah-er
ToPull-Pulsare	pufar	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	kōtar	k-on-t-ah-er
ToSay	dizer	d-e-zz-ay-er
ToSing-AncestralClass	kētar	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	kuxer	k-u-rr-ay-er
ToFreeze	zilar	gzah-eee-l-ah-er
ToSwell	ifjar	een-shh-ah-er
ToSwell-Intumescere	itumeser	een-t-u-m-ay-s-ay-er
ToSwell-Crescere	kriřser	k-er-eee-shh-s-ay-er
ToBurn-Cremare	kejmaæ	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	isēdjar	een-s-ehn-d-jg-ah-er
All-Totus	toðu	t-oh-dd-u
Many	mūjtu	m-ooo-jn-t-u
Many-Tantus	tētu	t-ahn-t-u
Some	atgū	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	iftrējtu	eee-shh-t-er-ahhj-t-u
Thin	miuðu	m-e-u-dd-u
Thin-Delicatus	deŷaðu	d-eh-ssha-juh-ah-dd-u
Thin-Subtilis	suŷtīw	s-u-ts-e-w
Warm	kaldu	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	poðri	p-oh-dd-er-eee
Dirty	sordidu	s-euh-er-d-e-d-u
Dirty-Spurcus	ifpurku	e-shh-p-u-er-k-u
Straight	dirējtu	d-e-er-ahhj-t-u
Round	kidōdu	rr-eee-d-on-d-u
SharpAsAKnife	eyuðu	ahh-juh-u-dd-u
Smooth-Nitidus	neðžu	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	virmeŷlu	v-eee-er-m-ahhj-yuh-u
Red-Rubeus	rubeo	r-u-b-ay-oh
Green	verdi	v-ay-er-d-eee
Yellow-Amarellus	emereŷlu	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	pɛɲə	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-Geniculum	ʒənoʌ	gzah-aah-n-oh-yuh
Wing	alə	ah-l-aah
Belly	bentrə	b-ay-n-t-er-aah
Belly-Pantex	paɲʃə	p-ah-VdPalatalNasal-shh-aah
Guts	əntrəɲə	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	səl	s-euh-l
Moon	ʌunə	yuh-u-n-aah
Star	əstɛl	aah-s-t-eh-l
Water	ajɣwə	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	pols	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	muntəɲə	m-u-n-t-ah-VdPalatalNasal-aah
Night	nit	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	əlgʊ	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	mənʊt	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	kaɪ	k-ah-ssha
Cold	fɹɛt	f-er-eh-t
Full	pɹɛ	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	əɡut	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	kɒm	k-euh-m
Not	no	n-oh
Not-Nec	ni	n-e
At	a	ah
In-In	ən	aah-n
In-Deintus	dɪns	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	sɿɐpẽ	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	simẽs	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	krɔh	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	ɔREj	euh-VIUvularTrill-ehj
Eye	uj	u-jg
Nose	ne	n-ay
Mouth	bɔk	b-euh-k
Mouth-Gula	gœj	g-uuh-jg
Tooth	dẽ	d-ehnn
Fingernail	ɔg	oon-g
Foot	pi	p-e
Leg-Gamba	dʒɔp	VdPalatoAlveolarSibilant-NasalA-p
Knee-Geniculum	ɲɲɔ	VdPalatalNasal-VdPalatalNasal-euh
Hand	mẽ	m-ehnn
Wing	el	ay-l
Belly	vɛt	v-ehnn-t
Belly-Pantex	pãs	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	piɾ	p-e-rr
Sand	aren	ah-r-eh-n
Sand-Sabulum	savjõ	s-a-v-jg-oon
Earth	teɾ	t-ay-rr
Fog-Nebula	njyl	n-jg-eeh-l
Sky	sir	s-e-r
Wind	vẽ	v-ehnn
Snow	nivaj	n-e-v-aj
Ice-Glacies	glẽs	g-l-eh-s
Fire-Focus	fœ	f-uuh
Ash	set	s-ehnn-t
Road	voj	v-oj_diphthong
Road-Camminus	ʃimẽ	ts-e-m-ehnn
Mountain	mõ	m-oon
Mountain-Montanea	mõtəp	m-oon-t-ah-VdPalatalNasal
Night	nyt	n-eeh-t
Day	ɖu	VdPalatoAlveolarSibilant-u
Day-Diurnus	ɖu:	VdPalatoAlveolarSibilant-U
Year	ã	NasalA
Name-Nomen	nõ	n-oon
Tongue	lẽv	l-ehnn-v
ToDrink	bø:ɾ	b-o-rr
ToEat-Manducare	mapi:	m-ah-VdPalatalNasal-E
ToSuck	sysi:	s-eeh-s-E
ToVomit	vo:mi	v-O-m-e
ToBlow	suffle	s-u-f-l-ay
ToLaugh	ki:ɾ	rr-E-rr
ToSee	vi:r	v-E-VIUvularTrill
ToHear	õɾ	on-VIUvularTrill
ToKnow-Sapere	savø:r	s-ah-v-o-VIUvularTrill
ToKnow-Cognoscere	kinõh	k-e-n-euh-h
ToThink-Pensare	pẽse	p-ehnn-s-ay
ToSmell-Sentire	seti	s-ehnn-t-e
ToSleep	dwaɁmi	d-w-ah-rr-m-e
ToDie	mõri	m-euh-VIUvularTrill-e
ToKill-Tutari	tuwe	t-u-w-ay
ToFight-Battuere	bate	b-ah-t-ay
ToHunt-Captiare	ʃesi:	ts-eh-s-E
ToCut-Taliare	teji:	t-eh-jg-E
ToSplit-Findere	fêt	f-ehnn-t
ToSplit-Partire	põ:rti	p-LongOpenMidBackRounded-VIUvularTrill-t-e
ToSwim-Navigare	nedʒi:	n-eh-VdPalatoAlveolarSibilant-E
ToFly	vole	v-euh-l-ay
ToWalk	ʃimine	ts-e-m-e-n-ay
ToWalk-Marcher	ma:ɾʃi:	m-A-VIUvularTrill-ts-E
ToCome	vini	v-e-n-e
ToLieAsInABed-lacere	ɖgere	VdPalatoAlveolarSibilant-ay-r-ay
ToStand	es	eh-s
ToStand-Levare	løve	l-aah-v-ay
ToStand-Altiare	hõ:si:	h-LongOpenMidBackRounded-s-E
ToTurnIntransitive	tu:rne	t-U-r-n-ay
ToTurnIntransitive-AncestralClass3	viɾe	v-e-rr-ay
ToFall	ʃe: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	gɤã	g-rr-NasalA
Long-Longum	lō	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	bɤef	b-rr-ay-f
Narrow-Strictus	stɤø:	s-t-rr-o
Thin	minu	m-e-n-u
Thin-Subtilis	su:ti	s-U-t-e
Warm	ʃō	ts-on
Cold	frwe	f-VIUvularTrill-w-eh
Full	plē	p-l-ehn
New	nøve	n-euh-v-eh
Old	vi:	v-E
Good	bō	b-on
Bad	mø:	m-LongOpenMidBackRounded
Straight	drø:	d-r-o
Round	rō	r-on
Dry	seʃ	s-eh-ts
Near-Pressus	pre	p-r-eh
Near-Vicinus	viʒẽ	v-e-gzah-ehn
Red-Rubeus	rɔʃ	r-euh-ts
Green	veʁ	v-eh-rr
Yellow	dʒen	VdPalatoAlveolarSibilant-eh-n
One	ō	on
Two-Duos	dø:	d-o
Three	trø:	t-r-o
Four	kwat	k-w-ah-t
Five	sēk	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	pes	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-Skortea	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	bœœ	b-euh-tya-eh
Mouth-Gula	gœle	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	ɲɔt	VdPalatalNasal-euh-t
Day	di	d-e
Day-Diurnata	ɖɔrnade	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-lacere	jesi	jg-ay-s-e
ToSit-Sedentare	sentā:	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	ḡira:	VdPalatoAlveolarSibilant-e-r-A
ToTurnIntransitive-AncestralClass3	ḡira:	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	dzuja:	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-Confare	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	siɸestri	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	griv	g-r-iw
Leaf	foaje	f-oaa-jg-ay
Leaf-Frondea	frunzə	f-er-u-n-zz-aah
Root-Radicina	rədəʃʃinə	r-aah-d-aah-ts-e-n-aah
BarkOfATree-Skortea	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	okʲ	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	tsarə	VlAlveolarSibilantAffricate-ah-r-aah
Cloud-Nubilus	nor	n-oh-r
Fog-Nebula	negurə	n-ay-g-u-r-aah
Fog-Caecia	ʃeafə	ts-eaha-ts-aah
Sky	ʃer	ts-ay-er
Wind	vint	v-eee-n-t
Snow	neɹ	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	beɹ	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	t-ya-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-t-ya-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

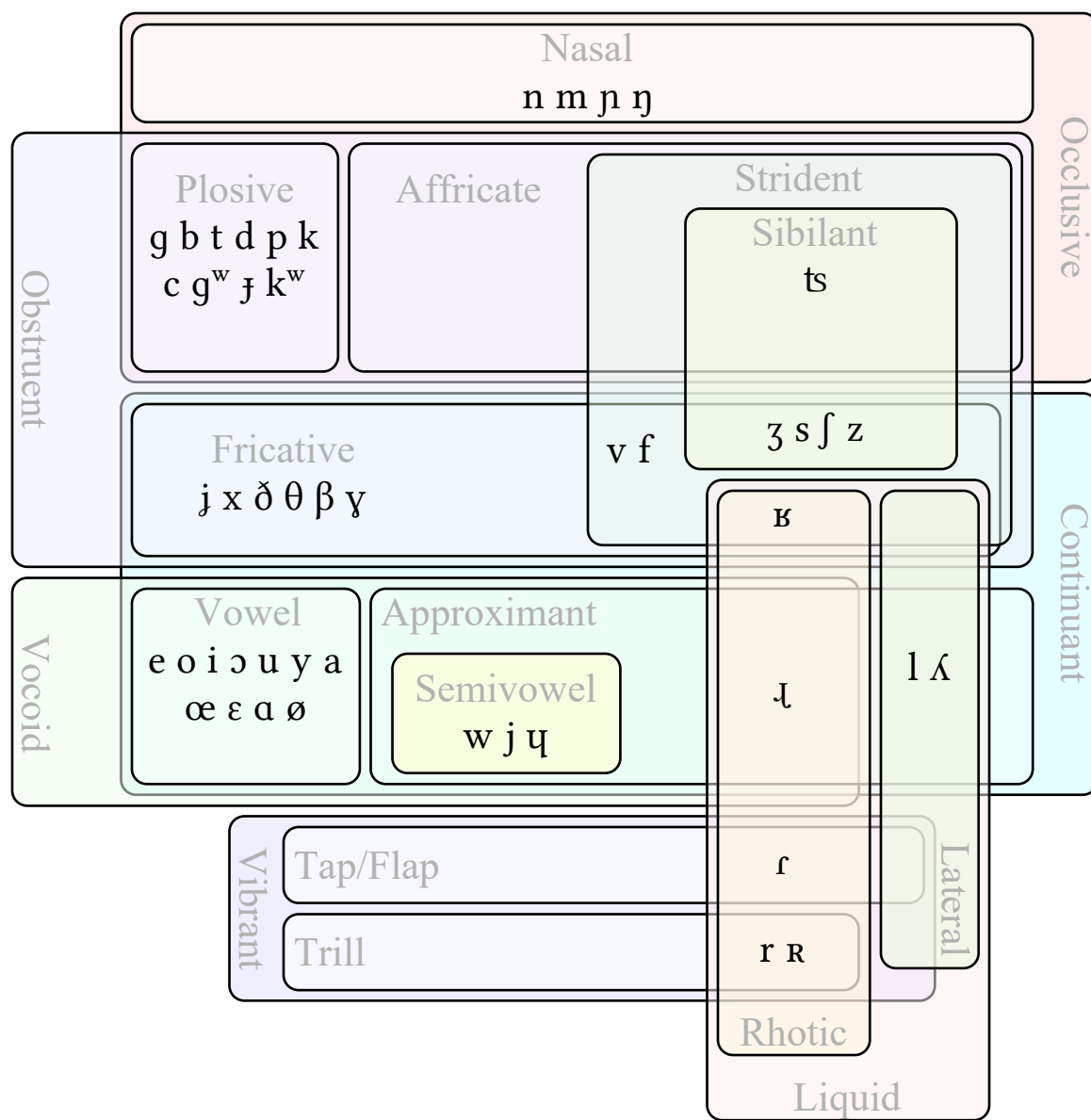
Manner
Central
Lateral

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		
ɬ	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

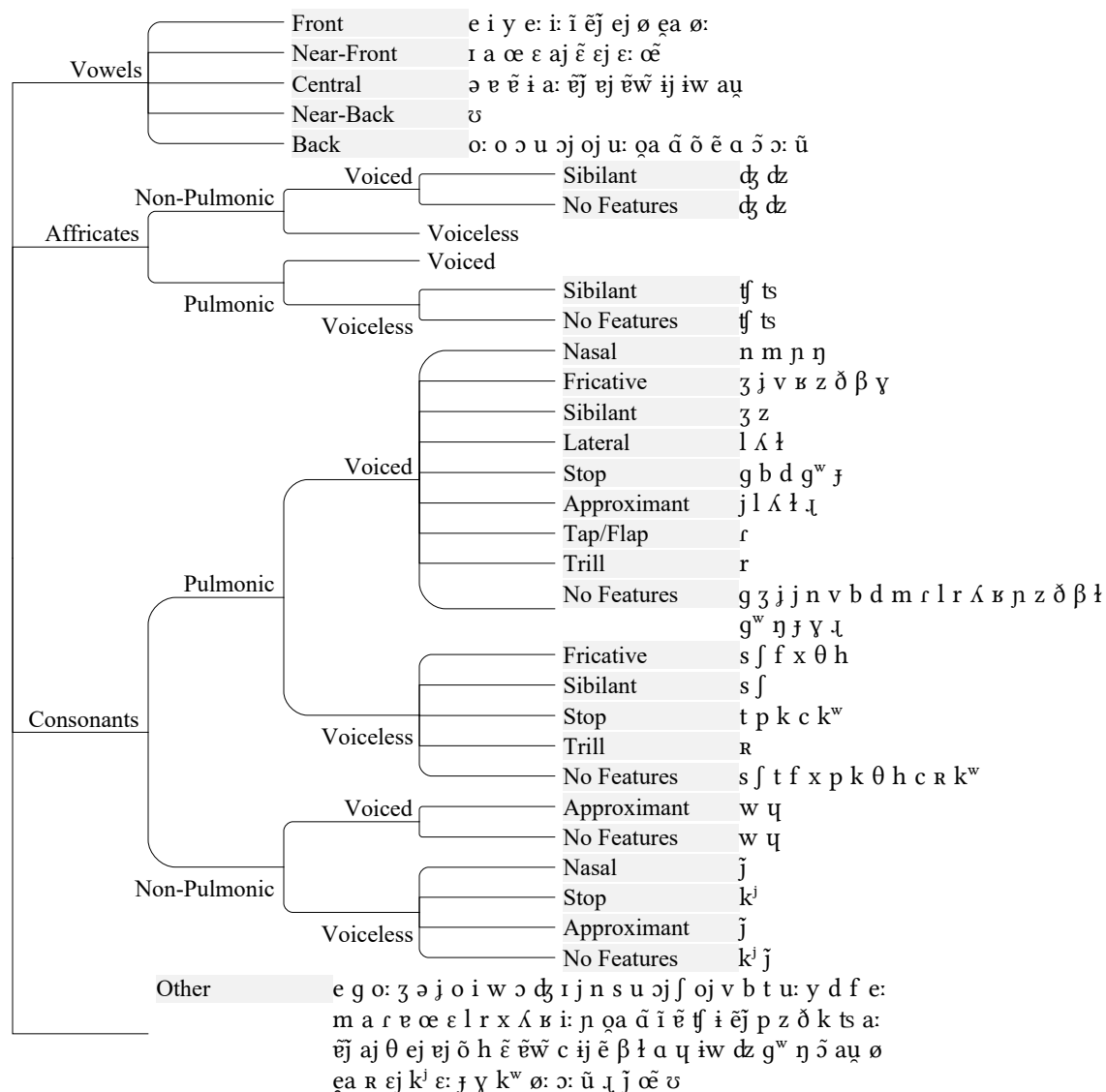
Appendix 8 - International Phonetic Alphabet

<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	ʎ	ʒ	ɟ
028A	028E	0292	029D
Near-close Near-Back Rounded Vowel	Palatal Vowel 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	ɲ	Dental	˜	Velarized or Pharyngealized
↘ Global fall	ɣ	Velarized	˥	High tone
h Aspirated	j	Palatalized	̤̥	Creaky voiced
˘ Low tone	l	Lateral release	˥̥	Mid tone
◻ Laminal	ʌ	Linguo-Labial	̚	Nasal release
˘ More rounded	ɹ	Lowered	̚̚	Retracted tongue root
↗ Global rise	ɻ	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		

Appendix 11 - Languages

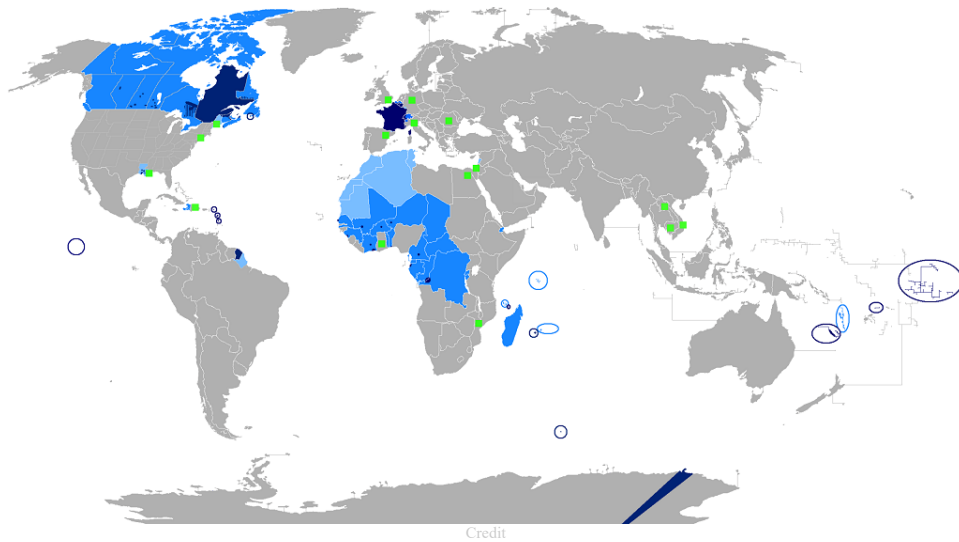
Latin



A classical language belonging to the Italic branch of the Indo-European languages. Latin was originally spoken in the area around Rome, known as Latium. Through the power of the Roman Republic, it became the dominant language in Italy, and subsequently throughout the western Roman Empire, before eventually becoming a dead language. Latin has contributed many words to the English language. In particular, Latin (and Ancient Greek) roots are used in English descriptions of theology, the sciences, medicine, and law.

By the late Roman Republic (75 BC), Old Latin had been standardised into Classical Latin. Vulgar Latin was the colloquial form spoken at that time and attested in inscriptions and the works of comic playwrights like Plautus and Terence[3] and author Petronius. Late Latin is the written language from the 3rd century; its colloquial form Vulgar Latin developed in the 6th to 9th centuries into the Romance languages, such as Italian, Sardinian, Venetian, Neapolitan, Sicilian, Piedmontese, Lombard, French, Franco-Provençal, Occitan, Corsican, Ladin, Friulan, Romansh, Catalan/Valencian, Aragonese, Spanish, Asturian, Galician, and Portuguese. Medieval Latin was used as a literary language from the 9th century to the Renaissance which used Renaissance Latin. Later, Early Modern Latin and New Latin evolved. Latin was the language of international communication, scholarship and science until well into the 18th century, when vernaculars (including the Romance languages) supplanted it. Ecclesiastical Latin remains the official language of the Holy See and the Roman Rite of the Catholic Church. Latin is a highly inflected language, with three distinct genders, six or seven noun cases, five declensions, four verb conjugations, six tenses, three persons, three moods, two voices, two or three aspects, and two numbers. The Latin alphabet is derived from the Etruscan and Greek alphabets and ultimately from the Phoenician alphabet.

French

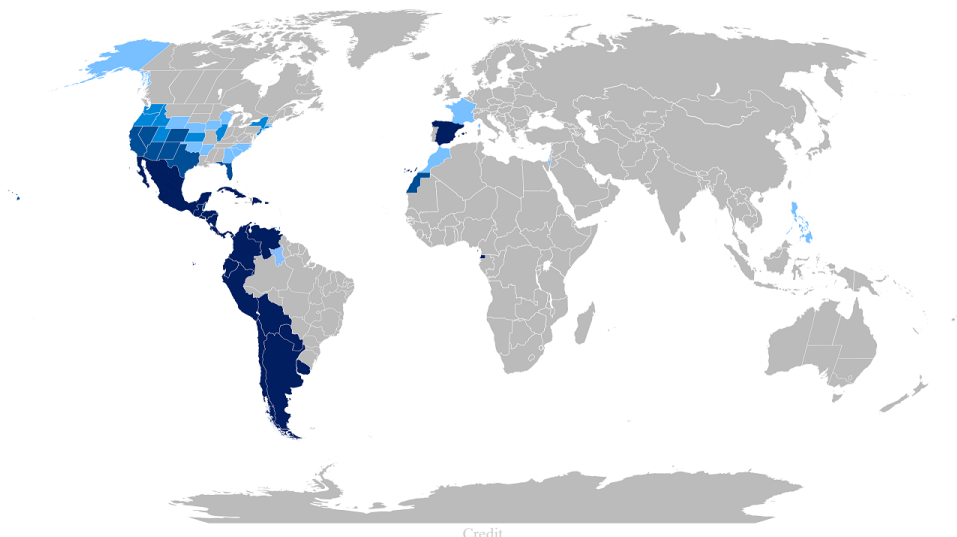


A Romance language of the Indo-European family. It descended from the Vulgar Latin of the Roman Empire, as did all Romance languages. French evolved from Gallo-Romance, the Latin spoken in Gaul, and more specifically in Northern Gaul. Its closest relatives are the other langues d'oïl—languages historically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

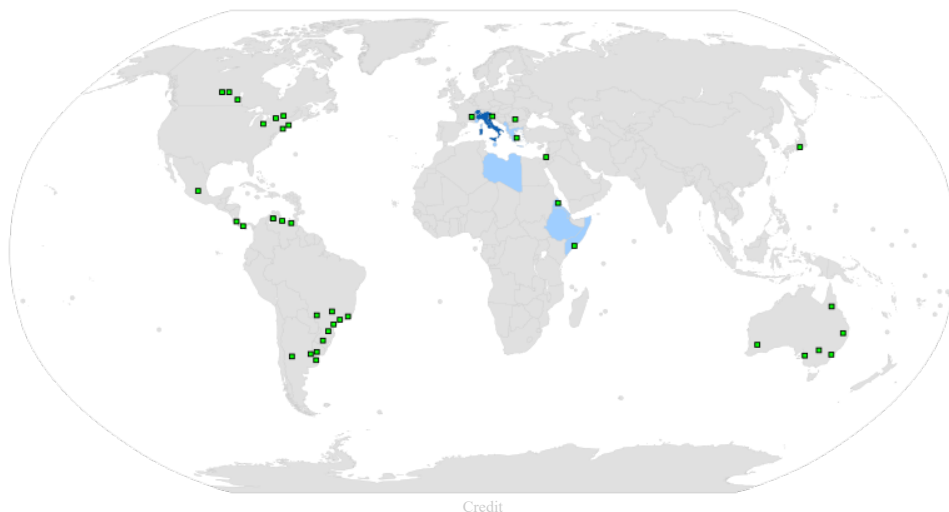
French is an official language in 29 countries across multiple continents, most of which are members of the Organisation internationale de la Francophonie (OIF), the community of 84 countries which share the official use or teaching of French. French is also one of six official languages used in the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

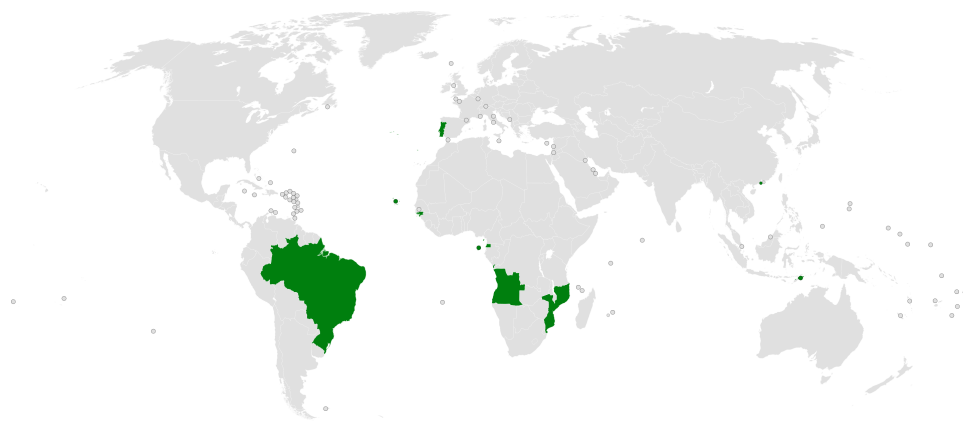
Brazilian Portuguese



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



Credit

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



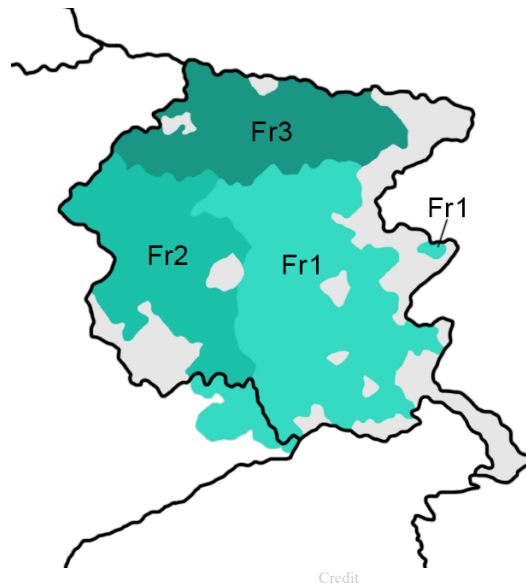
Credit

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".